www.gsace.com

PIPE RACKING SYSTEM



ISO 9001/ ISO 14001/ ISO 45001 Certified







G.S.ACE INDUSTRY CO., LTD.

2024. 02

[The highest value of PIPE RACKING SYSTEM]

FAST

- Rapid development for prompt application of improved ideas
- The shortest lead time

BEST

- The world top quality
- The best competitive price

Keep working towards FAST / BEST

GS ACE Industry Co., LTD

[HISTORY]

Oct. 1993 Established G.S. Ace Industry

Jun. 2001 Company selected as a promising small and medium exporting business (Small and Medium Business Administration)

Jul. 2001 Obtained ISO 9001 certification

May 2002 Established office in China (Shanghai, China)

Aug. 2003 Company selected as a promising smal and medium business in Gyeonggi Province (Gyeonggi Provincial Government)

Dec. 2004 Obtained ISO 14001 certification

Dec. 2004 Venture business registration

Nov. 2005 Company selected as an Inno-biz company

Oct. 2006 Developed ECO-PIPE for the first time in the world, completed facility installation (patent application)

Jan. 2007 Converted plating of entire products to Cro3

Mar. 2007 Developed curve joint (G-90S) for the first time in the world (patent application)

Mar. 2007 Established the auxiliary technology research center

Oct. 2008 Obtained ROHS certification (Korea Research Institute of Chemical Engineering)

Dec. 2008 Received the Ten-Million-Dollar Tower of Export

Apr. 2009 Company selected for a brand guaranteed by KOTRA

Jun. 2009 Developed and commenced sale of D-Coat Pipe

Mar. 2010 Established Changwon Factory

Oct. 2010 Established the 2nd factory, korea (10,557㎡ in land, 4,998㎡ in building area)

Nov. 2010 Completed the facility of Stainless Pipe (3 production Line)

May. 2011 Developed Universal Roller (40&60 Type/patent application)

Dec. 2011 Developed Spiral Pipe

Jul. 2012 Twenty-Millon Dollar of Exports

Oct. 2013 Certificated 'Next Global Champ by Ministry of Trade, Industry and Energy Republic of Korea

Apr. 2014 Expansion of the 2nd factory, korea (10,949㎡ in land, 6,013㎡ in building area) (Total: 21,506㎡ in land, 11,011㎡ in building area)

Jul. 2014 Releasing Alumminum Racking System

Mar. 2015 Completed Aluminum Extrusion Line (1350Ton)

Oct. 2015 Completed Aluminum Die Casting Line (125Ton, 2 Production Lines)

Feb. 2016 Established office in Vietnam (2,648㎡ in land, 1,700㎡ in building area)

May. 2016 Established Advanced Research and Development Center

May. 2017 Installation ECCO PIPE production line and start of production

June. 2018 E-PIPE Red Dot Design Award

Feb. 2019 CE Certification

Contents

METAL RACKING SYSTEM
- PIPES (D-COATED / STS / ECCO) 5
- METAL JOINTS 11
- PLASTIC JOINTS 30

ALUMINUM RACKING SYSTEM
- Φ28 ALUMINUM RACKING SYSTEM 50
- Φ19 ALUMINUM RACKING SYSTEM 102
- Φ33 ALUMINUM RACKING SYSTEM 111
- Φ43 ALUMINUM RACKING SYSTEM 114
- 28X28 ALUMINUM SQUARE RACKING SYSTEM 127
- 40X40 ALUMINUM PROFILE RACKING SYSTEM 135
- 45X45 ALUMINUM PROFILE RACKING SYSTEM 148
- QUICK JOINT RACKING SYSTEM 153
- LIFTING DEVICE 162
- ALUMINUM GUIDE RAIL SYSTEM 170

ROLLER TRACK SYSTEM
- ROLLER TRACKS 173
  (STANDARD / SILENT / STS COVERED / UNIVERSAL)
- ROLLER TRACK CAP 190
- ROLLER MOUNTING BRACKETS 193
- SLIDE PIPE MOUNTING BRACKETS 217
- BOX GUIDE 221
- BOX GUIDE CAP 228
- BOX STOPPER 229

CASTERS
- METAL CASTERS 235
- AL CASTERS 240
- FLOOR LOCK 242

ACCESSORIES
- PIPE REST & PLUG 244
- CASTER MOUNT & MOUNT CORNER UNIT 247
- FORK GUIDE & ASS'Y HAUL 255
- METAL CLAMP 260
- HOOK & HANGER & HANDLE 262
- METAL JOINT COVER 266
- TOOL HOLDER 268
- ASS'Y PULLEY 269
- NAME PLATE & LABEL CASE 272
- LEVELING FOOT 276
- THREADED INSERT & CAP 278
- PLASTIC CHANNEL 283
- FRAME GUIDE 284
- FASTENERS 286
- HAND CUTTER 288
- LIFT TABLE 289
- OTHERS 291

TECHNICAL SPECIFICATIONS 303
EXAMPLES 342
INDEX 387

G.S.ACE INDUSTRY CO., LTD.

METAL RACKING SYSTEM



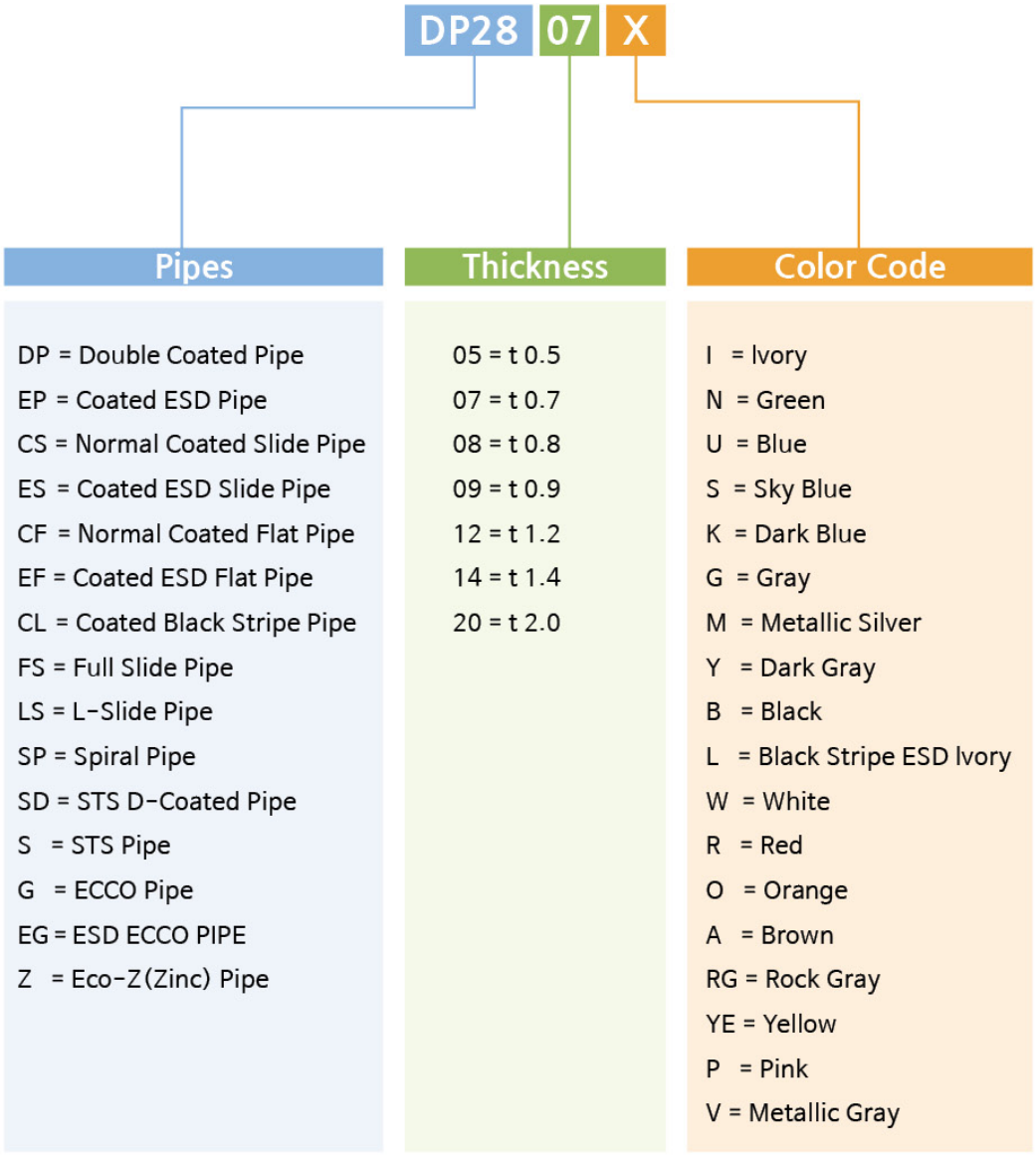
- PIPE
  - D-COATED PIPE
  - STS PIPE
  - ECCO PIPE
- METAL JOINT
- PLASTIC JOINT

PIPES

COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

COLOR CODE NUMBERING SYSTEM FOR PIPE



Example : Case of coated Pipe Ivory Ø28×t0.9 is DP2809-i

PIPES

NUMBERING SYSTEM

Unit : mm

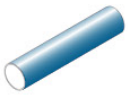
Classification	Item	Part No		Thickness	Weight (g)/M	Type
		Normal Pipe	ESD Pipe			
Coated Pipe	D-Coated Pipe	DP2807-X	EP2807-X	Ø28×t0.7	505	
		DP2809-X	EP2809-X	Ø28×t0.9	630	
		DP2814-X	EP2814-X	Ø28×t1.4	830	
		DP2820-X	EP2820-X	Ø28×t2.0	1,130	
		DP3210-X	-	Ø32×t1.0	810	
	STS-D-Coated Pipe	SD2805-X	-	Ø28×t0.5	395	
	Slide Pipe	CS2807-X	ES2807-X	Ø28×t0.7	582	
		CS2809-X	ES2809-X	Ø28×t0.9	650	
		CS2820-X	ES2820-X	Ø28×t2.0	690	
	Full Slide Pipe	FS2807-X	FS2807-E	Ø28×t0.7	505	
		FS2809-X	FS2809-E	Ø28×t0.9	630	
	L-Slide Pipe	LS2809-X	LS2809-E	Ø28×t0.9	690	
	Flat Pipe	CF2807-X	EF2807-X	Ø28×t0.7	606	
		CF2809-X	EF2809-X	Ø28×t0.9	720	
	Black Stripe Pipe	-	CL2807-X	Ø28×t0.7	505	
	W-Pipe	RC2809 (Roller Conveyor)		Ø28×t0.9	570	
	Spiral Pipe	SP2809		Ø28×t0.9	630	
ECCO-Pipe	Powder Pipe	G2807-X	EG2807-X	Ø28×t0.7	475	
		G2809-X	EG2809-X	Ø28 x t0.9	600	
		G2812-X	EG2812-X	Ø28×t1.2	800	
		G2820-X	EG2820-X	Ø28×t2.0	1100	
		Z2808		Ø28×t0.8	550	
STS Pipe	Polished Pipe	S2807A		Ø28×t0.7	448	
		S2809A		Ø28×t0.9	581	
		S2812A		Ø28×t1.2	760	

※ Standard Length - 4,000

PIPES

COLOR TABLE

Unit : mm

Classification / Standard / Color		Standard Length : 4000							
		ECCO Pipe				Coated Pipe			
		Ø28 xT0.7	Ø28 xT0.9	Ø28 xT1.2	Ø28 xT2.0	Ø28 xT0.7	Ø28 xT0.9	Ø28 xT1.4	Ø28 xT2.0
Ivory		●	●	●	●	●	●	●	●
Green		●	●	●	●	●	●	●	●
Blue		-	-	-	-	●	●	●	●
Sky Blue		-	-	-	-	●	●	●	●
Dark Blue		●	●	●	●	●	●	●	●
Gray		●	●	●	●	●	●	●	●
Rock Gray		-	-	-	-	●	●	●	●
Dark Gray		-	-	-	-	●	●	●	●
Metallic Gray		●	●	●	●	-	-	-	-
Metallic Silver		●	●	●	●	-	-	-	-
Black		-	-	-	-	●	●	●	●
White		●	●	●	●	●	●	●	●

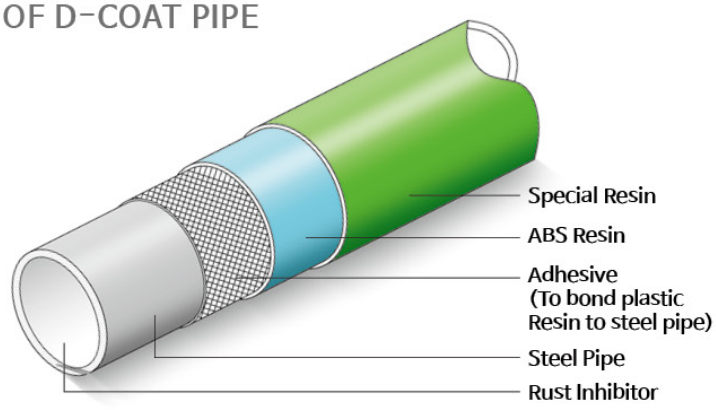
PIPES

Unit : mm

Classification / Standard / Color		Standard Length : 4000							
		ECCO Pipe				Coated Pipe			
		Ø28 xT0.7	Ø28 xT0.9	Ø28 xT1.2	Ø28 xT2.0	Ø28 xT0.7	Ø28 xT0.9	Ø28 xT1.4	Ø28 xT2.0
Red		–	–	–	–	●	●	●	●
Orange		–	–	–	–	●	●	●	●
Brown		–	–	–	–	●	●	●	●
Yellow		●	●	●	●	●	●	●	●
Pink		–	–	–	–	●	●	●	●
Spiral		–	–	–	–	–	●	–	–
ESD Ivory (Antistatic)		–	–	–	–	●	–	–	–
ESD Gray (Antistatic)		●	●	●	●	●	●	●	●
ESD GI (Conductivity)		●	●	●	●	–	–	–	–
ESD Metallic Silver (Conductivity)		●	●	●	●	–	–	–	–
ESD Black (Conductivity)		●	●	●	●	●	●	●	●
ESD Black Stripe (Conductivity)		–	–	–	–	●	–	–	●

※ Antistatic : $10^7\Omega$~$10^{10}\Omega$ ※ Conductivity : $10^3\Omega$~$10^6\Omega$

FEATURES OF D-COAT PIPE





1. Steel Pipe is coated with ABS and final coated with newly developed material by G.S.ACE.
2. Compared to the conventional ABS coating pipe, D-Coat Pipe is outstanding in oil resistance and chemical resistance. In particular, salinity, rust preventative oil or cutting oil does not cause cracks or discoloration of the pipe.
3. This product comes in a variety of colors for use in various items or per company's image.
4. With outstanding durability, this pipe is easily processed. Rustproof coating inside the pipe provides superior corrosion resistance.

※ D-Coat Pipe is printed with 'D-COAT G.S.ACE'.

CHEMICAL RESISTANCE OF COATING PIPE

Chemical	Test Method	Result	
		D-COAT	ABS COAT
Rust Preventative Oil	Coating	○	△
Sodium Chloride (Sweat)	Coating	○	×
Brake Oil	Coating	○	×
UV Ray	Radiation	○	△
Cutting Oil	Coating	○	×
Dishwashing Detergent	Coating	○	△
Laundry Detergent	Coating	○	○
Bathroom Detergent	Coating	○	○
Methyl Ethyl Keton	Deposition	×	×
Ethylene Glycol	Deposition	○	○

Chemical	Test Method	Result	
		D-COAT	ABS COAT
Transmission Oil	Coating	○	×
Hair Spray	Coating	○	○
Permanent Solution	Coating	○	○
Pesticide	Coating	○	○
Sterilizer	Coating	○	○
Liquid Fertilizer	Coating	○	○
Soybean Oil	Coating	○	×
Bleach	Coating	○	○
Ethanol	Deposition	○	○
Toluene	Deposition	×	×

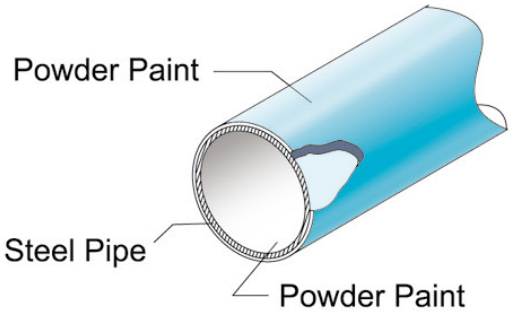
1. Test Condition-Test by depositing pipe in or coating it with the designated chemical for 30 days
2. Notes - O : No change
   △ : Change was observed, but the pipe is still usable.
   X : Resin melted or crack occurred.

PIPES ECCO / STS PIPE

ECCO PIPE - Environment Conservation Improvement of Cost

E : Environment
C : Conservation
CO : Cost Down





1. Environmental
- ECO-pipe is fully recyclable. Powder painted steel pipe of internal and external surface

2. Economical
- 20% less than coated pipe
- 35% less than ESD coated pipe
- 30% less than stainless steel pipe

3. Colorful
- Wider selection of colors and textures.

4. Chemical resistant
- High resistant to oil, UV light, and corrosion.

5. Non-flammable
- No emission of toxic fumes in fire.

6. Electrolytic Corrosion Free
- Free of Electrolytic Corrosion.

THE ADVANTAGES OF STAINLESS PIPE

1. Environmental
- Stainless pipe which is 100% recycable

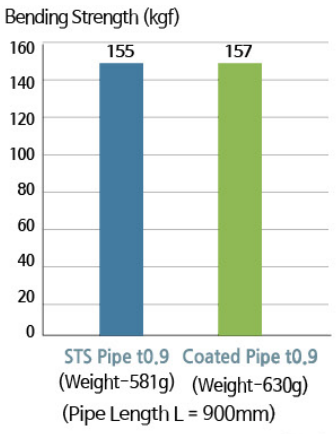
2. High Strength & Durability
- Surface resistant to light abrasion or contact with metal tools

3. High Oil & Chemical Resistance
- High resistance to oil, solvents, bleaches, etc.

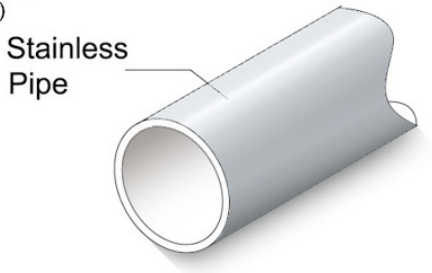
4. Non-Flammable
- Inherently non-flammable.

5. Conductive
- Inherently conductive

STS PIPE VS. COATED PIPE BENDING STRENGTH







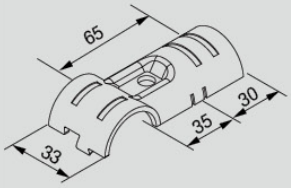
METAL JOINTS FOR ∅28 (S-SERIES)

COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

G-1S

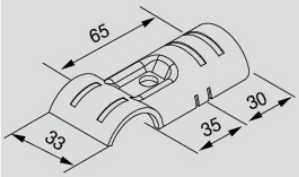




- Weight : 0.068kg
- Q'ty/Box : 240pcs

G-1BS

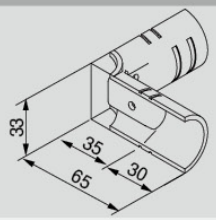




- Weight : 0.061kg
- Q'ty/Box : 240pcs

G-2S

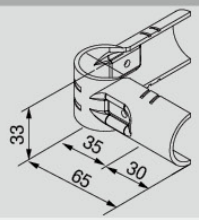




- Weight : 0.095kg
- Q'ty/Box : 150pcs

G-3S

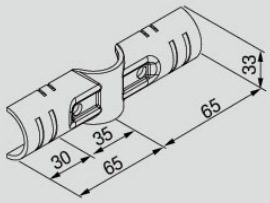




- Weight : 0.120kg
- Q'ty/Box : 70pcs

G-4S

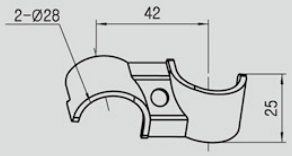




- Weight : 0.105kg
- Q'ty/Box : 180pcs

G-6S

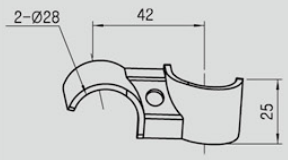




- Weight : 0.048kg
- Q'ty/Box : 180pcs

G-6BS

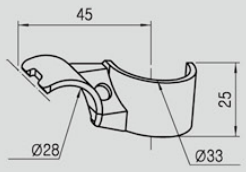




- Weight : 0.042kg
- Q'ty/Box : 240pcs

G-6B-33

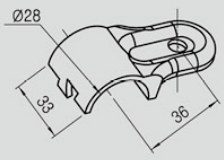




- Weight : 0.046kg
- Q'ty/Box : 180pcs

G-7AS

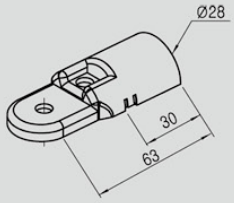




- Weight : 0.044kg
- Q'ty/Box : 300pcs

G-7BS





- Weight : 0.052kg
- Q'ty/Box : 300pcs

METAL JOINTS FOR ∅28 (S-SERIES)

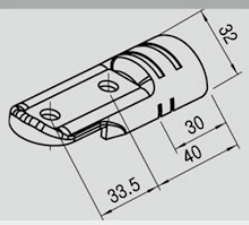
COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

G-7CS

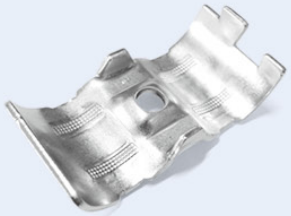
Patented

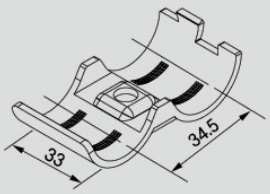




- Weight : 0.062kg
- Q'ty/Box : 210pcs

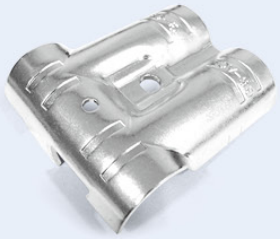
G-8S

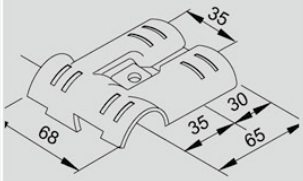




- Weight : 0.049kg
- Q'ty/Box : 300pcs

G-9S

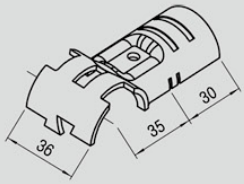




- Weight : 0.120kg
- Q'ty/Box : 100pcs

G-12S

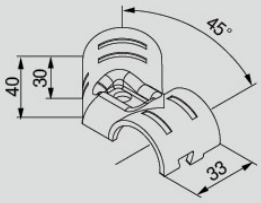




- Weight : 0.060kg
- Q'ty/Box : 210pcs

G-13AS

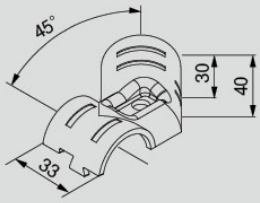




- Weight : 0.063kg
- Q'ty/Box : 160pcs

G-13BS

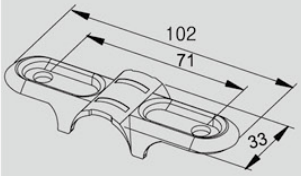




- Weight : 0.062kg
- Q'ty/Box : 160pcs

G-14S

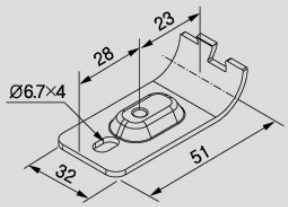




- Weight : 0.052kg
- Q'ty/Box : 270pcs

G-15AS

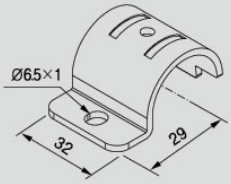




- Weight : 0.040kg
- Q'ty/Box : 480pcs

G-15BS

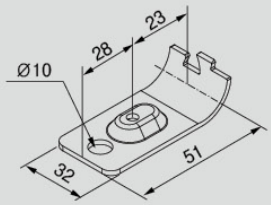




- Weight : 0.037kg
- Q'ty/Box : 480pcs

G-15AH





- Weight : 0.046kg
- Q'ty/Box : 480pcs

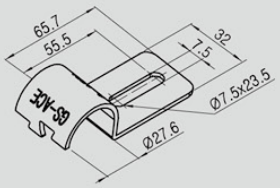
METAL JOINTS FOR ∅28 (S-SERIES)

COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

G-15BL

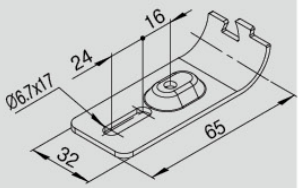




- Weight : 0.056kg
- Q'ty/Box : 240pcs

G-15D

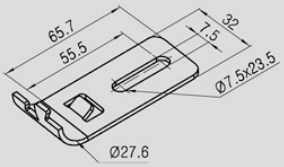




- Weight : 0.048kg
- Q'ty/Box : 300pcs

G-15DL

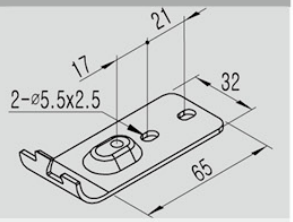




- Weight : 0.047kg
- Q'ty/Box : 300pcs

G-15G

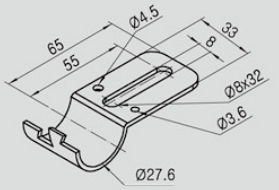




- Weight : 0.048kg
- Q'ty/Box : 300pcs

G-16S

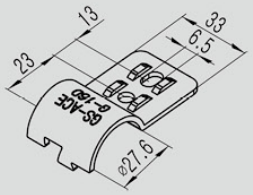




- Weight : 0.049kg
- Q'ty/Box : 300pcs

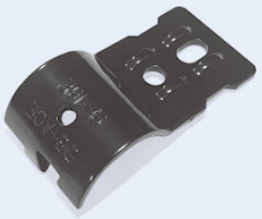
G-16D

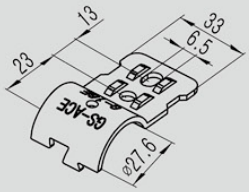




- Weight : 0.044kg
- Q'ty/Box : 300pcs

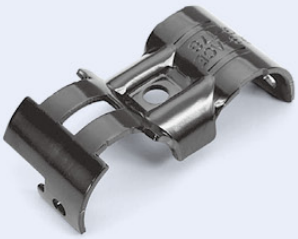
G-16E

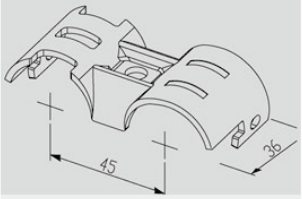




- Weight : 0.042kg
- Q'ty/Box : 300pcs

G-17S

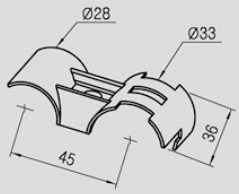




- Weight : 0.057kg
- Q'ty/Box : 200pcs

G-17BS

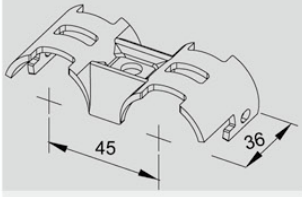




- Weight : 0.052kg
- Q'ty/Box : 200pcs

G-18S





- Weight : 0.057kg
- Q'ty/Box : 180pcs

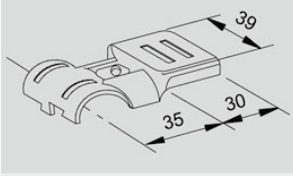
METAL JOINTS FOR Ø28 (S-SERIES)

COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

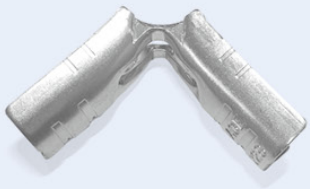
G-20S

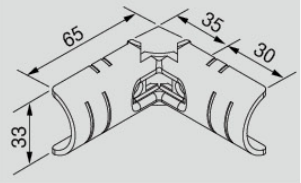




- Weight : 0.064kg
- Q'ty/Box : 200pcs

G-22S

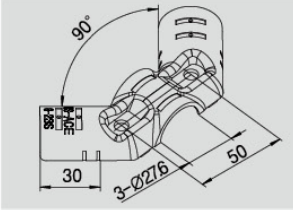




- Weight : 0.085kg
- Q'ty/Box : 150pcs

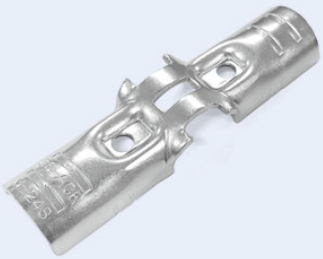
G-23S

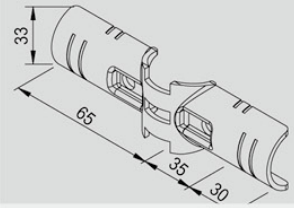




- Weight : 0.099kg
- Q'ty/Box : 130pcs

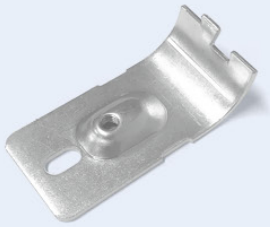
G-24S

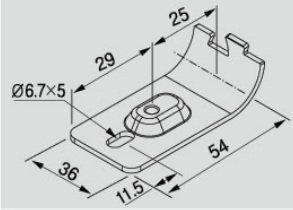




- Weight : 0.092kg
- Q'ty/Box : 150pcs

G-25AS

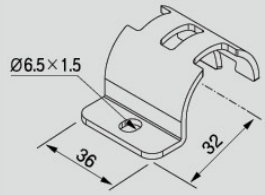




- Weight : 0.050kg
- Q'ty/Box : 360pcs

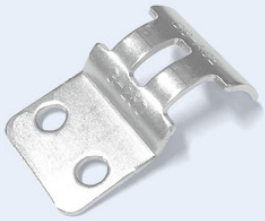
G-25BS

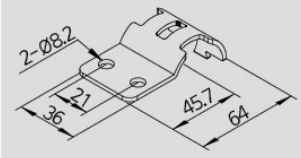




- Weight : 0.043kg
- Q'ty/Box : 360pcs

G-25C

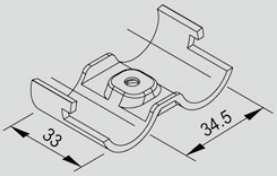




- Weight : 0.042kg
- Q'ty/Box : 300pcs

G-28

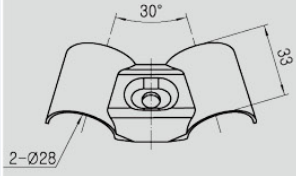




- Weight : 0.050kg
- Q'ty/Box : 240pcs

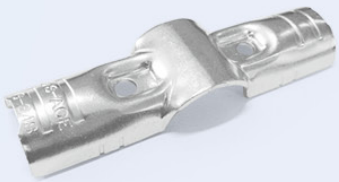
G-30S

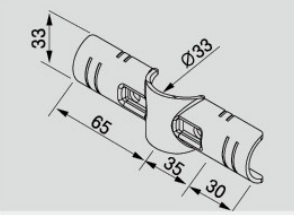




- Weight : 0.060kg
- Q'ty/Box : 240pcs

G-34S





- Weight : 0.105kg
- Q'ty/Box : 180pcs

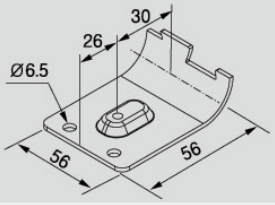
METAL JOINTS FOR ∅28 (S-SERIES)

COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

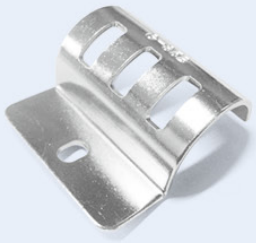
G-35AS

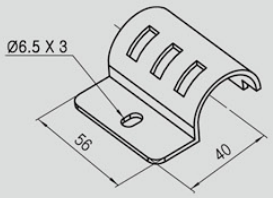




- Weight : 0.080kg
- Q'ty/Box : 240pcs

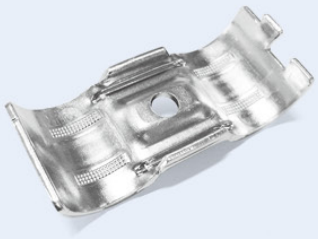
G-35BS

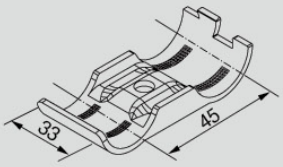




- Weight : 0.075kg
- Q'ty/Box : 240pcs

G-38S



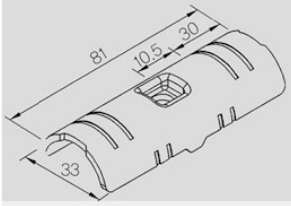


- Weight : 0.057kg
- Q'ty/Box : 300pcs

G-44

Patented

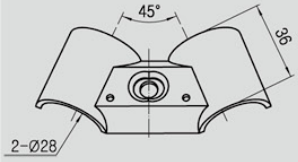




- Weight : 0.070kg
- Q'ty/Box : 270pcs

G-45S

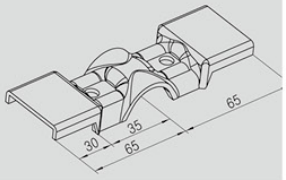




- Weight : 0.071kg
- Q'ty/Box : 200pcs

G-54S

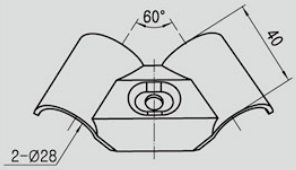




- Weight : 0.099kg
- Q'ty/Box : 120pcs

G-60S

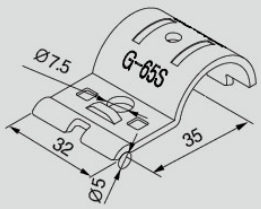




- Weight : 0.076kg
- Q'ty/Box : 200pcs

G-65S For ∅5

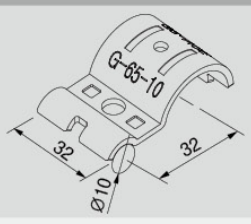




- Weight : 0.038kg
- Q'ty/Box : 480pcs

G-65S-10 For ∅10

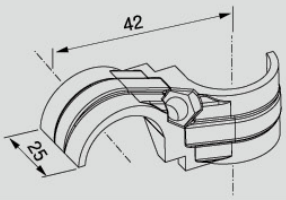




- Weight : 0.0380kg
- Q'ty/Box : 480pcs

G-66 Material : Aluminum





- Weight : 0.026kg
- Q'ty/Box : 120pcs

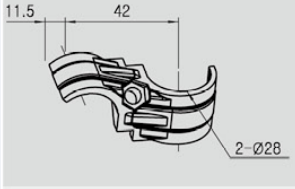
METAL JOINTS FOR Ø28 (S-SERIES)

COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

G-66BS Material : Aluminum

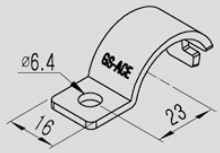




- Weight : 0.026kg
- Q'ty/Box : 120pcs

G-75A

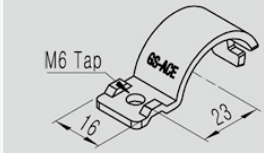




- Weight : 0.016kg
- Q'ty/Box : 400pcs

G-75B



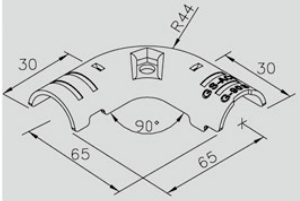


- Weight : 0.016kg
- Q'ty/Box : 400pcs

G-90S

Patented



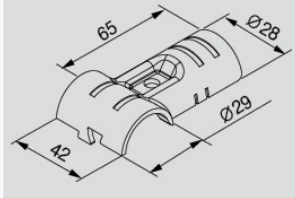


- Weight : 0.096kg
- Q'ty/Box : 100pcs

G-101



* For Ø29

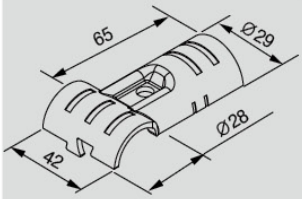


- Weight : 0.074kg
- Q'ty/Box : 180pcs

G-102



* For Ø29

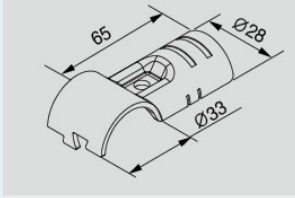


- Weight : 0.074kg
- Q'ty/Box : 200pcs

G-103



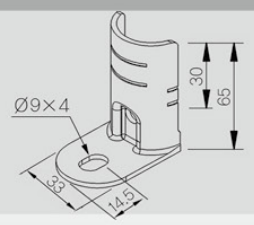
* Joint for assembling on the Joint



- Weight : 0.07kg
- Q'ty/Box : 240pcs

G-104

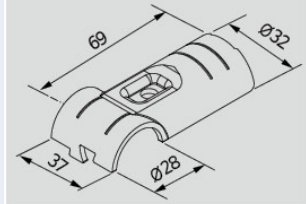




- Weight : 0.070kg
- Q'ty/Box : 240pcs

G-105

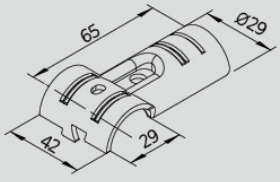




- Weight : 0.080kg
- Q'ty/Box : 200pcs

G-106





- Weight : 0.078kg
- Q'ty/Box : 200pcs

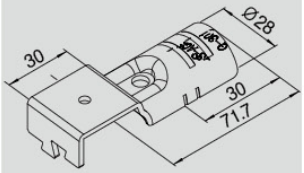
METAL JOINTS FOR Ø28 (S-SERIES)

COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

G-301



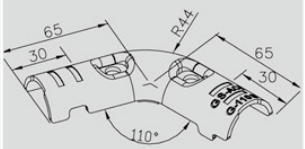


- Weight : 0.077kg
- Q'ty/Box : 180pcs

G-110S

Patented

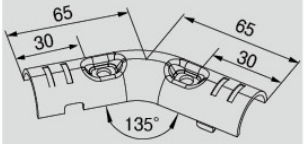




- Weight : 0.103kg
- Q'ty/Box : 100pcs

G-135S



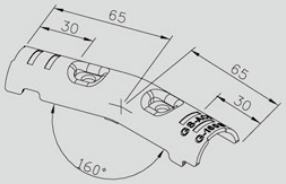


- Weight : 0.102kg
- Q'ty/Box : 100pcs

G-160S

Patented

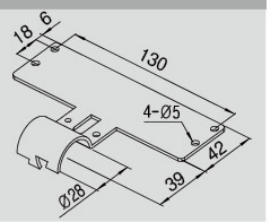




- Weight : 0.105kg
- Q'ty/Box : 100pcs

G-16WP

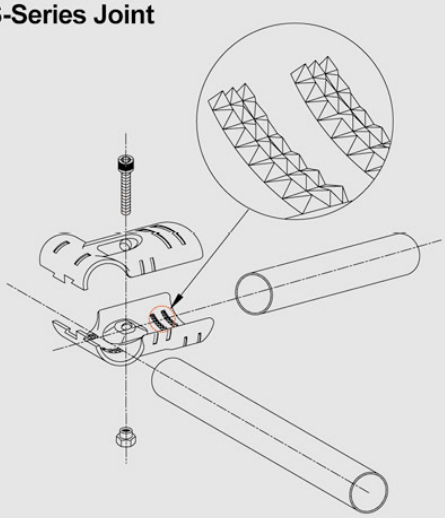




- Weight : 0.128kg
- Q'ty/Box : 50pcs

The Most Innovated Joints In the Industry.

S-Series Joint



METAL JOINTS – SERIES FEATURES

- Newly developed and patented design for Ø28 stainless steel pipes.
- Excellent grip characteristics achieved by introducing series of protruded pyramids in contact with stainless steel pipes.
- When used with coated pipes, grip is enhanced by 30%

SURFACE TREATMENT & CODE NUMBER

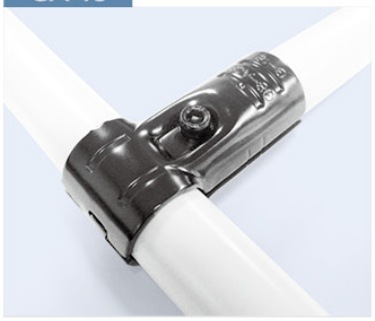
Code		Surface Treatment	Remarks
	BK	Black Coating	Non Chrome
	WZ	Zinc Plating (White)	Cro3
	Ni	Nickel Plating	Non Chrome
	PI	Powder Coating (Ivory)	

METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

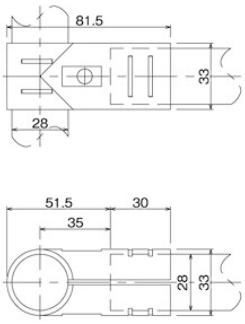
COLOR : ● BK ○ WZ ● NI ○ PI

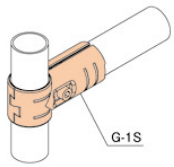
Unit : mm

GA-1S



Material	Metal
G-1S	2pcs
M0625/TN06	1set

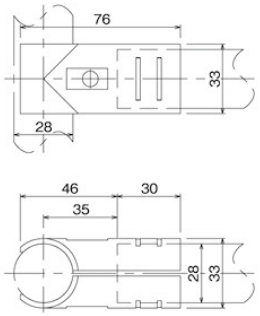


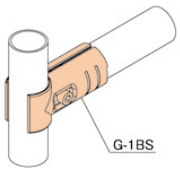


GA-1BS



Material	Metal
G-1BS	2pcs
M0625/TN06	1set

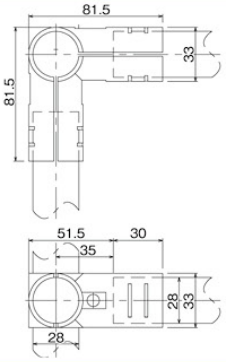


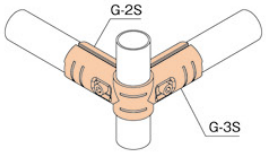


GA-2S



Material	Metal
G-2S	1pcs
G-3S	1pcs
M0625/TN06	2set

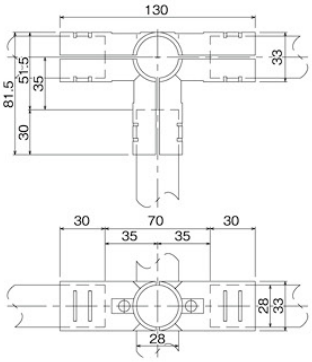


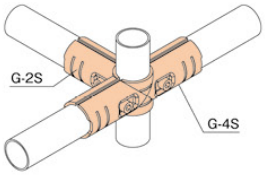


GA-3S



Material	Metal
G-2S	2pcs
G-4S	1pcs
M0625/TN06	3set

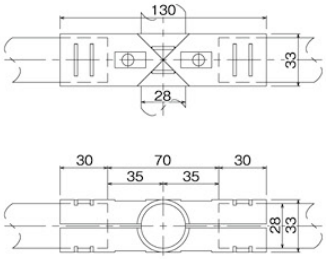


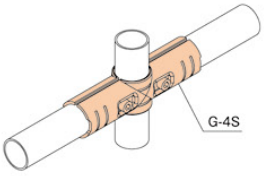


GA-4S



Material	Metal
G-4S	2pcs
M0625/TN06	2set





METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

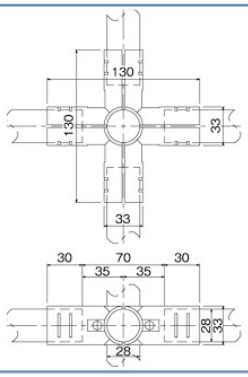
COLOR : ● BK ○ WZ ● NI ○ PI

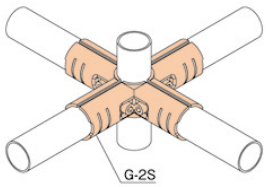
Unit : mm

GA-5S



Material	Metal
G-2S	4pcs
M0625/TN06	4set

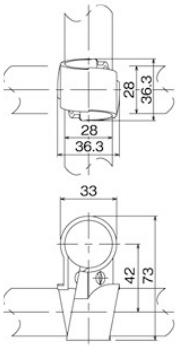


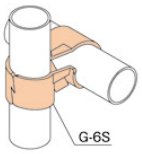


GA-6S



Material	Metal
G-6S	2pcs
M0625/TN06	1set

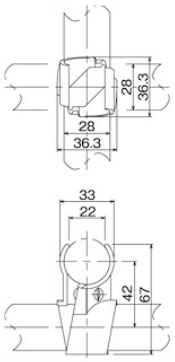


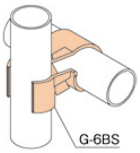


GA-6BS



Material	Metal
G-6BS	2pcs
M0625/TN06	1set

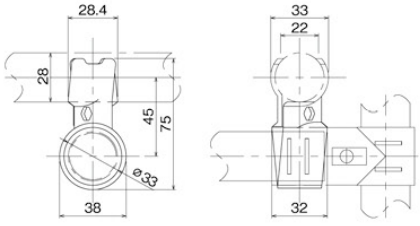


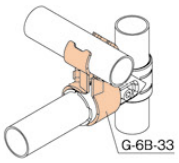


GA-6B-33



Material	Metal
G-6B-33	2pcs
M0625/TN06	1set

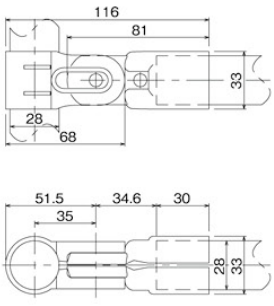


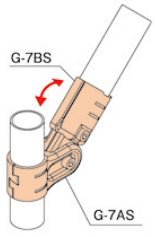


GA-7S



Material	Metal
G-7AS	2pcs
G-7BS	2pcs
M0625/TN06	2set





METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

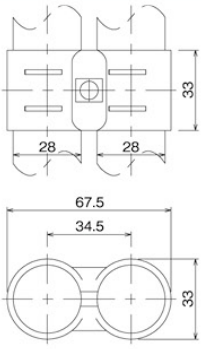
COLOR : ● BK ○ WZ ● NI ○ PI

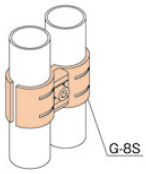
Unit : mm

GA-8S

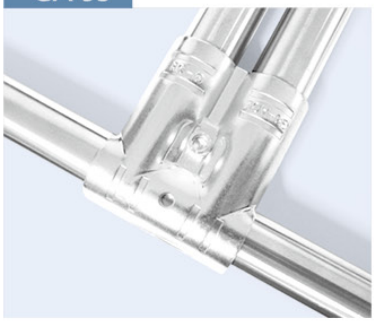


Material	Metal
G-8S	2pcs
M0625/TN06	1set

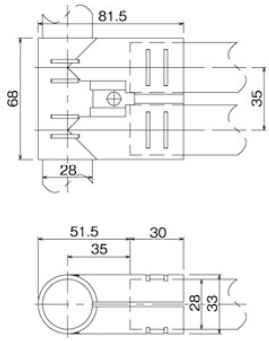


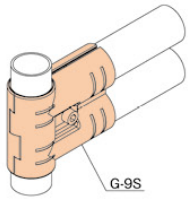


GA-9S

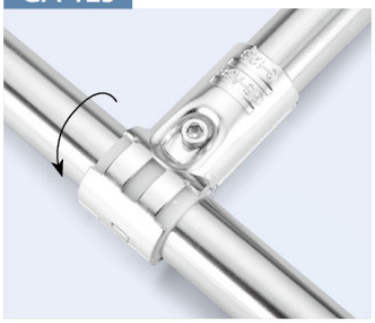


Material	Metal
G-9S	2pcs
M0625/TN06	1set

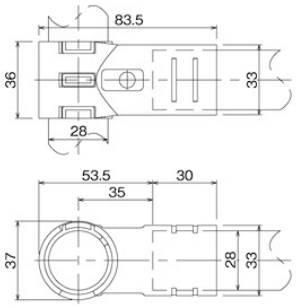


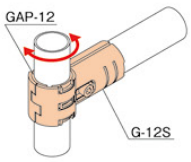


GA-12S



Material	Metal
G-12S	2pcs
GAP-12	1pcs
M0625/TN06	1set

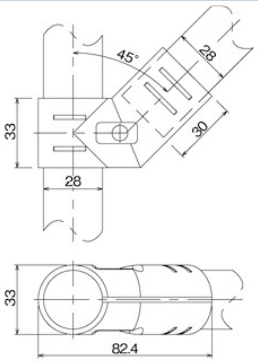


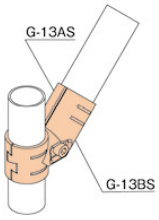


GA-13S



Material	Metal
G-13AS	1pcs
G-13BS	1pcs
M0625/TN06	1set

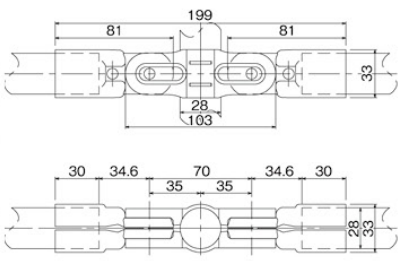


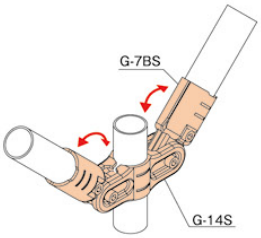


GA-14S



Material	Metal
G-14S	2pcs
G-7BS	4pcs
M0625/TN06	4set





METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

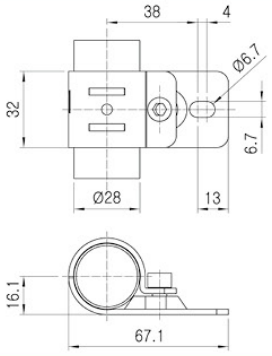
COLOR : ● BK ○ WZ ● NI ○ PI

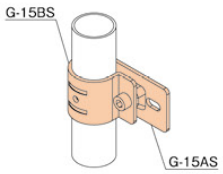
Unit : mm

GA-15S



Material	Metal
G-15AS	1pcs
G-15BS	1pcs
M0610	1pcs

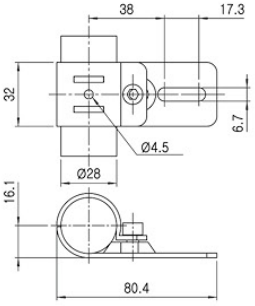


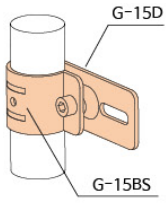


GA-15D



Material	Metal
G-15D	1pcs
G-15BS	1pcs
M0610	1pcs

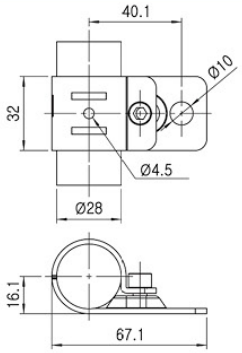


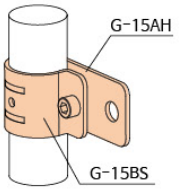


GA-15H



Material	Metal
G-15AH	1pcs
G-15BS	1pcs
M0610	1pcs

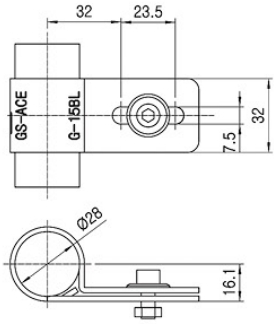


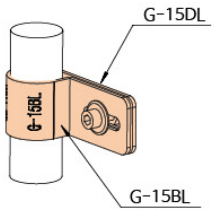


GA-15L



Material	Metal
G-15BL	1pcs
G-15DL	1pcs
M0615	1pcs
N06W-55	1pcs
PW06	1pcs

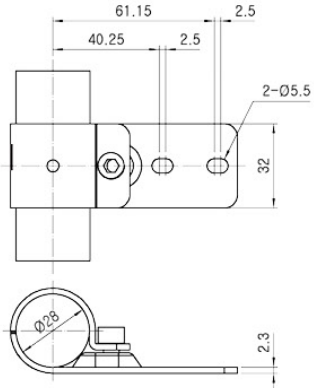


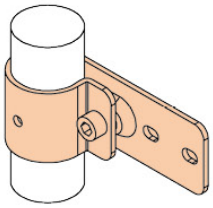


GA-15G



Material	Metal
G-15G	1pcs
G-15BS	1pcs
M0610	1pcs



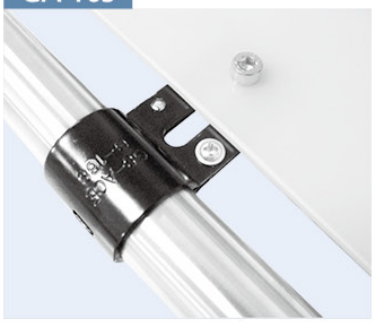


METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

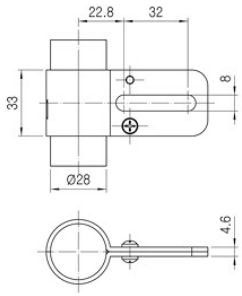
COLOR : ● BK ○ WZ ● NI ○ PI

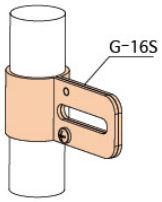
Unit : mm

GA-16S



Material	Metal
G-16S	2pcs
PW8x25	2pcs

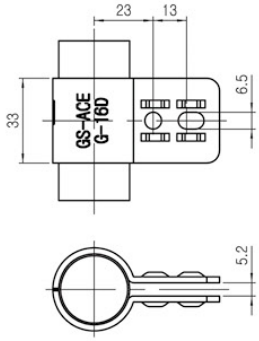


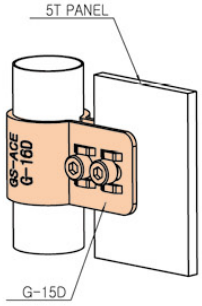


GA-16D For 5T Panel



Material	Metal
G-16D	2pcs
M0615/N06	1set

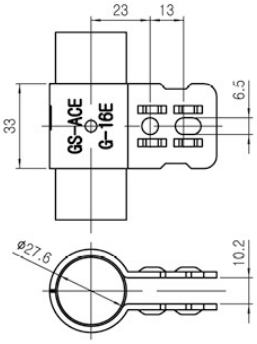


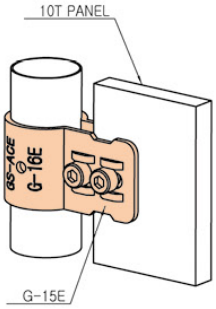


GA-16E For 10T Panel



Material	Metal
G-16E	2pcs
M0620/N06	1set

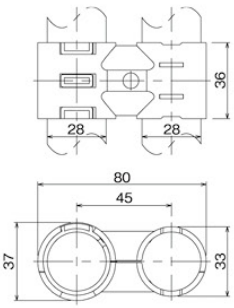


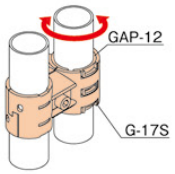


GA-17S



Material	Metal
G-17S	2pcs
GAP-12	1pcs
M0625/TN06	1set

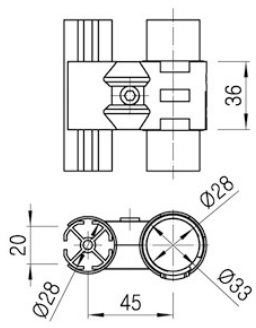


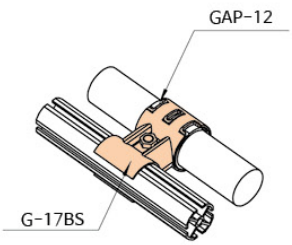


GA-17BS



Material	Metal
G-17BS	2pcs
GAP-12	1pcs
M0625/TN06	1set





METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

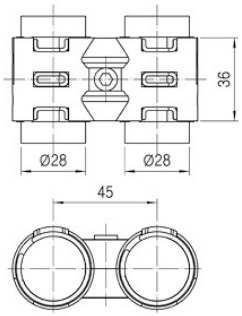
COLOR : ● BK ○ WZ ● NI ○ PI

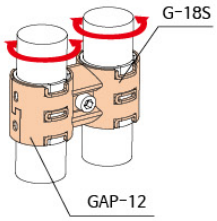
Unit : mm

GA-18S



Material	Metal
G-18S	2pcs
GAP-12	2pcs
M0625/TN06	1set

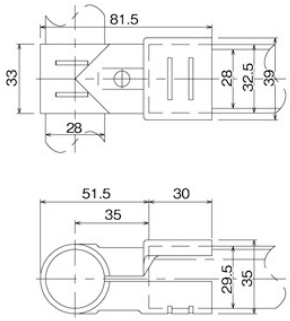


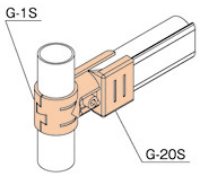


GA-20S

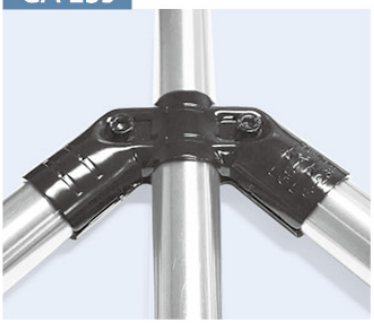


Material	Metal
G-20S	1pcs
G-1S	1pcs
M0625/TN06	1set

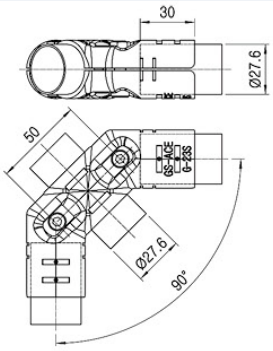


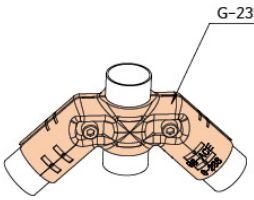


GA-23S



Material	Metal
G-23S	2pcs
M0625/TN06	2set

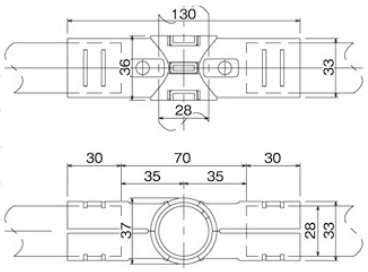


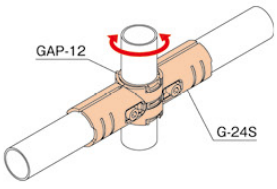


GA-24S



Material	Metal
G-24S	2pcs
GAP-12	1pcs
M0625/TN06	2 set

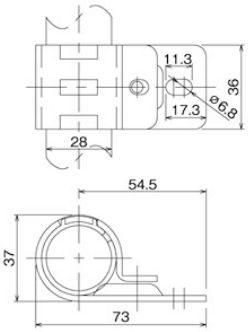


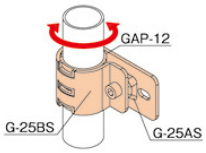


GA-25S



Material	Metal
G-25AS	1pcs
G-25BS	1pcs
GAP-12	1pcs
M0610	1pcs





METAL JOINT ASSEMBLY FOR Ø28 (S-SERIES)

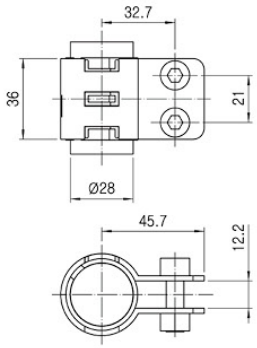
COLOR : ● BK ○ WZ ● NI ○ PI

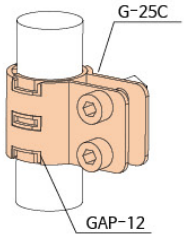
Unit : mm

GA-25C

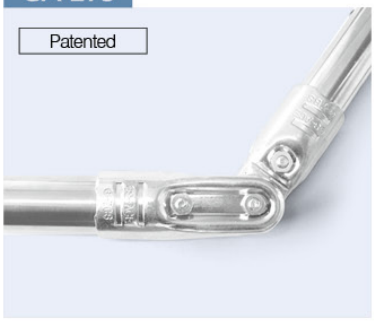


Material	Metal
G-25C	2pcs
GAP-12	1pcs
M0825/N06	2set

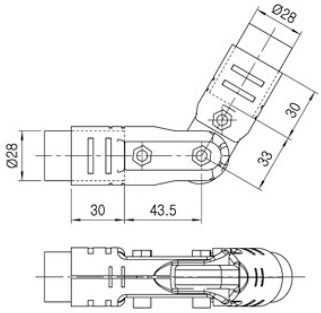


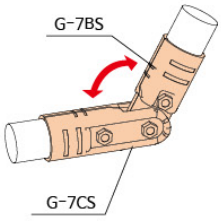


GA-27S



Material	Metal
G-7CS	2pcs
G-7BS	2pcs
M0625/TN06	3set

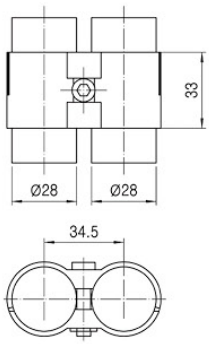


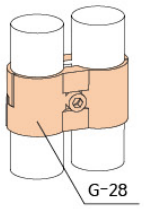


GA-28



Material	Metal
G-28	2pcs
M0625/TN06	1set

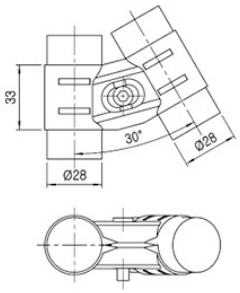


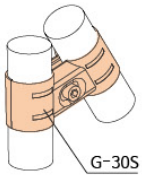


GA-30S

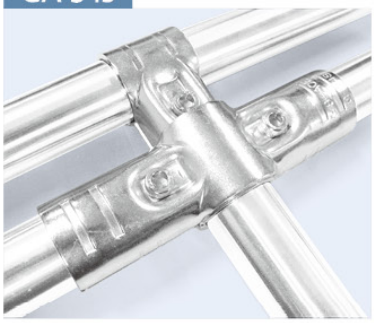


Material	Metal
G-30S	2pcs
M0625/TN06	1set



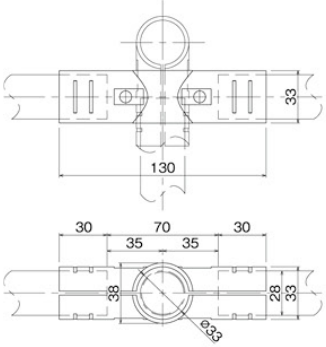


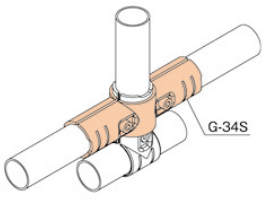
GA-34S



Material	Metal
G-34S	2pcs
M0625/TN06	2set

* Joint for assembling on the Joint



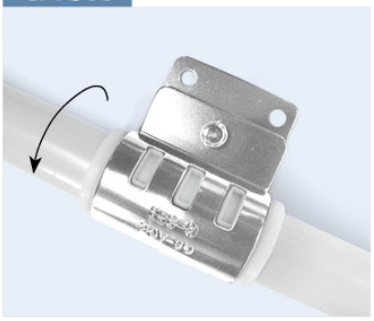


METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

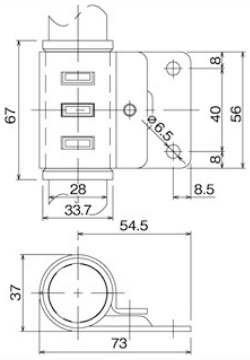
COLOR : ● BK ○ WZ ● NI ○ PI

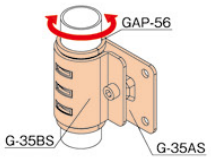
Unit : mm

GA-35S



Material	Metal
G-35AS	1pcs
G-35BS	1pcs
GAP-56	1pcs
M0610	1pcs

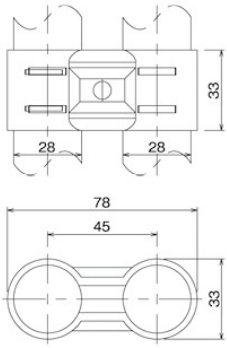


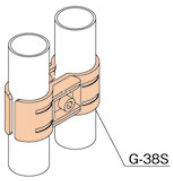


GA-38S



Material	Metal
G-38S	2pcs
M0625/TN06	1set

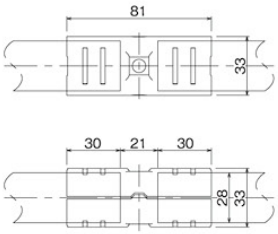


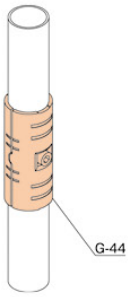


GA-44



Material	Metal
G-44	2pcs
M0625/TN06	1set

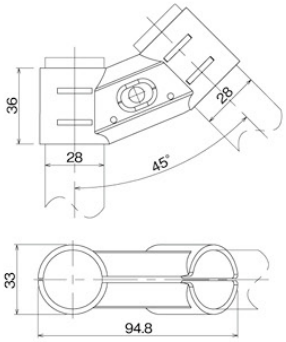


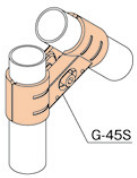


GA-45S



Material	Metal
G-45S	2pcs
M0625/TN06	1set

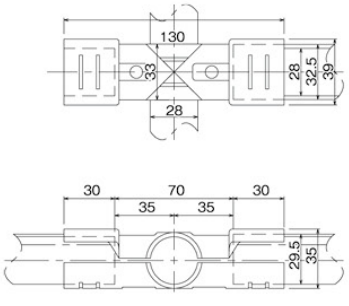


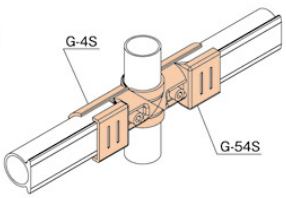


GA-54S



Material	Metal
G-54S	1pcs
G-4S	1pcs
M0625/TN06	2set





METAL JOINT ASSEMBLY FOR Ø28 (S-SERIES)

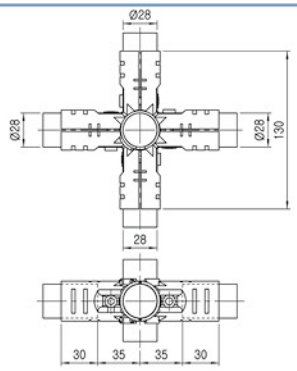
COLOR : ● BK ○ WZ ● NI ○ PI

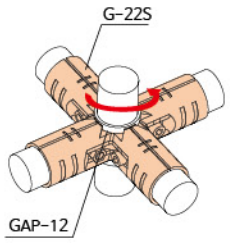
Unit : mm

GA-55S



Material	Metal
G-22S	4pcs
GAP-12	1pcs
M0625/TN06	4set

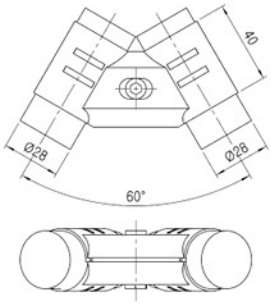


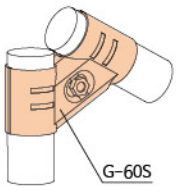


GA-60S



Material	Metal
G-60S	2pcs
M0625/TN06	1set

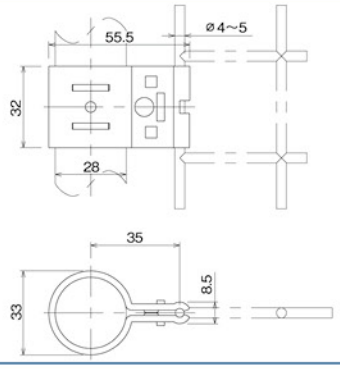


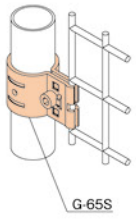


GA-65S For Ø5

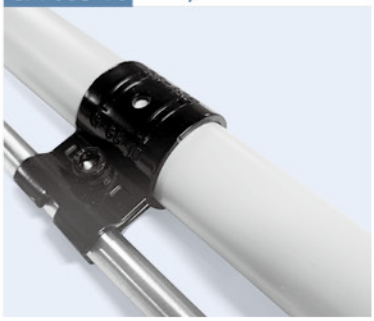


Material	Metal
G-65S	2pcs
M0615/TN06	1set

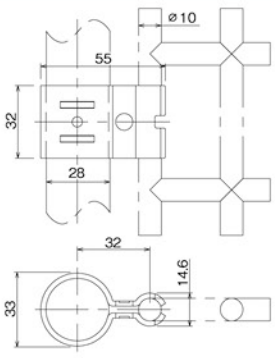


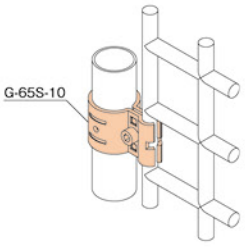


GA-65S-10 For Ø10



Material	Metal
G-65S-10	2pcs
M0615/TN06	1set

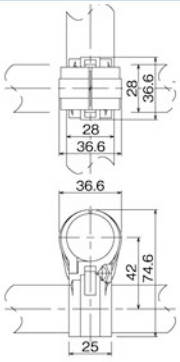


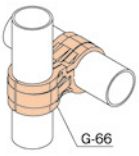


GA-66 Material : Aluminum



Material	Aluminum
G-66	2pcs
M0625/TN06	1set





METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

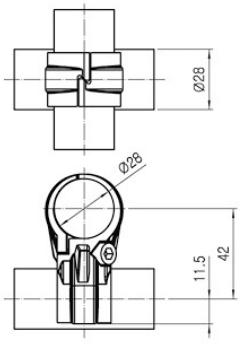
COLOR : ● BK ○ WZ ● NI ○ PI

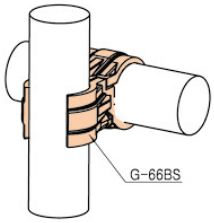
Unit : mm

GA-66BS Material : Aluminum



Material	Aluminum
GA-66BS	2pcs
M0625/TN06	1set

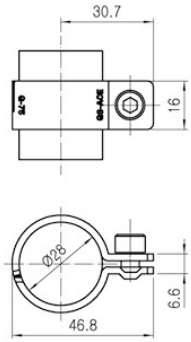


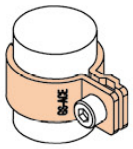


GA-75 Joint Stopper



Material	Metal
G-75A	1pcs
G-75B	1pcs
M0610	1pcs

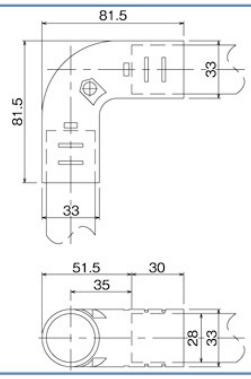


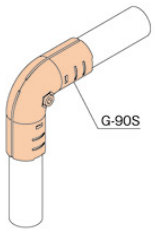


GA-90S



Material	Metal
G-90S	2pcs
M0625/TN06	1set

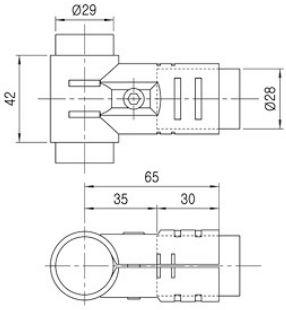


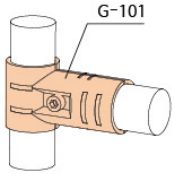


GA-101



Material	Metal
G-101	2pcs
M0625/TN06	1set

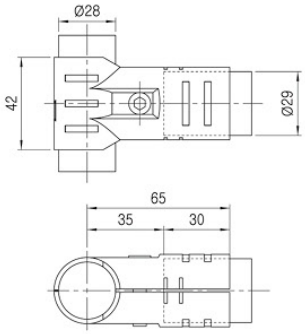


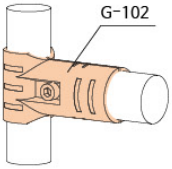


GA-102



Material	Metal
G-102	2pcs
M0625/TN06	1set





METAL JOINT ASSEMBLY FOR Ø28 (S-SERIES)

COLOR : ● BK ○ WZ ● NI ○ PI

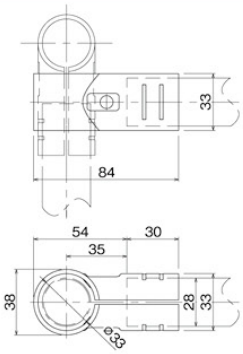
Unit : mm

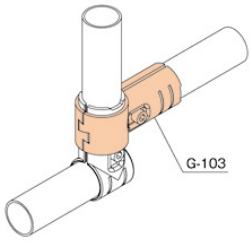
GA-103



Material	Metal
G-103	2pcs
M0625/TN06	1set

* Joint for assembling on the Joint

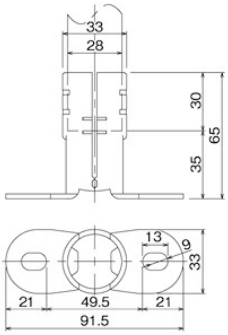


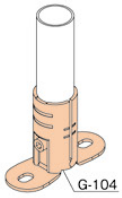


GA-104



Material	Metal
G-104	2pcs
M0625/TN06	1set

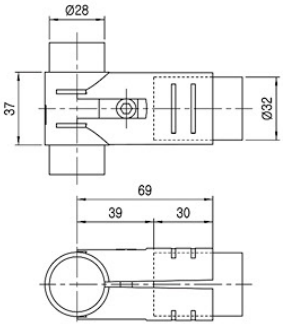


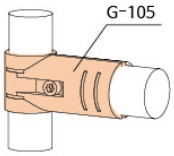


GA-105



Material	Metal
G-105	2pcs
M0625/TN06	1set

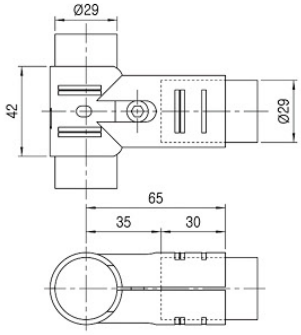


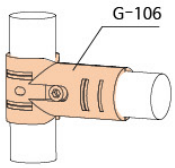


GA-106



Material	Metal
G-106	2pcs
M0625/TN06	1set

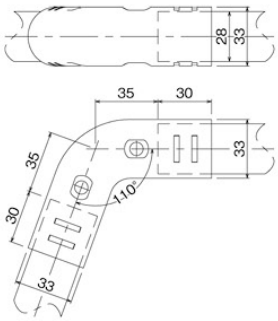


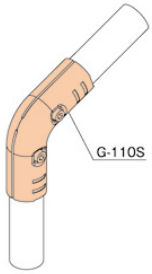


GA-110S



Material	Metal
G-110S	2pcs
M0625/TN06	2set





METAL JOINT ASSEMBLY FOR ∅28 (S-SERIES)

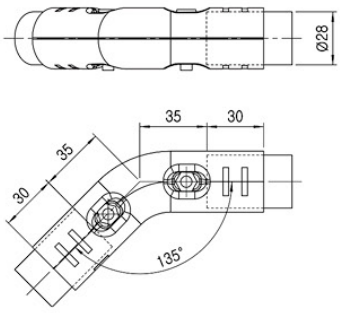
COLOR : ● BK ○ WZ ● NI ○ PI

Unit : mm

GA-135S



Material	Metal
G-135S	2pcs
M0625/TN06	2set

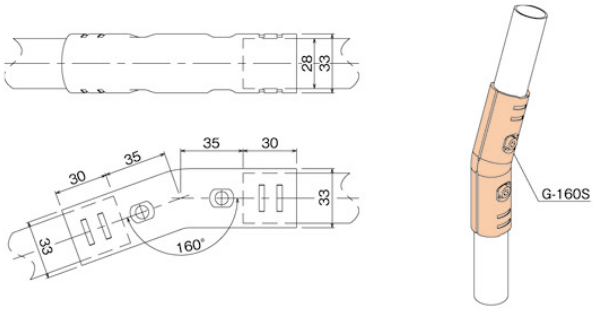


GA-160S

Patented



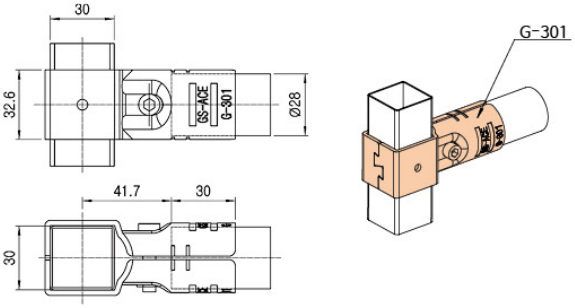
Material	Metal
G-160S	2pcs
M0625/TN06	2 set



GA-301



Material	Steel
G-301	2pcs
M0625/TN06	1 set

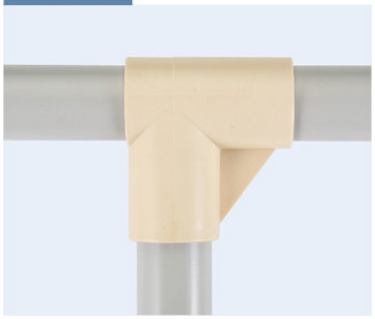


PLASTIC JOINTS

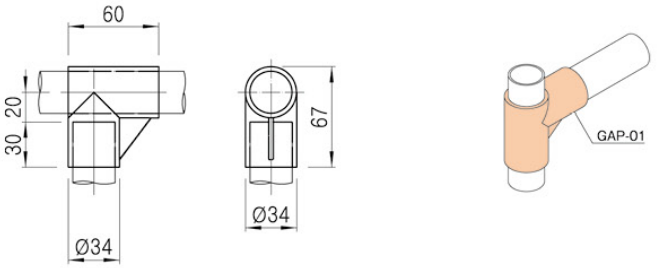
COLOR : Ivory (i) Gray G Green N Esd E

Unit : mm

GAP-1 Plastic Joint



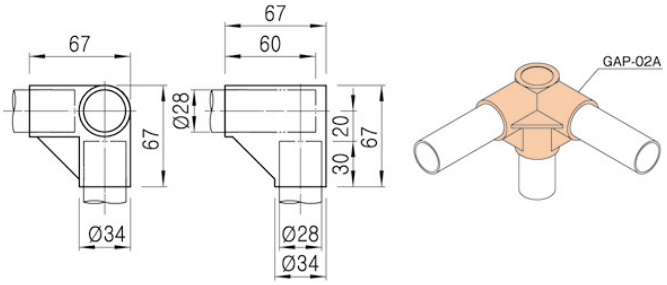
Material	ABS
Weight	0.030kg
Q'ty/Box	150pcs



GAP-2A Plastic Joint



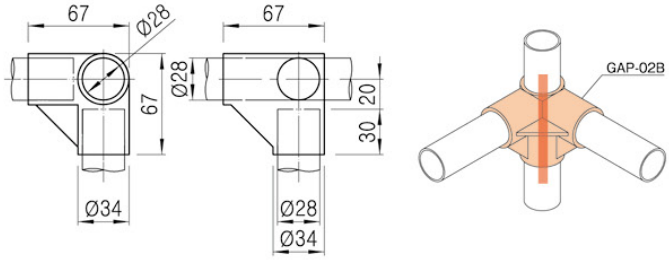
Material	ABS
Weight	0.045kg
Q'ty/Box	75pcs



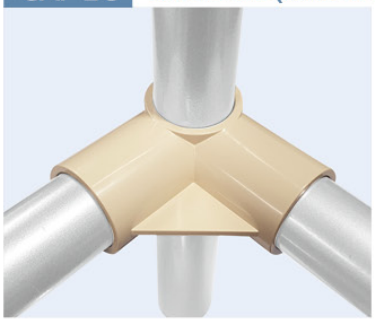
GAP-2B Plastic Joint (Penetrated Model)



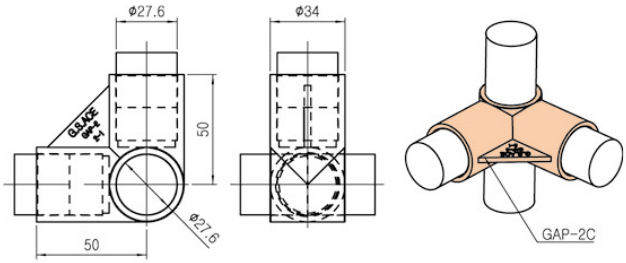
Material	ABS
Weight	0.048kg
Q'ty/Box	75pcs



GAP-2C Plastic Joint (Penetrated Model)



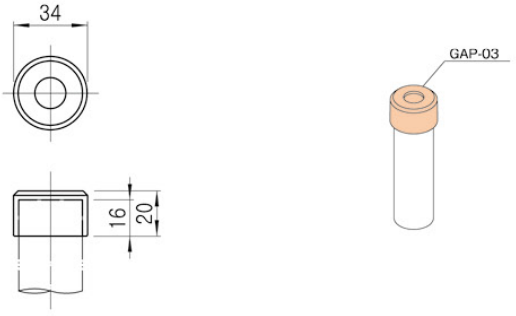
Material	ABS
Weight	0.036kg
Q'ty/Box	150pcs



GAP-3 Outer Cap



Material	ABS
Weight	0.009kg
Q'ty/Box	900pcs



PLASTIC JOINTS

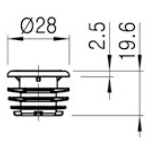
COLOR : Ivory (I) Gray (G) Green (N) Esd (E)

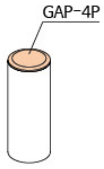
Unit : mm

GAP-4P Inner Cap



Material	LDPE
Weight	0.003kg
Q'ty/Box	1500pcs

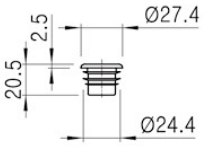


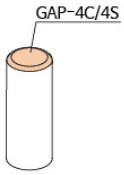


GAP-4C/4S Inner Cap



Material	LDPE
Weight	0.003kg
Q'ty/Box	1500pcs



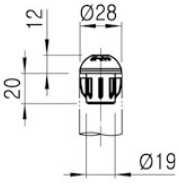


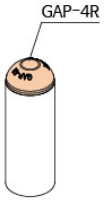
GAP-4R Rubber Cap



Material	TPU
Weight	0.009kg
Q'ty/Box	900pcs

* Color : BK

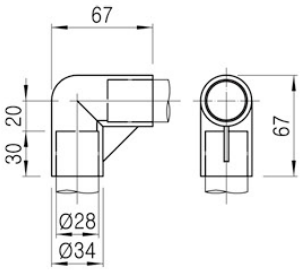


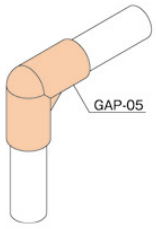


GAP-5 Plastic Joint Corner

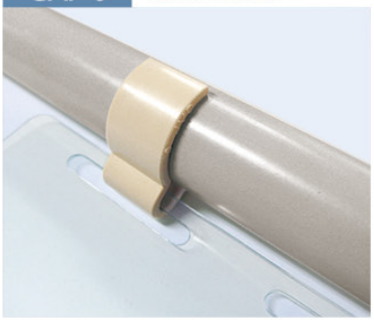


Material	ABS
Weight	0.032kg
Q'ty/Box	150pcs

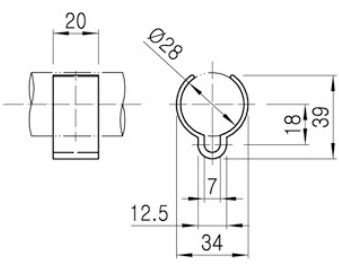


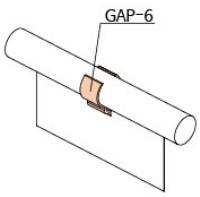


GAP-6 Label Holder



Material	ABS
Weight	0.005kg
Q'ty/Box	1200pcs



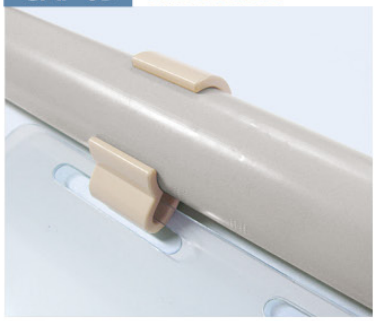


PLASTIC JOINTS

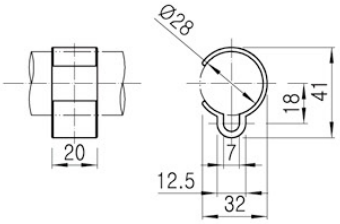
COLOR : Ivory (i) Gray G Green N Esd E

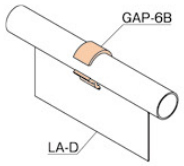
Unit : mm

GAP-6B Label Holder



Material	ABS
Weight	0.005kg
Q'ty/Box	1200pcs

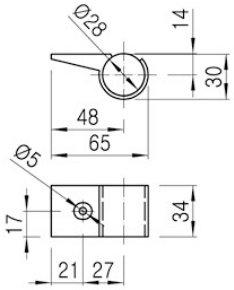


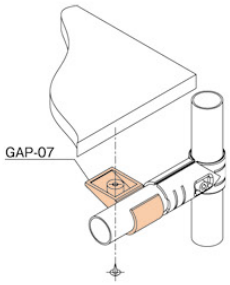


GAP-7 Plastic Joint



Material	ABS
Weight	0.011kg
Q'ty/Box	450pcs

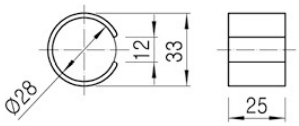


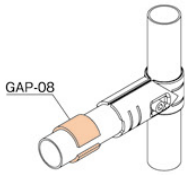


GAP-8 Horizontal Holder



Material	ABS
Weight	0.005kg
Q'ty/Box	1200pcs

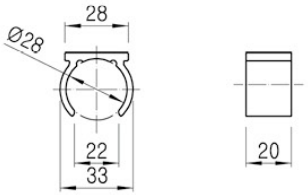


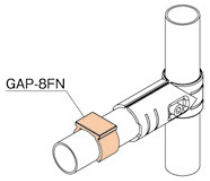


GAP-8FN Horizontal Holder (Flat Type)



Material	ABS
Weight	0.005kg
Q'ty/Box	1200pcs



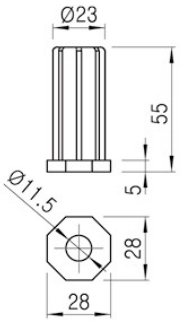


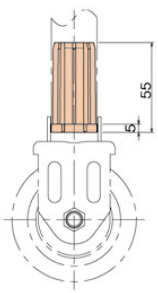
GAP-9C-07 Grip Bushing (Coating Pipe:Ø28×T0.7)



Material	NYLON66
Weight	0.016kg
Q'ty/Box	450pcs

* Color : BK



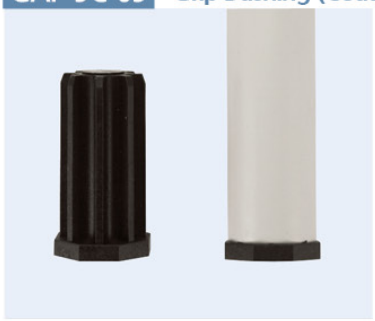


PLASTIC JOINTS

COLOR : Ivory (i) Gray G Green N Esd E

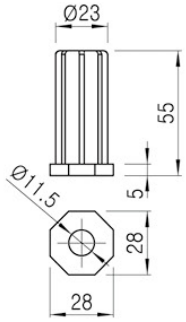
Unit : mm

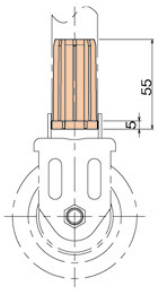
GAP-9C-09 Grip Bushing (Coating Pipe:Ø28×T0.9)



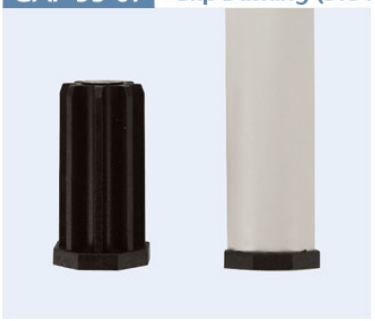
Material	NYLON66
Weight	0.016kg
Q'ty/Box	450pcs

* Color : BK



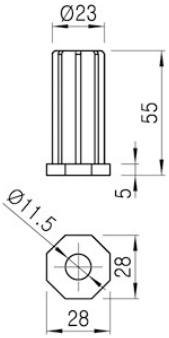


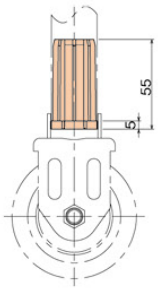
GAP-9S-07 Grip Bushing (STS Pipe:Ø28×T0.7)



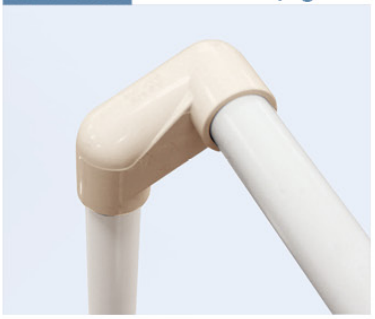
Material	NYLON66
Weight	0.016kg
Q'ty/Box	450pcs

* Color : BK





GAP-10R Plastic Joint (Right side handle)

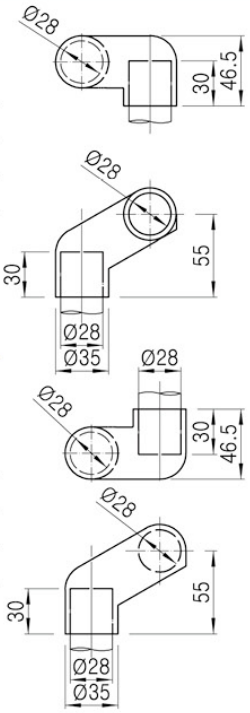


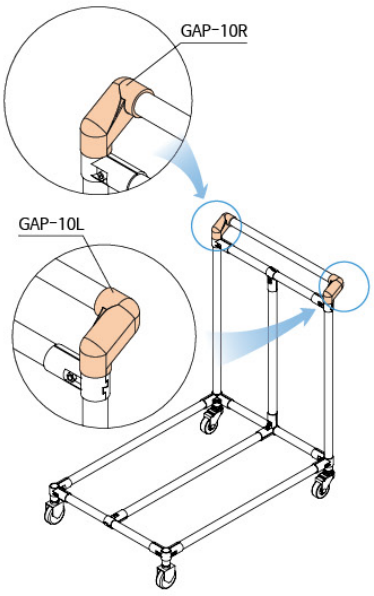
Material	ABS
Weight	0.042kg
Q'ty/Box	120pcs

GAP-10L Plastic Joint (Left side handle)



Material	ABS
Weight	0.042kg
Q'ty/Box	120pcs





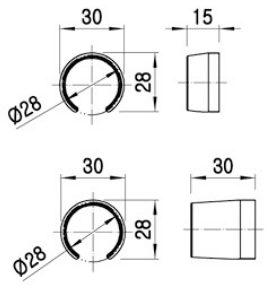
GAP-11/11L Taper Edge

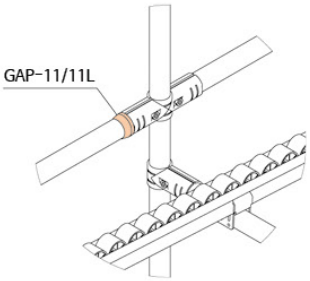


Model	GAP-11
Material	ABS
Weight	0.002kg
Q'ty/Box	2500pcs

Model	GAP-11L
Material	ABS
Weight	0.004kg
Q'ty/Box	1200pcs

For preventing stuck to Joint when move the box





PLASTIC JOINTS

COLOR : Ivory (I) Gray (G) Green (N) Esd (E)

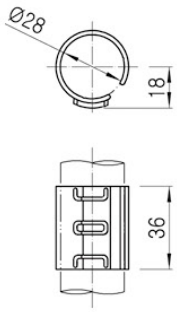
Unit : mm

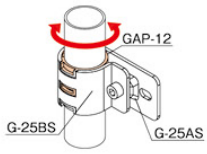
GAP-12 Sleeve (For GA-12S/17S/18S/24S/25S)



Material	PE
Weight	0.007kg
Q'ty/Box	600pcs

* Color : White

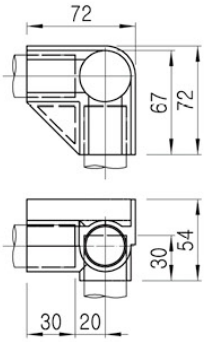


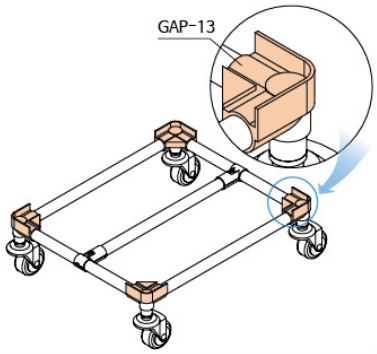


GAP-13 Plastic Joint Corner



Material	ABS
Weight	0.059kg
Q'ty/Box	75pcs

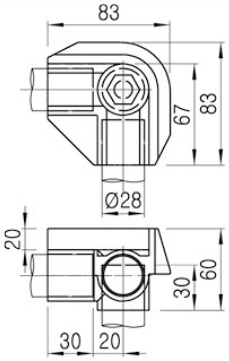


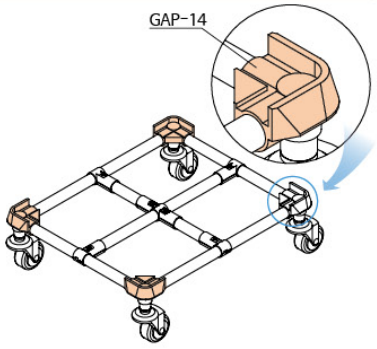


GAP-14 Plastic Joint Corner Cushion Type



Material	ABS
Weight	0.082kg
Q'ty/Box	75pcs

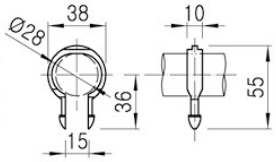


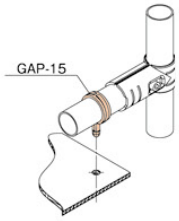


GAP-15 Sheet Holder

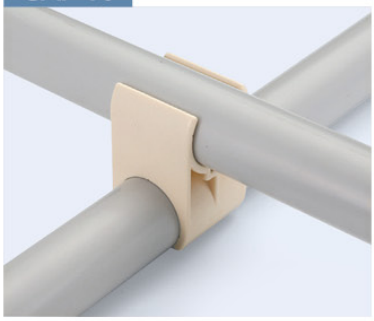


Material	ABS
Weight	0.003kg
Q'ty/Box	1500pcs

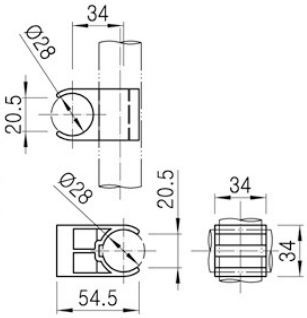


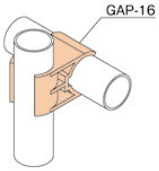


GAP-16 Plastic Joint



Material	ABS
Weight	0.018kg
Q'ty/Box	300pcs





PLASTIC JOINTS

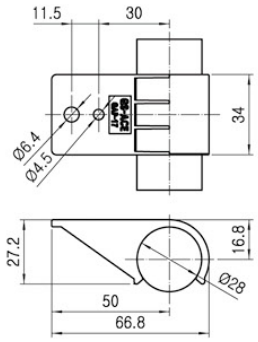
COLOR : Ivory (i) Gray G Green N Esd E

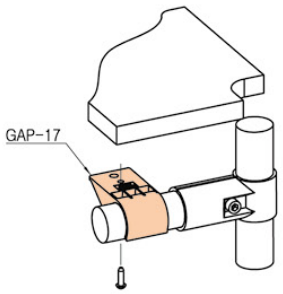
Unit : mm

GAP-17 Plastic Joint

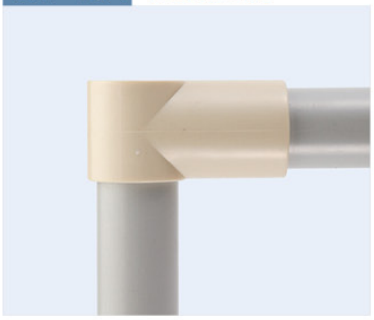


Material	ABS
Weight	0.014kg
Q'ty/Box	400pcs

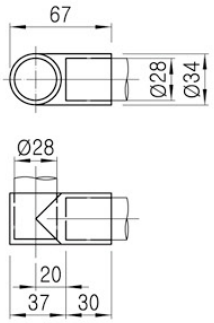


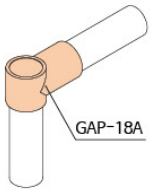


GAP-18A Plastic Joint

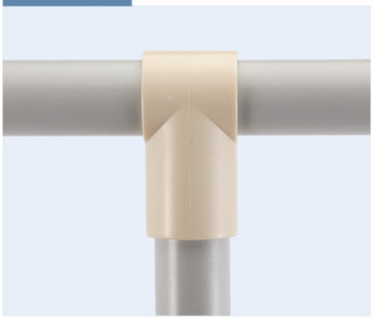


Material	ABS
Weight	0.023kg
Q'ty/Box	240pcs

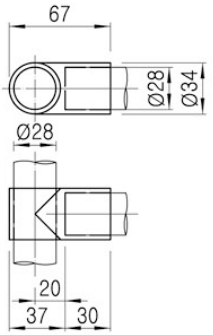


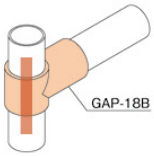


GAP-18B Plastic Joint



Material	ABS
Weight	0.022kg
Q'ty/Box	240pcs

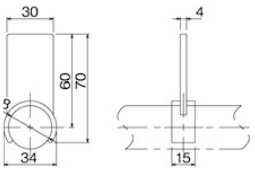


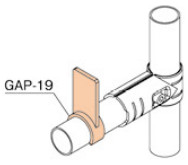


GAP-19 Plastic Joint

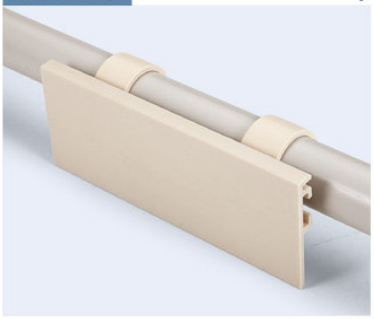


Material	ABS
Weight	0.009kg
Q'ty/Box	750pcs

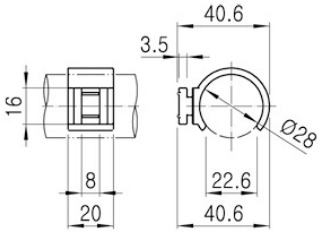


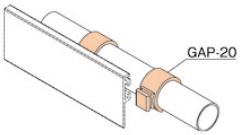


GAP-20 Name Plate Holder (Requires NP-B or NP-M, sold separately)



Material	ABS
Weight	0.006kg
Q'ty/Box	1200pcs



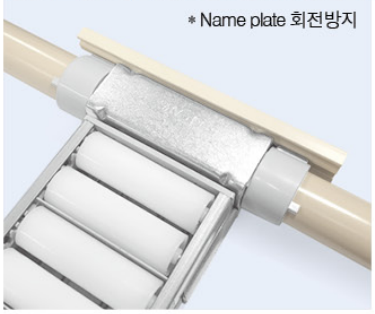


PLASTIC JOINTS

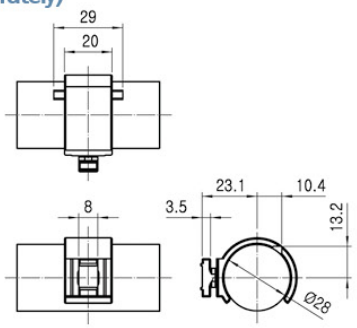
COLOR : Ivory (i) Gray G Green N Esd E

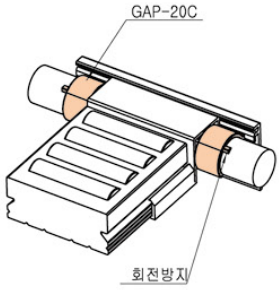
Unit : mm

GAP-20C Name Plate Holder (Requires NP-B or NP-M, sold separately)

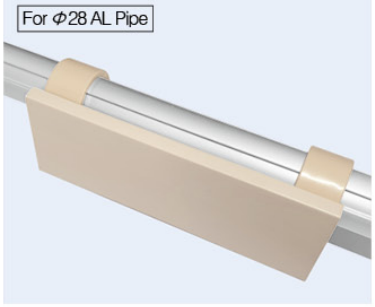


Material	ABS
Weight	0.006kg
Q'ty/Box	900pcs

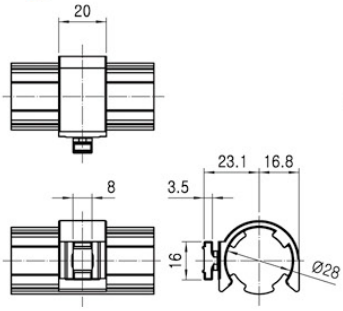


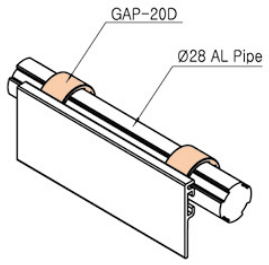


GAP-20D Name Plate Holder (Requires NP-B or NP-M, sold separately)

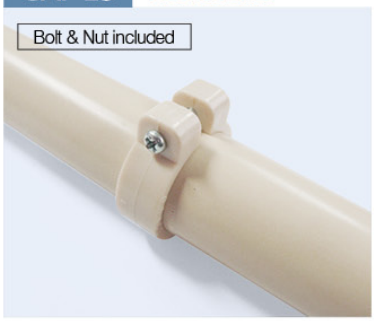


Material	ABS
Weight	0.006kg
Q'ty/Box	1200pcs



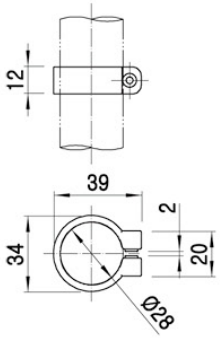


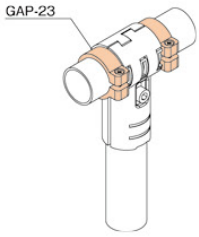
GAP-23 Plastic Joint



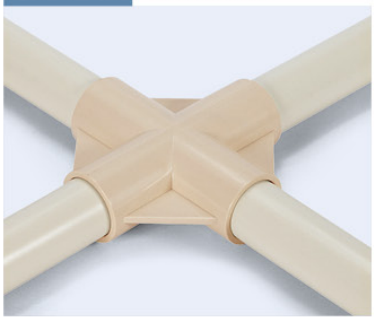
Material	PE
Weight	0.020kg
Q'ty/Box	1500pcs

Bolt : M3x20
Nut : M3

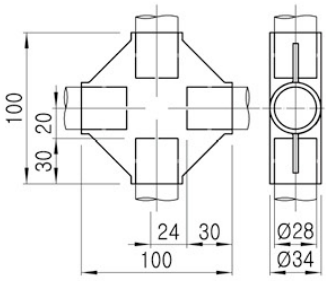


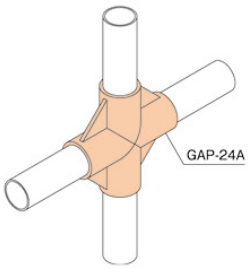


GAP-24A Plastic Joint



Material	ABS
Weight	0.060kg
Q'ty/Box	75pcs

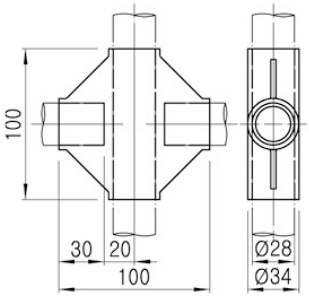


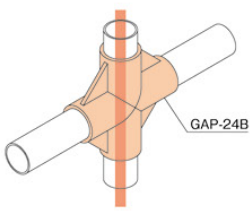


GAP-24B Plastic Joint (Penetrated Model)



Material	ABS
Weight	0.057kg
Q'ty/Box	75pcs





PLASTIC JOINTS

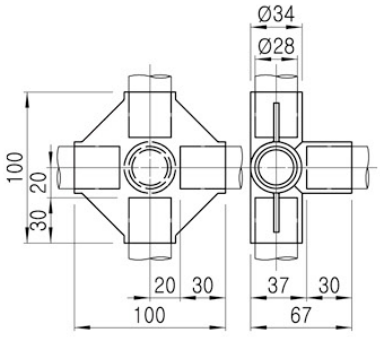
COLOR : Ivory (I) Gray (G) Green (N) Esd (E)

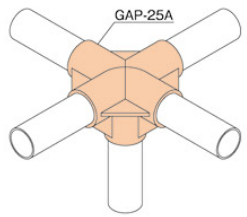
Unit : mm

GAP-25A Plastic Joint



Material	ABS
Weight	0.075kg
Q'ty/Box	45pcs

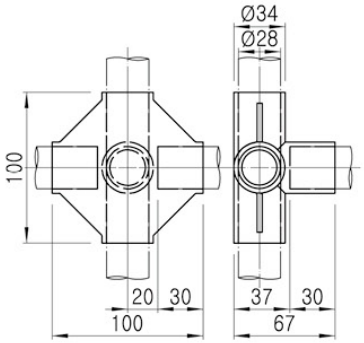


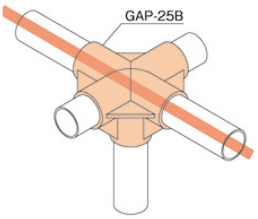


GAP-25B Plastic Joint (Penetrated Model)



Material	ABS
Weight	0.072kg
Q'ty/Box	45pcs

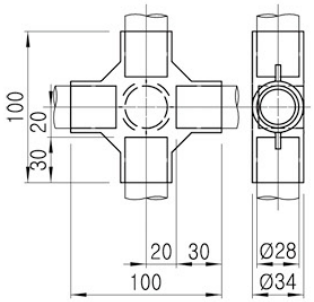


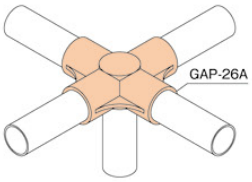


GAP-26A Plastic Joint



Material	ABS
Weight	0.055kg
Q'ty/Box	75pcs

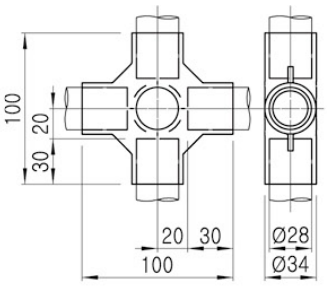


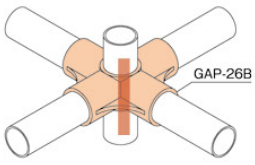


GAP-26B Plastic Joint (Penetrated Model)



Material	ABS
Weight	0.054kg
Q'ty/Box	75pcs

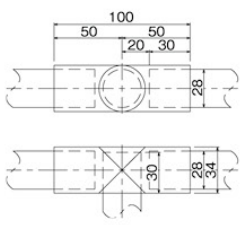


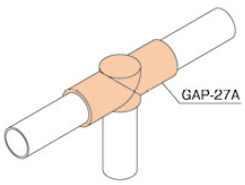


GAP-27A Plastic Joint



Material	ABS
Weight	0.035kg
Q'ty/Box	150pcs





PLASTIC JOINTS

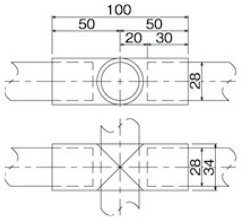
COLOR : Ivory (i) Gray G Green N Esd E

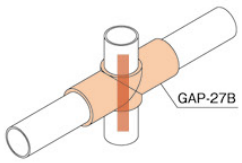
Unit : mm

GAP-27B Plastic Joint (Penetrated Model)



Material	ABS
Weight	0.033kg
Q'ty/Box	150pcs

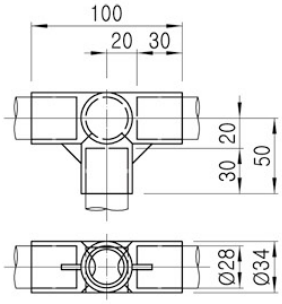


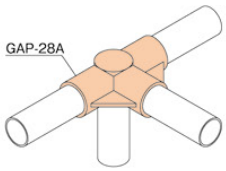


GAP-28A Plastic Joint



Material	ABS
Weight	0.046kg
Q'ty/Box	90pcs

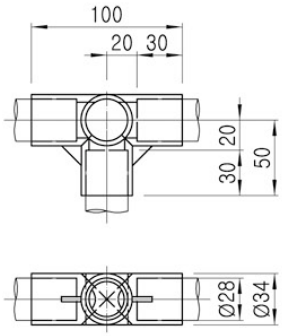


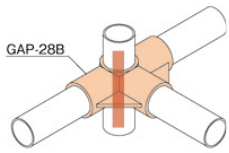


GAP-28B Plastic Joint (Penetrated Model)



Material	ABS
Weight	0.044kg
Q'ty/Box	90pcs

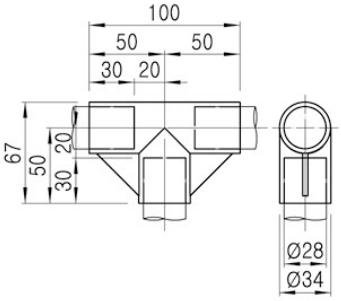


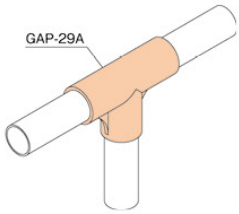


GAP-29A Plastic Joint



Material	ABS
Weight	0.045kg
Q'ty/Box	90pcs

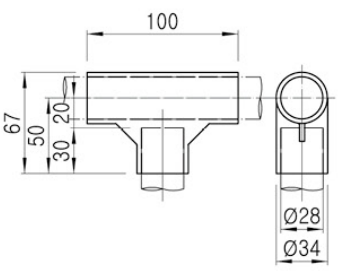


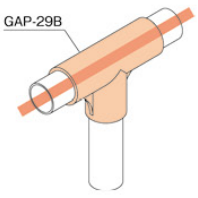


GAP-29B Plastic Joint (Penetrated Model)



Material	ABS
Weight	0.043kg
Q'ty/Box	90pcs





PLASTIC JOINTS

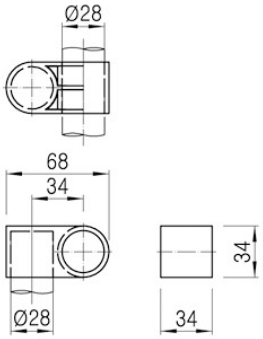
COLOR : Ivory (I) Gray (G) Green (N) Esd (E)

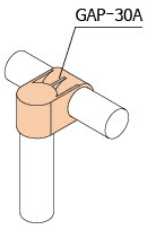
Unit : mm

GAP-30A Plastic Joint

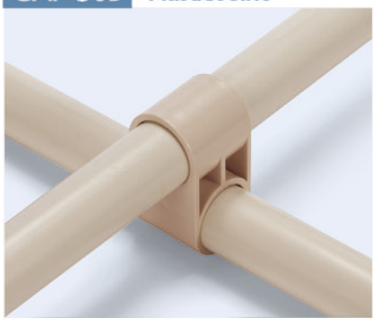


Material	ABS
Weight	0.026kg
Q'ty/Box	210pcs

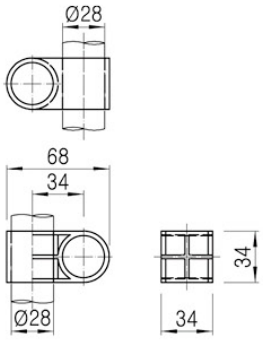


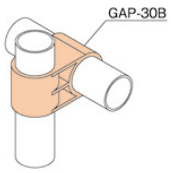


GAP-30B Plastic Joint



Material	ABS
Weight	0.025kg
Q'ty/Box	210pcs

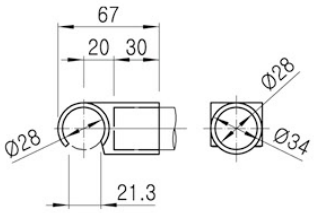


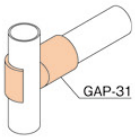


GAP-31 Plastic Joint



Material	ABS
Weight	0.020kg
Q'ty/Box	210pcs

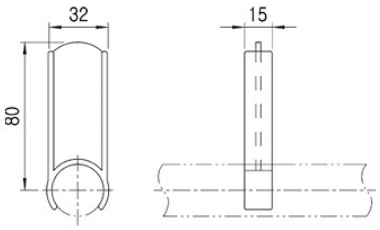


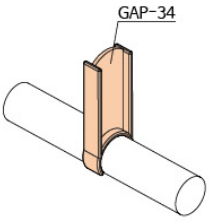


GAP-34 Plastic Joint

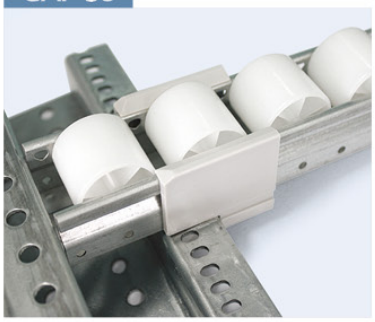


Material	ABS
Weight	0.014kg
Q'ty/Box	400pcs

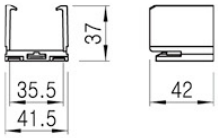


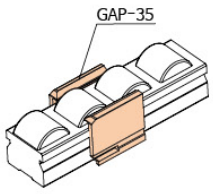


GAP-35 Plastic Joint



Material	NYLON66
Weight	0.015kg
Q'ty/Box	300pcs



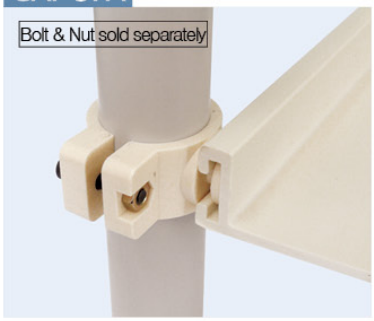


PLASTIC JOINTS

COLOR : Ivory (i) Gray G Green N Esd E

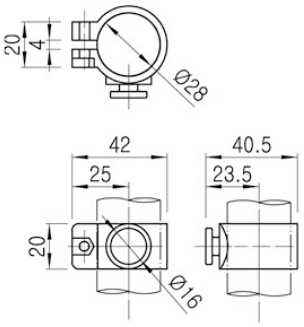
Unit : mm

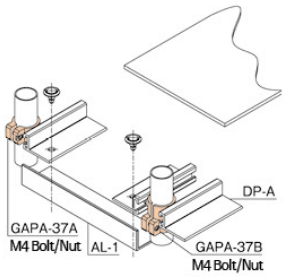
GAP-37A Plastic Joint



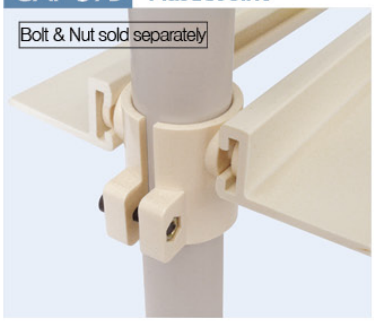
Material	PE
Weight	0.011kg
Q'ty/Box	600pcs

* Bolt : M4x20
* Nut : M4



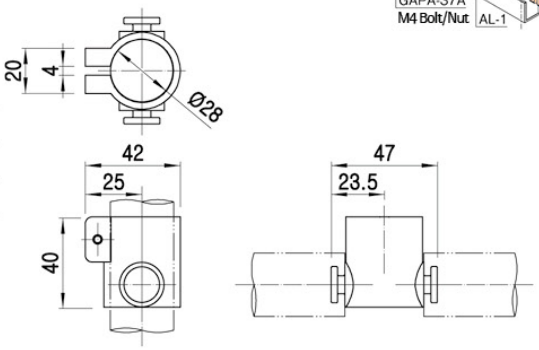


GAP-37B Plastic Joint



Material	PE
Weight	0.019kg
Q'ty/Box	300pcs

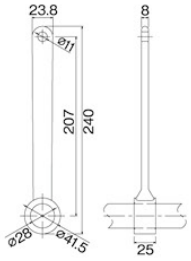
* Bolt : M4x20
* Nut : M4

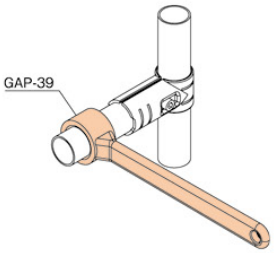


GAP-39 Plastic Joint



Material	PP
Weight	0.047kg
Q'ty/Box	120pcs

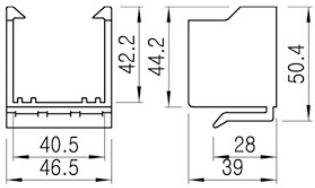


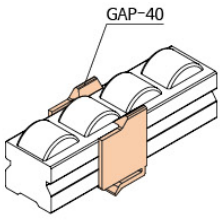


GAP-40 Plastic Joint



Material	NYLON66
Weight	0.034kg
Q'ty/Box	150pcs

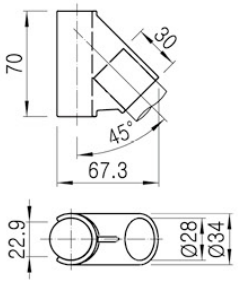


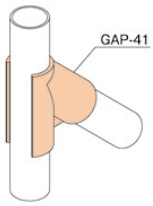


GAP-41 Plastic Joint



Material	ABS
Weight	0.030kg
Q'ty/Box	150pcs





PLASTIC JOINTS

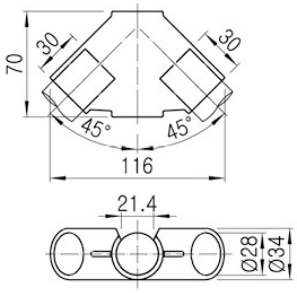
COLOR : Ivory (i) Gray G Green N Esd E

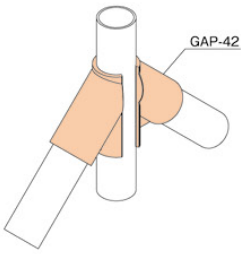
Unit : mm

GAP-42 Plastic Joint



Material	ABS
Weight	0.045kg
Q'ty/Box	90pcs

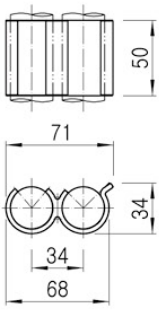


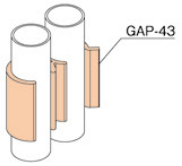


GAP-43 Plastic Joint



Material	NYLON6
Weight	0.028kg
Q'ty/Box	150pcs



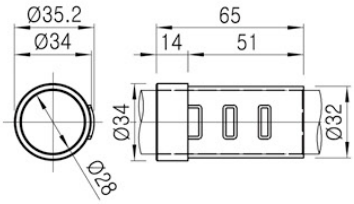


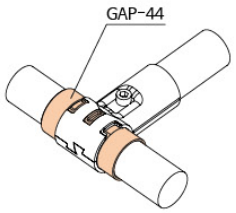
GAP-44 Sleeve (For GA-12S/17S/18S/24S/25S)



Material	PE
Weight	0.020kg
Q'ty/Box	200pcs

* Color : White

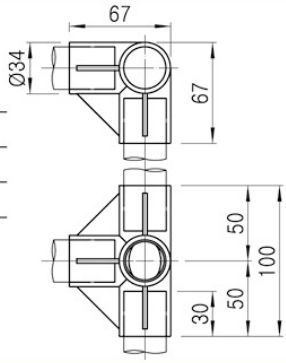


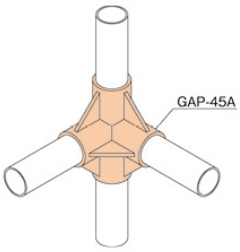


GAP-45A Plastic Joint



Material	ABS
Weight	0.060kg
Q'ty/Box	75pcs

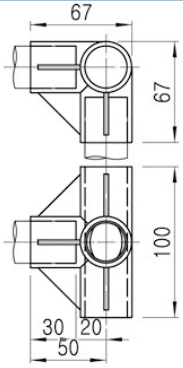


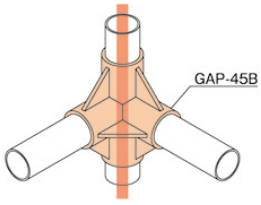


GAP-45B Plastic Joint (Penetrated Model)



Material	ABS
Weight	0.060kg
Q'ty/Box	75pcs





PLASTIC JOINTS

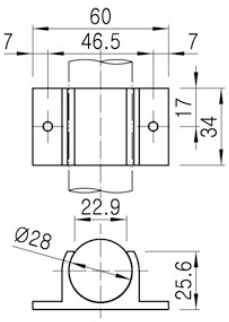
COLOR : Ivory (i) Gray (G) Green (N) Esd (E)

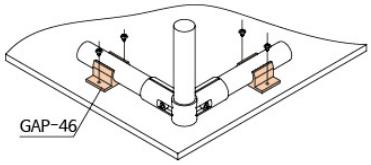
Unit : mm

GAP-46 Plastic Joint



Material	ABS
Weight	0.013kg
Q'ty/Box	450pcs

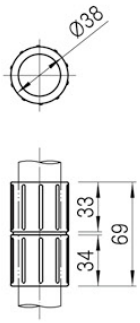


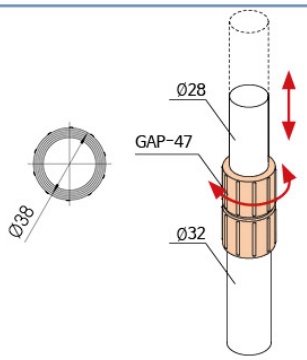


GAP-47 Plastic Joint (Length adjustment)



Material	ABS
Weight	0.030kg
Q'ty/Box	180pcs

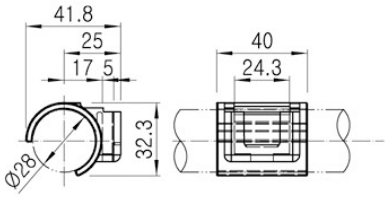


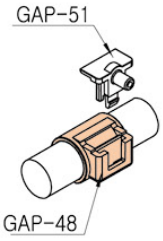


GAP-48 Roller Conveyor Holder (Single)



Material	ABS
Weight	0.013kg
Q'ty/Box	500pcs

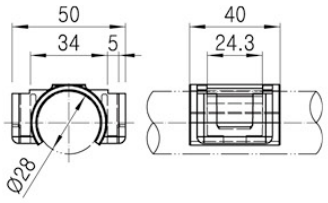


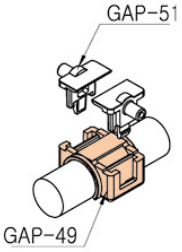


GAP-49 Roller Conveyor Holder (Double)



Material	ABS
Weight	0.017kg
Q'ty/Box	400pcs

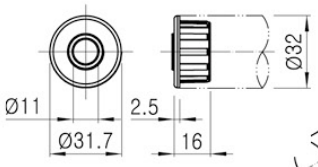


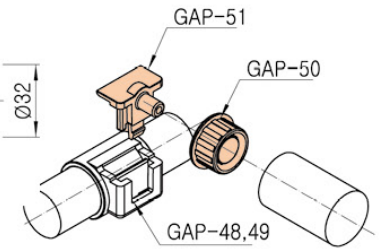


GAP-50 Roller Conveyor Cap (Without Bearing)



Material	POM
Weight	0.008kg
Q'ty/Box	1200pcs





PLASTIC JOINTS

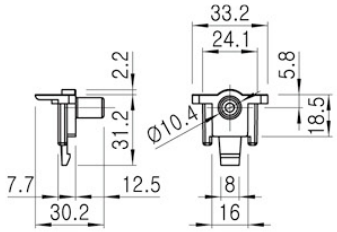
COLOR : Ivory (i) Gray G Green N Esd E

Unit : mm

GAP-51 Roller Conveyor Support



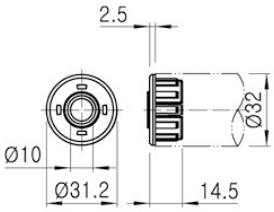
Material	POM
Weight	0.007kg
Q'ty/Box	1200pcs

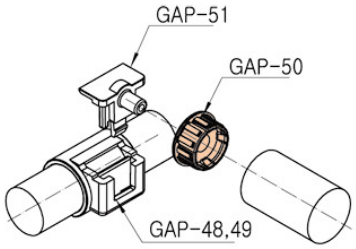


GAP-52A Roller Conveyor Cap (With Bearing)



Material	ABS
Weight	0.013kg
Q'ty/Box	1500pcs

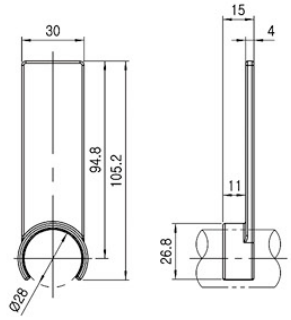


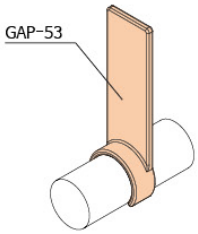


GAP-53 Plastic Joint



Material	ABS
Weight	0.014kg
Q'ty/Box	450pcs

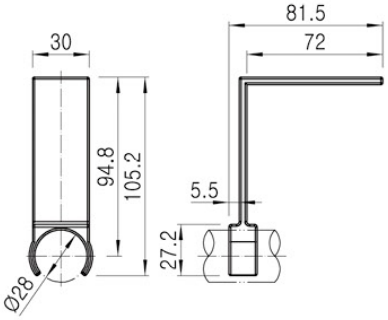


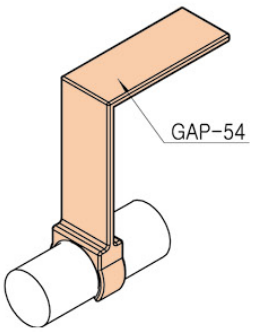


GAP-54 Plastic Joint

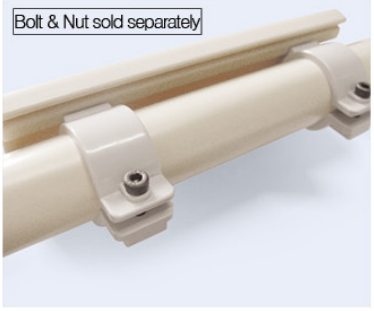


Material	ABS
Weight	0.025kg
Q'ty/Box	150pcs



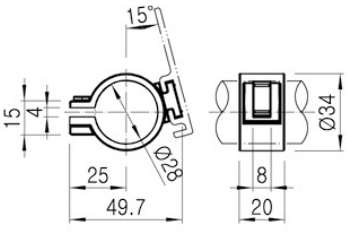


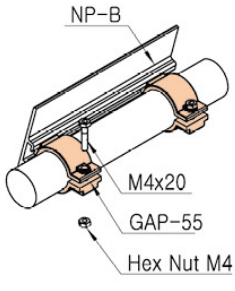
GAP-55 Name Plate Holder (Assemble with NP-B or NP-M)



Material	ABS
Weight	0.009kg
Q'ty/Box	750pcs

* Bolt : M4x20
* Nut : M4





PLASTIC JOINTS

COLOR : Ivory (i) Gray G Green N Esd E

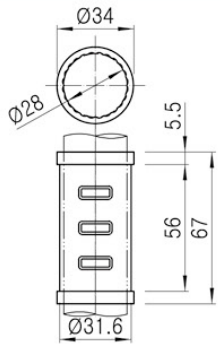
Unit : mm

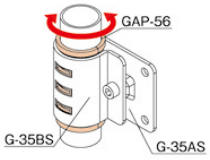
GAP-56 Sleeve(For GA-35S)



Material	PE
Weight	0.010kg
Q'ty/Box	300pcs

* Color : White

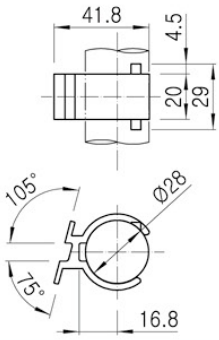


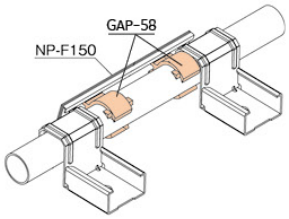


GAP-58 Name Plate Holder (Assemble with NP-F)



Material	PVC
Weight	0.008kg
Q'ty/Box	900pcs

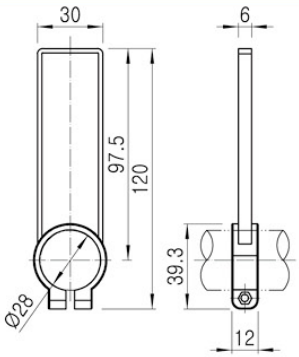


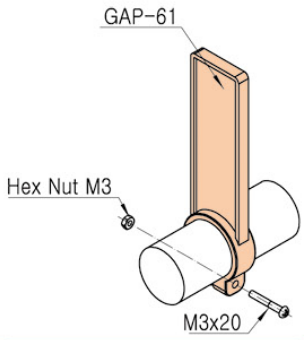


GAP-61 Plastic Joint



Material	ABS
Weight	0.015kg
Q'ty/Box	400pcs



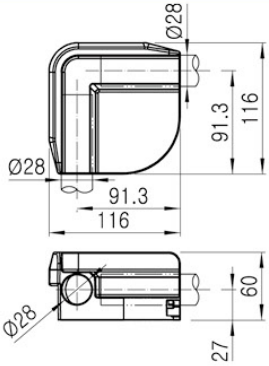


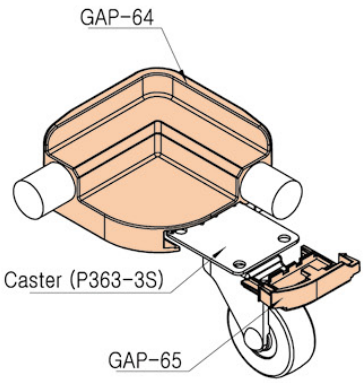
GAP-64 Corner Support Joint

Patented



Material	ABS
Weight	0.165kg
Q'ty/Box	38pcs



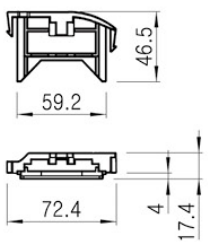


GAP-65 Corner Support Cap

Patented



Material	ABS
Weight	0.015kg
Q'ty/Box	400pcs



PLASTIC JOINTS

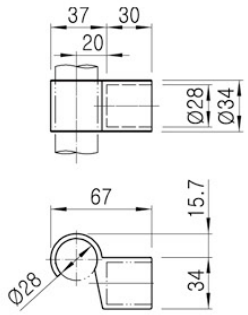
COLOR : Ivory (i) Gray G Green N Esd E

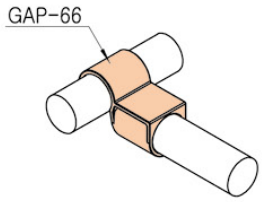
Unit : mm

GAP-66 Plastic Joint



Material	ABS
Weight	0.022kg
Q'ty/Box	200pcs

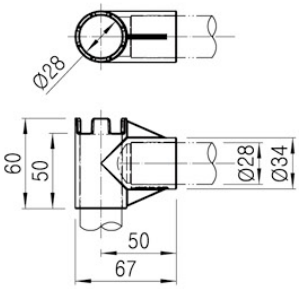


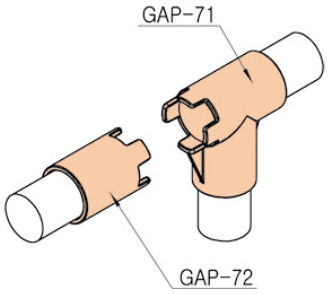


GAP-71 Plastic Joint



Material	ABS
Weight	0.029kg
Q'ty/Box	150pcs



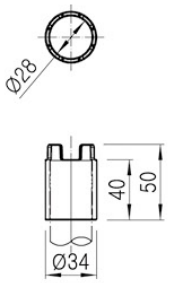


GAP-72 Plastic Joint



Material	ABS
Weight	0.014kg
Q'ty/Box	300pcs

After fixing GAP-72 to the Pipe, GAP-71 can be disassembled from GAP-72, 90 ° rotated and, assembled with GAP-72 again.



PLASTIC JOINTS

COLOR : Ivory (i) Gray G Green N Esd E

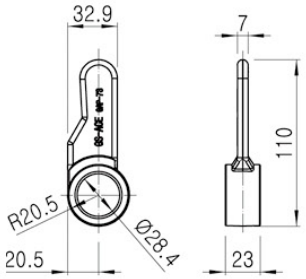
Unit : mm

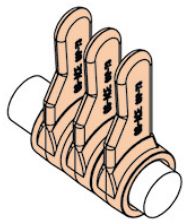
GAP-73 Plastic Latch



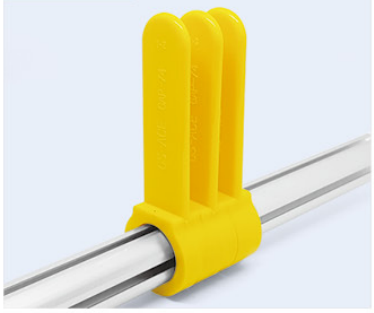
Material	TPU
Weight	0.033kg
Q'ty/Box	300pcs

* Color : Yellow



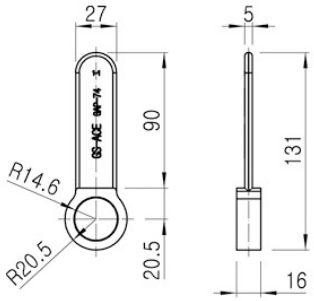


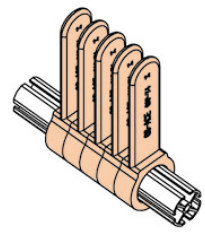
GAP-74A Plastic Latch



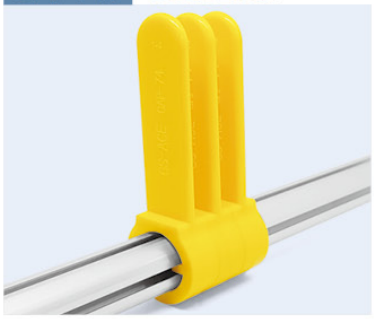
Material	TPU
Weight	0.028kg
Q'ty/Box	300pcs

* Color : Yellow



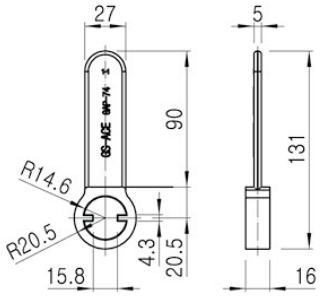


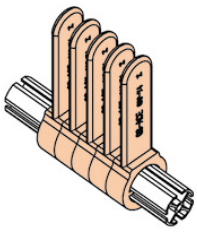
GAP-74B Plastic Latch



Material	TPU
Weight	0.028kg
Q'ty/Box	300pcs

* Color : Yellow



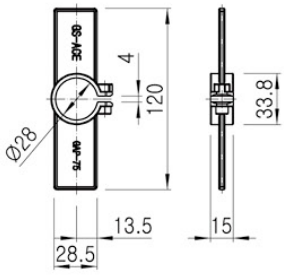


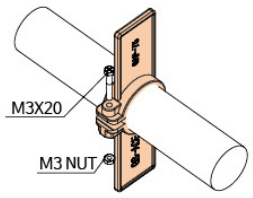
GAP-75 Plastic Latch



Material	ABS
Weight	0.012kg
Q'ty/Box	400pcs

* Bolt : M3x20
* Nut : M3

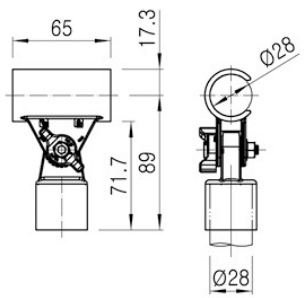


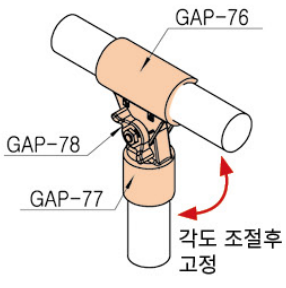


GAPA-76A Swivel Plastic Joint Ass'y



Material	ABS
Weight	0.053kg
Q'ty/Box	100pcs



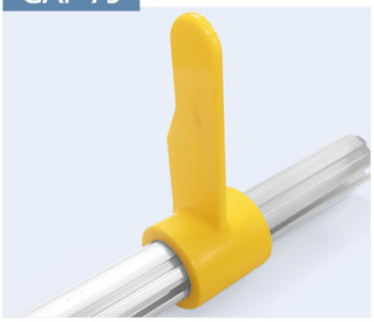


PLASTIC JOINTS

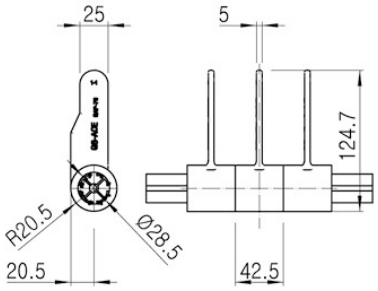
COLOR : Ivory (i) Gray G Green N Esd E

Unit : mm

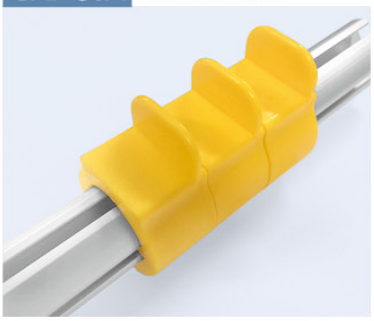
GAP-79 Plastic Latch



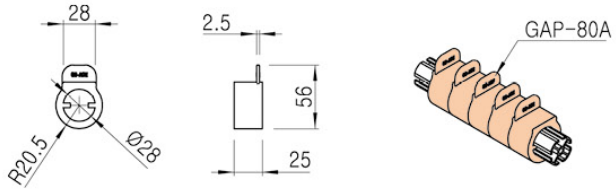
Material	TPU(우레탄)
Weight	0.047kg
Q'ty/Box	150pcs



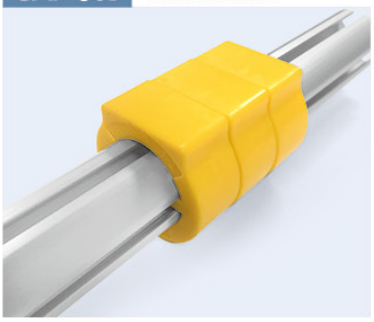
GAP-80A Plastic Latch



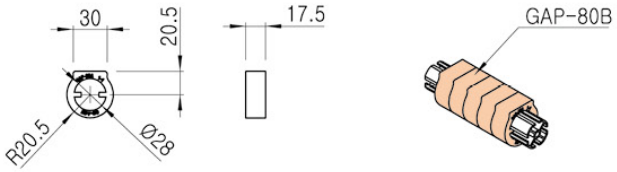
Material	TPU(우레탄)
Weight	0.024kg
Q'ty/Box	300pcs



GAP-80B Plastic Latch



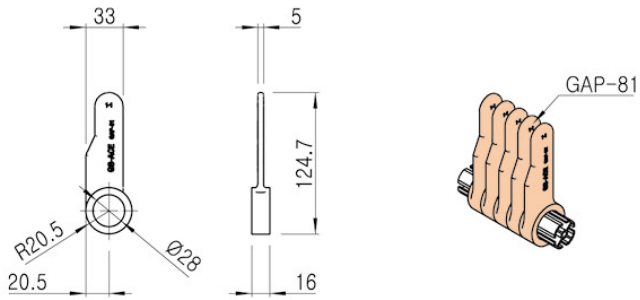
Material	TPU(우레탄)
Weight	0.016kg
Q'ty/Box	450pcs



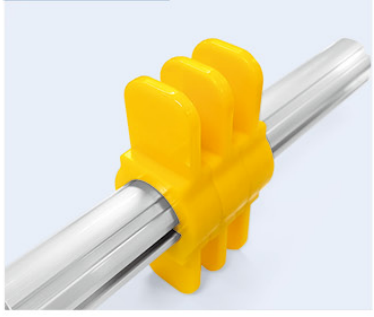
GAP-81 Plastic Latch



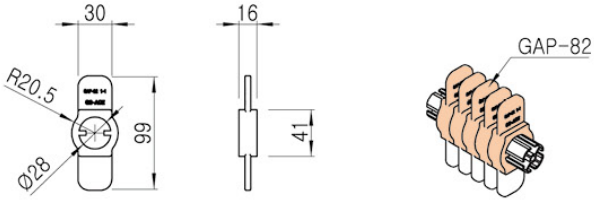
Material	TPU(우레탄)
Weight	0.027kg
Q'ty/Box	300pcs



GAP-82 Plastic Latch



Material	TPU(우레탄)
Weight	0.026kg
Q'ty/Box	300pcs



PLASTIC JOINTS

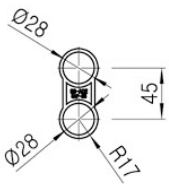
COLOR : Ivory (i) Gray G Green N Esd E

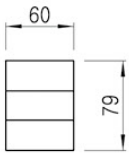
Unit : mm

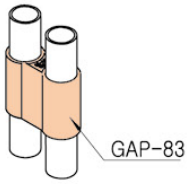
GAP-83 Plastic Joint



Material	ABS
Weight	0.044kg
Q'ty/Box	90pcs



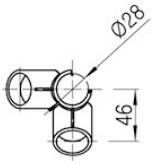


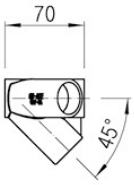


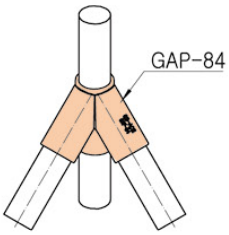
GAP-84 Plastic Joint



Material	ABS
Weight	0.048kg
Q'ty/Box	90pcs



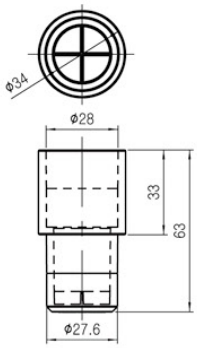


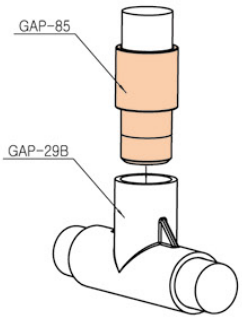


GAP-85 Plastic Joint



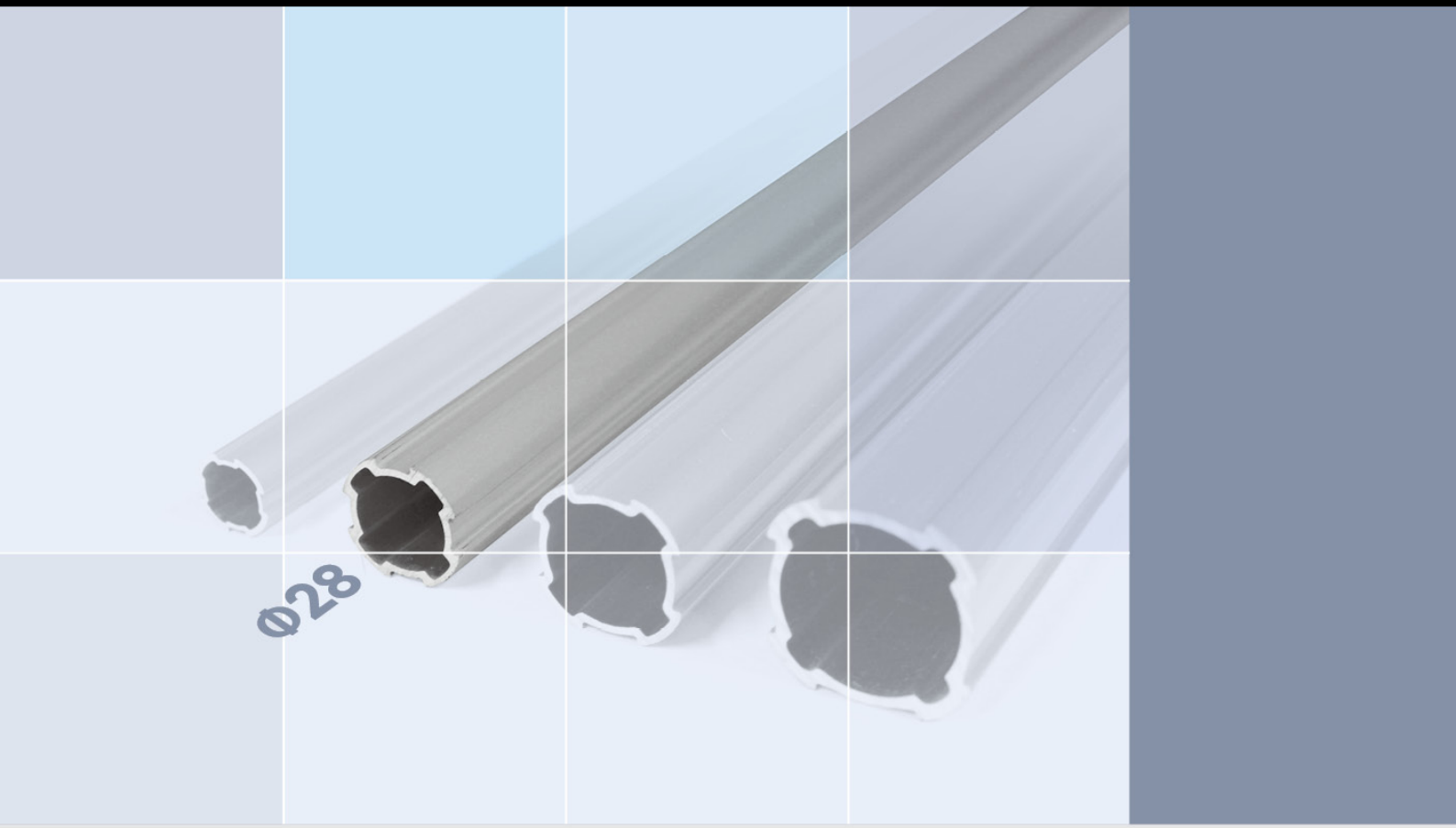
Material	ABS
Weight	0.019kg
Q'ty/Box	300pcs





G.S.ACE INDUSTRY CO., LTD.

Φ28 AL RACKING SYSTEM

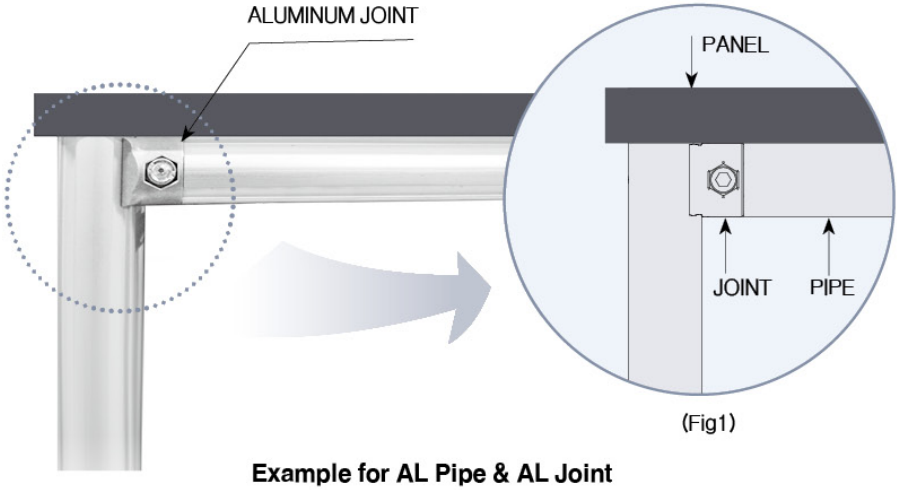


- Φ28 ALUMINUM PIPES
- Φ28 ALUMINUM JOINTS
- Φ28 ALUMINUM ACCESSORIES

FEATURES OF ALUMINUM PIPE

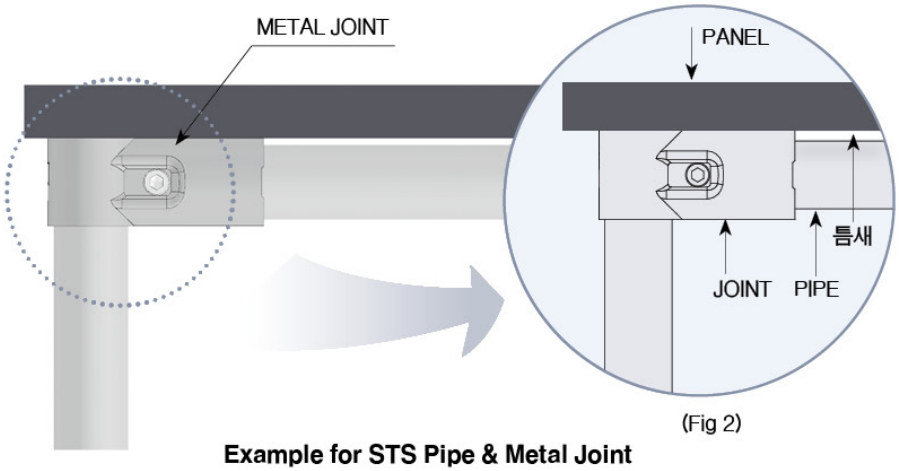
G.S. ACE introduces a new revolutionary Aluminum Racking System
to compliment our current product offerings.
The highlights of the new products are:

- ◆ Aluminum Racking System can be integrated in our tradi tional Pipe Racking System.
  All of Metal Joints, Mounting Bracket, and Other Accessoriesc an be used in newly introduced Aluminum Racking System.
- ◆ Inner type joints will be flush with the aluminum pipe whic hwill provide counter top panel a continuous support. (Fig 1)
- ◆ High esthetic value without glaring
- ◆ High strength to weight ratio (1/3 of welded structures)
- ◆ Can be used in clean room.
- ◆ Aluminum is environmentally friendly and retains high recycl ing value (up to 50% of aluminum market value



(Fig1)

Example for AL Pipe & AL Joint

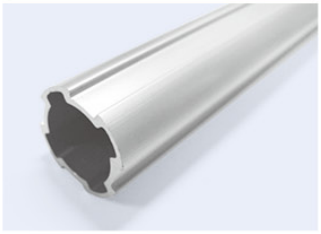


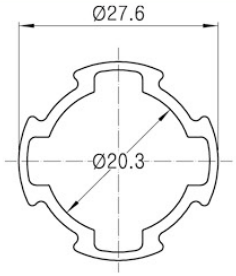
(Fig 2)

Example for STS Pipe & Metal Joint

∅28 ALUMINUM PIPES

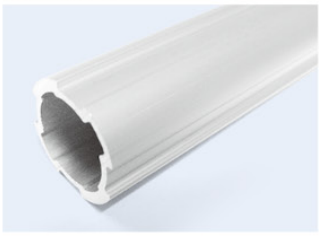
AP2812 Regular Duty Pipe

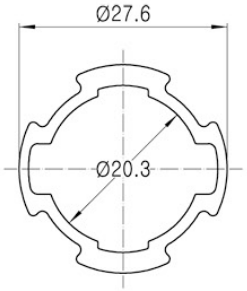




- Weight: 0.380kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

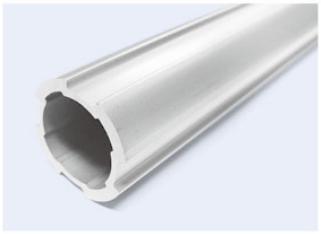
AP2820 Light Heavy Duty Pipe

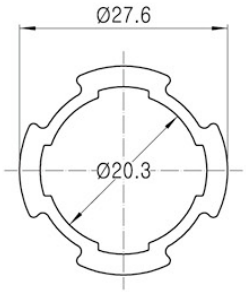




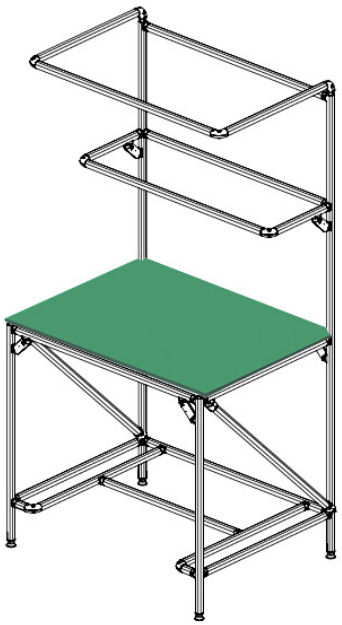
- Weight: 0.450kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

AP2829 Heavy Duty Pipe

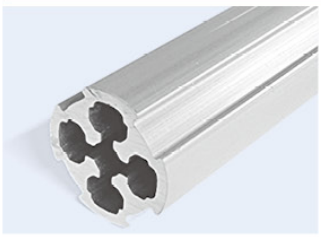


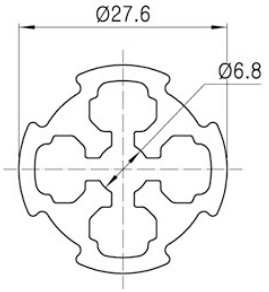


- Weight: 0.500kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet



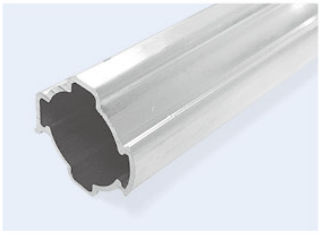
AP2812H Extra Heavy Duty Pipe

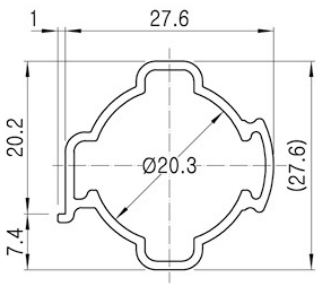




- Weight: 0.741kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

AP2810B Panel Guide Pipe

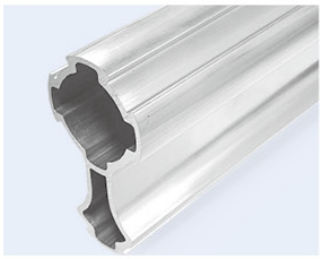




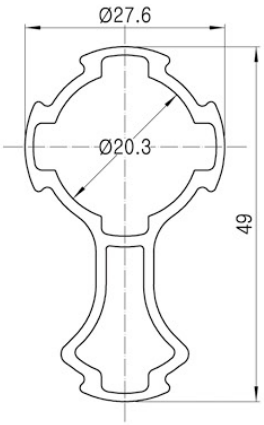
- Weight : 0.297kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

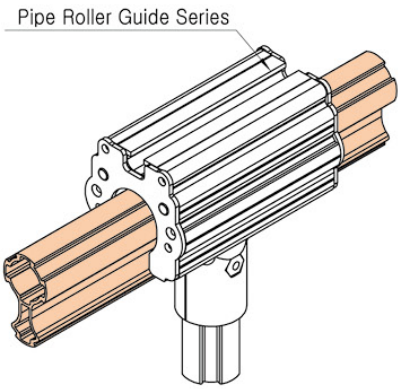
Φ28 AL RACKING SYSTEM

AP2812R Roller Rail Pipe

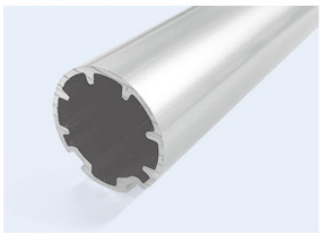


- Weight: 0.608kg/m, O.D. Ø28
- 5pcs/Bag, 100Bag/Pallet

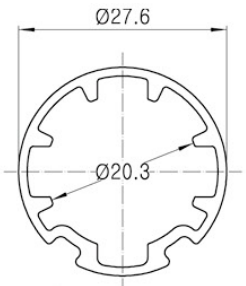




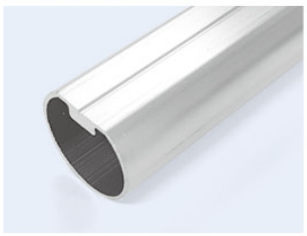
AQ2812 Hand Rail Pipe



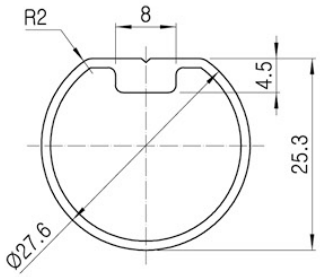
- Weight : 0.374kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

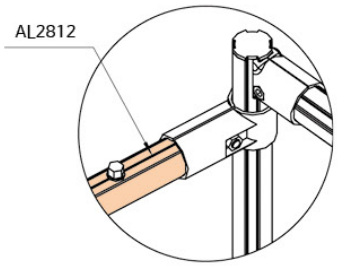


AL2812 Round Pipe (For Metal Joint)

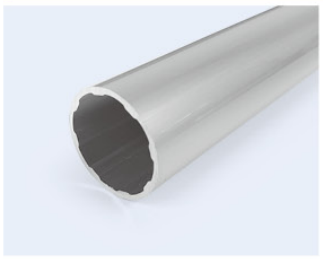


- Weight : 0.327kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

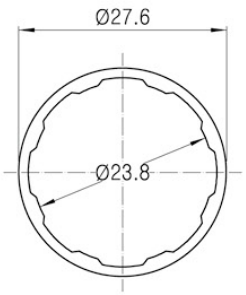


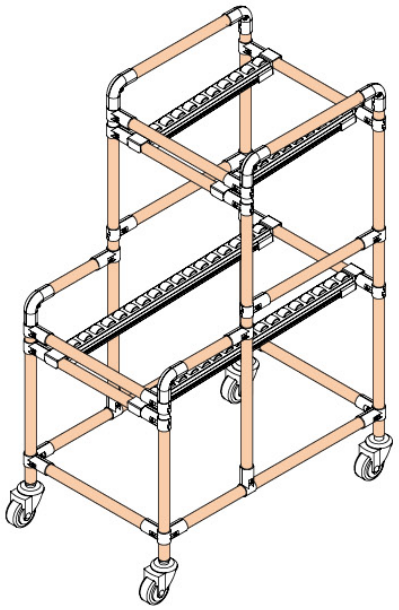


AL2813 Round Pipe (For Metal Joint)

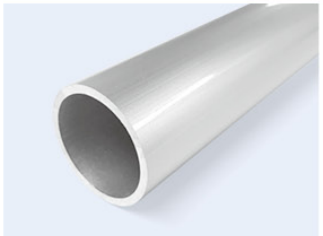


- Weight: 0.335kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

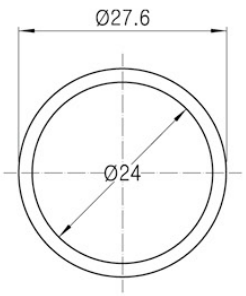




AL2818 Round Pipe (For Metal Joint)

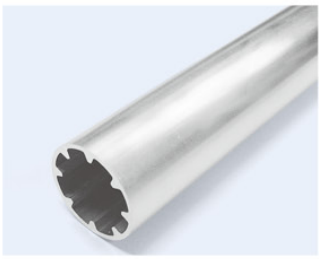


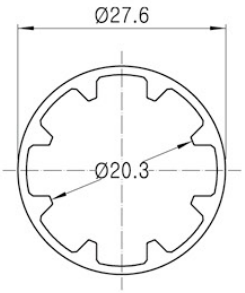
- Weight: 0.401kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet



Φ28 AL RACKING SYSTEM

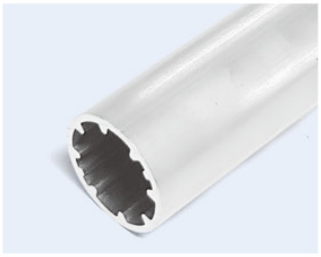
AR2812 Round Pipe (Regular Duty)

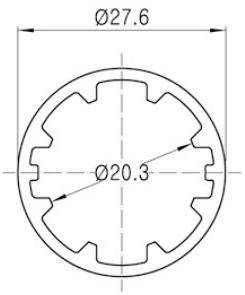




- Weight: 0.379kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

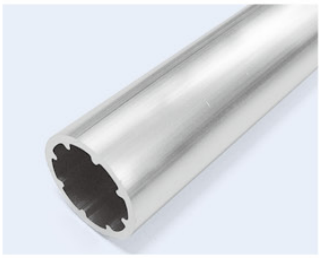
AR2820 Round Pipe (Light Heavy Duty)

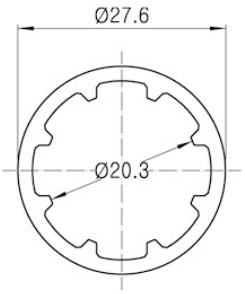




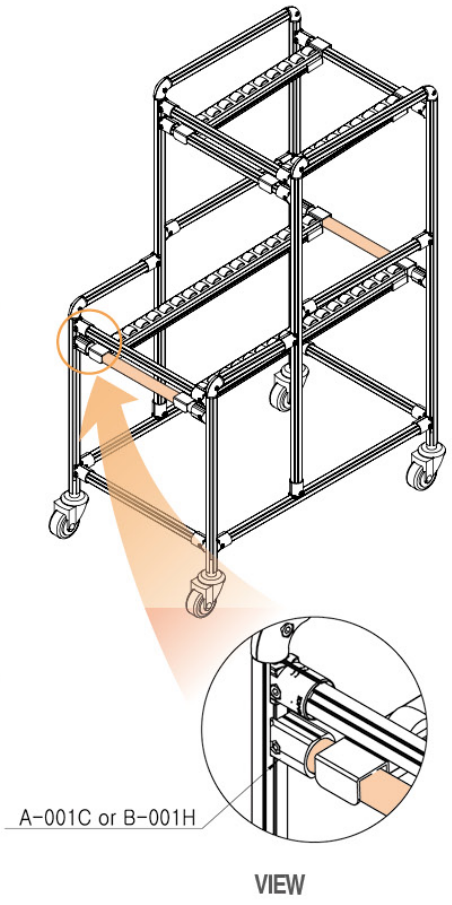
- Weight: 0.446kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

AR2829 Round Pipe (Heavy Duty)



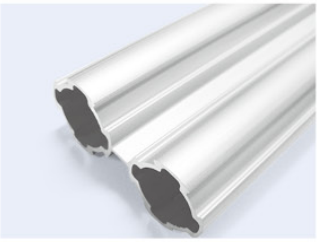


- Weight: 0.496kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

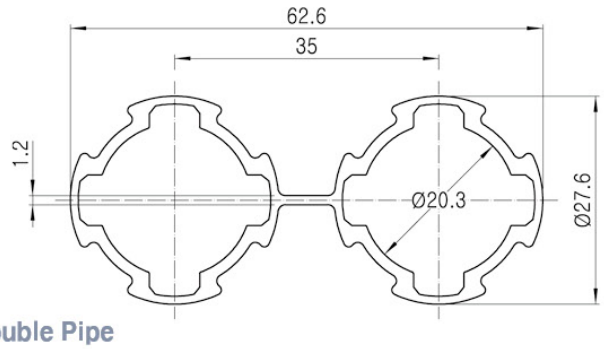


Φ28 AL RACKING SYSTEM

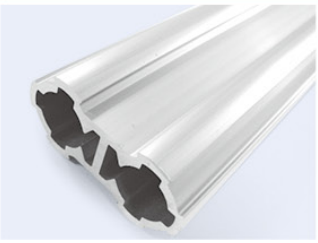
AD2812 Heavy Duty Double Pipe



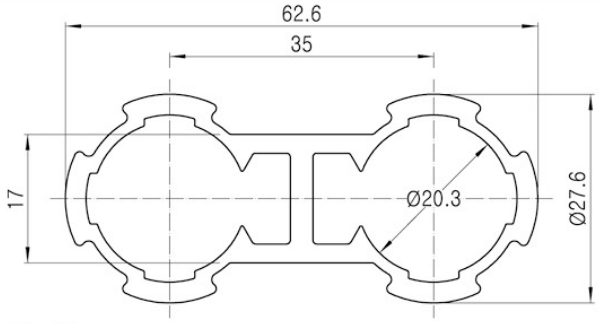
- Weight: 0.761kg/m, O.D. Ø28
- 5pcs/Bag, 100Bag/Pallet



AD2829 Extra Heavy Duty Double Pipe



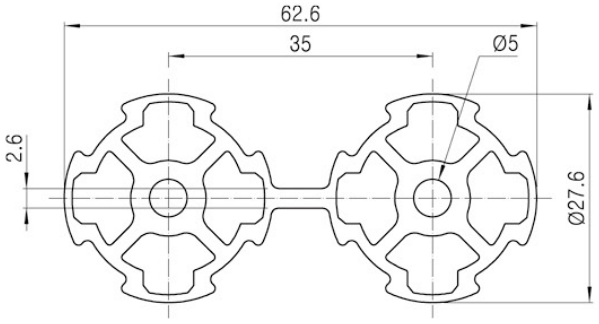
- Weight: 1.138kg/m, O.D. Ø28
- 5pcs/Bag, 100Bag/Pallet

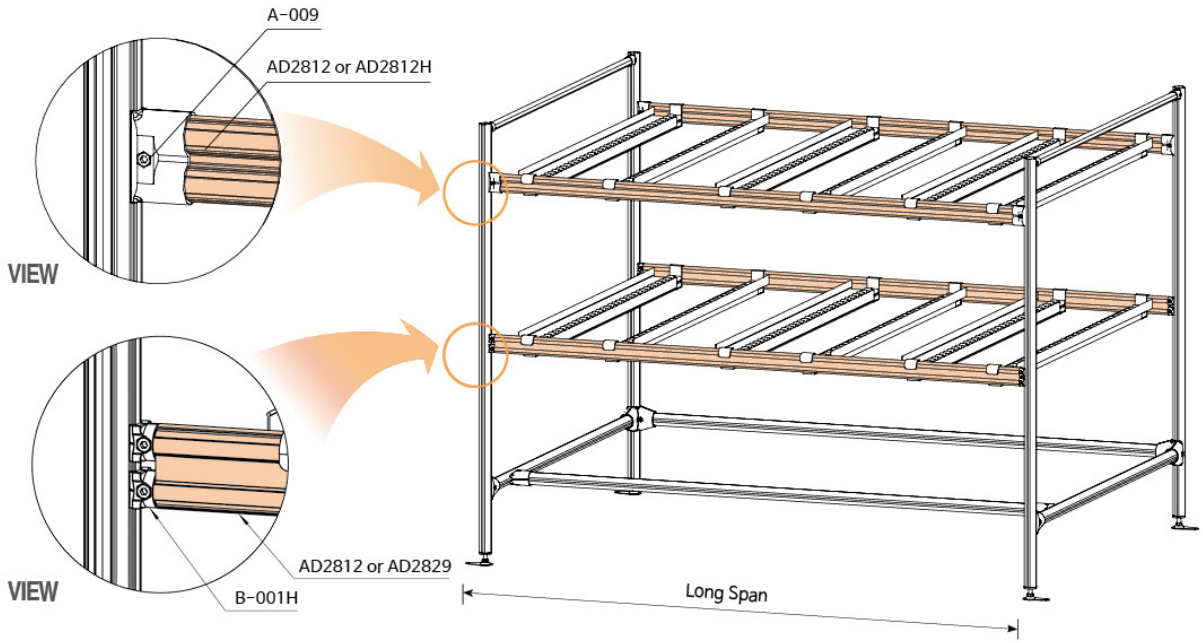


AD2812H Extra Heavy Duty Double Pipe



- Weight: 1.372kg/m, O.D. Ø28
- 5pcs/Bag, 70Bag/Pallet



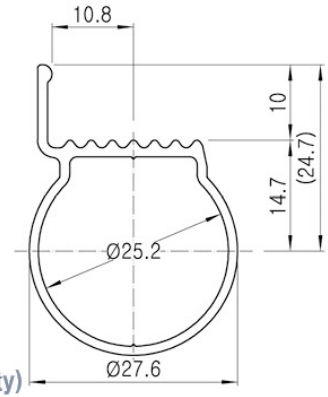


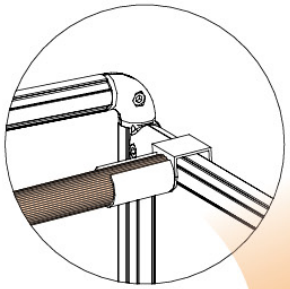
Φ28 AL RACKING SYSTEM

ALS2812 L-Slide Pipe



- Weight: 0.372kg/m, O.D. Ø28
- 6pcs/Bag, 150Bag/Pallet

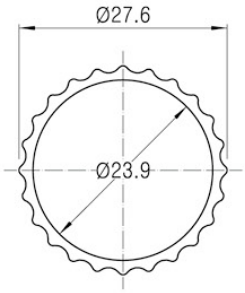


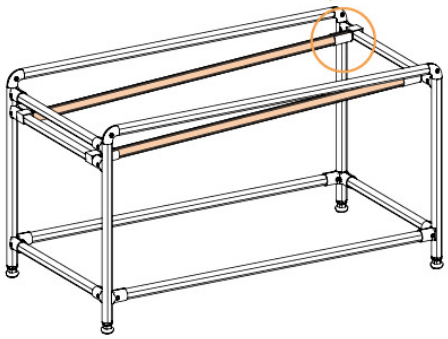


AFS2810 Full Slide Pipe (Light Duty)

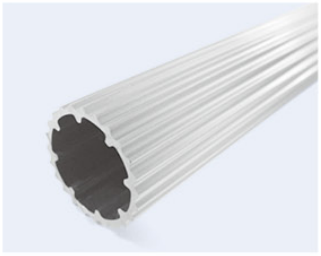


- Weight : 0.375kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

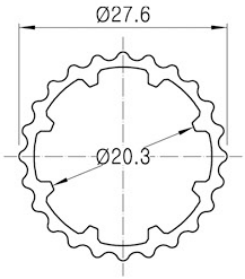


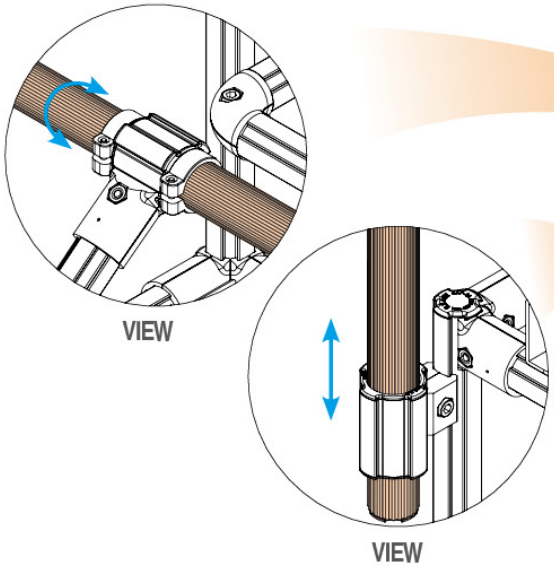


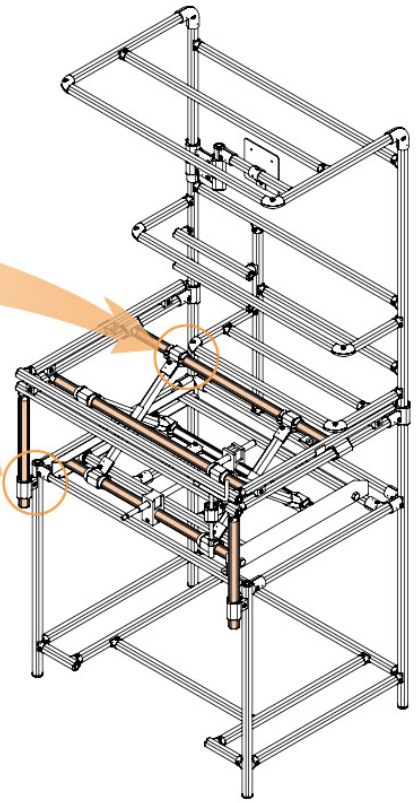
AFS2812 Full Slide Pipe (Regular Duty)



- Weight: 0.408kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet





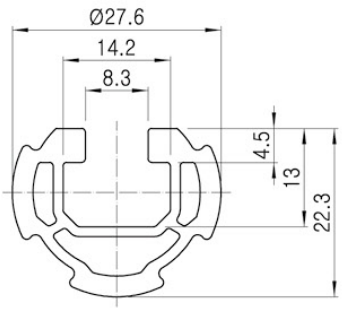


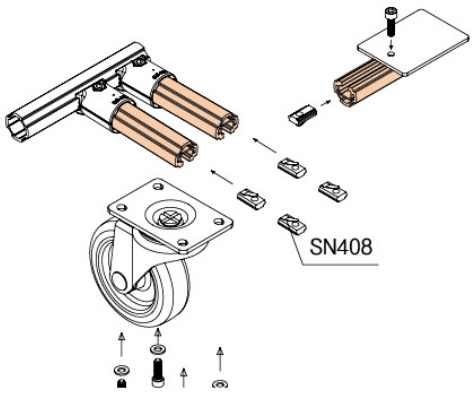
Φ28 AL RACKING SYSTEM

AT2829 T Slot Pipe

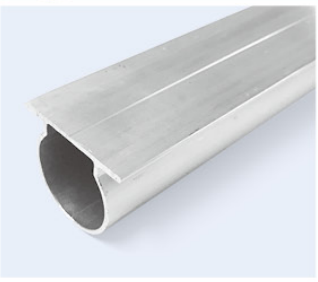


- Weight: 0.595kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

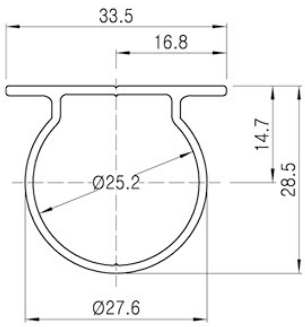


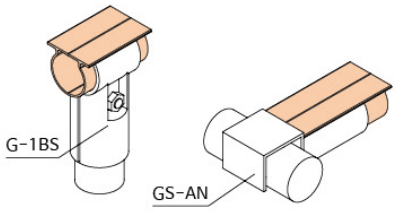


ACF2812 Flat Pipe

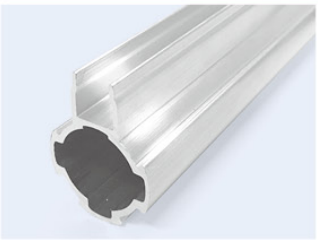


- Weight : 0.358kg/m, O.D. Ø28
- 6pcs/Bag, 150Bag/Pallet

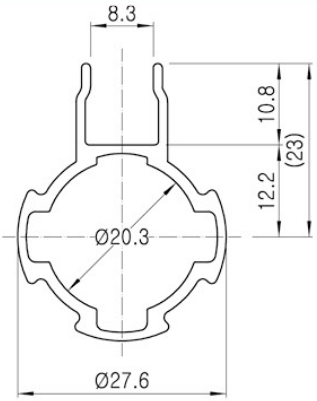


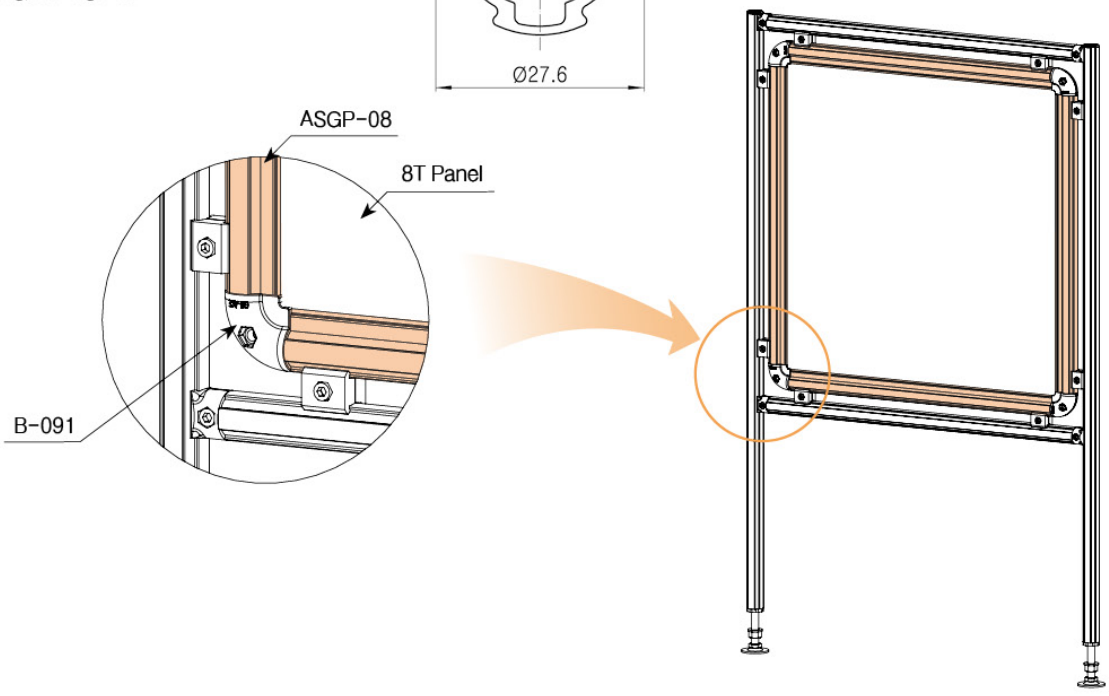


ASGP-08 Panel Guide Pipe



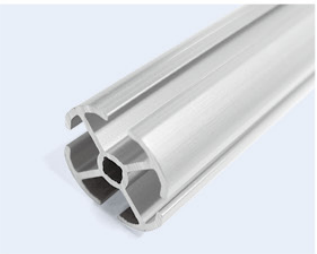
- Weight : 0.445kg/m
- 8pcs/Bag, 90Bag/Pallet



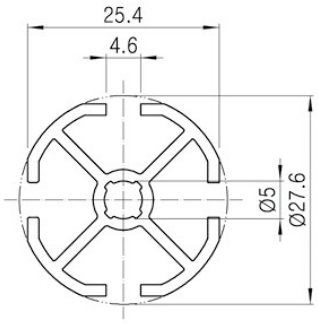


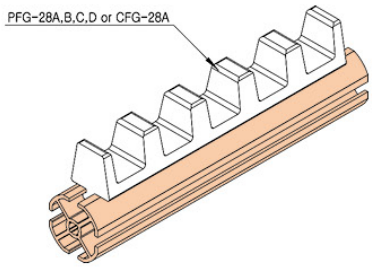
Φ28 AL RACKING SYSTEM

AGP-28A Panel Frame Guide AL Pipe

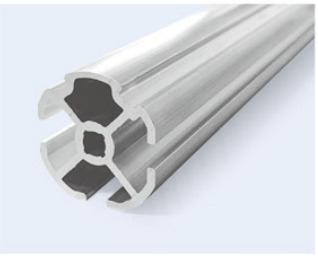


- Weight: 0.479kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

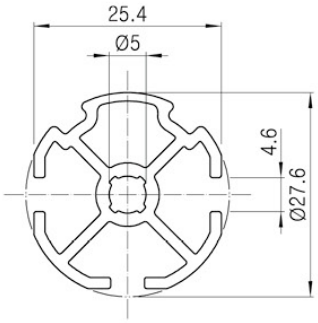


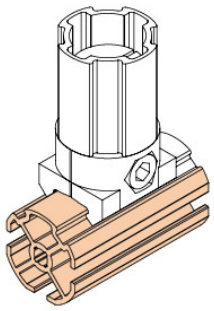


AGP-28B Panel Frame Guide AL Pipe (Joint Type)

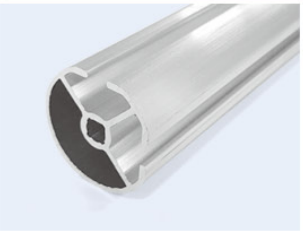


- Weight: 0.498kg/m, O.D. Ø28
- 10pcs/Bag, 100Bag/Pallet

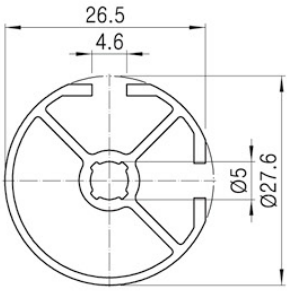


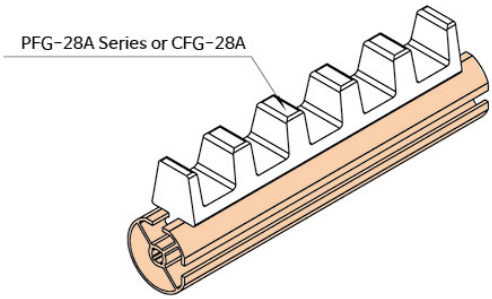


AGP-28C Panel Frame Guide AL Pipe (For Prevent Foreign Particle from Entering)



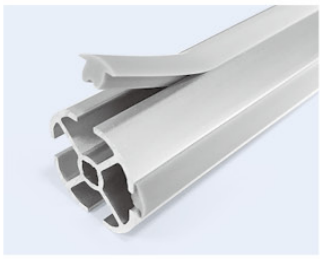
- Weight : 0.378kg/m
- 10pcs/Bag, 100Bag/Pallet

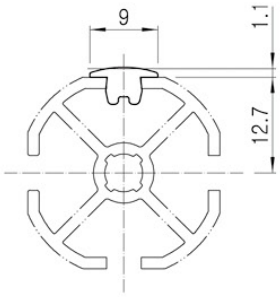


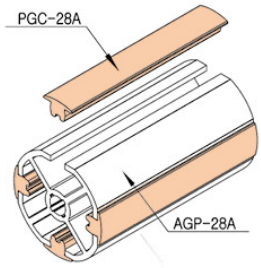


Φ28 AL RACKING SYSTEM

PGC-28A Groove Cover (For AGP-28A/B)



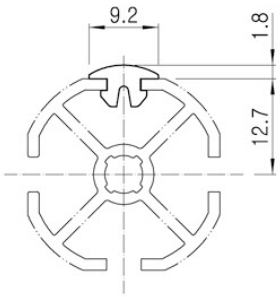


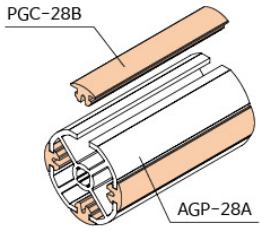


- Weight: 0.038kg/m

PGC-28B Groove cover(AGP-28A/B/C)

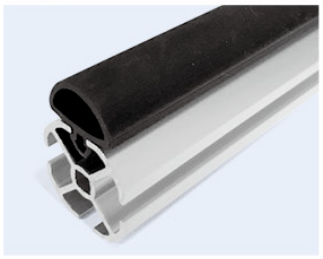


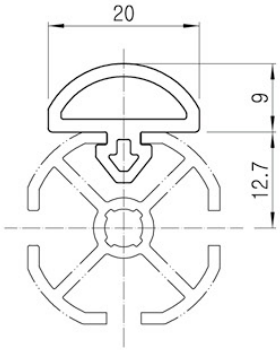


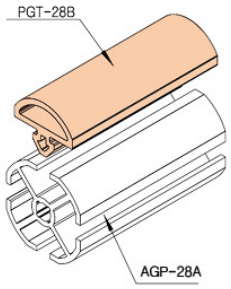


- Weight: 0.102kg/m

PGT-28B Groove cover(AGP-28A/B/C)



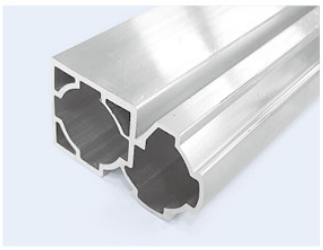




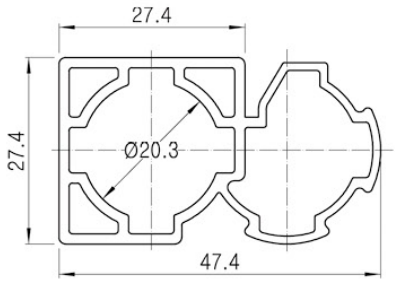
- Weight: 0.102kg/m

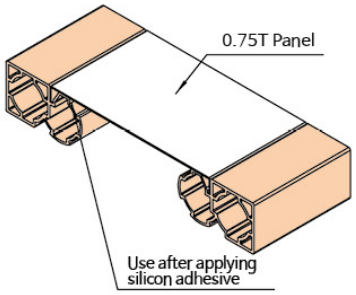
Φ28 AL RACKING SYSTEM

ASJ2848A Panel Guide Pipe

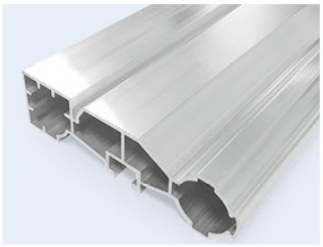


- Weight : 0.700kg/m
- 4pcs/Bag

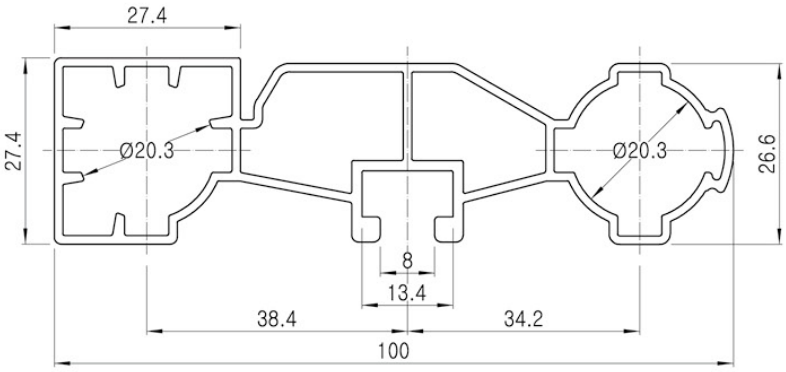


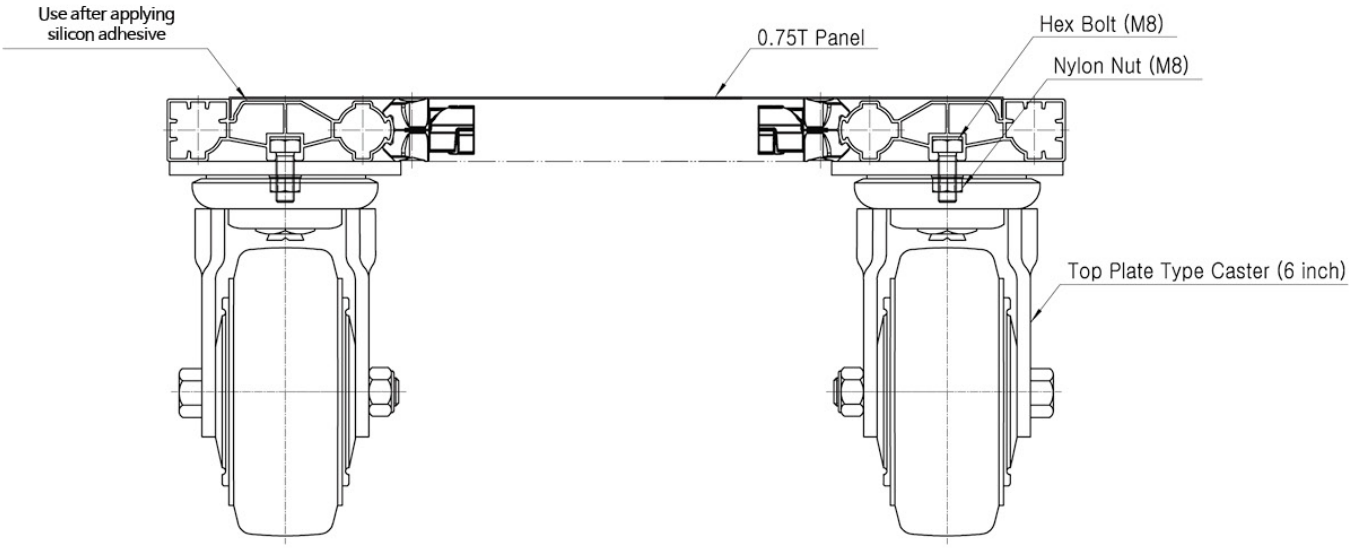


ASJ28100 Panel Guide Pipe (For Installing Caster)

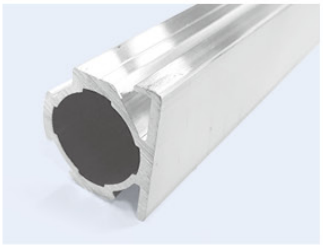


- Weight : 1.247kg/m, O.D. Ø28
- 4pcs/Bag

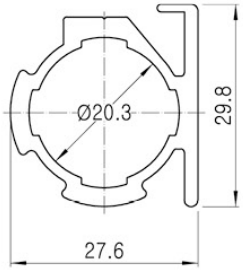


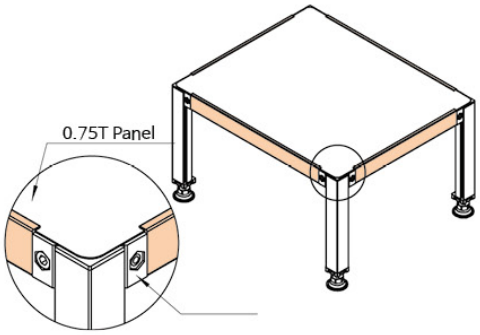


ASJ2929A 판넬 가이드 파이프



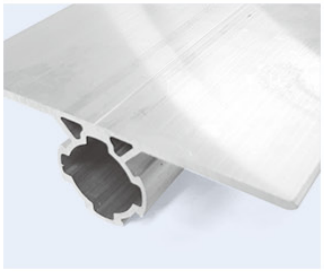
- Weight : 0.628kg/m
- 6pcs/Bag

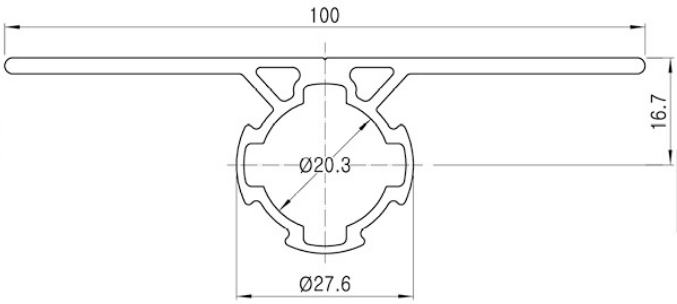


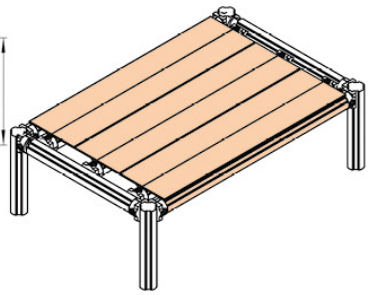


Φ28 AL RACKING SYSTEM

ATF2812B T-Flat Pipe



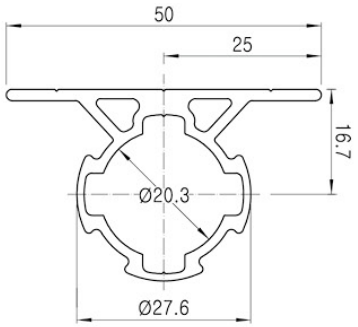


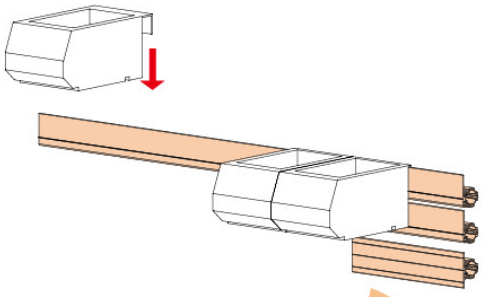


- Weight : 1.080kg/m
- 2pcs/Bag

ATF2812 T-Flat Pipe

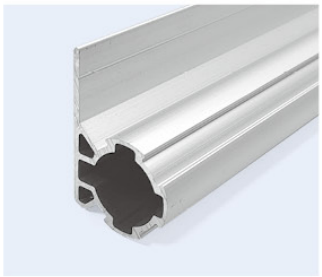


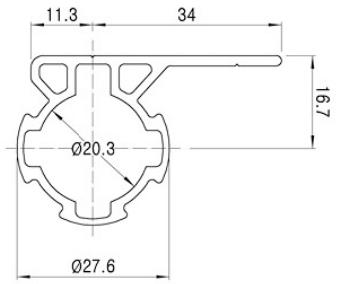


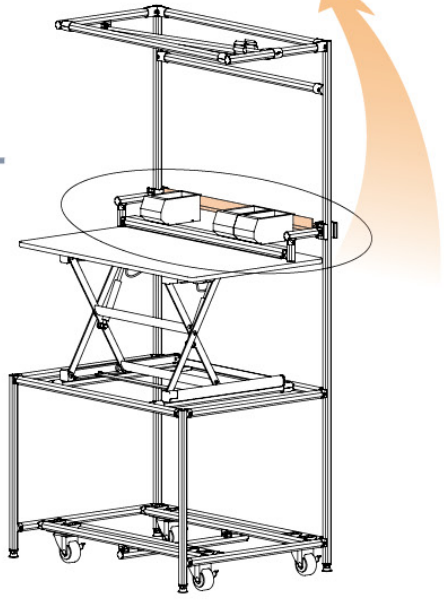


- Weight : 0.685kg/m, O.D. Ø28
- 6pcs/Bag, 115Bag/Pallet

ALF2812 L-Flat Pipe



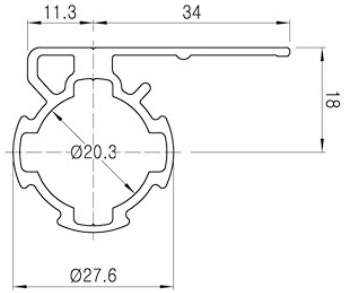


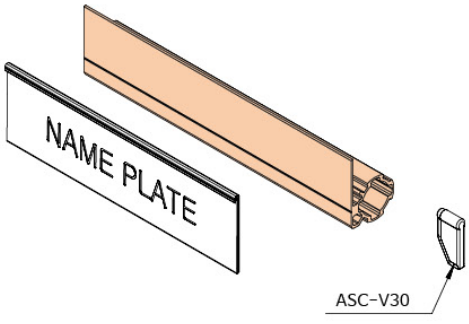


- Weight : 0.655kg/m, O.D. Ø28
- 6pcs/Bag, 115Bag/Pallet

ALF2812B L-Flat Pipe







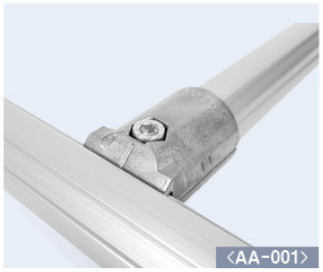
- Weight : 0.614kg/m, O.D. Ø28
- 6pcs/Bag, 115Bag/Pallet

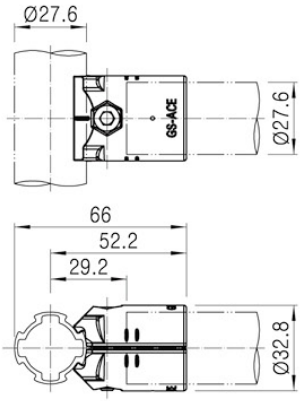
∅28 ALUMINUM JOINTS

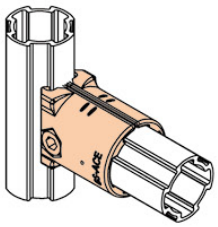
◈ Outer Joints

A-001 Single Tee Joint









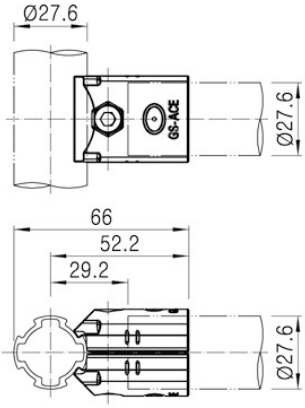
- Weight : 0.023kg
- Q'ty/Box : 200pcs

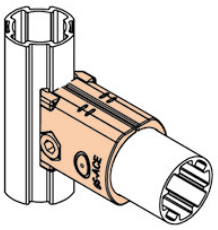
- A-001: 2pcs
- M0625/N06W-55: 1set
- Weight : 0.055kg
- Q'ty/Box : 100set

A-001C Single Tee Joint (For Round Pipe)









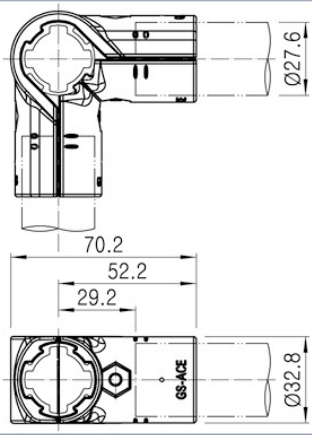
- Weight : 0.025kg
- Q'ty/Box : 200pcs

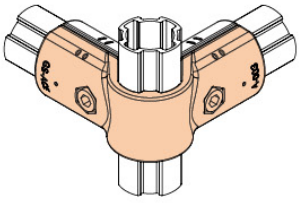
- A-001C : 2pcs
- M0625/N06W-55: 1set
- Weight : 0.060kg
- Q'ty/Box : 100set

A-003 Outer Elbow Joint







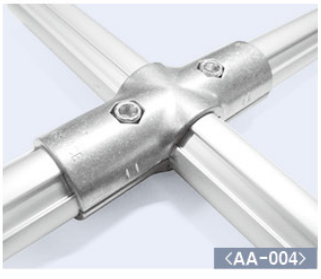


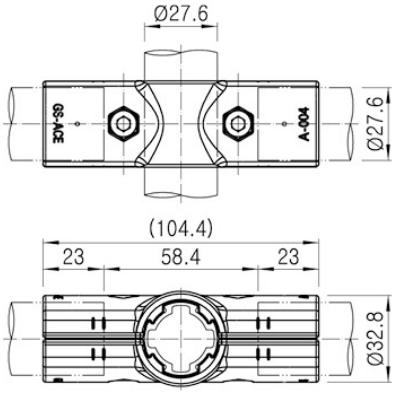
- Weight : 0.068kg
- Q'ty/Box : 60pcs

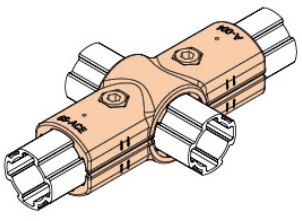
- A-003:1pcs, A-001:2pcs
- M0625/N06W-55: 2set
- Weight : 0.123kg
- Q'ty/Box : 30set

A-004 Straight Joint









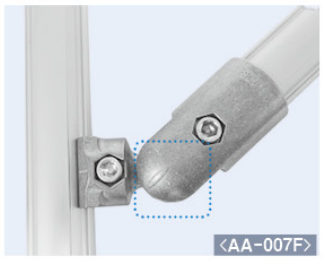
- Weight : 0.064kg
- Q'ty/Box : 80pcs

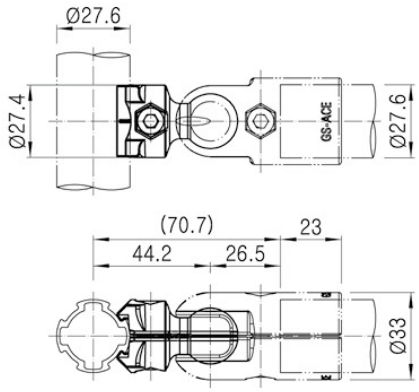
- A-004: 2pcs
- M0625/N06W-55: 2set
- Weight : 0.126kg
- Q'ty/Box : 40set

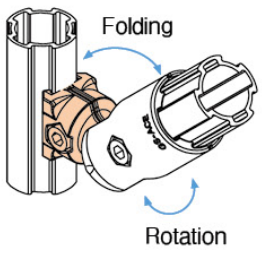
◈ Outer Joints

B-007A — Swivel Joint (Rotation, Angle Adjust & Fix)





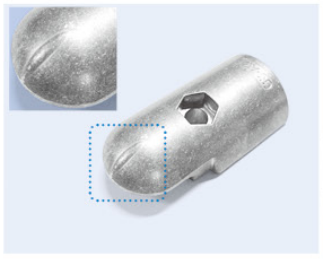


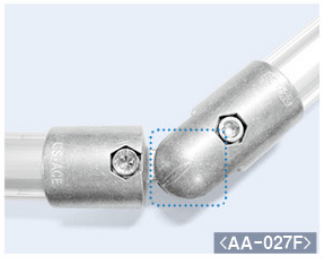


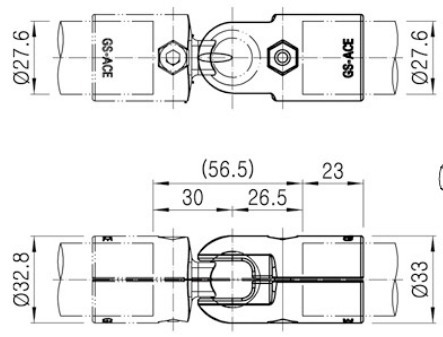
- Weight : 0.017kg
- Q'ty/Box : 400pcs

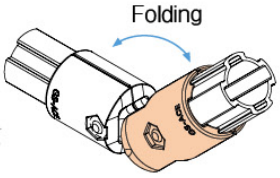
- A-007B: 2pcs, B-007A: 2pcs
- M0625/N06W-55: 1set, M0620/N06W-55: 1set
- Weight : 0.112kg
- Q'ty/Box : 50set

A-007B — Swivel Joint (Angle Adjust & Fix)









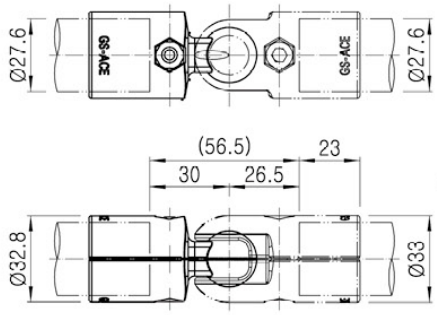
- Weight : 0.031kg
- Q'ty/Box : 200pcs

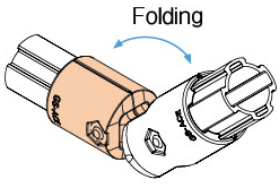
- A-007B: 2pcs, A-007C: 2pcs
- M0625/N06W-55: 2set
- Weight : 0.134kg
- Q'ty/Box : 50set

A-007C — Swivel Joint (Angle Adjustable)









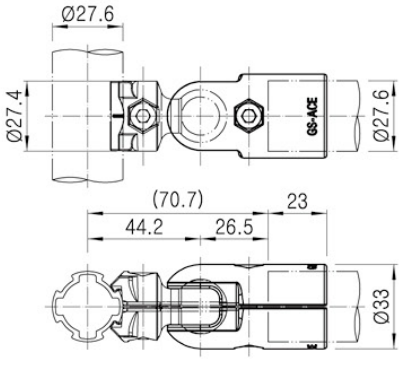
- Weight : 0.027kg
- Q'ty/Box : 200pcs

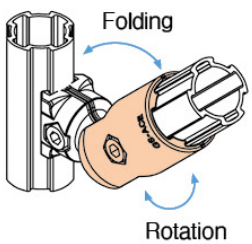
- A-007C: 2pcs, A-007D: 2pcs
- M0625/N06W-55 : 2set
- Weight : 0.133kg
- Q'ty/Box : 50set

A-007D — Swivel Joint (Rotation, Angle Adjustable)







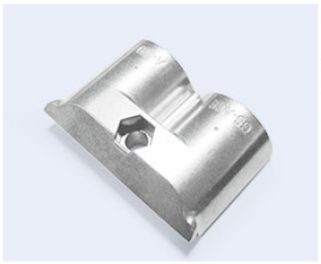


- Weight : 0.031kg
- Q'ty/Box : 200pcs

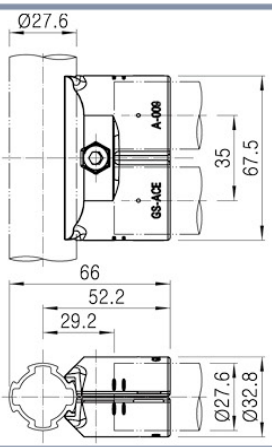
- A-007D : 2pcs B-007A : 2pcs
- M0620/N06W-55 : 1set
- M0625/N06W-55 : 1set
- Weight : 0.112kg/m
- Q'ty/Box : 50set

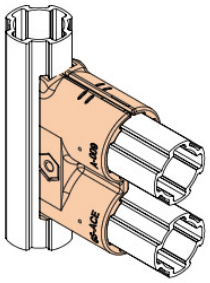
◈ Outer Joints

A-009 Double Tee Joint







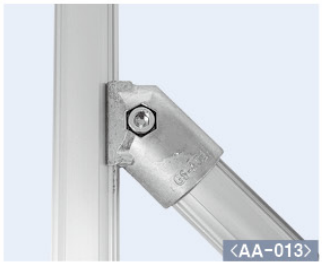


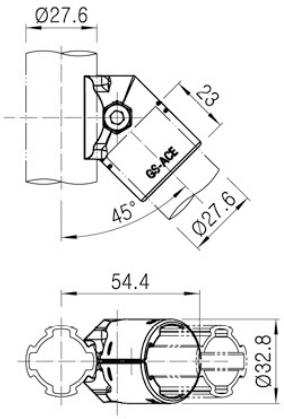
- Weight : 0.050kg
- Q'ty/Box : 100pcs

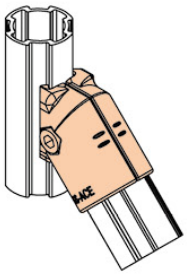
- A-009: 2pcs
- M0625/N06W-55: 1set
- Weight : 0.109kg
- Q'ty/Box : 50set

A-013L, A-013R 45° Joint







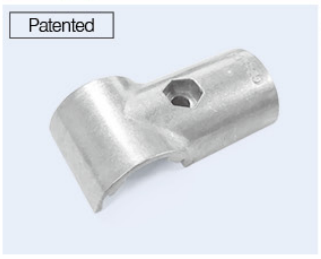


- Weight : 0.023kg
- Q'ty/Box : 200pcs

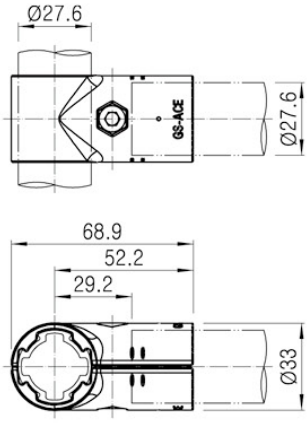
- A-013L: 1pcs, A-013R: 1pcs
- M0625/N06W-55: 1set
- Weight : 0.054kg
- Q'ty/Box : 100set

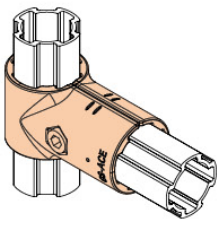
A-021 Single Tee Joint

Patented









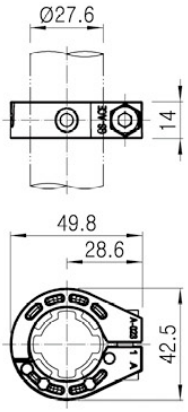
- Weight : 0.033kg
- Q'ty/Box : 120pcs

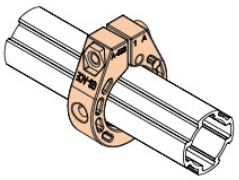
- A-021 : 2pcs
- M0625/N06W-55 : 1set
- Weight : 0.074kg
- Q'ty/Box : 60set

A-023 Stop Joint









- Weight : 0.017kg
- Q'ty/Box : 300pcs

- A-023: 2pcs
- M0620/N06W-55: 1set
- Weight : 0.037kg
- Q'ty/Box : 150set

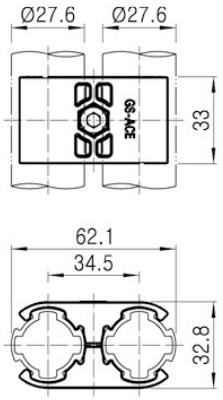
Φ28 AL RACKING SYSTEM

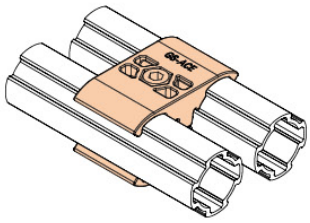
◈ Outer Joints

A-028 Parallel Joint









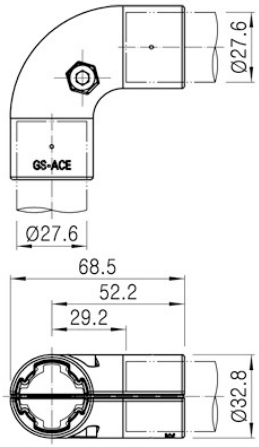
- Weight : 0.026kg
- Q'ty/Box : 150pcs

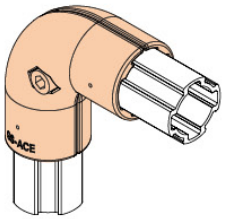
- A-028: 2pcs
- M0625/N06W-55: 1set
- Weight : 0.060kg
- Q'ty/Box : 75set

A-090 90° Elbow Joint







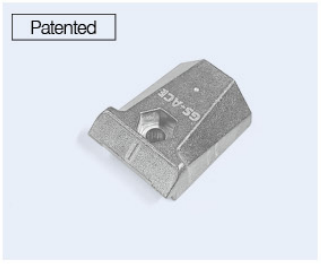


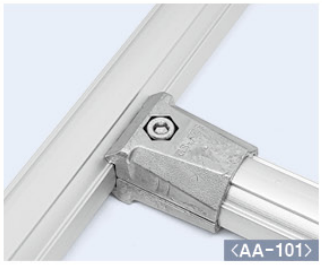
- Weight : 0.050kg
- Q'ty/Box : 80pcs

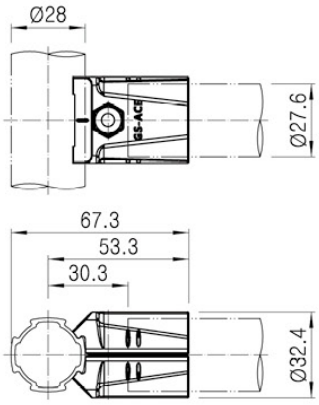
- A-090: 2pcs
- M0625/N06W-55: 1set
- Weight : 0.110kg
- Q'ty/Box : 40set

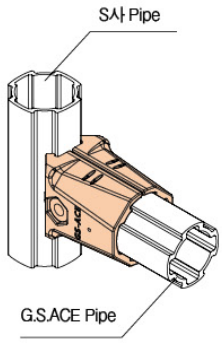
A-101 Single Tee Joint

Patented









- Weight : 0.026kg
- Q'ty/Box : 200pcs

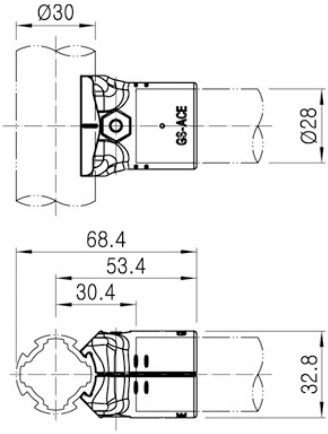
- A-101 : 2pcs
- M0625/M06W-55 : 1set
- Weight : 0.062kg
- Q'ty/Box : 100set

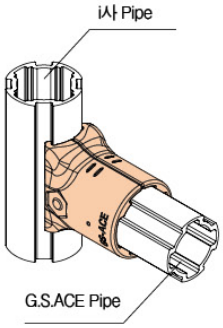
A-201 Single Tee Joint

Patented









- Weight : 0.026kg
- Q'ty/Box : 200pcs

- A-201 : 2pcs
- M0625/N06W-55 : 1set
- Weight : 0.060kg
- Q'ty/Box : 100set

Φ28 AL RACKING SYSTEM

◈ Outer Joints

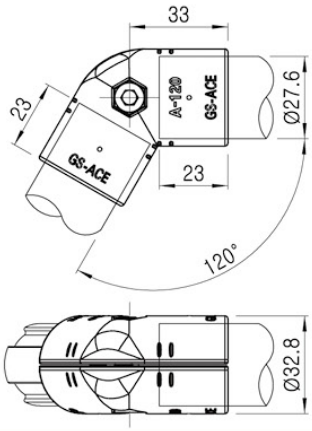
A-120 120 ° Angle Joint

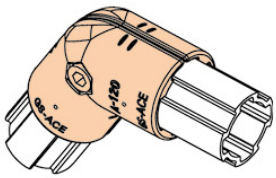




- Weight : 0.032kg
- Q'ty/Box : 80pcs

- A-120 : 2pcs
- M0625/N06W-55 : 1set
- Weight : 0.075kg
- Q'ty/Box : 40set





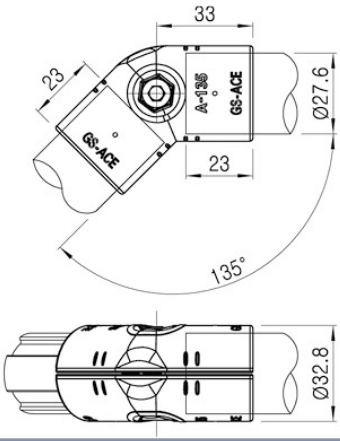
A-135 135 ° Angle Joint

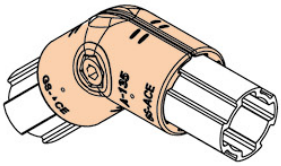




- Weight : 0.032kg
- Q'ty/Box : 80pcs

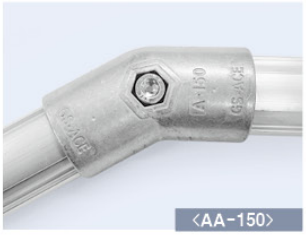
- A-135 : 2pcs
- M0625/N06W-55 : 1set
- Weight : 0.075kg
- Q'ty/Box : 40set





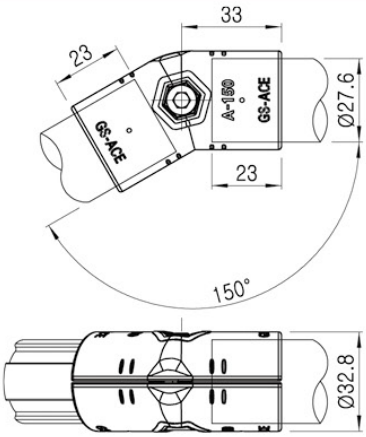
A-150 150 ° Angle Joint

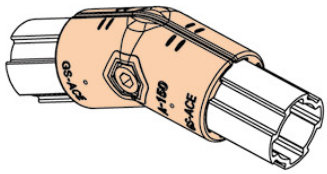




- Weight : 0.032kg
- Q'ty/Box : 80pcs

- A-150 : 2pcs
- M0625/N06W-55 : 1set
- Weight : 0.075kg
- Q'ty/Box : 40set





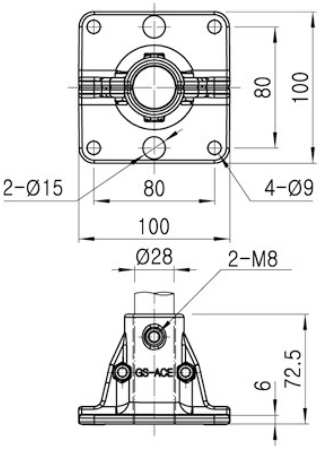
A-204 Stand Joint for φ28 Pipe

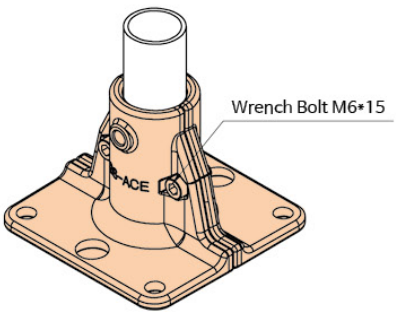




- Weight : 0.126kg
- Q'ty/Box : 20pcs

- A-204 : 2pcs
- M0615/N06W-55 : 2pcs
- Weight : 0.268kg
- Q'ty/Box : 10set





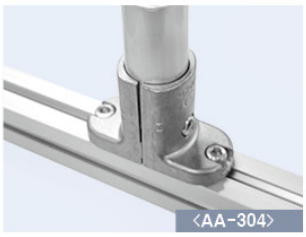
◈ Outer Joints

NEW

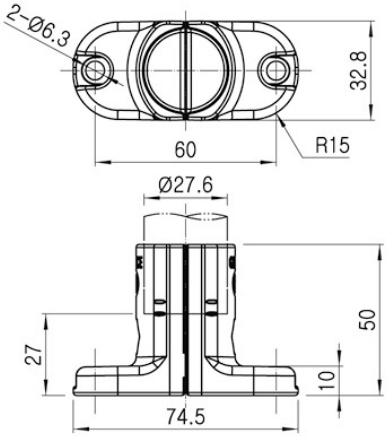
A-304 Supports for Columns (Pipe Angle Adjustable)

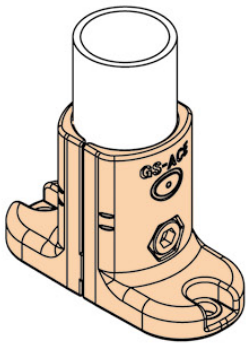


- Weight : 0.035kg
- Q'ty/Box : 80pcs



- A-304 : 2pcs
- M0625/M06W-55 : 1pcs
- Weight : 0.079kg
- Q'ty/Box : 40set





◈ Inner Joints

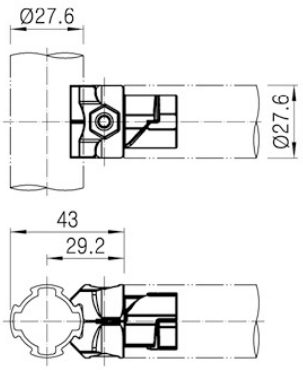
B-001H Single Tee Joint (Heavy Duty)

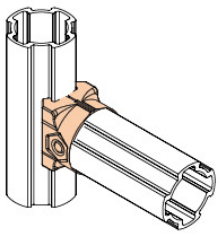


• Weight : 0.020kg
• Q'ty/Box : 240pcs



• B-001H : 2pcs
• M0620/N06-55 : 1set
• Weight : 0.048kg
• Q'ty/Box : 120set





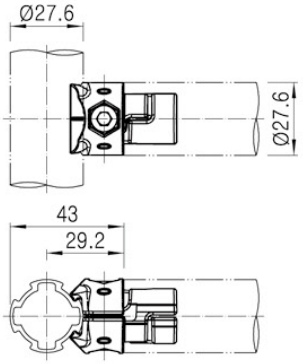
B-001C Single Tee Joint (Pipe Angle Adjustable)

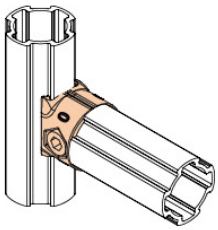


• Weight : 0.018kg
• Q'ty/Box : 300pcs



• B-001C : 2pcs
• M0620/N06W-55 : 1set
• Weight : 0.044kg
• Q'ty/Box : 150set





B-001T Single Tee Joint for T-Slot Pipe

B-001TA



• Weight : 0.013kg
• Q'ty/Box : 400pcs

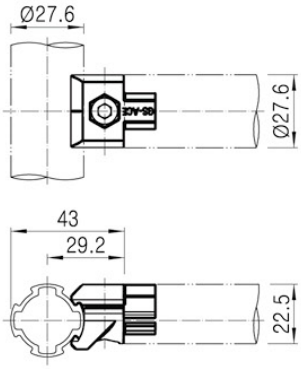


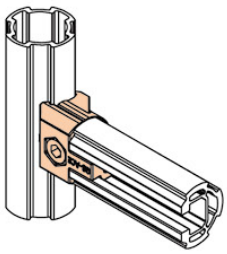
B-001TB



• Weight : 0.013kg
• Q'ty/Box : 400pcs

• B-001TA/B : 1set
• M0615/M06W-55 : 1set
• Weight : 0.033kg
• Q'ty/Box : 200set





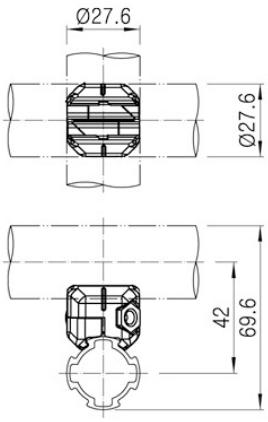
B-006 90 ° Offset Joint

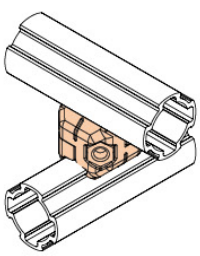


• Weight : 0.012kg
• Q'ty/Box : 400pcs



• B-006: 2pcs
• M0625/N06W-55: 1set
• Weight : 0.036kg
• Q'ty/Box : 200set





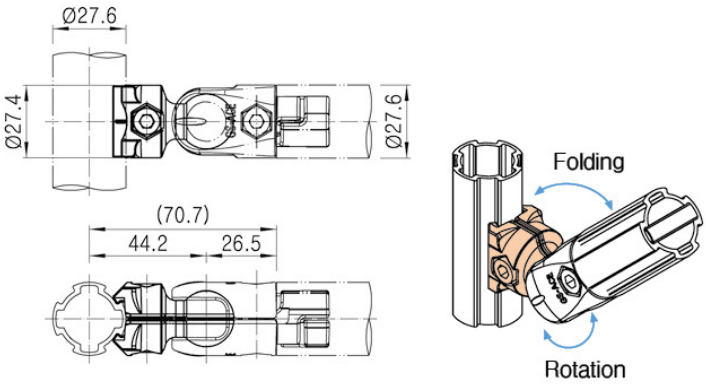
Φ28 AL RACKING SYSTEM

◈ Inner Joints

B-007A Swivel Joint (Rotation, Angle Adjust & Fix)





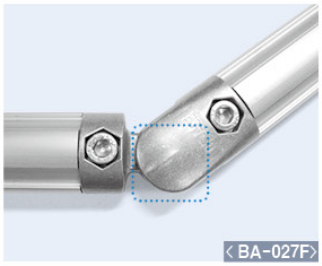


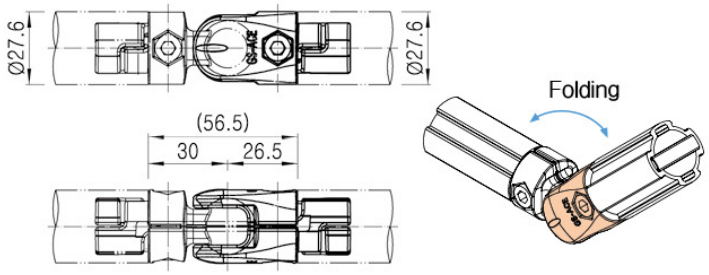
- Weight : 0.017kg
- Q'ty/Box : 400pcs

- B-007A: 2pcs, B-007B: 2pcs
- M0620/N06W-55: 2set
- Weight : 0.099kg
- Q'ty/Box : 80set

B-007B Swivel Joint (Angle Adjust & Fix)







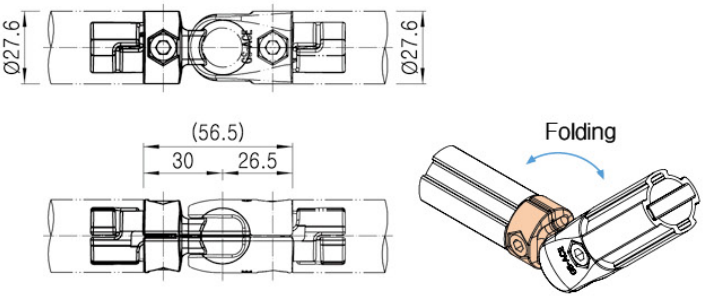
- Weight : 0.025kg
- Q'ty/Box : 250pcs

- B-007B: 2pcs, B-007C: 2pcs
- M0620/N06W-55: 2set
- Weight : 0.112kg
- Q'ty/Box : 80set

B-007C Single Tee Joint (Pipe Angle Adjustable)







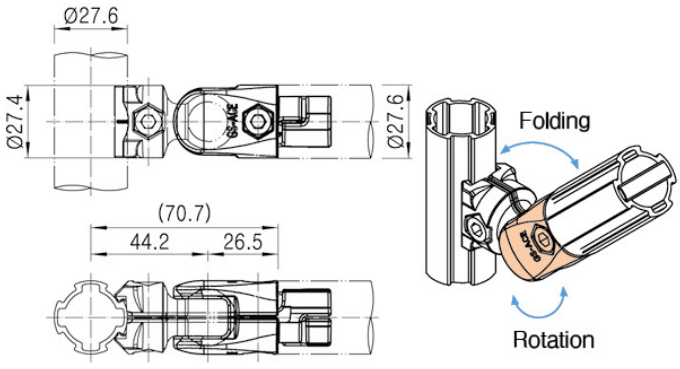
- Weight : 0.023kg
- Q'ty/Box : 250pcs

- B-007C: 2pcs, B-007D: 2pcs
- M0620/N06W-55: 2set
- Weight : 0.111kg
- Q'ty/Box : 80set

B-007D Swivel Joint (Rotation, Angle Adjustable)







- Weight : 0.025kg
- Q'ty/Box : 250pcs

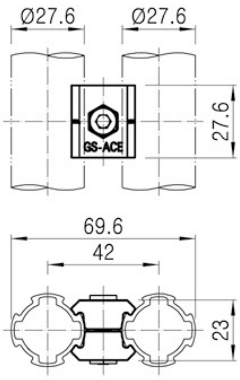
- B-007A: 2pcs, B-007D: 2pcs
- M0620/N06W-55: 2set
- Weight : 0.098kg
- Q'ty/Box : 80set

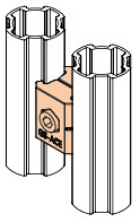
◈ Inner Joints

B-008 Parallel Joint







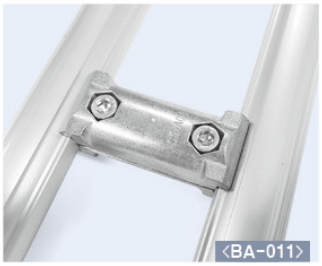


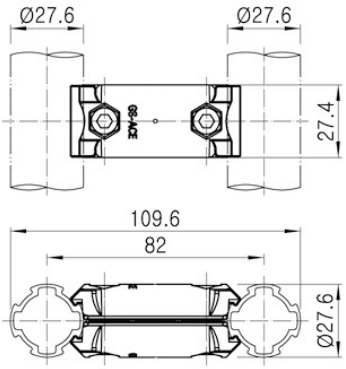
- Weight : 0.013kg
- Q'ty/Box : 400pcs

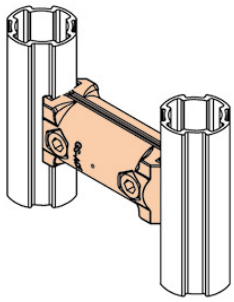
- B-008: 2pcs
- M0620/N06W-55: 1set
- Weight : 0.032kg
- Q'ty/Box : 200set

B-011 Parallel Joint









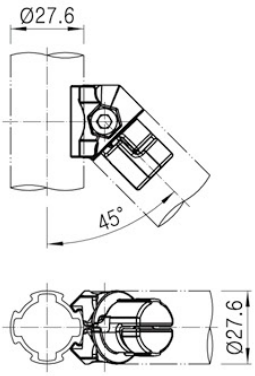
- Weight : 0.030kg
- Q'ty/Box : 200pcs

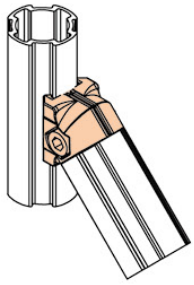
- B-011: 2pcs
- M0620/N06W-55: 2set
- Weight : 0.075kg
- Q'ty/Box : 100set

B-013L, B-013R 45 ° Joint









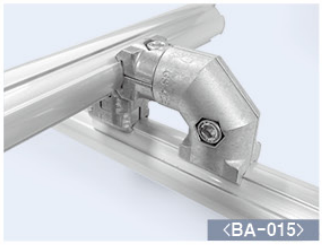
- Weight : 0.018kg
- Q'ty/Box : 300pcs

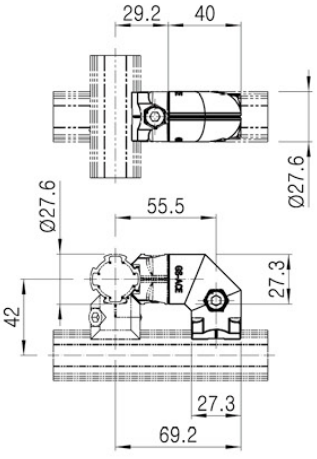
- B-013L: 1pcs, B-013R: 1pcs
- M0620/N06W-55: 1set
- Weight : 0.043kg
- Q'ty/Box : 150set

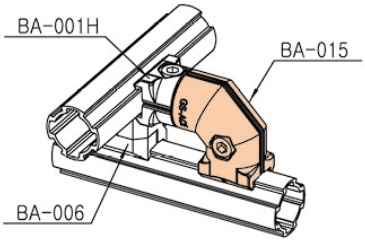
B-015 90 ° Offset Joint (Reinforcing Structure)

B-015L









- Weight : 0.024kg
- Q'ty/Box : 200pcs

B-015R



- Weight : 0.024kg
- Q'ty/Box : 200pcs

- B-015L/R : 1set
- M0620/M06W-55 : 1set
- Weight : 0.056kg
- Q'ty/Box : 100set

* BA-006 사용 시 강도 보강용

Φ28 AL RACKING SYSTEM

◈ Inner Joints

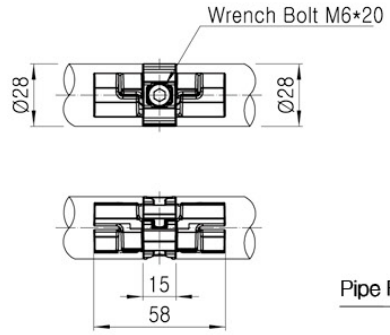
B-044B Straight Connector Joint

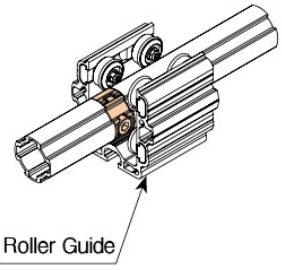


• Weight : 0.024kg
• Q'ty/Box : 200pcs



• B-044B : 2pcs
• M0620/N06W-55: 1set
• Weight : 0.058kg
• Q'ty/Box : 100set

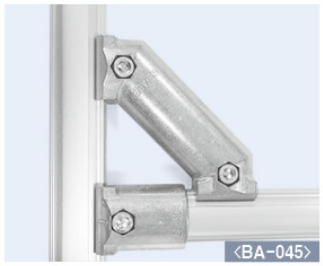




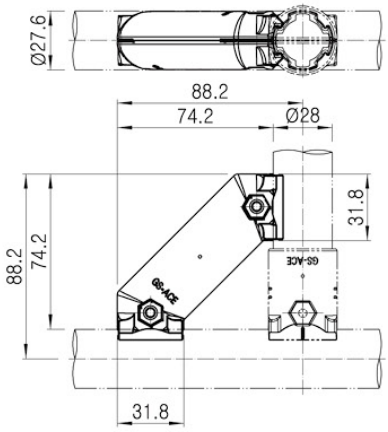
B-045 Corner Joint

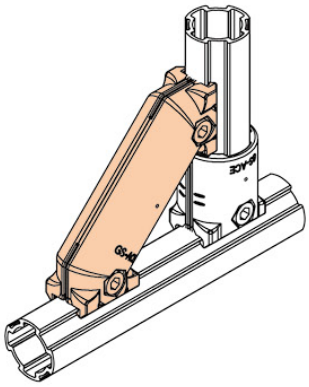


• Weight : 0.048kg
• Q'ty/Box : 100pcs



• B-045: 2pcs
• M0620/N06W-55: 2set
• Weight : 0.114kg
• Q'ty/Box : 50set

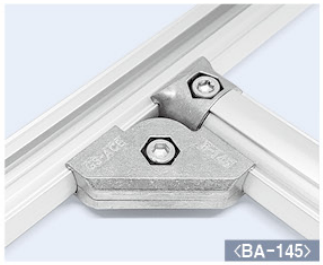




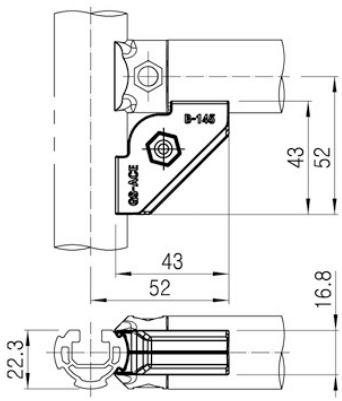
B-145 Corner Joint

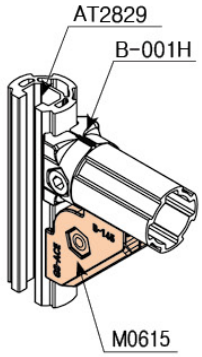


• Weight : 0.020kg
• Q'ty/Box : 400pcs



• B-145 : 2pcs
• M0610/N06W-55 : 1set
• Weight : 0.047kg
• Q'ty/Box : 200set





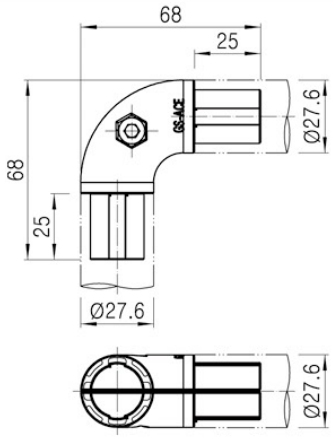
B-090 90 ° Elbow Joint

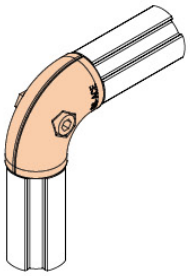


• Weight : 0.039kg
• Q'ty/Box : 120pcs



• B-090: 2pcs
• M0620/N06W-55: 1set
• Weight : 0.086kg
• Q'ty/Box : 60set





◈ Inner Joints

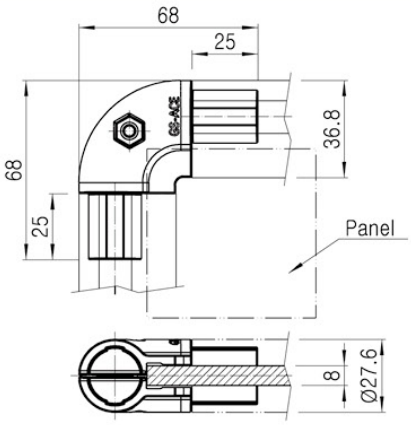
B-091 90° Elbow Joint (for 8T Panel)

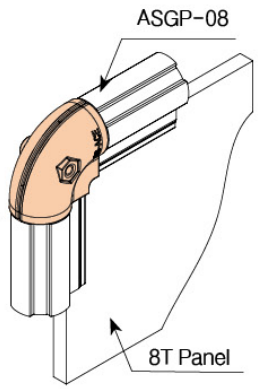




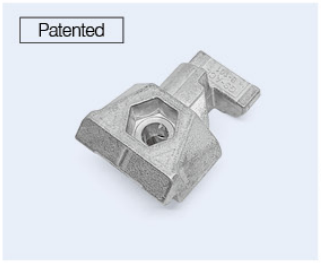
- Weight : 0.039kg
- Q'ty/Box : 120pcs

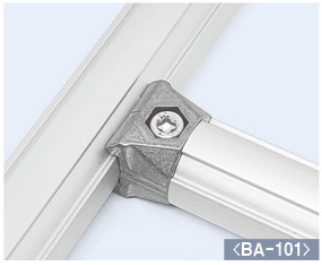
- B-091 : 2pcs
- M0620/N06W-55 : 1set
- Weight : 0.086kg
- Q'ty/Box : 60set





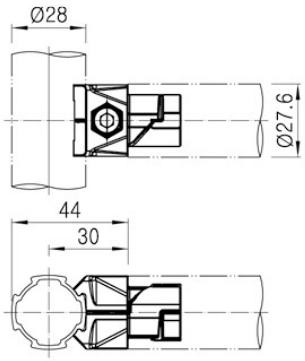
B-101 Single Tee Joint

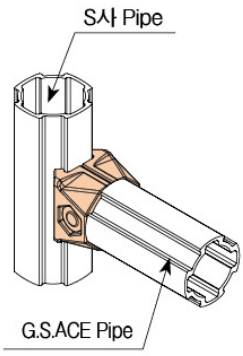




- Weight : 0.020kg
- Q'ty/Box : 200pcs

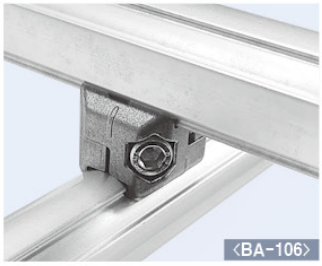
- B-101 : 2pcs
- M0620/N06W-55 : 1set
- Weight : 0.048kg
- Q'ty/Box : 100ea





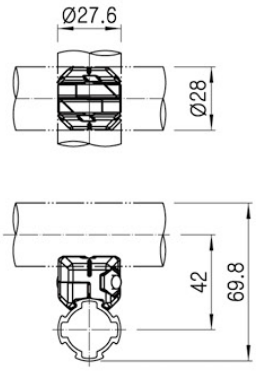
B-106 Cross type Joint

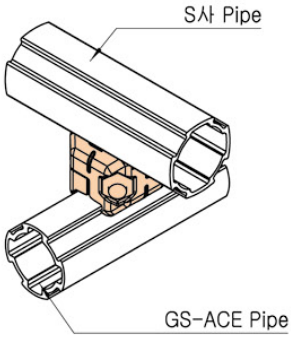




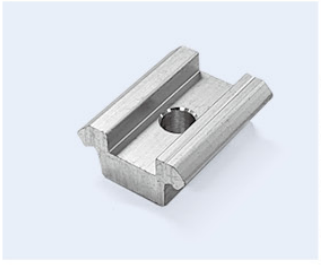
- Weight : 0.013kg
- Q'ty/Box : 400pcs

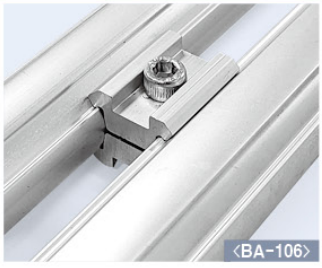
- B-106 : 2pcs
- M0625/M06W-55 : 1pcs
- Weight : 0.035kg
- Q'ty/Box : 200set





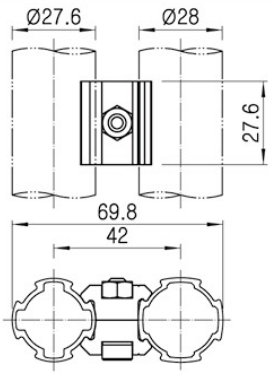
B-108 Double Joint

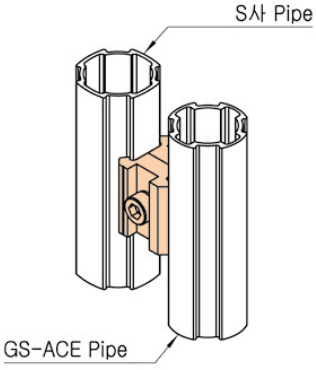




- Weight : 0.051kg
- Q'ty/Box : 400pcs

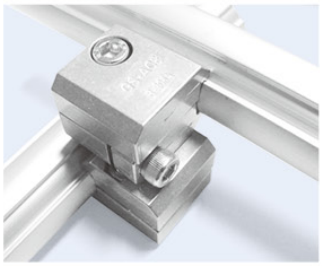
- B-108 : 2pcs
- M0620/M06W-55 : 1pcs
- Weight : 0.102kg
- Q'ty/Box : 200set





◈ Inner Joints

BA-206 Crossover Joint (Angle Adjustable)



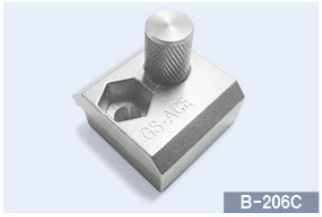
- B-206A: 1pcs, B-206B: 1pcs, B-206C: 1pcs, B-206D: 1pcs
- M0620/N06W-55: 2set M0625: 1pcs
- Weight : 0.117kg
- Q'ty/Box : 60set



- Weight : 0.020kg
- Q'ty/Box : 240pcs



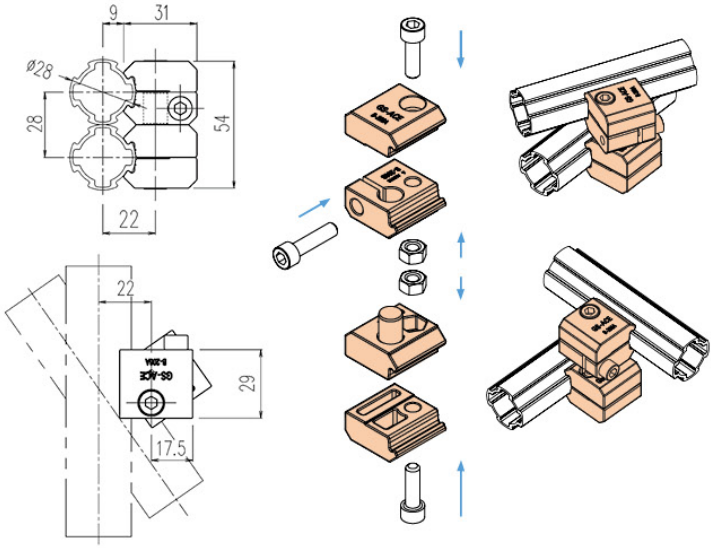
- Weight : 0.020kg
- Q'ty/Box : 240pcs



- Weight : 0.035kg
- Q'ty/Box : 240pcs



- Weight : 0.020kg
- Q'ty/Box : 240pcs



Φ28 ALUMINUM ACCESSORIES

A28-A301 AL Gas Spring Bracke

A28-301A

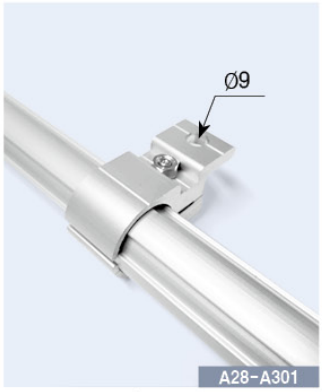


- Weight : 0.027kg
- Q'ty/Box : 160pcs

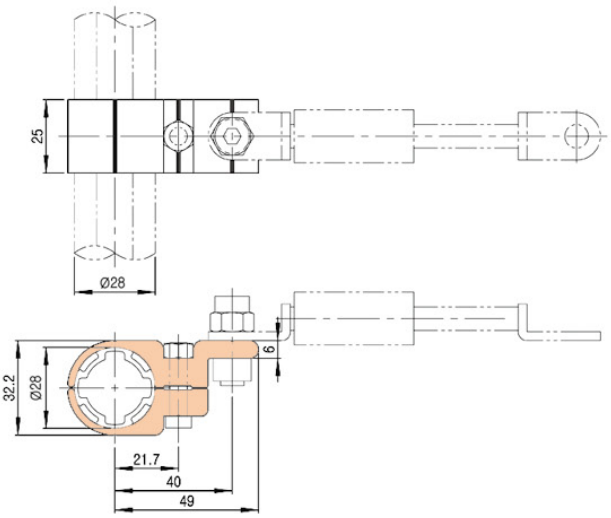
A28-301B



- Weight : 0.019kg
- Q'ty/Box : 160pcs



- A28-301 A/B : 1set
- M0625/N06W-55 : 1set
- Weight : 0.056kg
- Q'ty/Box : 80set



A28-A305 Aluminum Bracket for Ø28

A28-305A

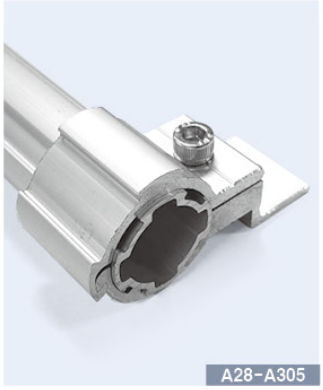


- Weight : 0.025kg
- Q'ty/Box : 160pcs

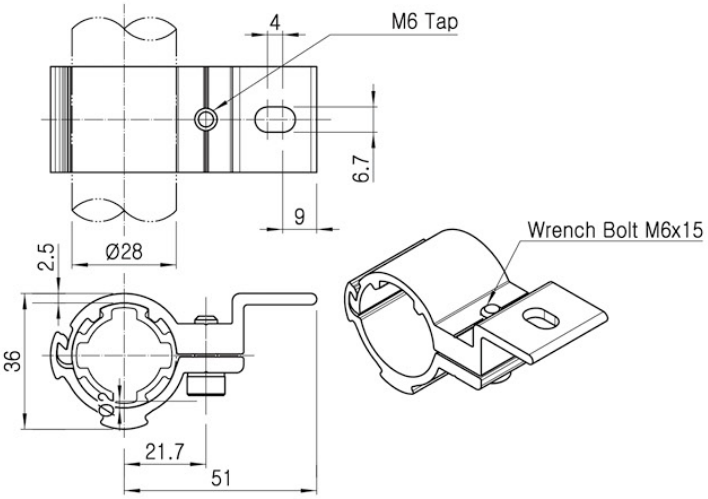
A28-305B



- Weight : 0.018kg
- Q'ty/Box : 160pcs

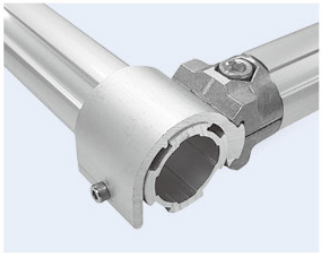


- A28-305A/B : 1set
- M6*15/N06W-55 : 1set
- Weight : 0.045kg
- Q'ty/Box : 80set

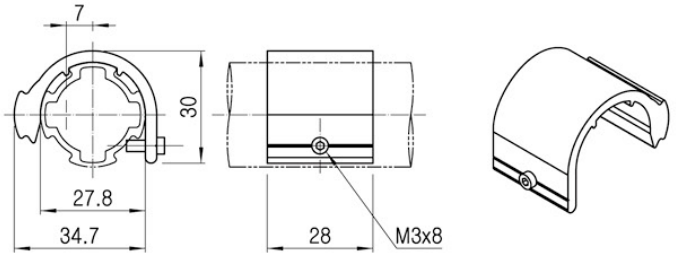


A28-A306 AL Pipe Rest



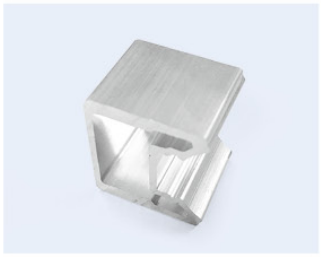


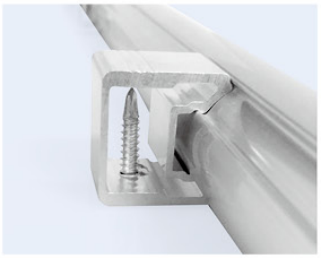
- Weight : 0.020kg
- Q'ty/Box : 160pcs

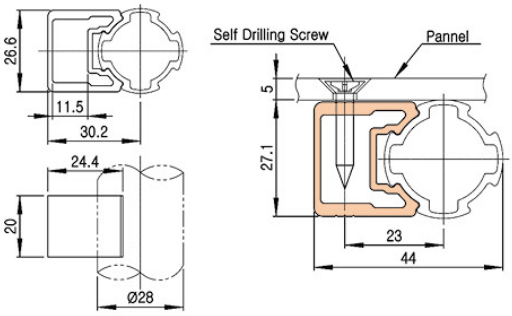


Φ28 AL RACKING SYSTEM

A28-N302 AL Board Support (Outside)

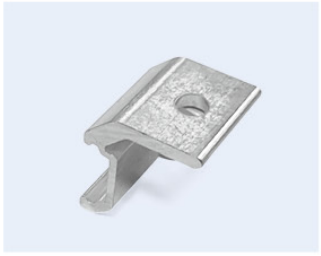


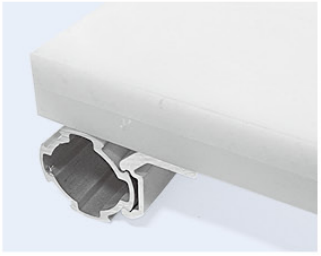


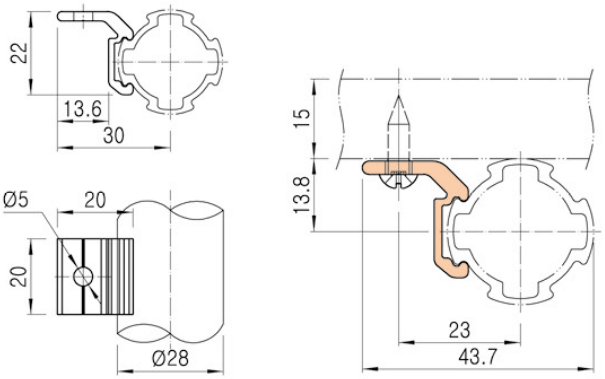


- Weight : 0.012kg
- Q'ty/Box : 250pcs

A28-N303 AL Board Support (Inside)

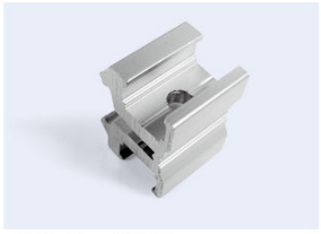


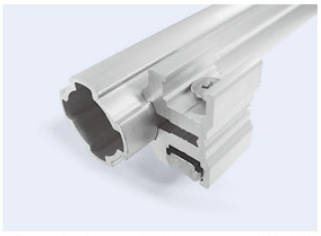




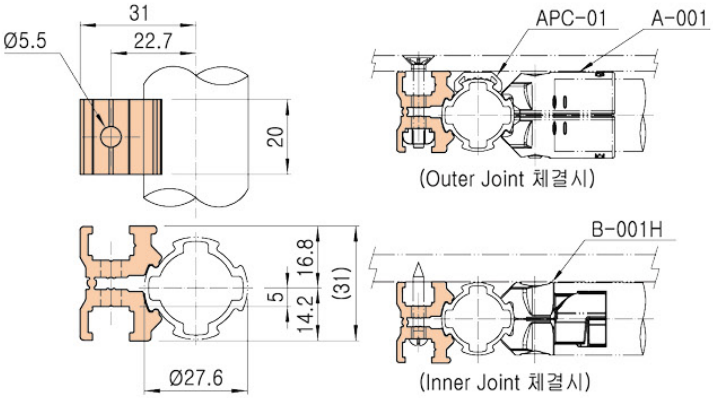
- Weight : 0.005kg
- Q'ty/Box : 800pcs

ABS-620 Board Support



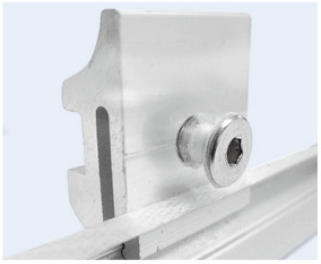


- Weight : 0.020kg
- Q'ty/Box : 300pcs
- Standard Length 4MT :ABS-600SA

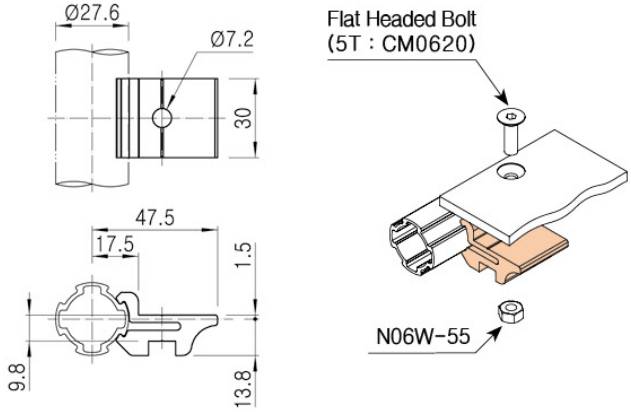


B-017A-08 Panel Joint



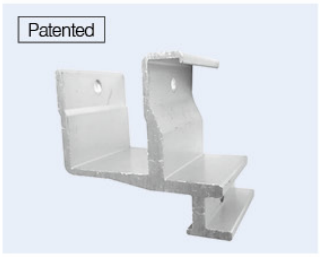


- Weight : 0.030kg
- Q'ty/Box : 200pcs

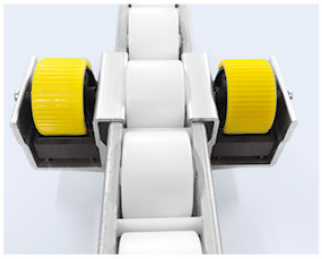


ACY-303A Plastic Cable Holder

Patented



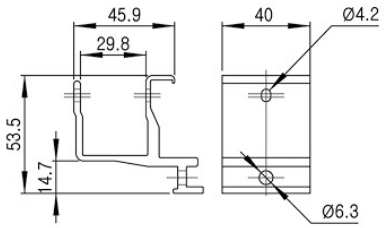
- Weight : 0.055kg
- Q'ty/Box : 40pcs



- ACY-303A : 2pcs
- DR-40R : 2pcs
- M0630/N06W-55 : 1set
- M0440/NN04W : 2set



- ACY-303A : 2pcs
- Roller 40A, B, C, D : 2pcs
- M0630/N06W-55 : 1set
- M0440/NN04W : 2set

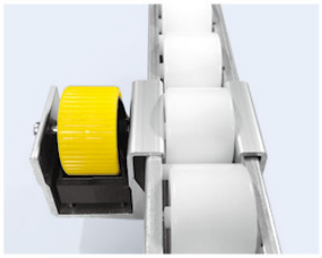


ACY-303B Roller Track Guide Bracket

Patented



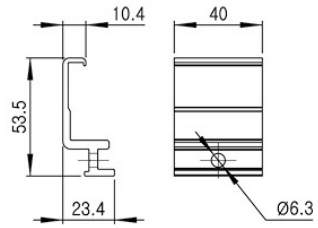
- Weight : 0.029kg
- Q'ty/Box : 80pcs

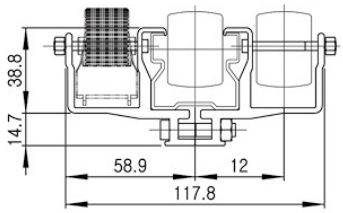


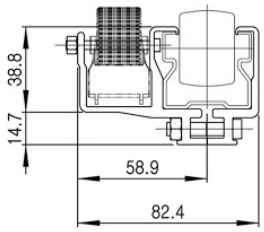
- ACY-303A, B : 1set
- DR-40R : 1pcs
- M0630/N06W-55 : 1set
- M0440/NN04W : 1set

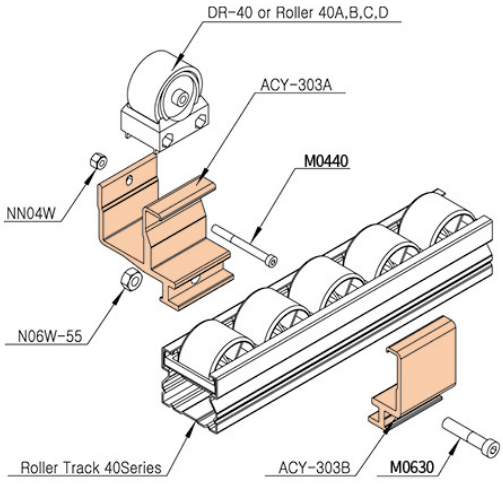


- ACY-303A, B : 1set
- Roller 40A, B, C, D : 1pcs
- M0630/N06W-55 : 1set
- M0440/NN04W : 1set





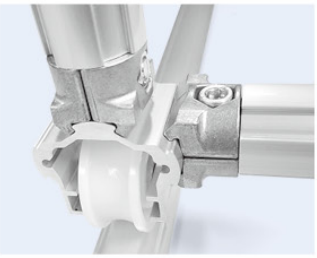


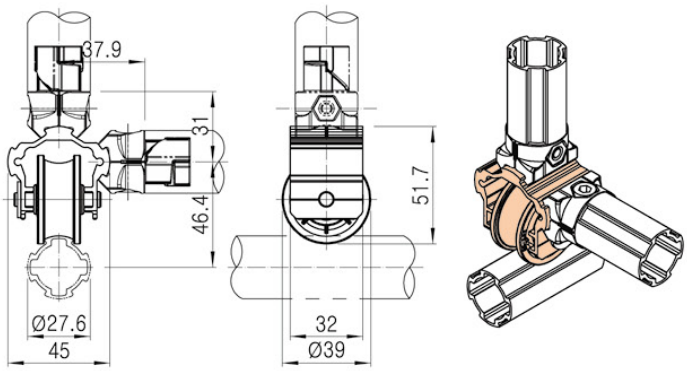


Φ28 AL RACKING SYSTEM

ACY-A306 AL Roller Guide





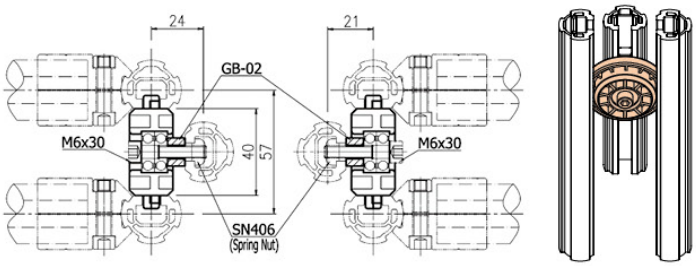


- Weight : 0.083kg
- Q'ty/Box : 60pcs

ASR-52 Slot Roller







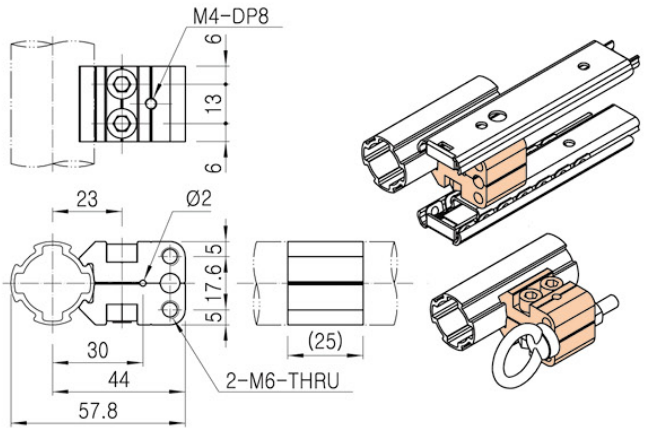
- Weight : 0.034kg
- Q'ty/Box : 450pcs

- ASR-52:1pcs, GB-02:1pcs
- M0630:1pcs, SN406:1pcs

ACY-323A AL Multi Connector







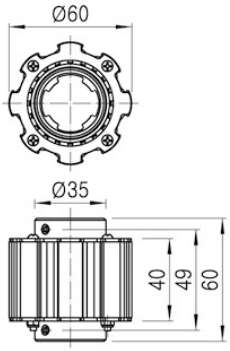
- Weight : 0.010kg
- Q'ty/Box : 600pcs

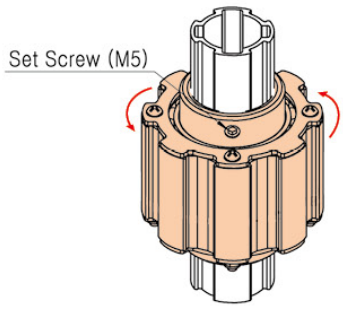
- ACY-323A : 2pcs
- M0620/N06W-55 : 2set
- Weight : 0.025kg
- Q'ty/Box : 200set

Φ28 AL RACKING SYSTEM

ARU-28A AL Rotary Unit



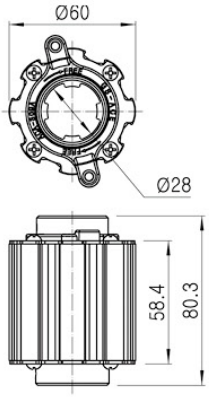


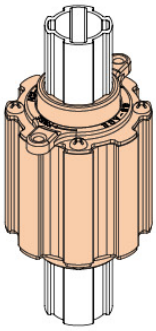
- Weight : 0.240kg
- Q'ty/Box : 40pcs

ACA-309A One Way Clutch



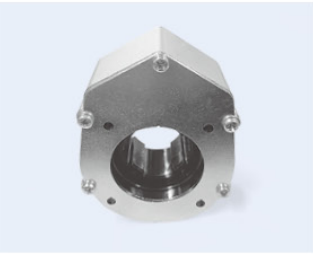


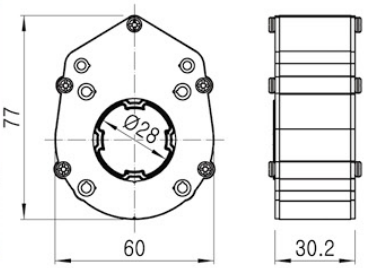


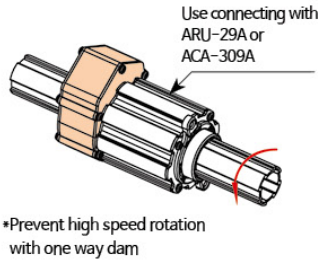


- Weight : 0.320kg
- Q'ty/Bundle : 20pcs

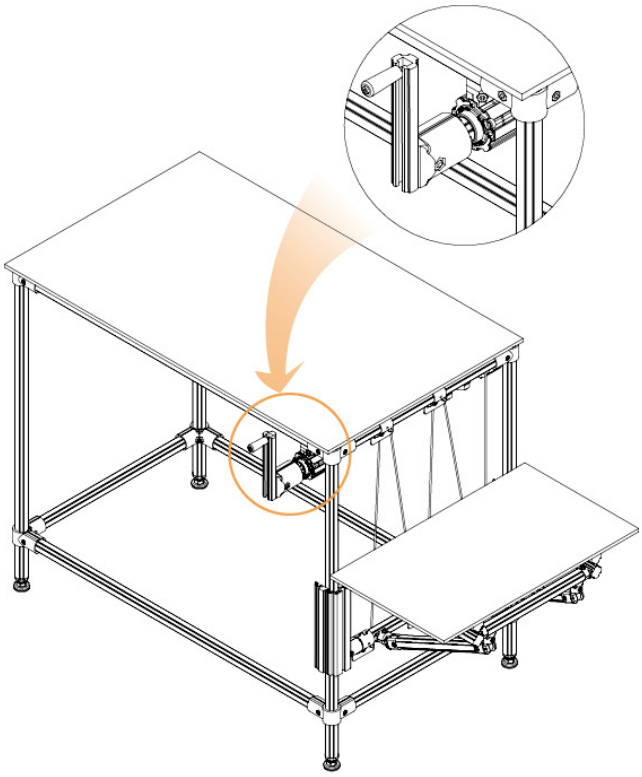
ACA-321A Rotary Damper



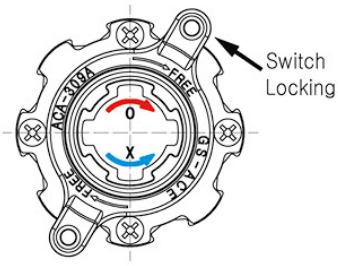





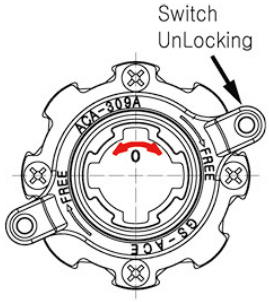
- Weight : 0.141kg
- Q'ty/Box : 45pcs



EXAMPLE OF CLUTCH APPLICATION



※ Switch Locking
Inner Pipe Rotate CW
and Locked CCW

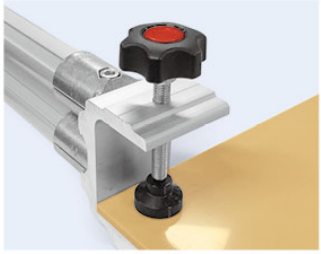


※ Switch UnLocking
Inner Pipe Rotate
CW and CCW

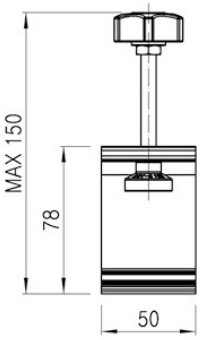
Φ28 AL RACKING SYSTEM

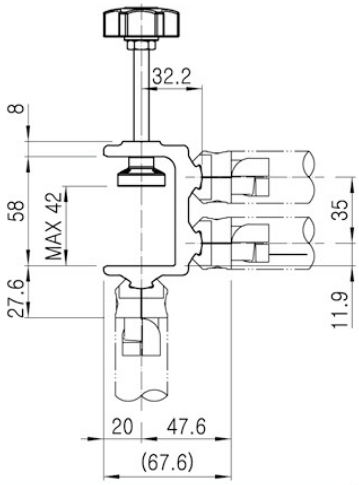
ACA-315A Joint Coupling Clamp





- Weight : 0.210kg
- Q'ty/Bundle : 24pcs





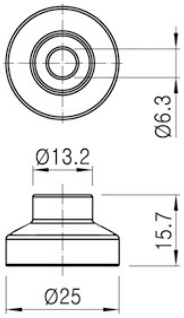
ACY-315C Plastic Leveling Foot (For M6 Bolt)

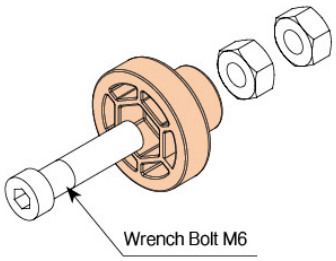




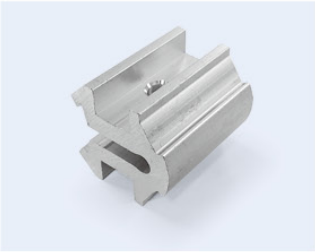
- Weight : 0.005kg
- Q'ty/Box : 900pcs

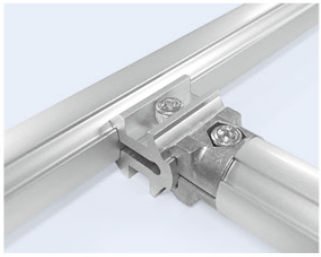
* separate purchase for Wrench Bolt



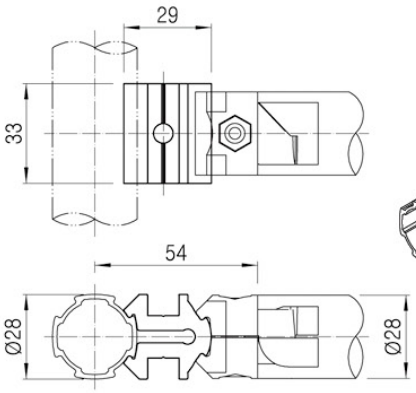


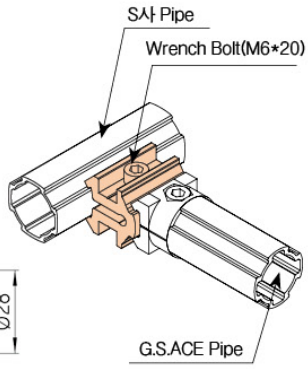
ACY-318A Pipe Connecting Adapter



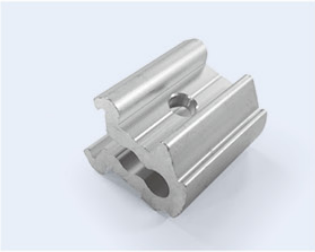


- Weight : 0.034kg
- Q'ty/Box : 150pcs



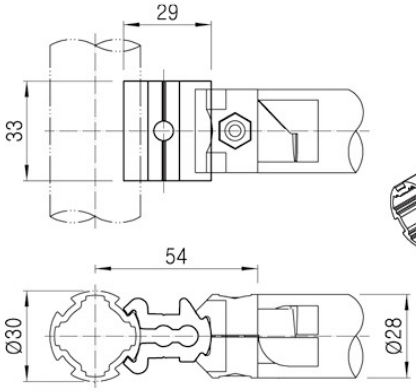


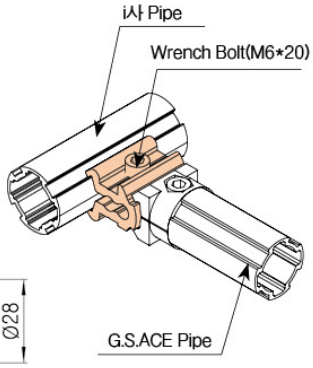
ACY-318B Pipe Connecting Adapter



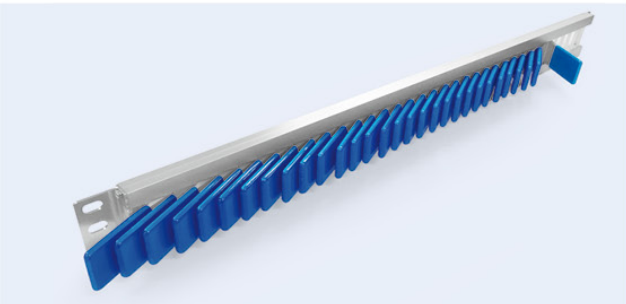


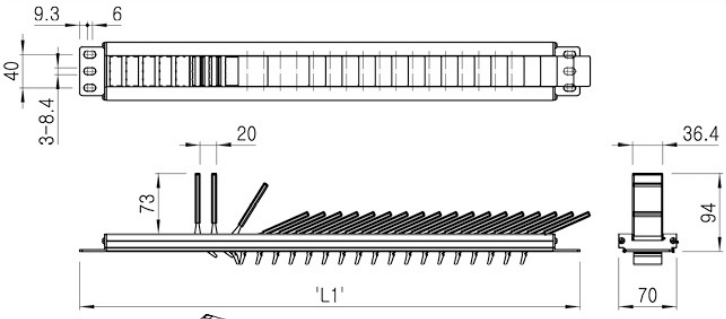
- Weight : 0.027kg
- Q'ty/Box : 150pcs





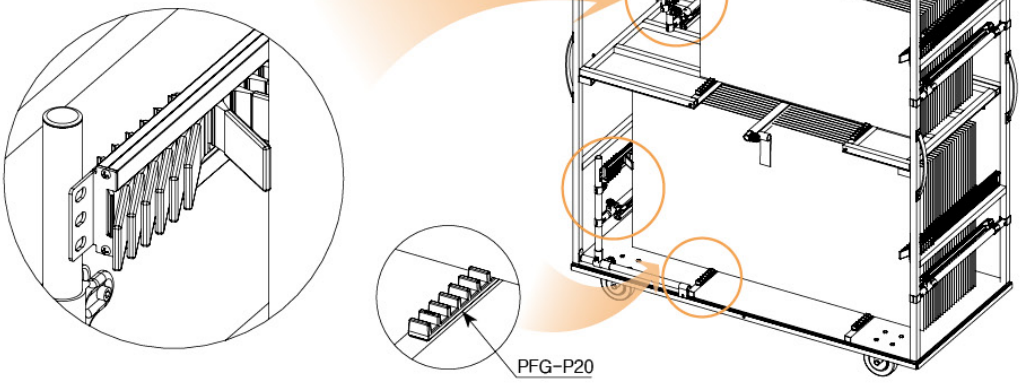
ACA-2060A/80A Link Guide Unit



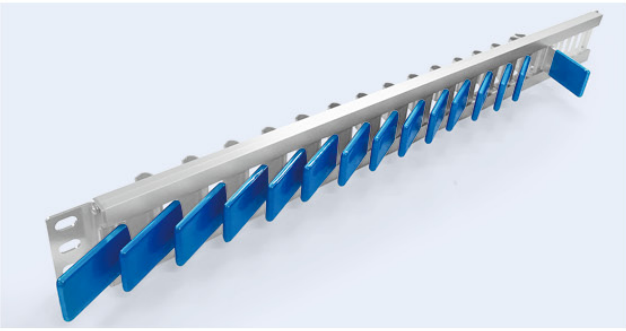


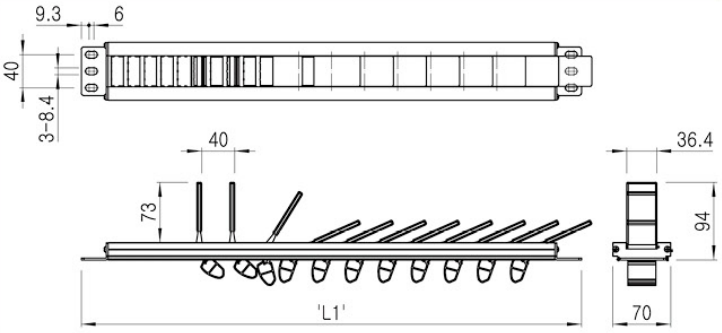
• Weight : ACA-2060A 1.945kg
ACA-2080A 2.690kg

NO	ITEM NO	" L1 "	Pitch
1	ACA-2060A	605mm	20mm
2	ACA-2080A	800mm	



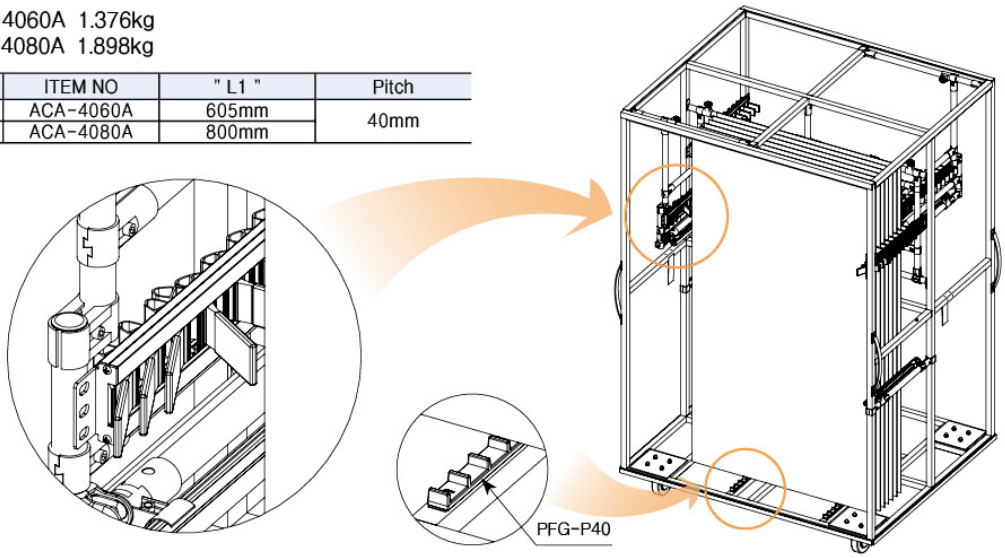
ACA-4060A/80A Link Guide Unit





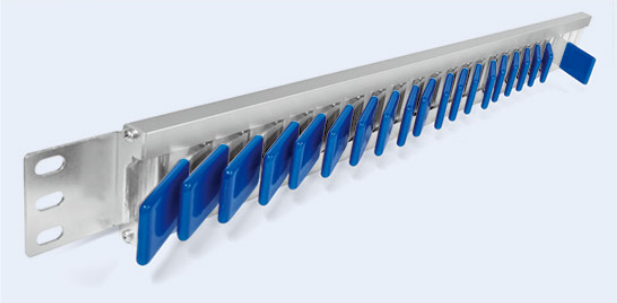
• Weight : ACA-4060A 1.376kg
ACA-4080A 1.898kg

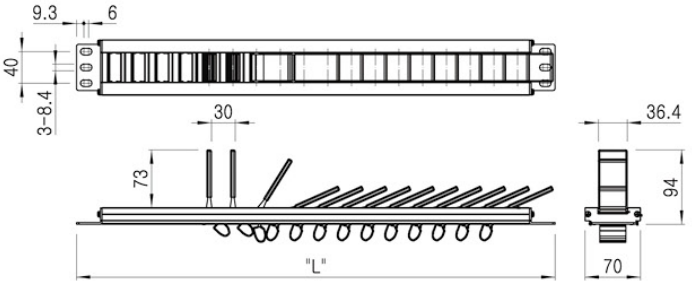
NO	ITEM NO	" L1 "	Pitch
1	ACA-4060A	605mm	40mm
2	ACA-4080A	800mm	



Φ28 AL RACKING SYSTEM

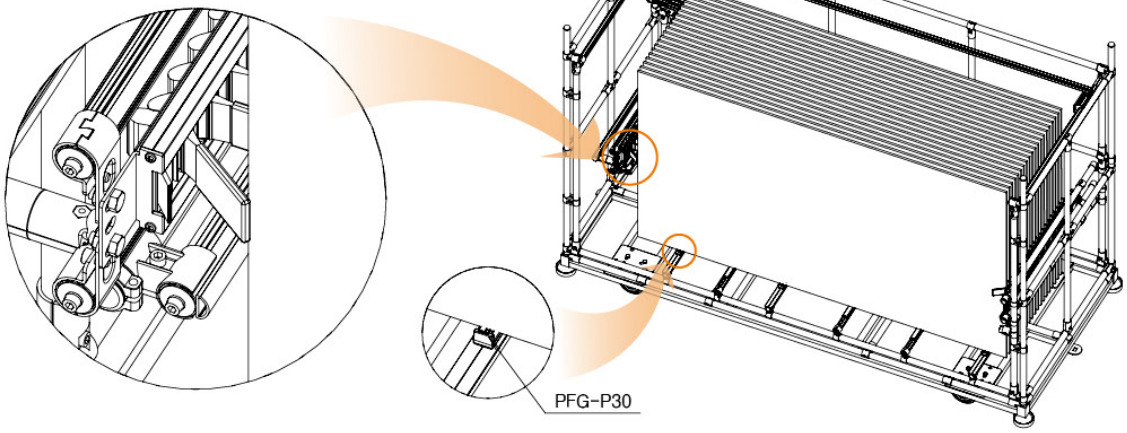
ACA-3060A/80A Link Guide Unit



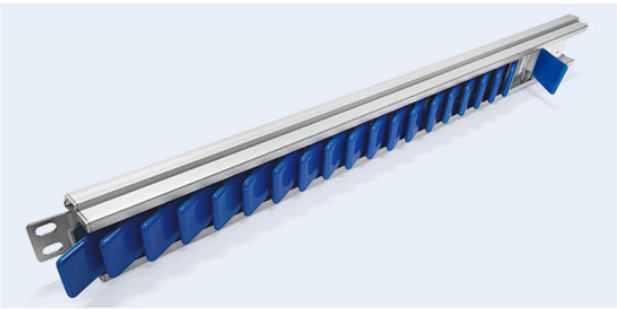


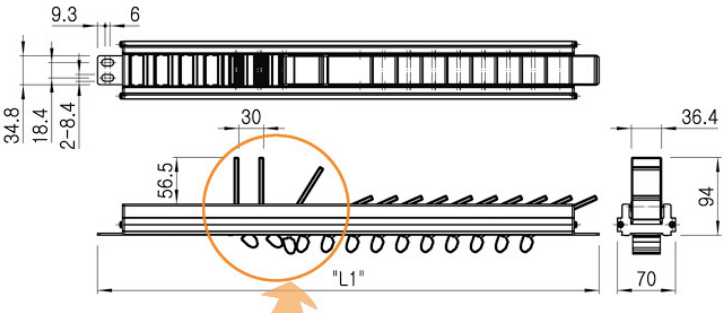
- Weight : ACA-3060A 1.450kg
  ACA-3080A 1.985kg

NO	ITEM NO	" L1 "	Pitch
1	ACA-3060A	605mm	30mm
2	ACA-3080A	800mm	



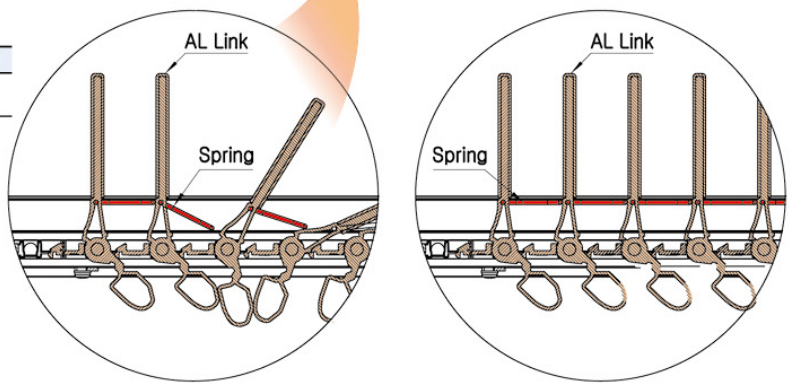
NEW ACA-3060HA/80HA Link Guide Unit (Spring Type)





- Weight : ACA-3060HA 1.600kg
  ACA-3080HA 2.1kg

NO	ITEM NO	" L1 "	Pitch
1	ACA-3060HA	605mm	30mm
2	ACA-3080HA	800mm	

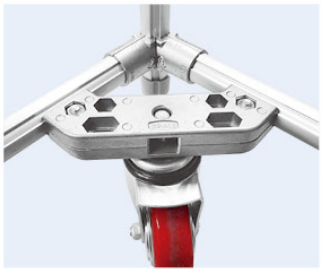


Display Panel enter
(Operate in order per each step)

Display Panel Loading
(Fix by Spring per each step)

ACM-400 AL Caster Mount

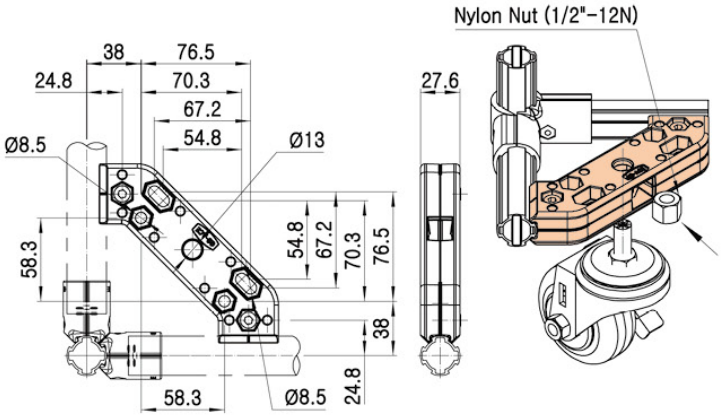


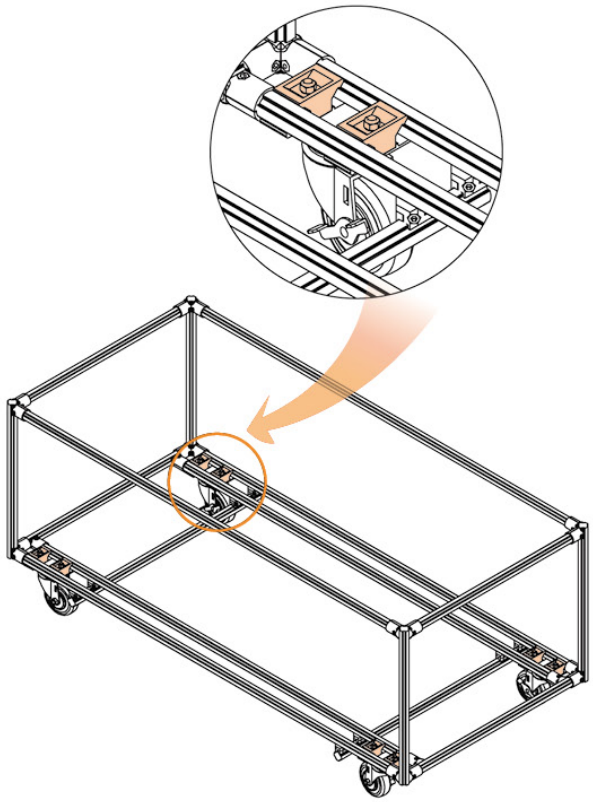


- Weight : 0.143kg
- Q'ty/Box : 40pcs

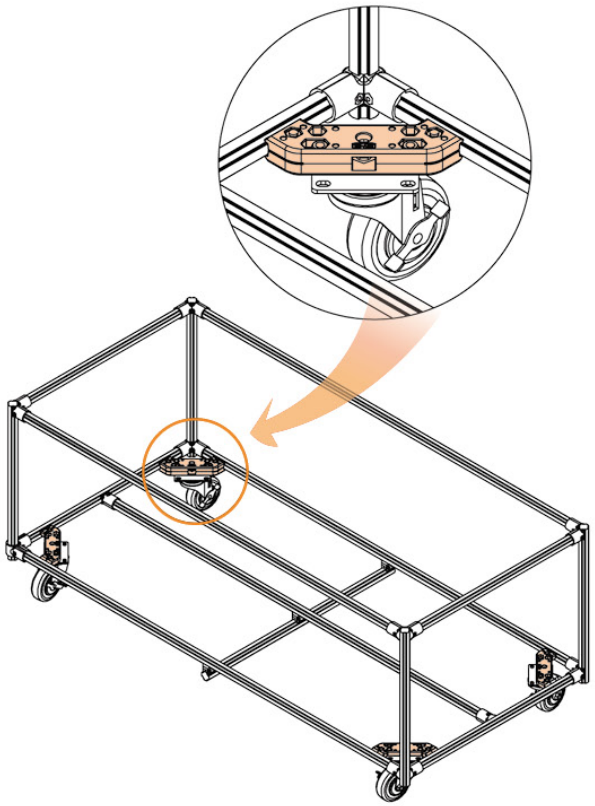
- Assembling Threaded Stem Type Caster
  - ACM-400 : 2pcs
  - M0820 & N08 : 2set
  - NN12W-I WZ (1/2"-12N Nut) : 1pcs

- Assembling Top Plate Type Caster
  - ACM-400 : 2pcs
  - GM835W & N08W : 2set
  - Plain washer (M8) & Spring Washer (M8) : 2set





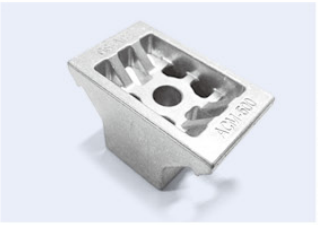
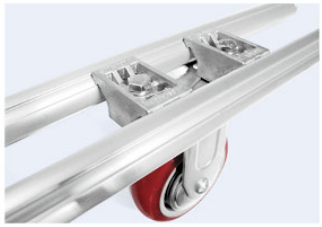
ACM-500 APPLIED

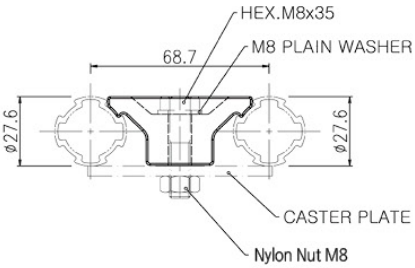


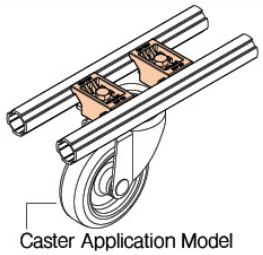
ACM-400 APPLIED

Φ28 AL RACKING SYSTEM

ACM-500 AL Caster Mount

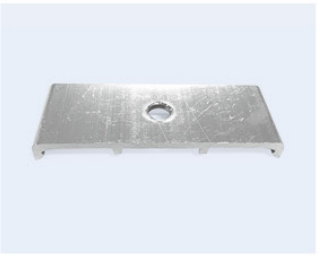
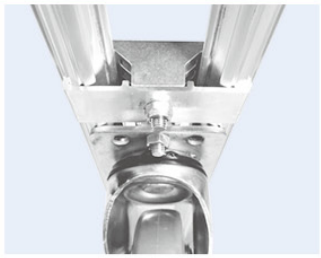



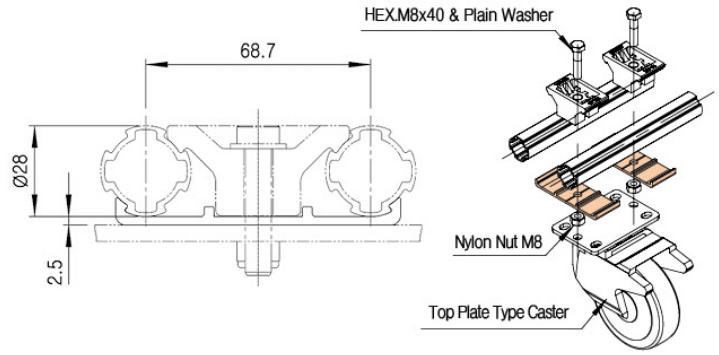



Caster Application Model
: PA500 Series

- Weight : 0.054kg
- Q'ty/Box : 100pcs

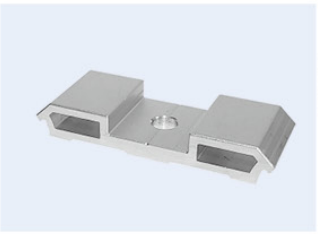
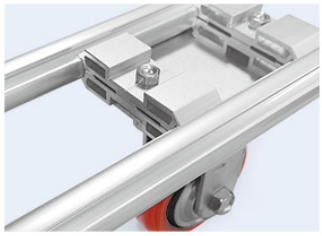
ACM-500-S AL Caster Mount (For Aid)

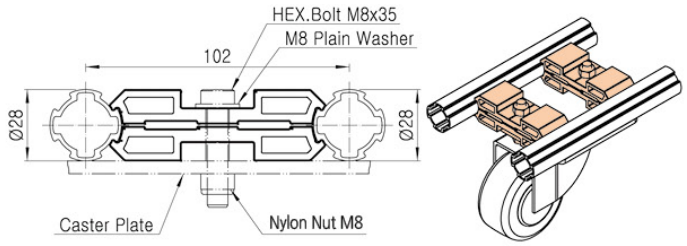





- Weight : 0.024kg
- Q'ty/Box : 200pcs

ACM-510 AL Caster Mount

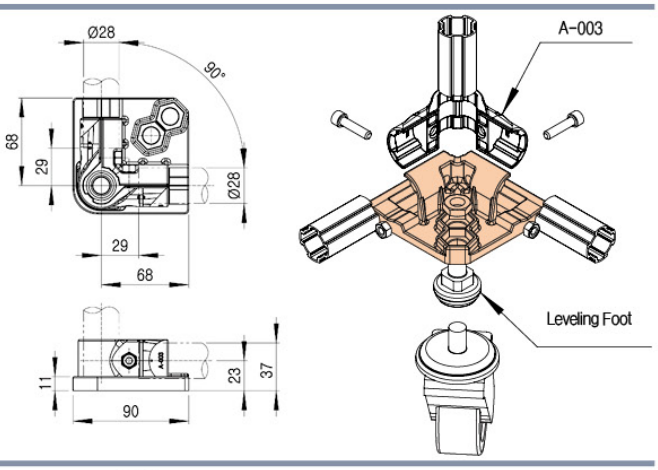


- Weight : 0.047kg
- Q'ty/Box : 60pcs

ACB-B28A/B AL Corner Base





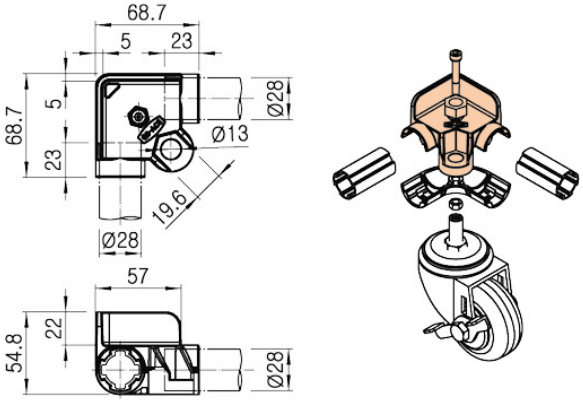


- Weight : 0.208kg
- Q'ty/Box : 24pcs

- ACB-B28A/B : 1set
- A-003 : 1EA
- M0625/N06W-55 : 2set
- Weight : 0.296kg
- Q'ty/Box : 24set

NEW ACB-G28A AL Corner Base



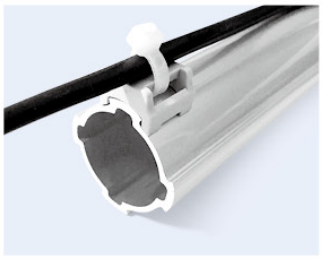
- Weight : 0.116kg
- Q'ty/Box : 24pcs

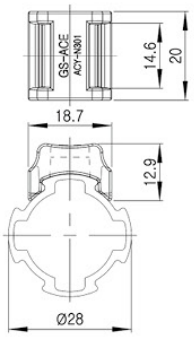
- ACB-G28A & A-090 : 1set
- M0625/N06W-55 : 1set
- Weight : 0.176kg

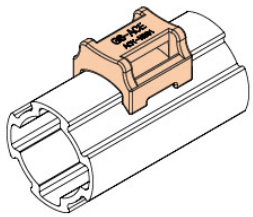
Φ28 AL RACKING SYSTEM

ACY-N301 Plastic Cable Holder



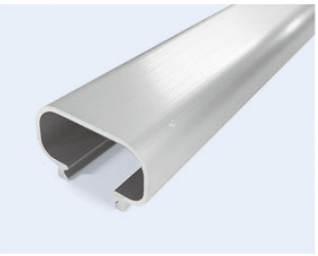




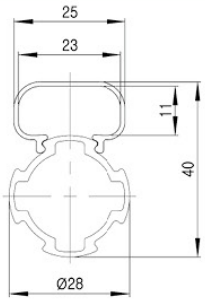


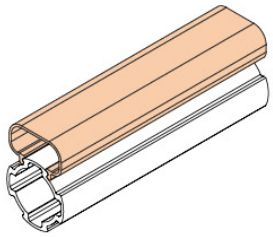
- Weight : 0.002kg
- Q'ty/Box : 3000pcs

ACD-B Cable Duct









- Weight : 0.177kg/m
- Q'ty/Bundle : 12pcs
- .Standard Length : 4MT

Φ28 AL RACKING SYSTEM

ACPA-H6026A AL Connector Piece

ACP-H6026A-L



ACP-H6026A-R

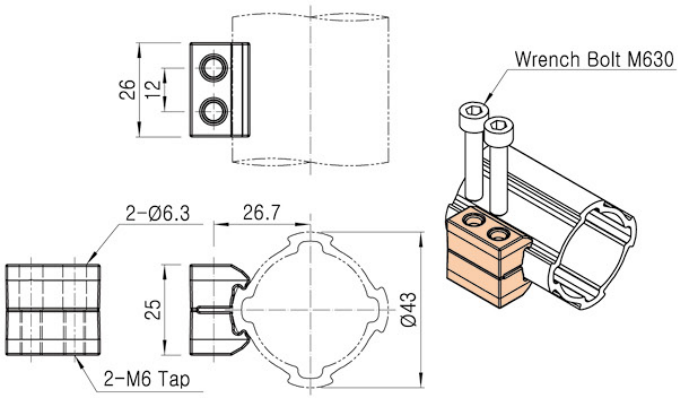




〈ACPA-H6026A〉

- Weight : 0.007kg
- Q'ty/Box : 800pcs

- ACP-H6026A-L/R : 1set
- M0630 : 2pcs • Q'ty/Box : 300set



ACPA-V6026A AL Connector Piece

ACP-V6026A-L



ACP-V6026A-R

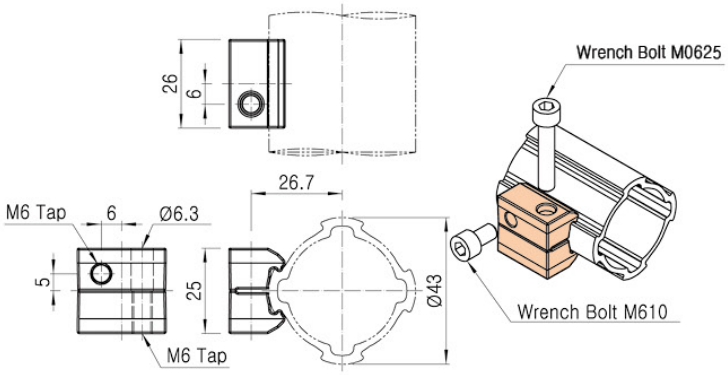




〈ACPA-V6026A〉

- Weight : 0.007kg
- Q'ty/Box : 800pcs

- ACP-V6026A-L/R : 1set
- M0625 : 1pcs • M0610 : 1pcs
- Q'ty/Box : 300set



SPS-0635 Spring Shaft

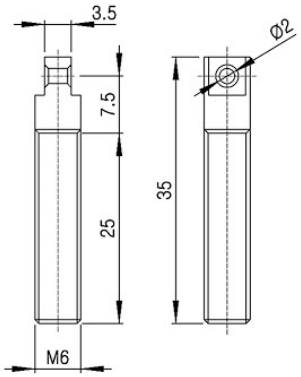




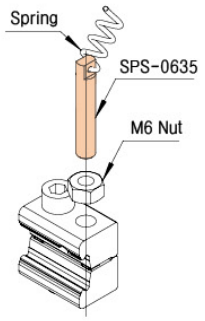
〈ACPS-H6026A〉

- Weight : 0.008kg
- Q'ty/Box : 4000pcs

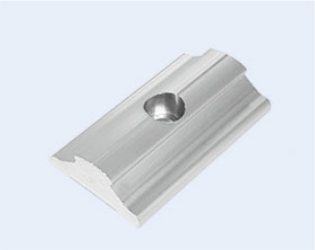
- ACP-H6026A-L/R : 1set
- SPS-0635 : 1pcs
- M0630 : 1pcs
- N06W-55 : 1pcs
- Weight : 0.034kg
- Q'ty/Box : 300set



* Spring 걸이용 Shaft

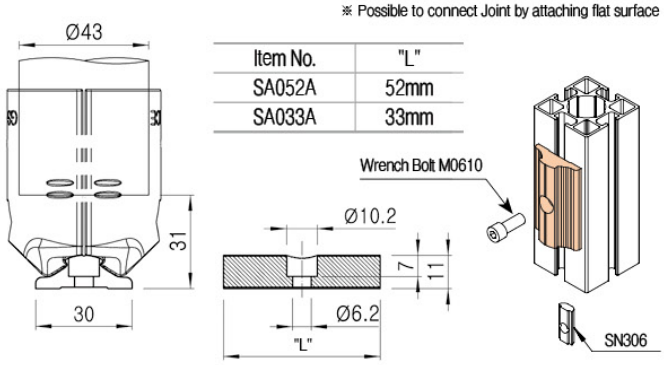


SA052A/SA033A Mount Bracket (General Use)





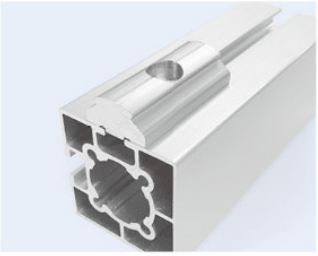
※ Possible to connect Joint by attaching flat surface

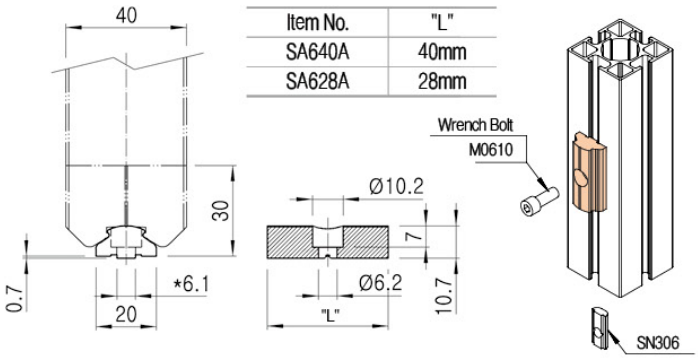


- Weight : 0.027kg
- Q'ty/Box : 240pcs

SA640A/SA628A Slot Adaptor (for 40x40 AL Profile)



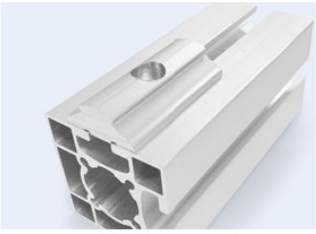


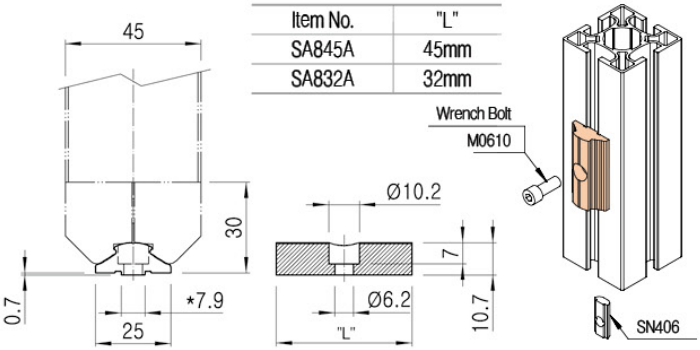


- Weight : 0.017kg
- Q'ty/Box : 300pcs

SA845A/SA832A Slot Adaptor (for 45x45 AL Profile)

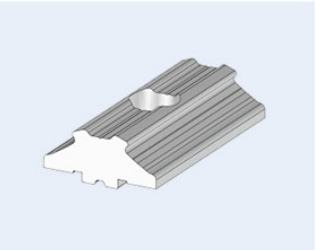


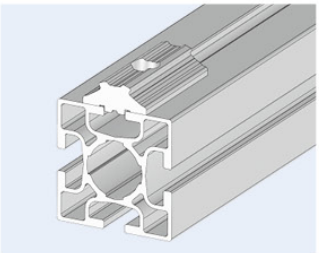


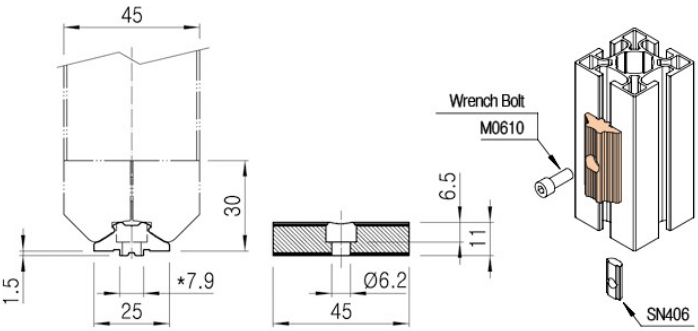


- Weight : 0.019kg
- Q'ty/Box : 300pcs

SA845B Slot Adaptor (for 45x45 AL Profile)







- Weight : 0.019kg
- Q'ty/Box : 300pcs

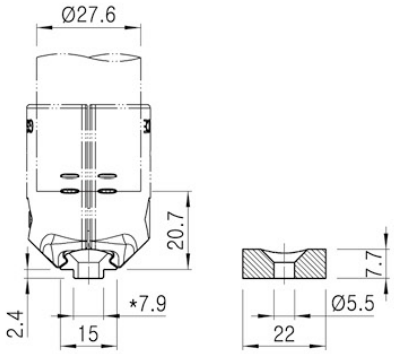
Φ28 AL RACKING SYSTEM

SA822C Slot Adaptor (for T-Slot Pipe)

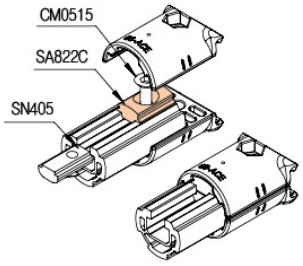




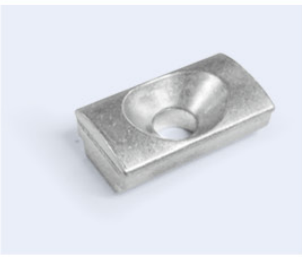
• Weight : 0.004kg
• Q'ty/Box : 1000pcs

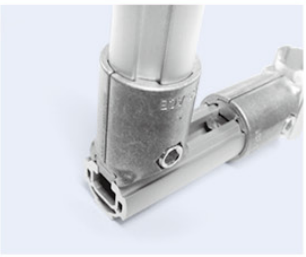


※ Reinforce Holding Force between AT2829 & A-001

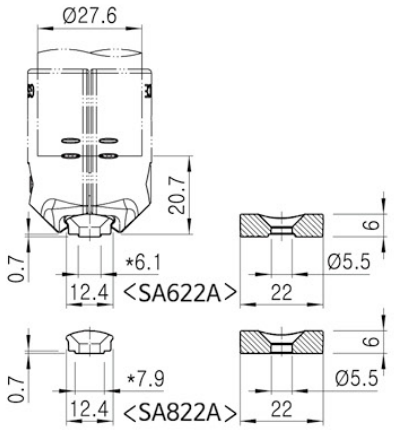


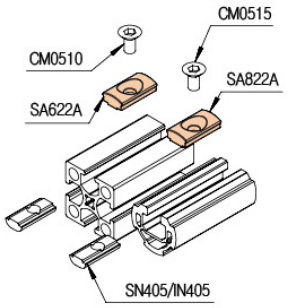
SA622A/SA822A Slot Adaptor (for T-Slot Pipe)



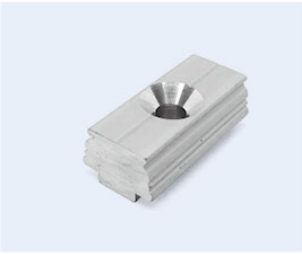


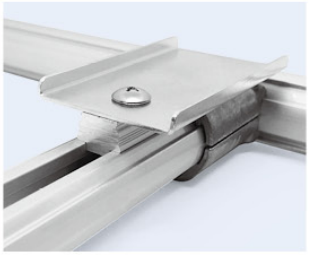
• Weight : 0.004kg
• Q'ty/Box : 1,000pcs



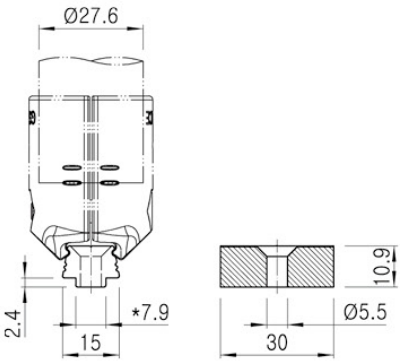


SA830C Slot Adaptor (for T-Slot Pipe)

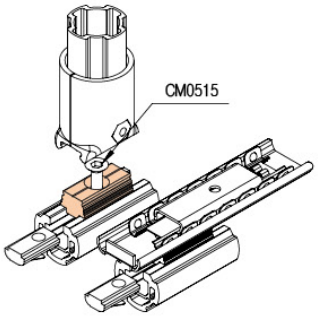




• Weight : 0.010kg
• Q'ty/Box : 600pcs



※ Attach various Components using Flat Surface



〈Table for attachable Pipe/Profile〉

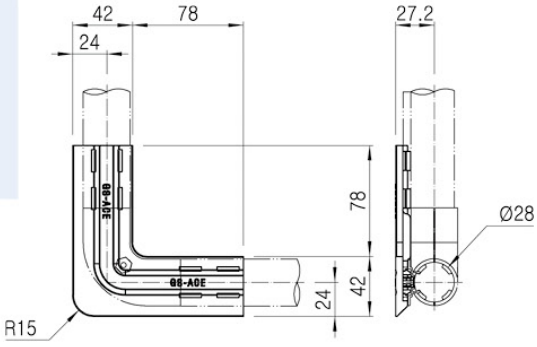
Part No.	Aluminum Pipe	Aluminum Profile	
	AT2829	40x40	45x45
SA052A/SA033A	△	△	△
SA640A/SA628A		○	
SA845A/SA832A			○
SA845B			○

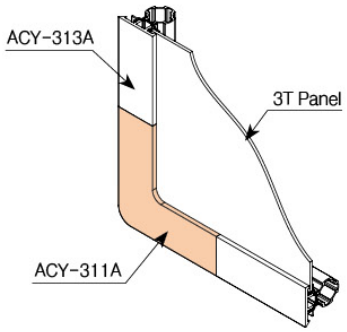
Part No.	Aluminum Pipe	Aluminum Profile	
	AT2829	40x40	45x45
SA822C	○		○
SA622A		○	
SA822A	○		○
SA830C	○		○

ACY-311A Panel Cover (For Corner)



- Weight : 0.032kg
- Q'ty/Bundle : 90pcs

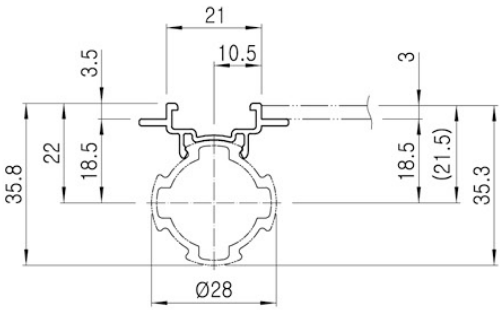


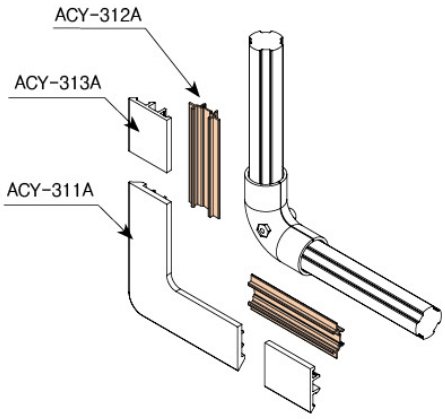


ACY-312A AL Sheet Guide (For Panel Cover)



- Weight : 0.192kg
- Q'ty/Bundle : 20pcs
- Standard Length : 4MT

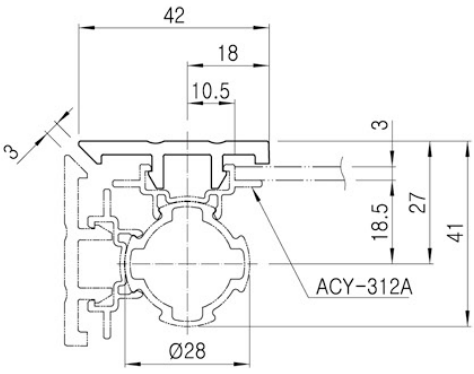


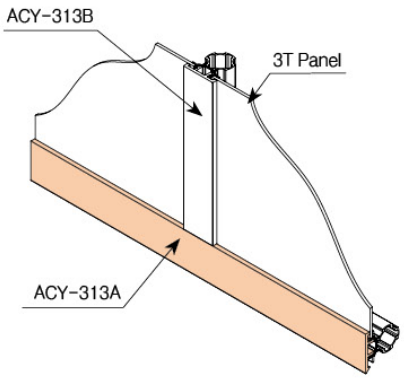


ACY-313A Panel Cover (For Outer Pipe)



- Weight : 0.151kg
- Q'ty/Box : 30pcs
- Standard Length : 3MT

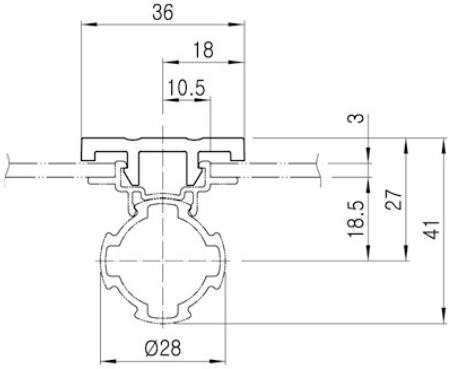


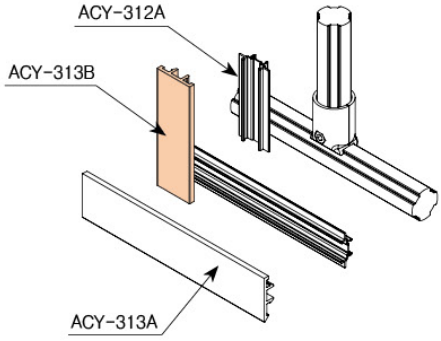


ACY-313B Panel Cover (For Inner Pipe)



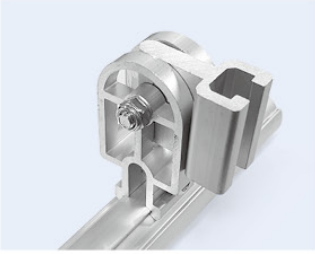
- Weight : 0.136kg
- Q'ty/Box : 30pcs
- Standard Length : 3MT

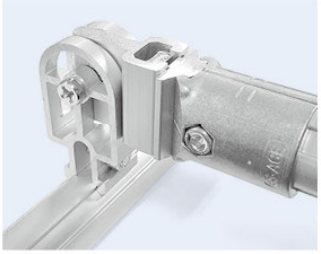




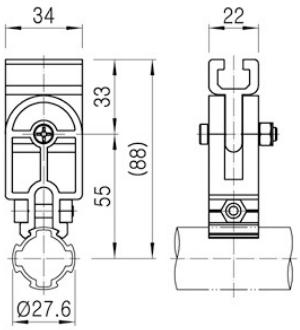
Φ28 AL RACKING SYSTEM

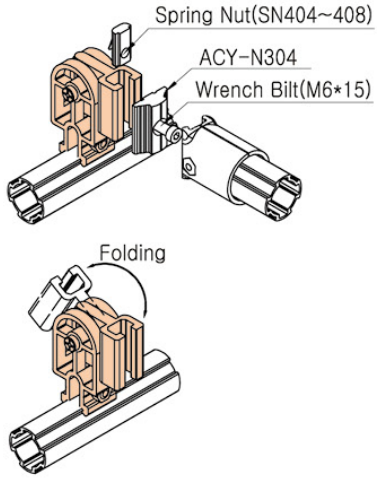
ACA-319A Hinge Unit





• Weight : 0.083kg
• Q'ty/Box : 60pcs



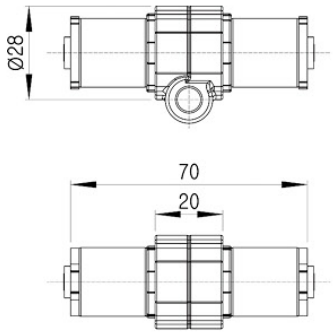


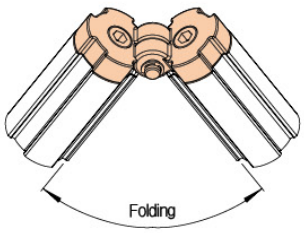
AFU-28A/C/S AL Folding Unit





• Weight : 0.081kg
• Q'ty/Box : 80pcs





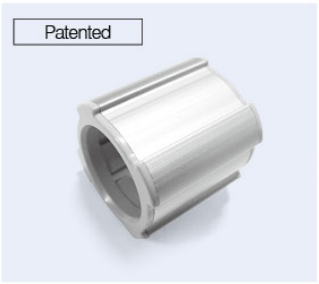
<Table for suitable Pipe>

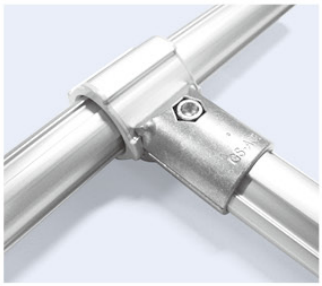
Part No.	Aluminum Pipe			Coated Pipe						STS Pipe			Rubber Color
	1.2T	2.0T	2.9T	0.5T	0.7T	0.9T	1.0T	1.4T	2.0T	0.7T	0.9T	1.2T	
AFU-28A	O	O	O	X	X	X	X	O	O	X	X	X	Yellow
AFU-28C	X	X	X	O	O	O	O	X	X	X	X	X	Black
AFU-28S	X	X	X	X	X	X	X	X	X	O	O	O	Gray

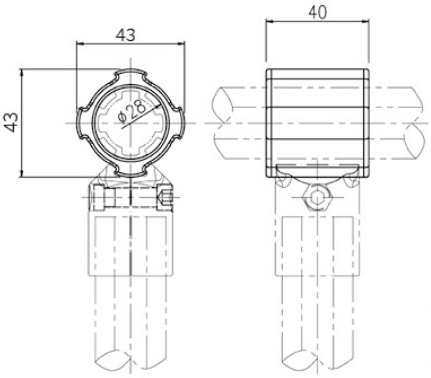
Φ28 AL RACKING SYSTEM

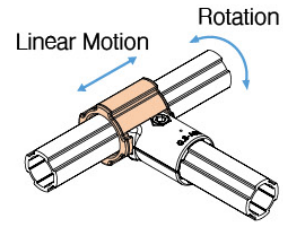
AH-540 AL Sleeve

Patented









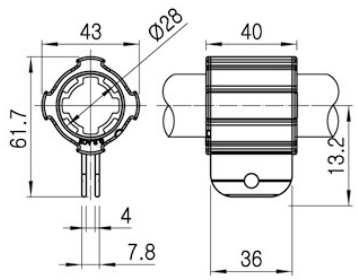
- Weight : 0.034kg
- Q'ty/Box : 100pcs

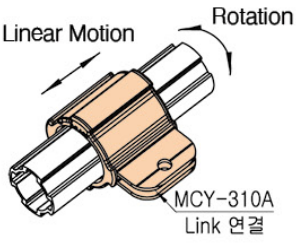
Part No.	Material	Color
AH-540	POM	Gray
AH-540E	POM(ESD)	Black

NEW AH-540L Rotatable AL Sleeve





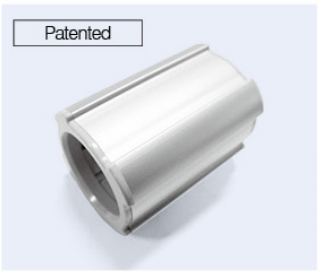


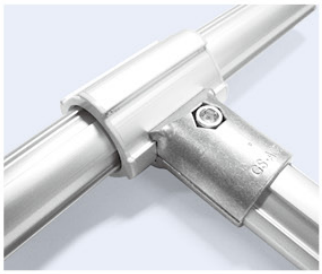


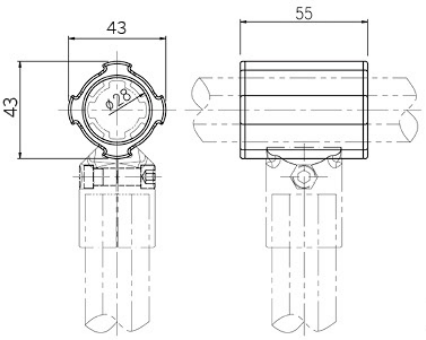
- Weight : 0.040kg
- Q'ty/Box : 40pcs

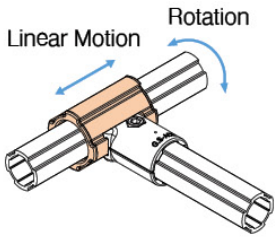
AH-555 Rotatable AL Sleeve

Patented







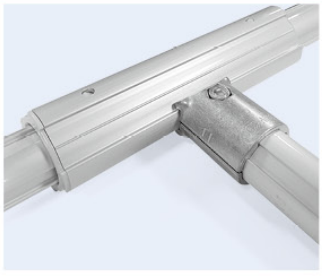


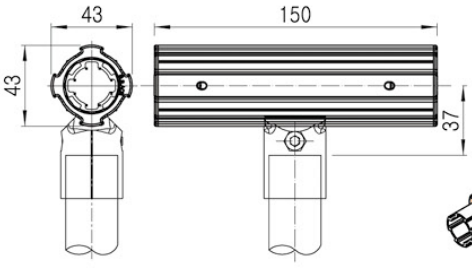
- Weight : 0.046kg
- Q'ty/Box : 100pcs

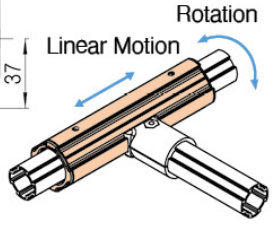
Part No.	Material	Color
AH-555	POM	Gray
AH-555E	POM(ESD)	Black

AH-900 Rotatable AL Sleeve







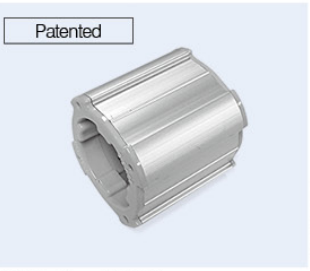


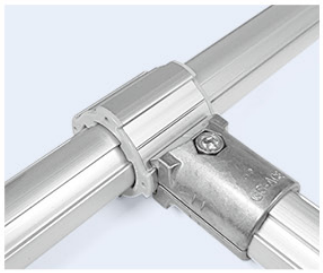
- Weight : 0.118kg
- Q'ty/Box : 36pcs

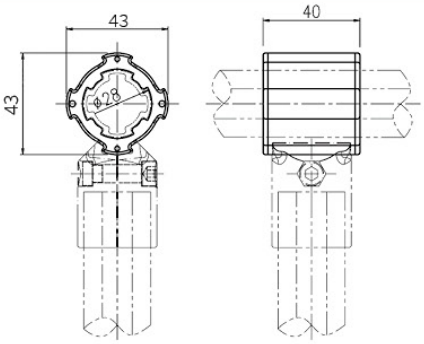
Φ28 AL RACKING SYSTEM

AH-640 AL Sleeve

Patented



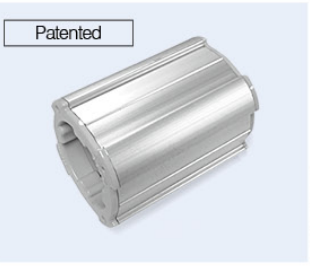


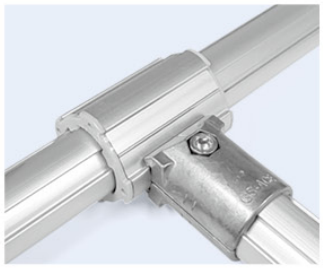


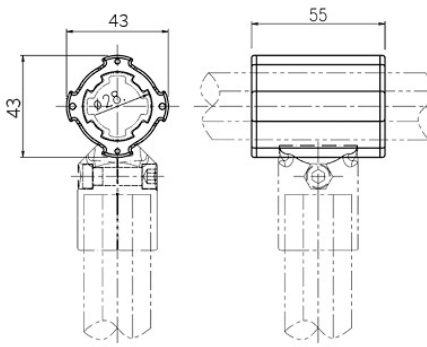
- Weight : 0.035kg
- Q'ty/Box : 100pcs

AH-655 AL Sleeve

Patented





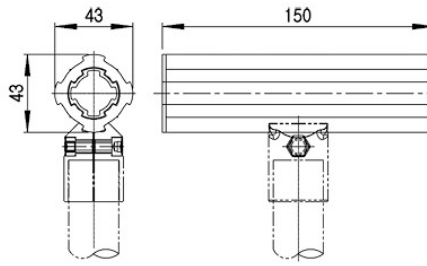


- Weight : 0.048kg
- Q'ty/Box : 100pcs

AH-800 AL Sleeve



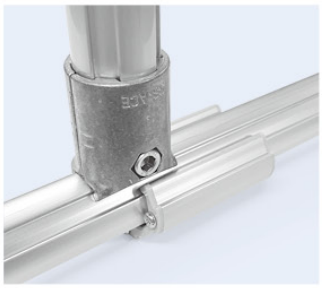


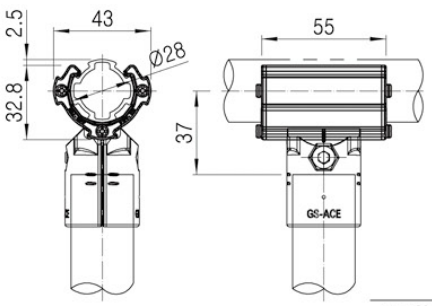


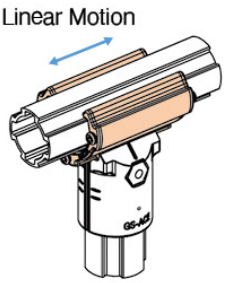
- Weight : 0.118kg
- Q'ty/Box : 36pcs

AH-755 AL Sleeve









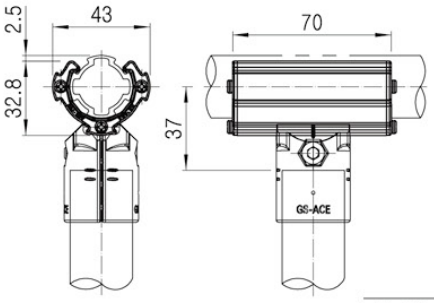
- Weight : 0.048kg
- Q'ty/Box : 100pcs

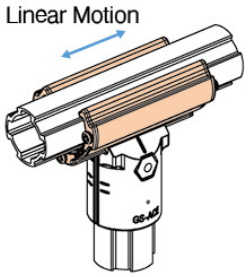
Part No.	Material	Color
AH-755	POM	Gray
AH-755E	POM(ESD)	Black

AH-770 AL Sleeve







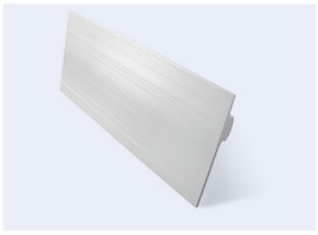


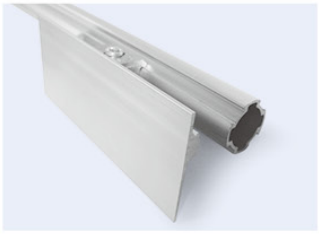
- Weight : 0.058kg
- Q'ty/Box : 80pcs

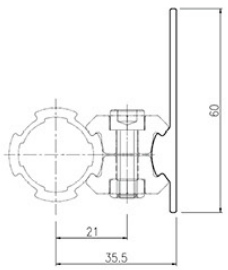
Part No.	Material	Color
AH-770	POM	Gray
AH-770E	POM(ESD)	Black

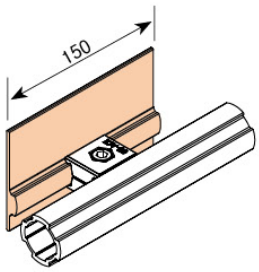
Φ28 AL RACKING SYSTEM

ANP-01-150 AL Name Plate





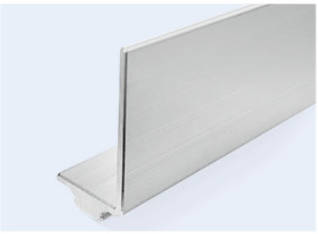




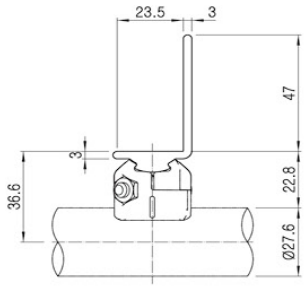
- Weight : 0.075kg
- Q'ty/Box : 80pcs

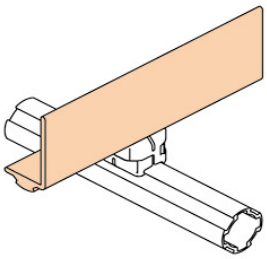
- Standard Length 4MT : ANP-01

NEW ACY-324A AL Angle









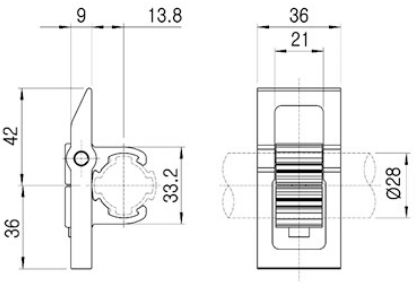
- Weight : 0.114kg
- Q'ty/Box : 80pcs

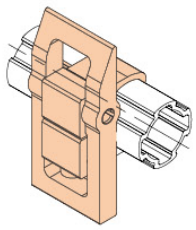
- Standard Length 4MT : ACY-324A 4MT

Φ28 AL RACKING SYSTEM

AOS-28A Back Stopper



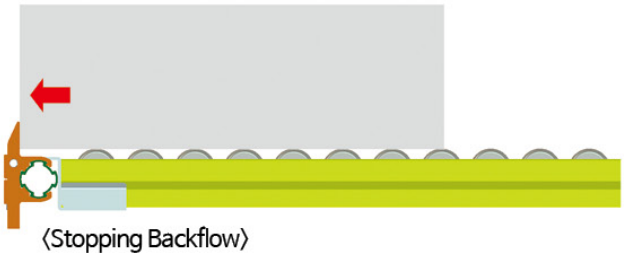




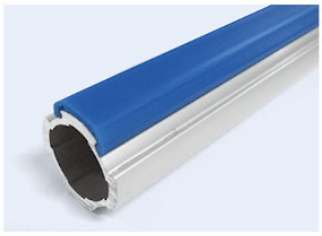
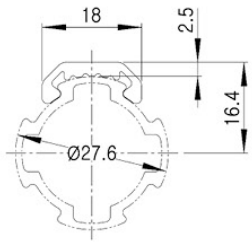
- Weight : 0.075kg
- Q'ty/Box : 70pcs

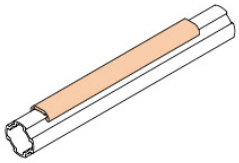
Example for AOS-28A


〈Loading〉


〈Stopping Backflow〉

APC-01 Pipe Cover

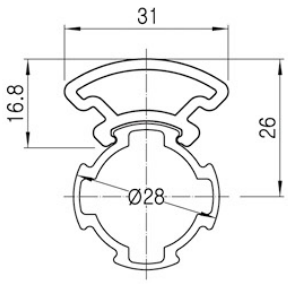


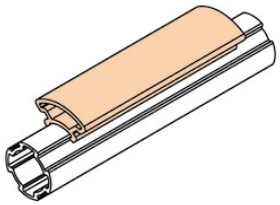
- Weight : 0.050kg/m
- Q'ty/Bundle : 50pcs
- Standard Length : 3MT

APC-02 Pipe Cover

NEW



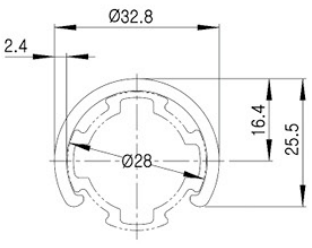


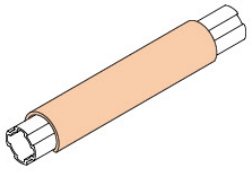


- Weight : 0.120kg/m
- Q'ty/Box : 20pcs
- Standard Length 3MT

APC-03 Pipe Cover







- Weight : 0.151kg/m
- Q'ty/Bundle : 20pcs
- Standard Length : 3MT

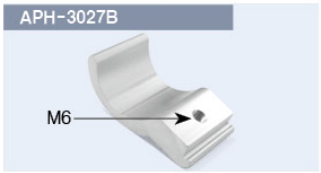
Φ28 AL RACKING SYSTEM

APHA-3027 Round Pipe Connected Joint

APH-3027A



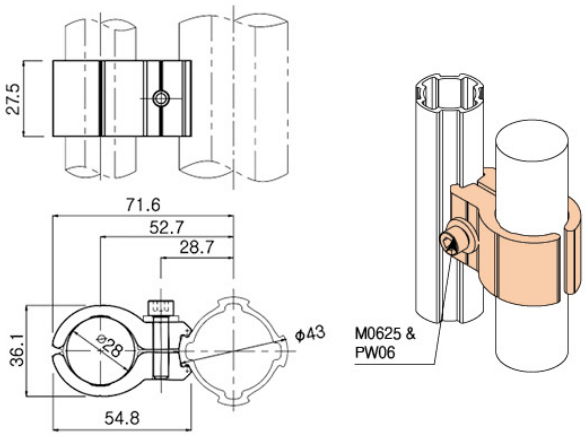
APH-3027B





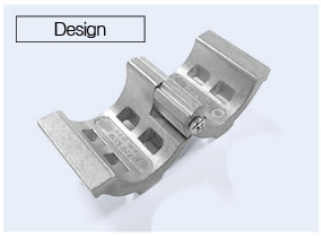
- Weight : 0.031kg
- Q'ty/Box : 200pcs

- APH-3027A/B : 1set
- M0625 : 1pcs, PW06 : 1pcs



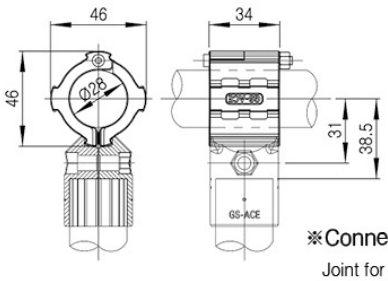
APHA-633N Round Pipe Connected Joint

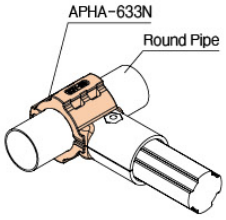
Design





- Weight : 0.065kg
- Q'ty/Box : 120pcs



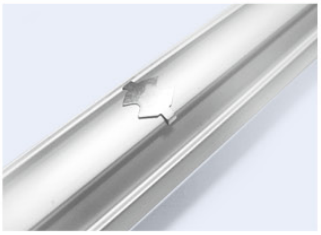


※Connection Joint for Round type Pipe

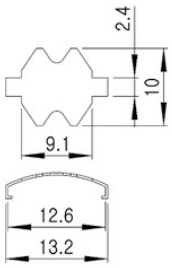
Joint for connecting between Round type Pipe (Coated Pipe or STS Pipe) and AL Pipe

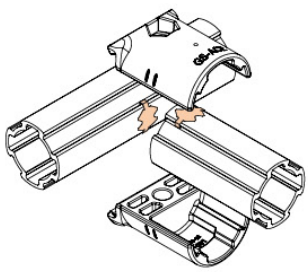
LP2800 ELF Plate





- Weight : 0.0002kg
- Q'ty/Box : 10000pcs

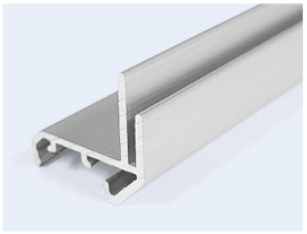


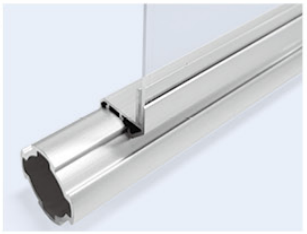


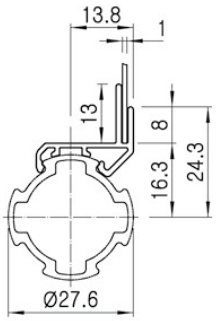
※ Refer to Technical Specification 294 Page

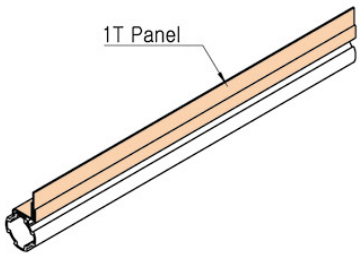
Φ28 AL RACKING SYSTEM

ASG-01B AL Sheet Guide (Side)







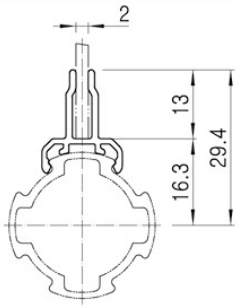


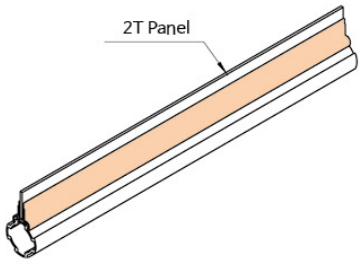
- Weight : 0.150kg
- Q'ty/Box : 20pcs

ASG-02 AL Sheet Guide



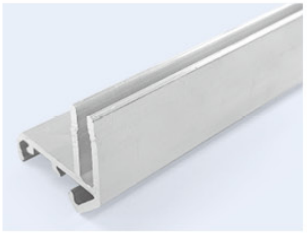


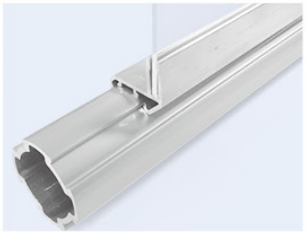


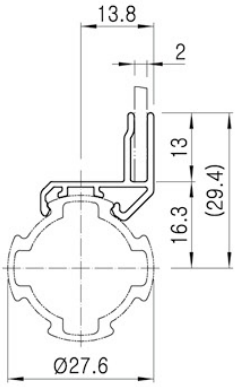


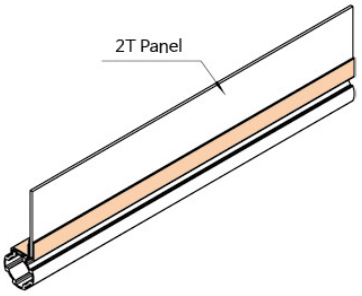
- Weight : 0.167kg/m
- Q'ty/Bundle : 20pcs
- Standard Length : 4MT

ASG-02B AL Sheet Guide



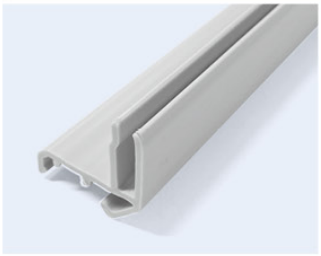




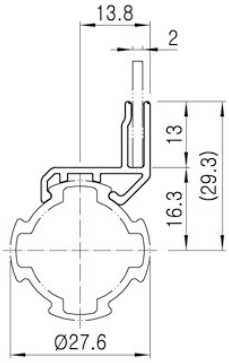


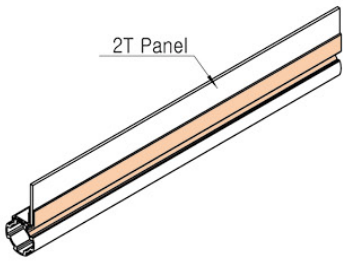
- Weight : 0.207kg/m
- Q'ty/Bundle : 20pcs
- Standard Length : 4MT

PSG-02B Plastic Sheet Guide









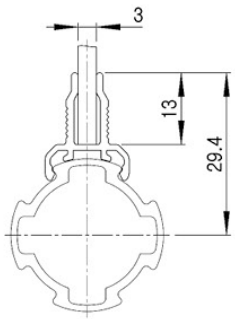
- Weight : 0.007kg/m
- Q'ty/Bundle : 20pcs
- Standard Length : 3MT

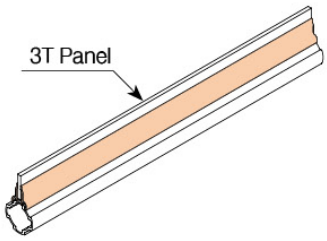
Φ28 AL RACKING SYSTEM

ASG-03 AL Sheet Guide

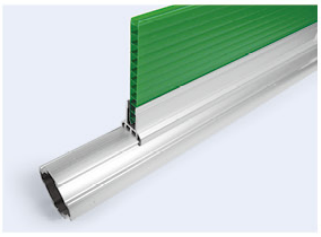



- Weight : 0.225kg/m
- Q'ty/Bundle : 20pcs
- .Standard Length : 4MT

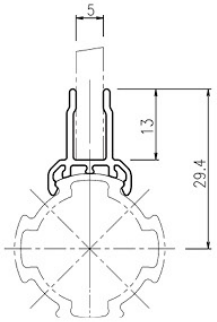


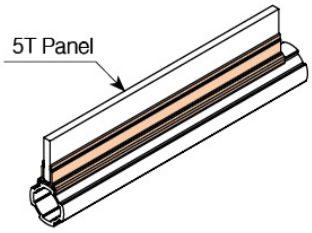


ASG-05 AL Sheet Guide

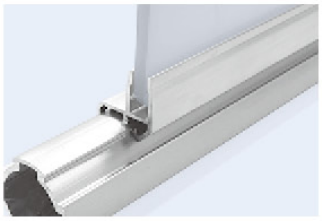



- Weight : 0.172kg/m
- Q'ty/Bundle : 20pcs
- .Standard Length : 4MT

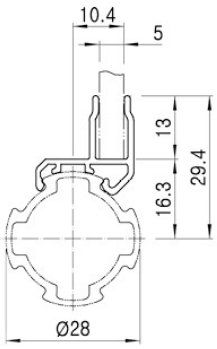


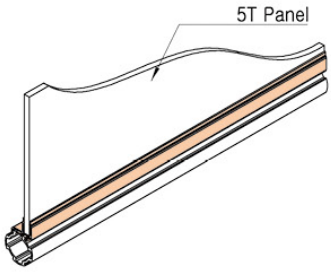


ASG-05B AL Sheet Guide

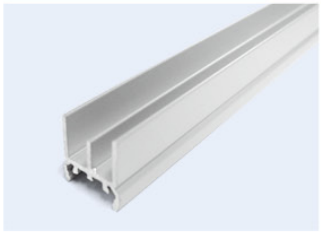
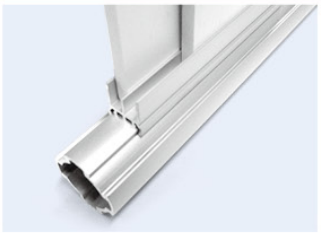



- Weight : 0.220kg
- Q'ty/Bundle : 20pcs
- Standard Length : 4MT

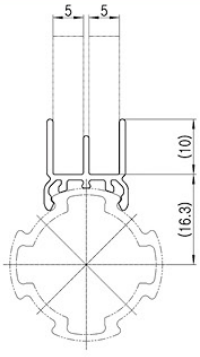




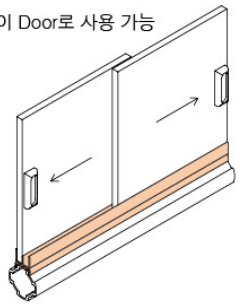
ADR-05 Door Rail

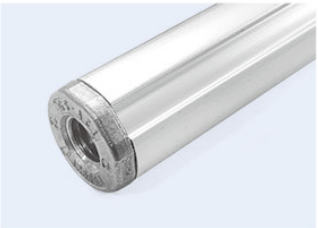
- Weight : 0.166kg/m
- Q'ty/Bundle : 20pcs
- Standard Length : 4MT

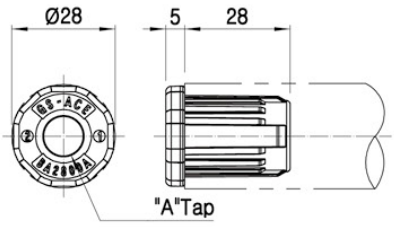


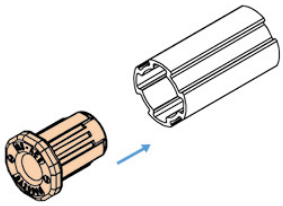
※간이 Door로 사용 가능



BA2800A/B AL Thread Insert



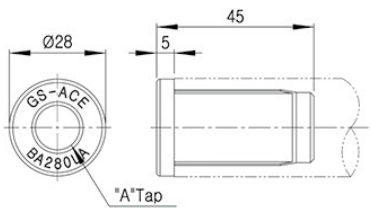


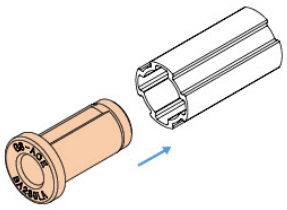
- Weight : 0.017kg
- Q'ty/Box : 300pcs

Part No.	"A" Tap	Remark
BA2800A	1/2"-12N	
BA2800B	M12-p1.75	

BA280LA/B/D/E Metal Thread Insert



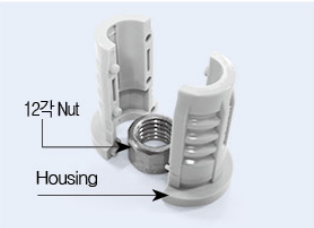



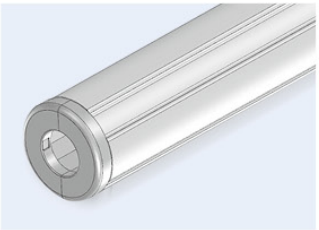


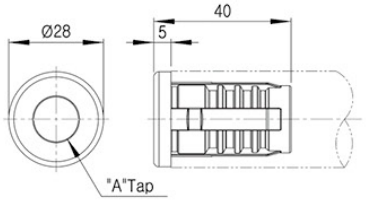
- Weight : 0.094kg
- Q'ty/Box : 160pcs

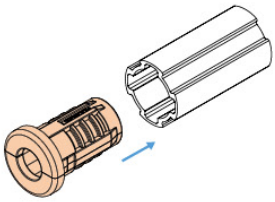
Part No.	"A" Tap	Remark
BA280LA	1/2"-12N	
BA280LB	M12-p1.75	
BA280LD	M10	
BA280LE	M8	

BP2800H AL Plastic Thread Insert









- Weight : 0.011kg
- Q'ty/Box : 1500pcs

- BP2800H : 2pcs
- N12S or N12S-12 : 1pcs

※ Housing

Part No.	Color	Remark
BP2800	Gray	

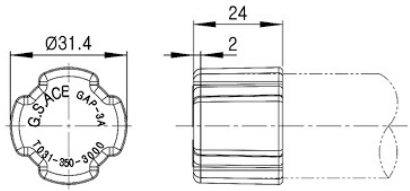
※ Nut

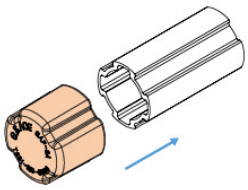
"A"Tap	Part No.	Remark
M12	N12ZN	
1/2"-12N	Ni05ZN-12	

Φ28 AL RACKING SYSTEM

GAP-3A Outer Cap



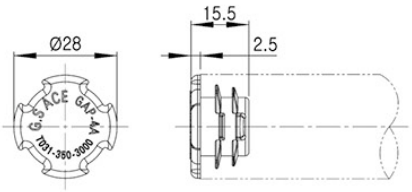


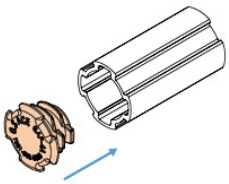


- Weight : 0.006kg
- Q'ty/Box : 900pcs

GAP-4A, E Inner Cap



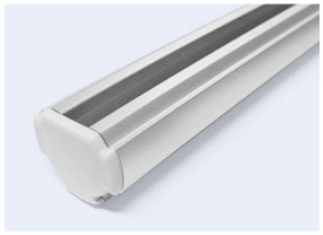
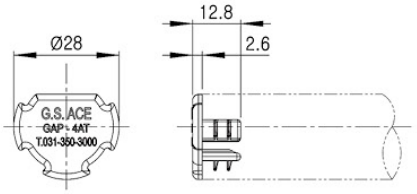


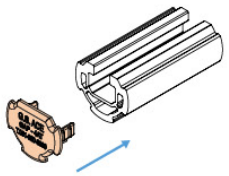


- Weight : 0.003kg
- Q'ty/Box : 1500pcs

Part No.	Color	Material	Remark
GAP-4A	Gray	LDPE	
GAP-4E	Black	LDPE(ESD)	ESD (Antistatic)

GAP-4AT Inner Cap (for AT2829)

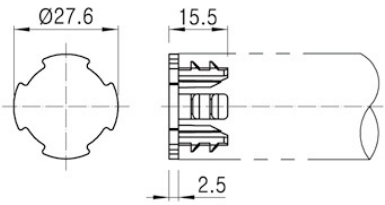


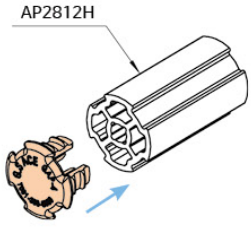
- Weight : 0.002kg
- Q'ty/Box : 3000pcs

Part No.	Color	Material	Remark
GAP-4AT	Gray	LDPE	
GAP-4ATE	Black	LDPE(ESD)	ESD (Antistatic)

GAP-4AH Inner Cap (for AP2812H)





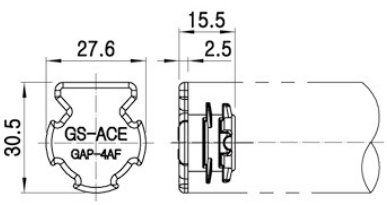


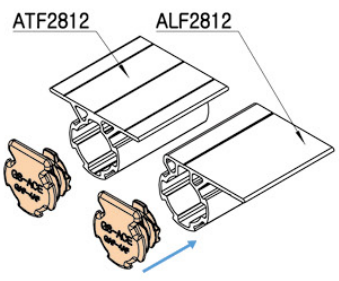
- Weight : 0.002kg
- Q'ty/Box : 1500pcs

NEW

GAP-4AF Inner Cap (ATF2812, ALF2812)



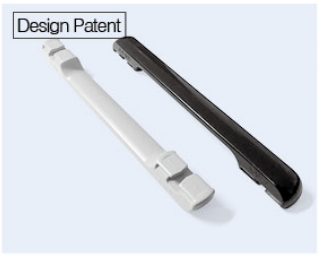




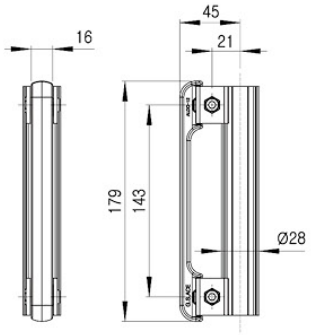
- Weight : 0.003kg
- Q'ty/Box : 1500pcs

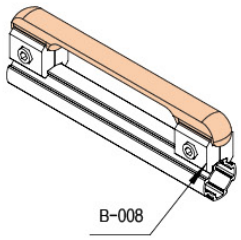
Φ28 AL RACKING SYSTEM

HG-143 BK/PG Hand Grip



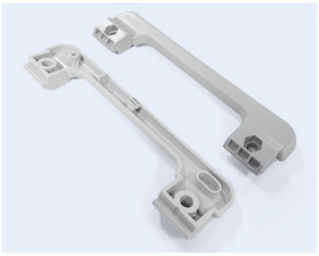




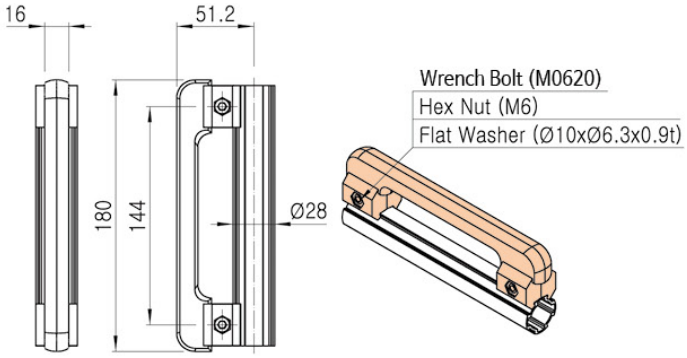


- Weight : 0.068kg
- Q'ty/Box : 150pcs
- Color : Black / Gray

HG-144 Plastic Hand Grip



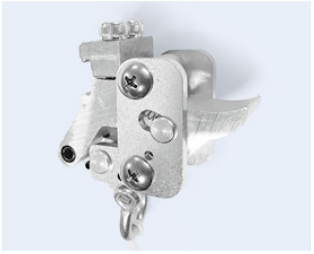


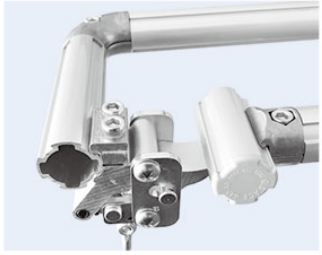


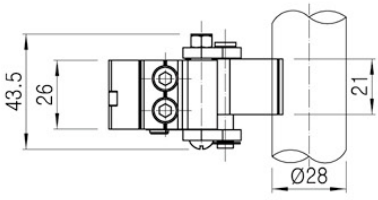
- Weight : 0.022kg
- Q'ty/Box : 400pcs

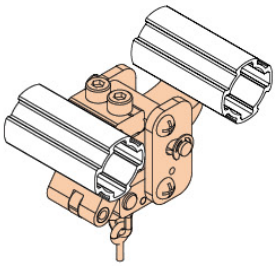
- HG-144 GR : 2pcs
- M0620/N06W-55 : 2set
- PW610S : 2pcs
- Q'ty/Box : 30set

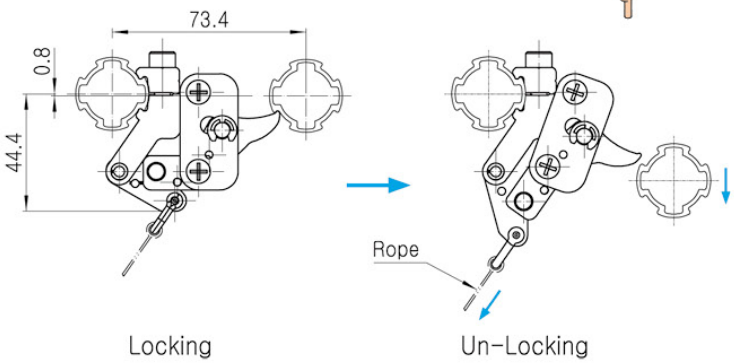
LAD-A Lifting Action Locking Device







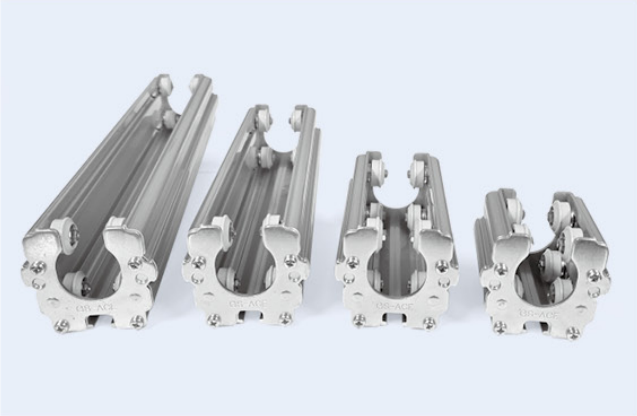


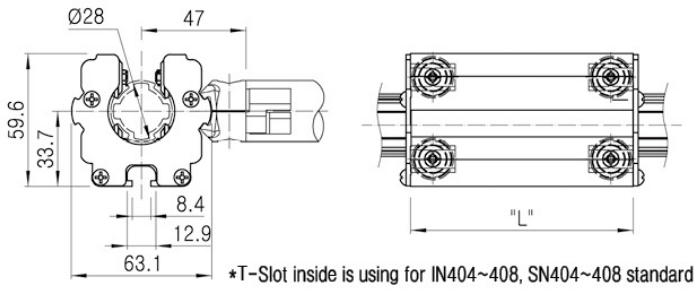


- Weight : 0.210kg
- Q'ty/Box : 40pcs

Φ28 AL RACKING SYSTEM

PRG-2805B/10B/20B/30B Pipe Roller Guide (with Cover)



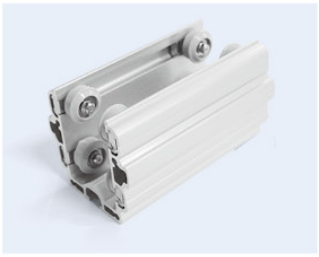


*T-Slot inside is using for IN404~408, SN404~408 standard

Part No.	"L"	Weight	Q'ty/Box
PRG-2805B	50mm	290g	20pcs
PRG-2810B	100mm	370g	10pcs
PRG-2820B	200mm	530g	5pcs
PRG-2830B	300mm	680g	4pcs

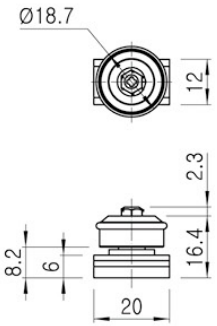
LRA-19 Roller for Pipe Roller Guide

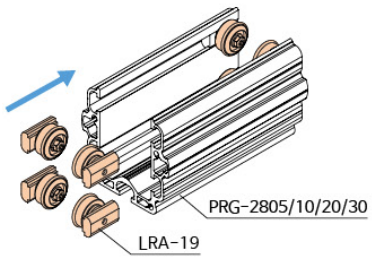




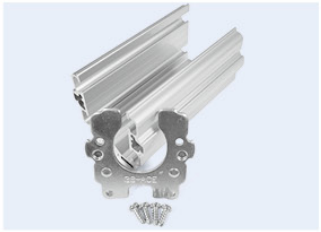
- Weight : 0.017kg
- Q'ty/Box : 600pcs

- LR-19 :1pcs
- PB-12 :1pcs
- M4x15(Spring Washer assembly) : 1pcs
- IN404 :1pcs





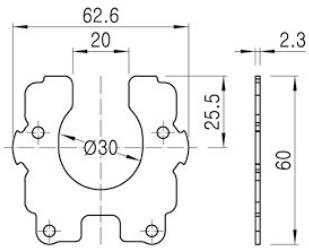
ACY-314A Cover for Pipe Roller Guide

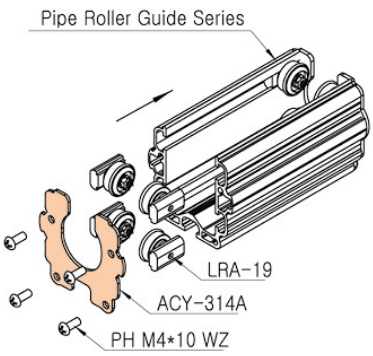




- Weight : 0.036kg
- Q'ty/Box : 600pcs

- Screw is sold separately (PH M4*10 WZ)

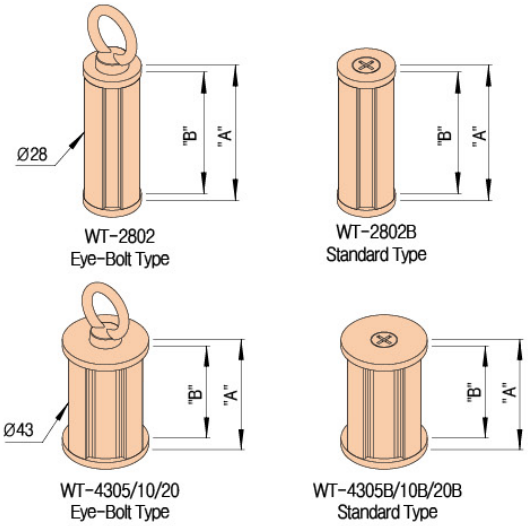




WEIGHT

Weight for Automation

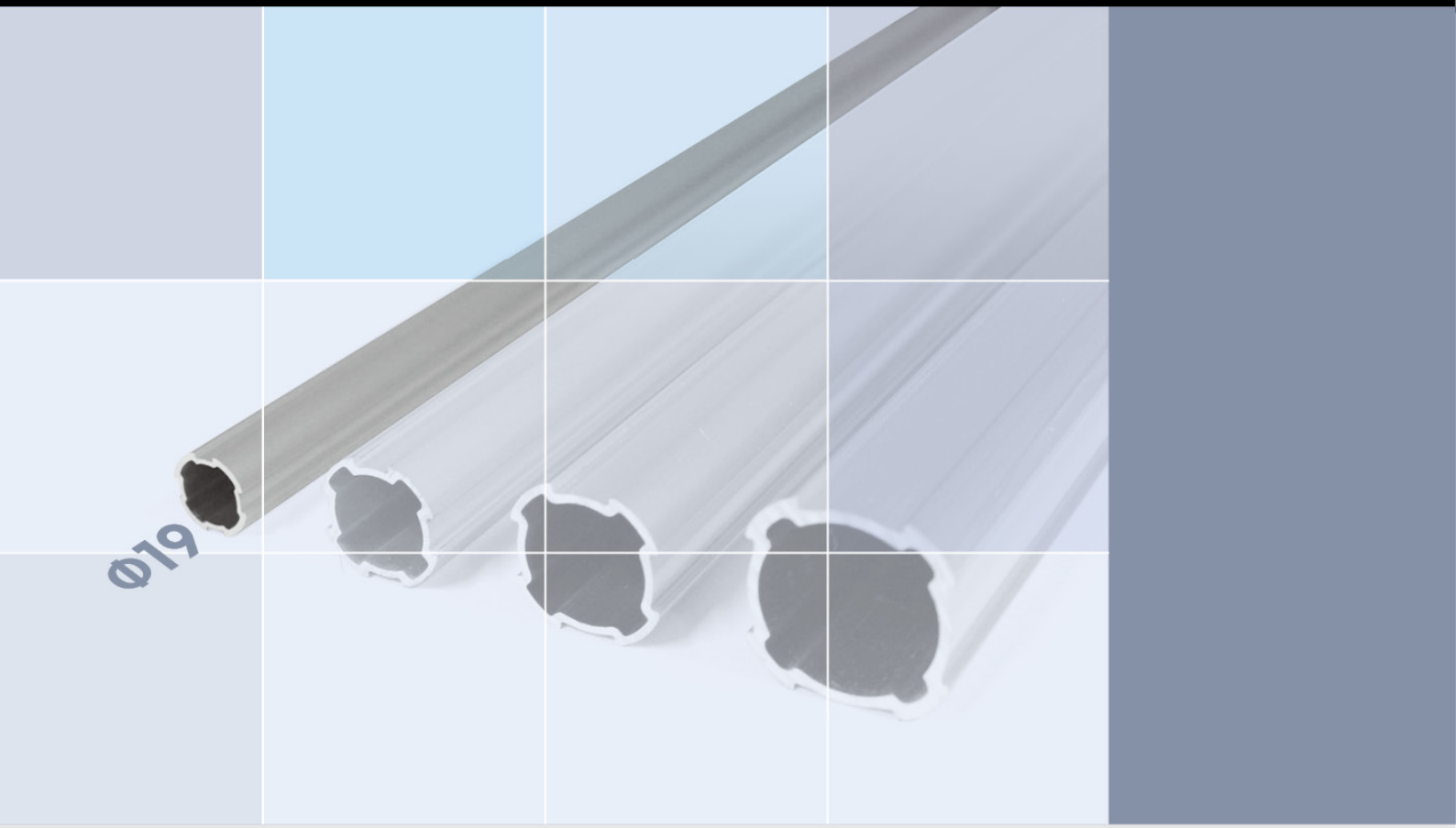




NO	Part No.	" A " Overall Length	" B " PIPE Length	Weight	Q'ty/Box
1	WT-2802/2802B	79 mm	70.0mm	0.25Kg±0.01Kg	45pcs
2	WT-4305/4305B	64 mm	55.8mm	0.5Kg±0.01Kg	35pcs
3	WT-4310/4310B	134 mm	125.9mm	1.0Kg±0.03Kg	16pcs
4	WT-4320/4320B	276 mm	267.3mm	2.0Kg±0.05Kg	10pcs

G.S.ACE INDUSTRY CO., LTD.

Φ19 AL AL RACKING SYSTEM

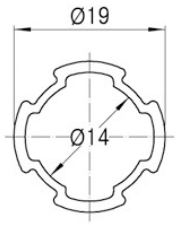


- Φ19 ALUMINUM PIPES
- Φ19 ALUMINUM JOINTS
- Φ19 ALUMINUM ACCESSORIES

Ø19 ALUMINUM PIPES

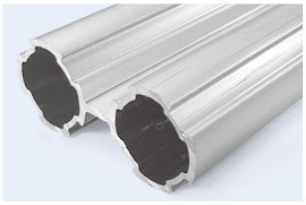
AP1914 Φ19 Regular Duty Pipe

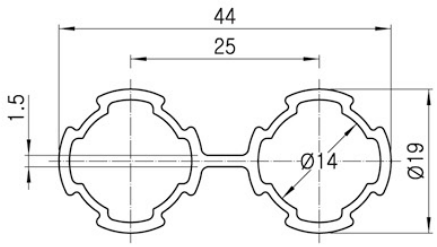




- Weight : 0.201kg/m, O.D. Ø19
- 15pcs/Bag

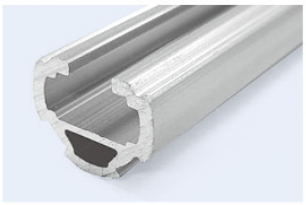
NEW AD1914 Ø19 Double Pipe

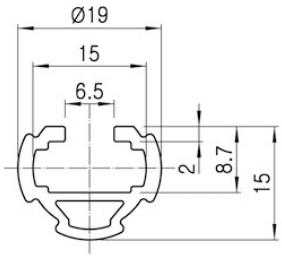




- Weight : 0.293kg/m, O.D. Ø19
- 6pcs/Bag

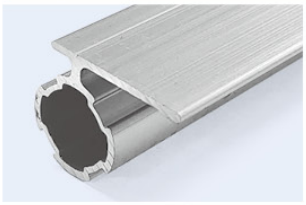
NEW AT1914 Ø19 T-Slot type Pipe

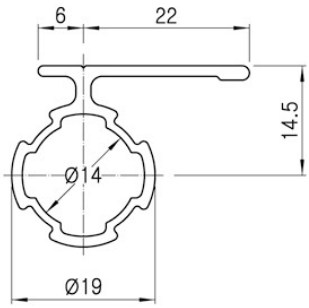




- Weight : 0.246kg/m, O.D. Ø19
- 15pcs/Bag

NEW ALF1914 Ø19 L type Flat Pipe



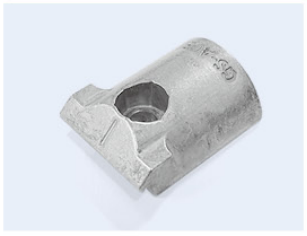


- Weight : 0.334kg/m, O.D. Ø19
- 8pcs/Bag

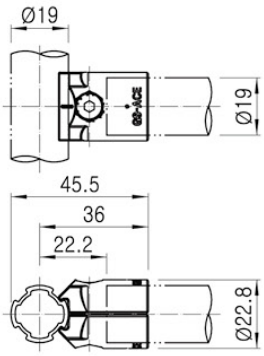
Ø19 ALUMINUM JOINTS

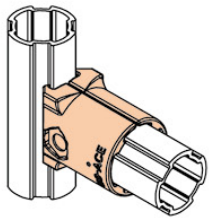
◈ Outer Joints

A-1901 Single Tee Joint for φ19+φ19







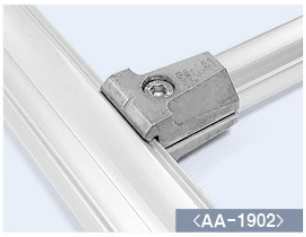


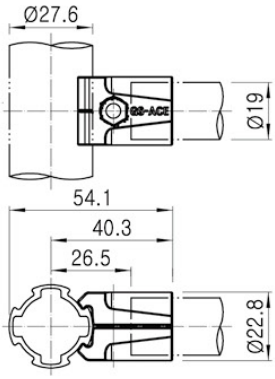
- Weight : 0.008kg
- Q'ty/Box : 400pcs

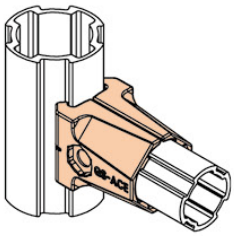
- A-1901 : 2pcs
- M0515/M5(Nut) : 1pcs
- Weight : 0.021kg
- Q'ty/Box : 200set

A-1902 Single Tee Joint for φ28+φ19







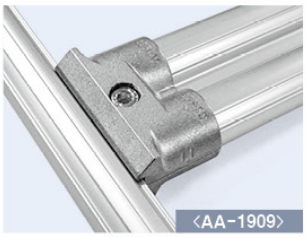


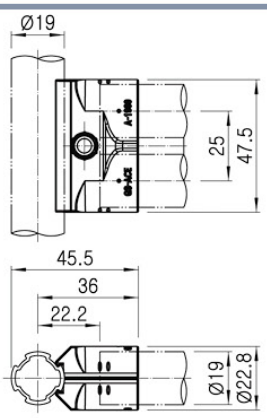
- Weight : 0.011kg
- Q'ty/Box : 400pcs

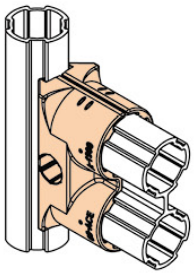
- A-1902 : 2pcs
- M0515/M5(Nut) : 1pcs
- Weight : 0.025kg
- Q'ty/Box : 200set

NEW A-1909 Double Tee Joint Assembly for φ19+φ19







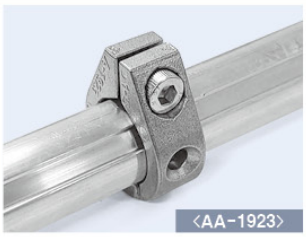


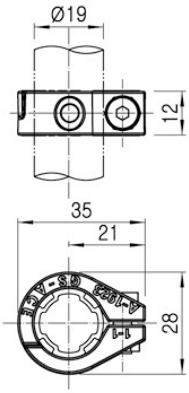
- Weight : 0.021kg
- Q'ty/Box : 200pcs

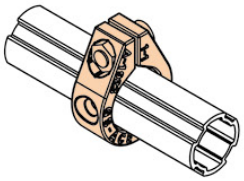
- A-1909 : 2pcs
- M0515/M05(Nut) : 1pcs
- Weight : 0.45kg
- Q'ty/Box : 100set

NEW A-1923 Ø19 Stopping Joint









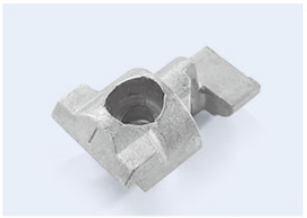
- Weight : 0.005kg
- Q'ty/Box : 600pcs

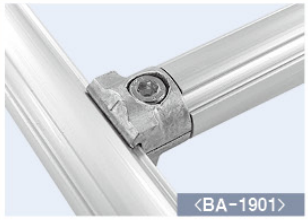
- A-1923 : 2pcs
- M0512/M5(Nut) : 1pcs
- Weight : 0.013kg
- Q'ty/Box : 300set

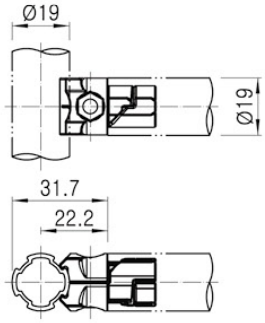
Φ19 AL RACKING SYSTEM

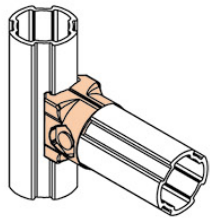
◈ Inner Joints

B-1901 Single Tee Joint for ϕ19+ϕ19





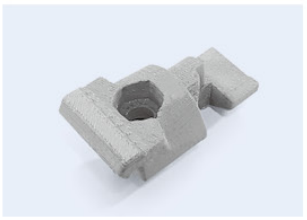


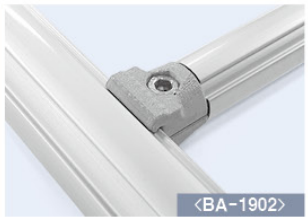


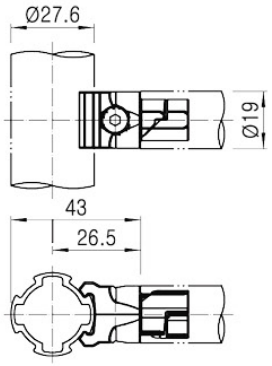
- Weight : 0.008kg
- Q'ty/Box : 600pcs

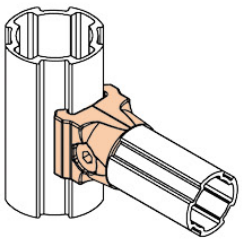
- B-1901 : 2pcs
- M0512/M5(Nut) : 1pcs
- Weight : 0.019kg
- Q'ty/Box : 300set

B-1902 Single Tee Joint for ϕ28+ϕ19









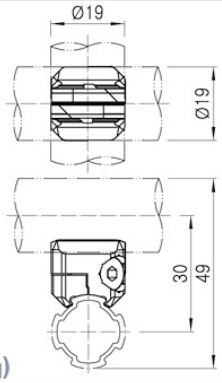
- Weight : 0.010kg
- Q'ty/Box : 600pcs

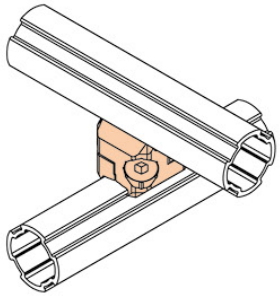
- B-1902 : 2pcs
- M0512/M5(Nut) : 1pcs
- Weight : 0.023kg
- Q'ty/Box : 300set

B-1906 90 ° Offset Joint for ϕ19+ϕ19







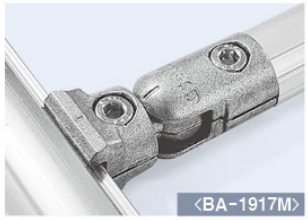


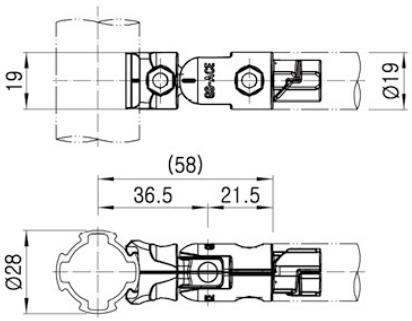
- Weight : 0.004kg
- Q'ty/Box : 800pcs

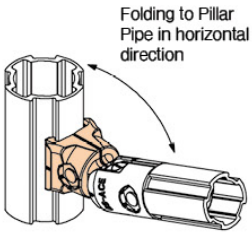
- B-1906 : 2pcs
- M0515/M5(Nut) : 1pcs
- Weight : 0.012kg
- Q'ty/Box : 400set

NEW B-1917A Flexible Joint (Ø28 connection, Free Rotating)







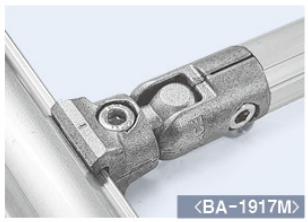


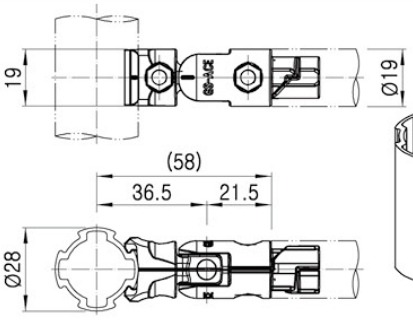
- Weight : 0.007kg
- Q'ty/Box : 600pcs

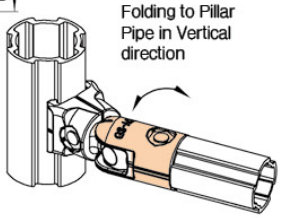
- B-1917A & B-1907B : 2pcs
- M0512/M5(Nut) : 2pcs
- Weight : 0.021kg
- Q'ty/Box : 180set

NEW B-1907B Flexible Joint (Ø19 connection, Free Rotating)









- Weight : 0.009kg
- Q'ty/Box : 400pcs

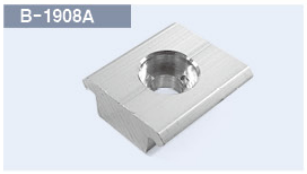
- B-1917A & B-1907B : 2pcs
- M0512/M5(Nut) : 2pcs
- Weight : 0.021kg
- Q'ty/Box : 180set

Φ19 AL RACKING SYSTEM

◈ Inner Joints

BA-1908 Double Joint for ϕ19+ϕ19

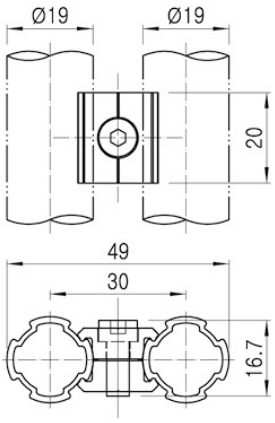
B-1908A

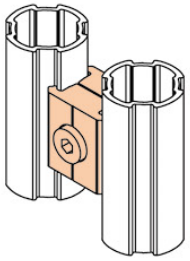


B-1908B









- Weight : 0.004kg
- Q'ty/Box : 1000pcs

- B-1908A/B : 1set
- M0512 : 1pcs
- Q'ty/Box : 500set

BA-1909 Double Joint for ϕ28+ϕ19

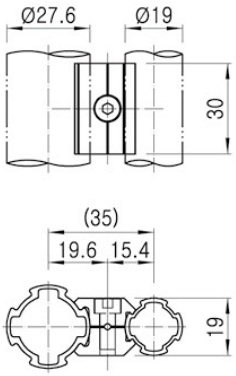
B-1909A

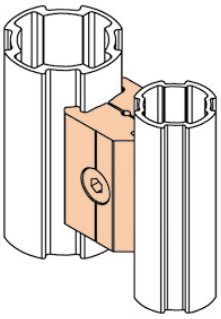


B-1909B









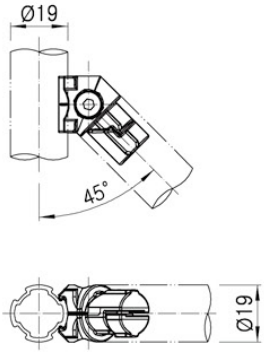
- Weight : 0.010kg
- Q'ty/Box : 600pcs

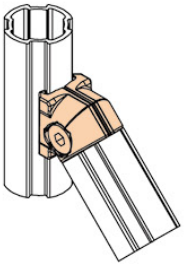
- B-1909A/B : 1set
- M0512 : 1pcs
- Q'ty/Box : 300set

NEW B-1913L/R Ø19+Ø19 connecting 45° Joint







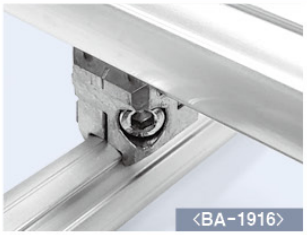


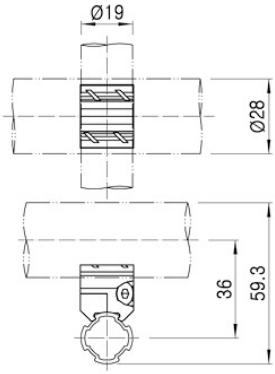
- Weight : 0.007kg
- Q'ty/Box : 600pcs

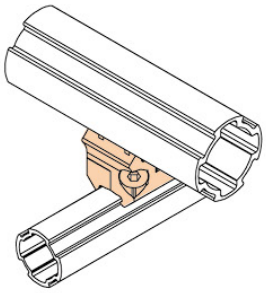
- B-1913L/R : 2pcs
- M0512/M5(Nut) : 1pcs
- Weight : 0.018kg
- Q'ty/Box : 300set

NEW B-1916 Ø28+Ø19 connecting Cross Joint









- Weight : 0.007kg
- Q'ty/Box : 600pcs

- B-1916 : 2pcs
- M515/M5(Nut) : 1pcs
- Weight : 0.018kg
- Q'ty/Box : 300set

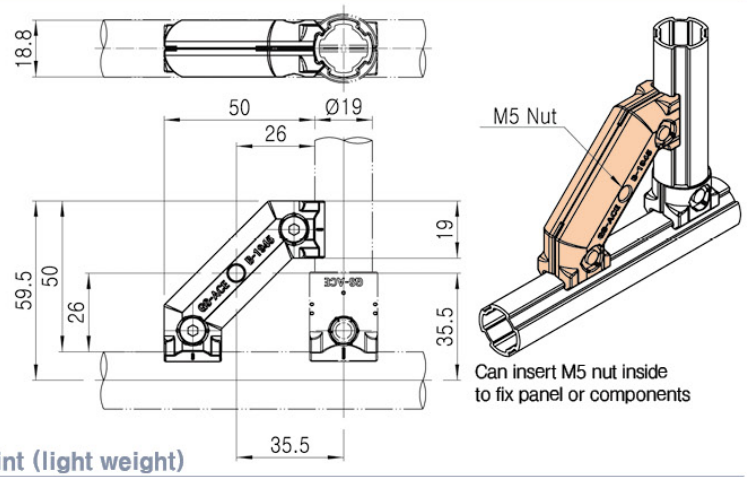
Φ19 AL RACKING SYSTEM

◈ Inner Joints

B-1945 Corner Joint for ϕ19+ϕ19





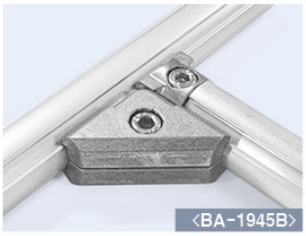


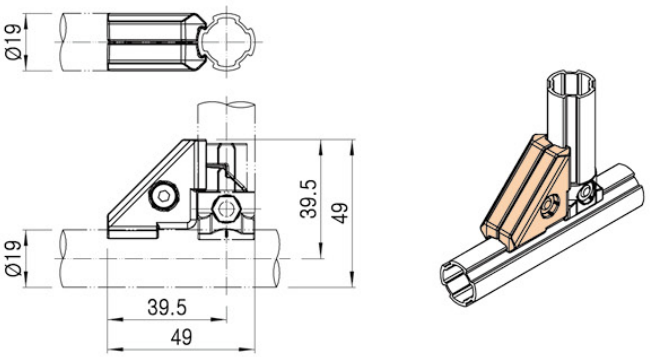
- Weight : 0.016kg
- Q'ty/Box : 200pcs

- B-1945 : 2pcs
- M0512 : 2pcs
- M5(Nut) : 3pcs
- Q'ty/Box : 100set

NEW B-1945B Ø19+Ø19 connecting Corner Joint (light weight)







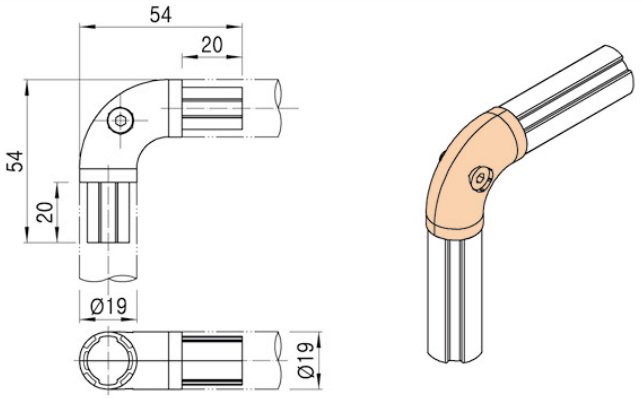
- Weight : 0.010kg
- Q'ty/Box : 400pcs

- B-1945B : 2pcs
- M0512/M5(Nut) : 1pcs
- Weight : 0.025kg
- Q'ty/Box : 200set

NEW B-1990 Ø19+Ø19 connecting 90° Elbow Joint







- Weight : 0.016kg
- Q'ty/Box : 200pcs

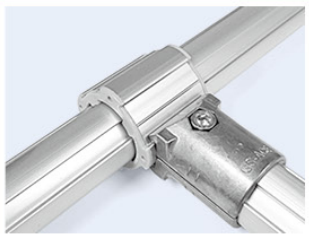
- B-1990 : 2pcs
- M0512/M5(Nut) : 1pcs
- Weight : 0.035kg
- Q'ty/Box : 100set

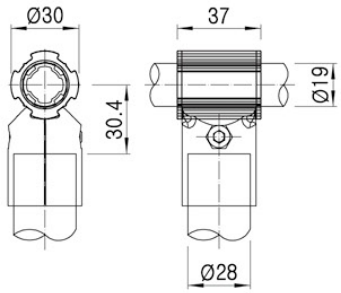
Φ19 ALUMINUM ACCESSORIES

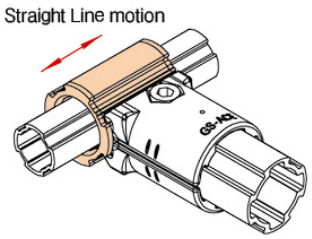
NEW

AH-1637 Straight Line motion Sleeve





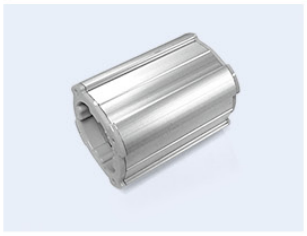


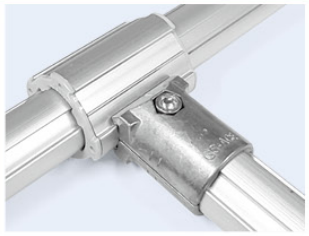


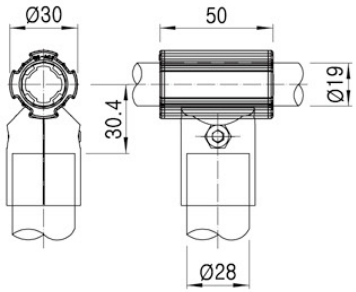
- Weight : 0.018kg
- Q'ty/Box : 120pcs

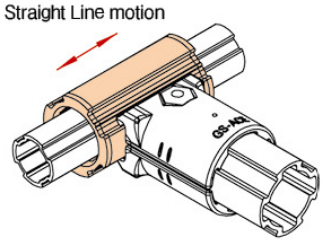
NEW

AH-1650 Straight Line motion Sleeve



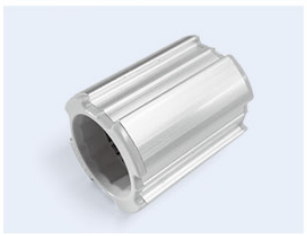


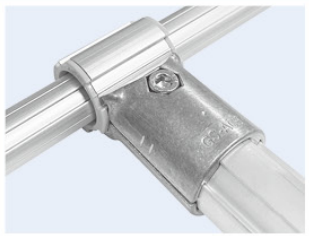


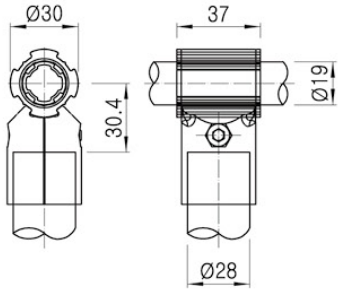


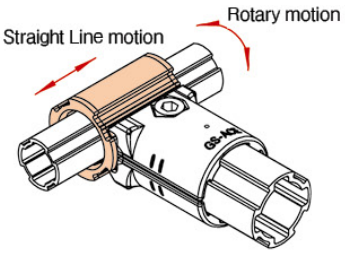
- Weight : 0.023kg
- Q'ty/Box : 100pcs

AH-1937/1937E Rotatable AL Sleeve





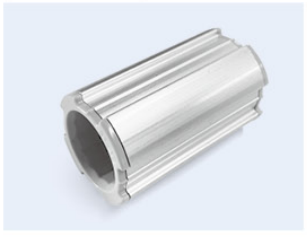


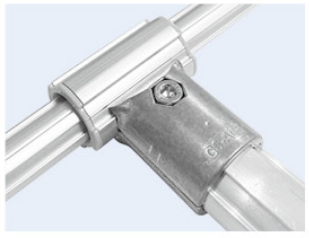


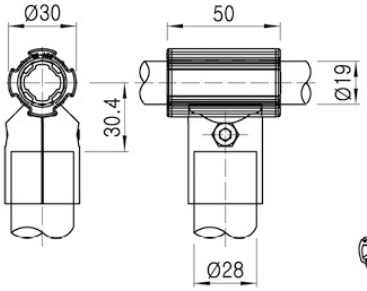
- Weight : 0.019kg
- Q'ty/Box : 120pcs

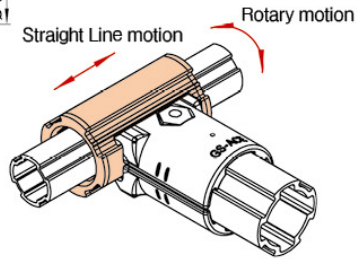
Part No.	Material	Color
AH-1937	POM	Gray
AH-1937E	POM(ESD)	Black

AH-1950/1950E Rotatable AL Sleeve







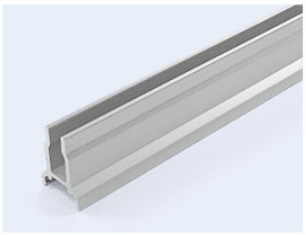


- Weight : 0.024kg
- Q'ty/Box : 120pcs

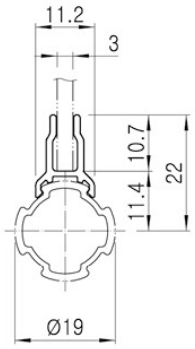
Part No.	Material	Color
AH-1950	POM	Gray
AH-1950E	POM(ESD)	Black

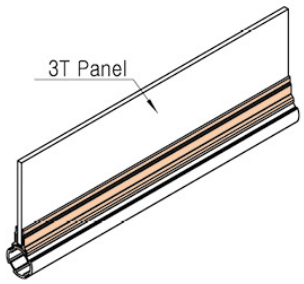
Φ19 AL RACKING SYSTEM

ASG-1903 AL Sheet Guide







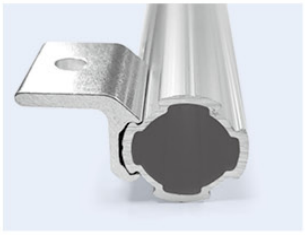


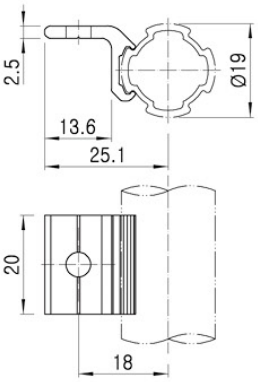
- Weight : 0.122kg
- Q'ty/Bundle : 20pcs

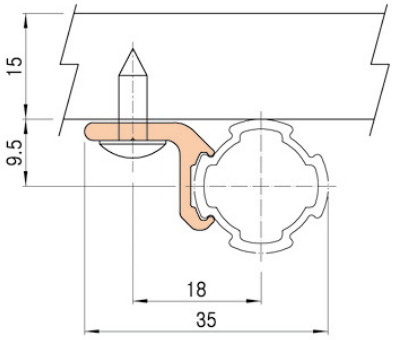
* Standard Length : 4MT

NEW A19-N303 Board Holder









- Weight : 0.004kg
- Q'ty/Box : 800pcs

NEW ACPA-V5020A Ø19 Parts connecting Holder

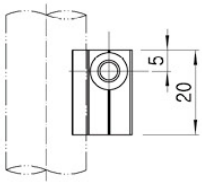
ACP-V5020A-L

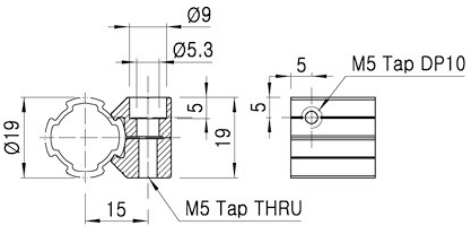


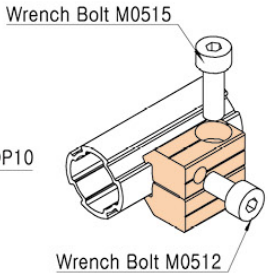
ACP-V5020A-R







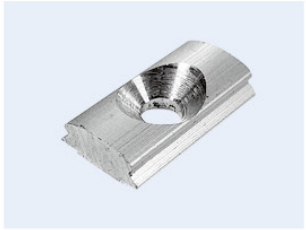




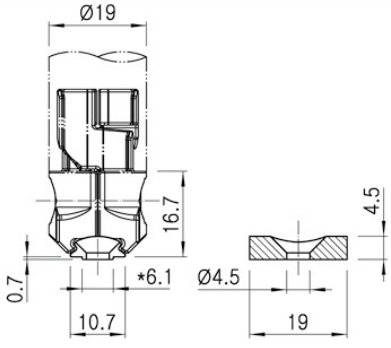
- Weight : 0.023kg
- Q'ty/Box : 1,200pcs

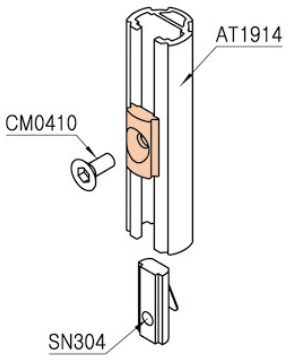
- ACP-V5020A-L/R : 1pcs
- M0512/M0515 : 1pcs
- Weight : 0.014kg
- Q'ty/Box : 150set

NEW SA619D Slot Adapter (Ø19 Joint connecting)







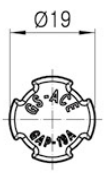


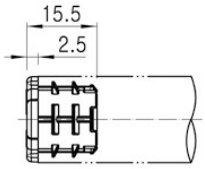
- Weight : 0.001kg
- Q'ty/Box : 1,000pcs

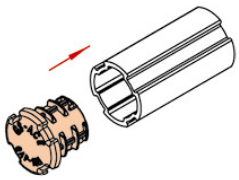
Φ19 AL RACKING SYSTEM

GAP-19A/E Inner Cap







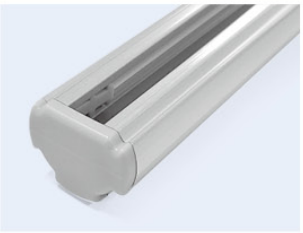
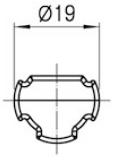


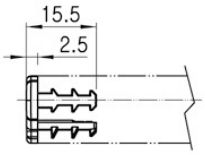
- Weight : 0.002kg
- Q'ty/Box : 3,000pcs

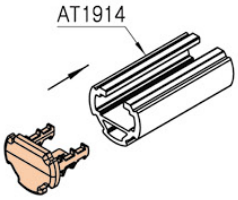
Part No.	Color	Material	Remark
GAP-19A	Gray	LDPE	
GAP-19E	Brack	LDPE(ESD)	ESD (Antistatic)

NEW

GAP-19AT Inner Cap

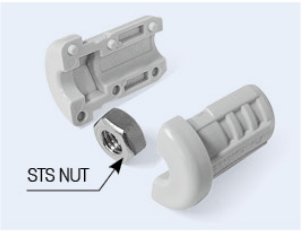




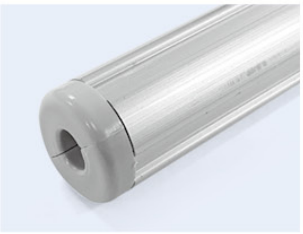
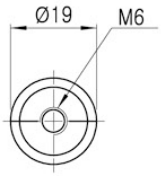


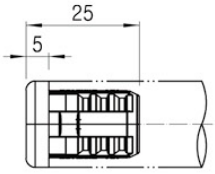


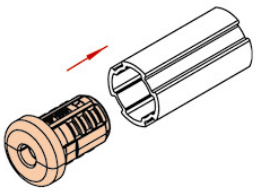
- Weight : 0.001kg
- Q'ty/Box : 3,000pcs

BP1900H AL Plastic Thread Insert





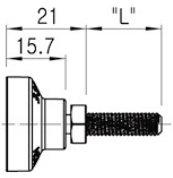


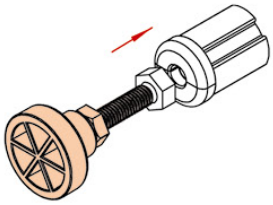
- Weight : 0.006kg
- Q'ty/Box : 3,000pcs
- BP1900H : 2pcs
- M6 (STS Nut) : 1pcs

AD25PA Leveling Foot







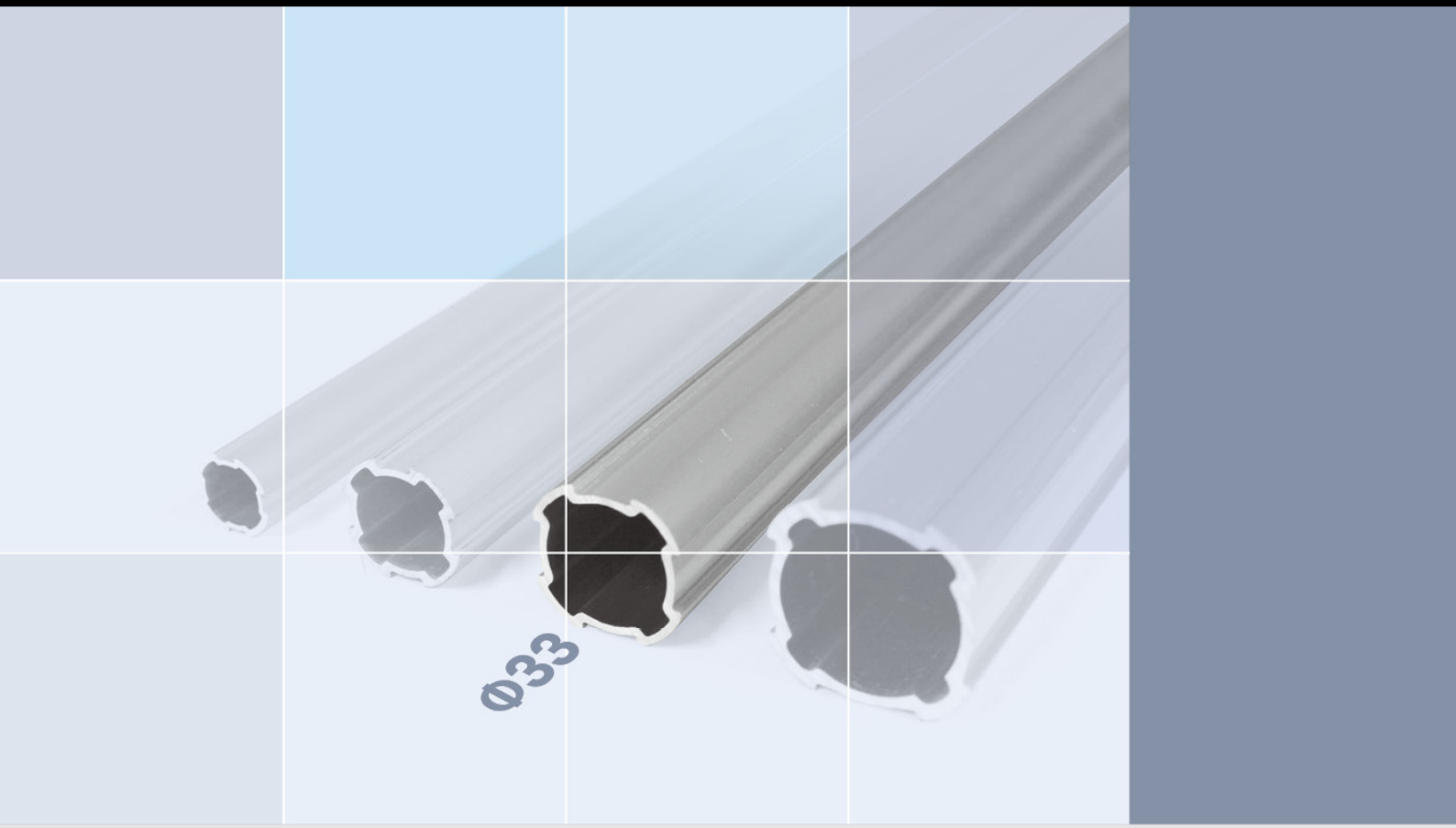


- Weight : 0.021kg
- Q'ty/Box : 300pcs

Part No.	Material	Threaded	"L"
AD25PA	Steel(WZ)	M6-P1.0	20

G.S.ACE INDUSTRY CO., LTD.

Φ33 AL AL RACKING SYSTEM

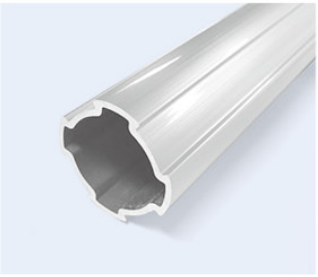


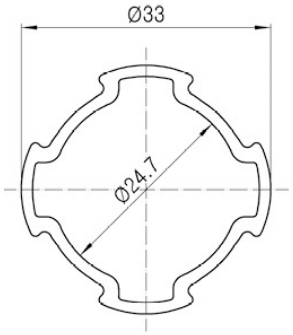
- Φ33 ALUMINUM PIPES
- Φ33 ALUMINUM JOINTS & ACCESSORIES

Φ33 AL RACKING SYSTEM

∅33 ALUMINUM PIPES

AP3315 Regular Duty Pipe

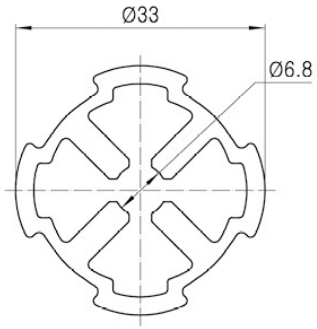




- Weight : 0.453kg/m, O.D. Ø33
- 6pcs/Bag, 100Bag/Pallet

AP3315H Heavy Duty Pipe





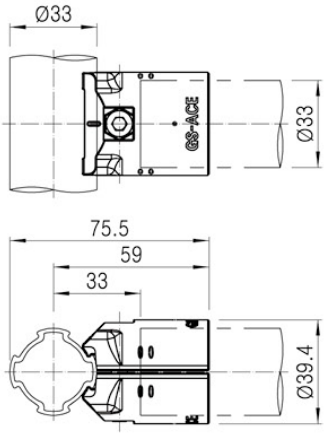
- Weight: 0.883kg/m, O.D. Ø33
- 6pcs/Bag, 100Bag/Pallet

∅33 ALUMINUM JOINTS & ACCESSORIES

A-301 Single Tee Joint



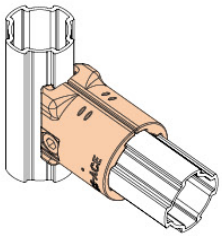




- Weight : 0.036kg
- Q'ty/Box : 120pcs

- A-301 : 2pcs
- M0630/N06W-55 : 1set
- Weight : 0.086kg
- Q'ty/Box : 60set

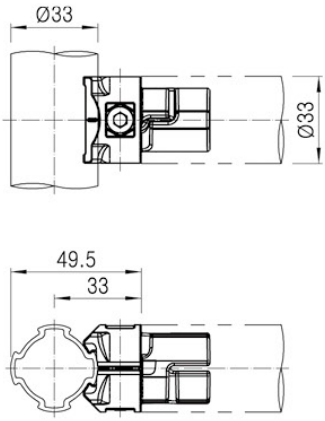
✷ Ø33용 Aluminum Outer Joint



B-301 Single Tee Joint



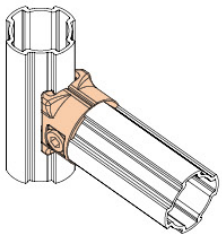




- Weight : 0.032kg
- Q'ty/Box : 200pcs

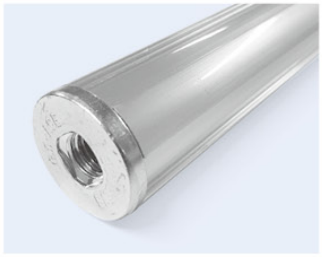
- B-301 : 2pcs
- M0625/N06W-55 : 1set
- Weight : 0.074kg
- Q'ty/Box : 100set

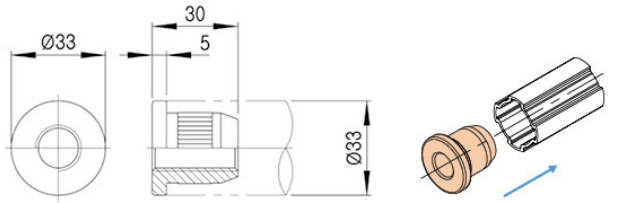
✷ Ø33용 Aluminum Inner Joint



BA3300A,B,D Metal Thread Insert





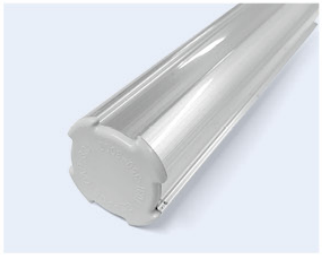


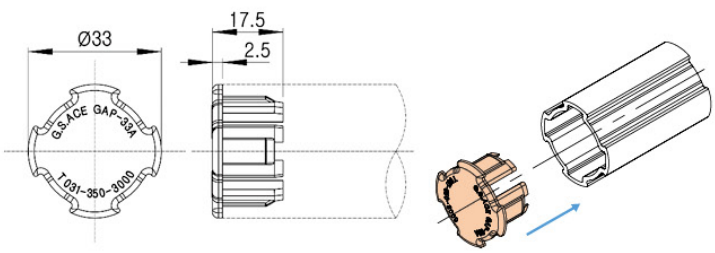
- Weight : 0.098kg
- Q'ty/Box : 160pcs

Part No.	"A" Tap	Remark
BA3300A	1/2"	
BA3300B	M12	
BA3300D	M10	

GAP-33A Plastic Inner Cap





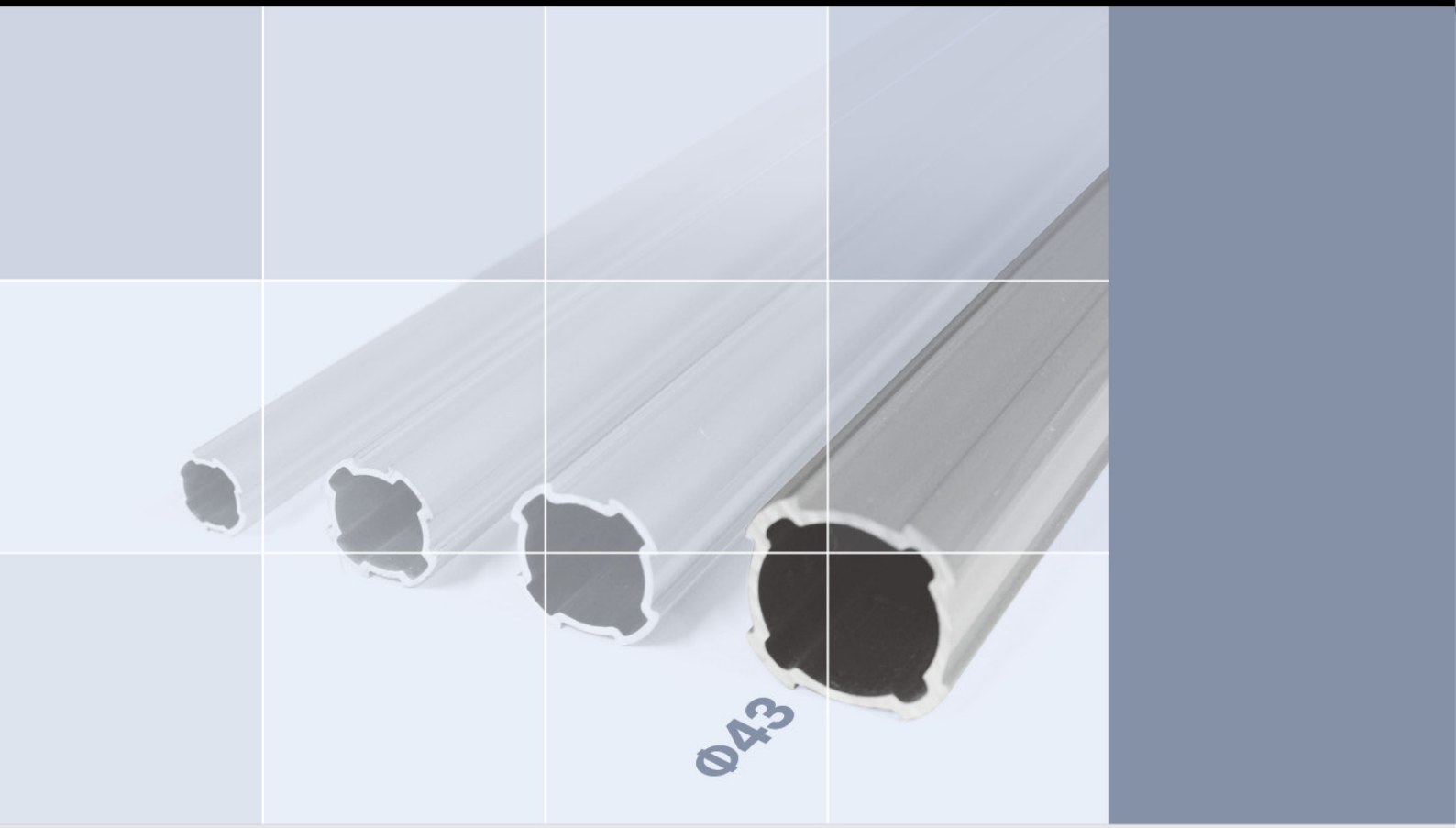


- Weight : 0.004kg
- Q'ty/Box : 1200pcs

✷ Ø33용 Plastic Inner Cap

G.S.ACE INDUSTRY CO., LTD.

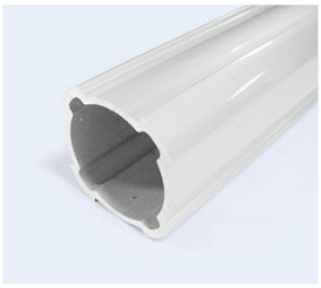
Φ43 AL AL RACKING SYSTEM

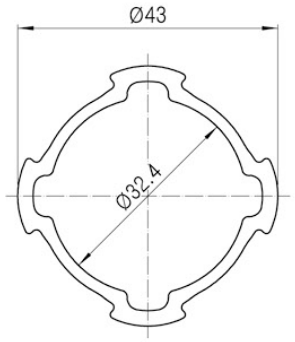


- Φ43 ALUMINUM PIPES
- Φ43 ALUMINUM JOINTS
- Φ43 ALUMINUM ACCESSORIES

∅43 ALUMINUM PIPES

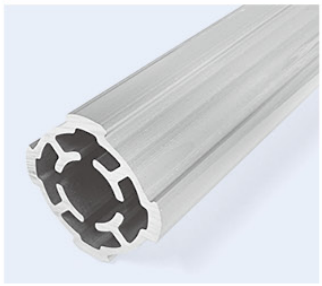
AP4319C Regular Duty Pipe

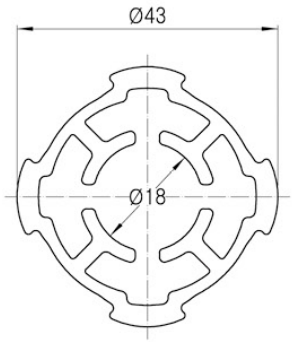




- Weight: 0.735kg/m, O.D. Ø43
- 6pcs/Bag, 60Bag/Pallet

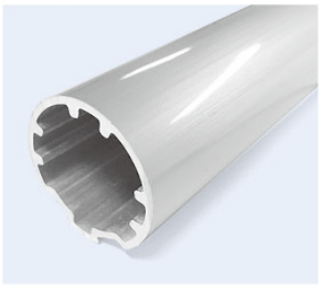
AP4319H Extra Heavy Duty Pipe

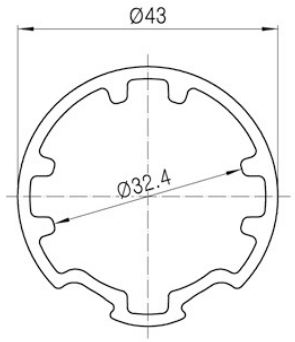




- Weight : 1.284kg/m, O.D. Ø43
- 6pcs/Bag, 60Bag/Pallet

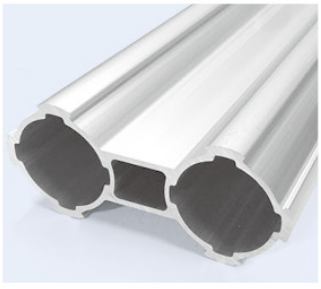
AQ4320 Hand Rail AL Pipe

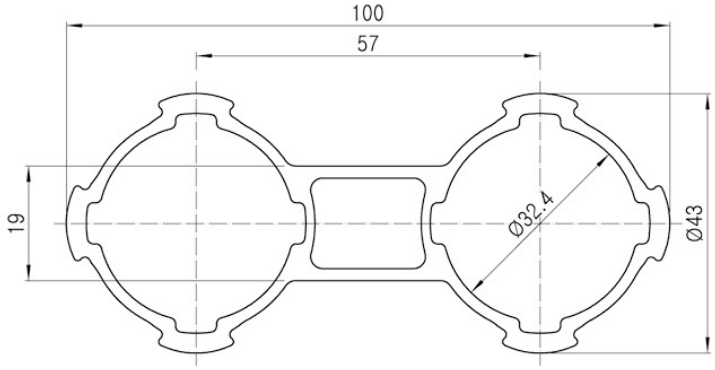




- Weight: 0.903kg/m, O.D. Ø43
- 6pcs/Bag, 60Bag/Pallet

AD4319 Extra Heavy Duty Double Pipe

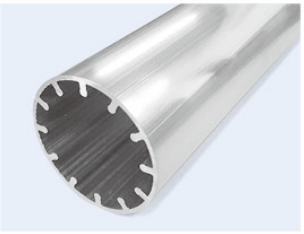




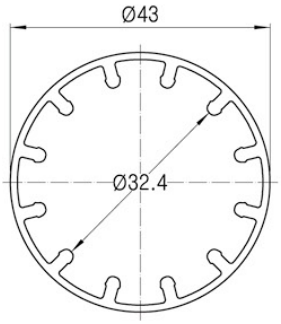
- Weight : 1.887kg/m, O.D. Ø43
- 2pcs/Bag, 90Bag/Pallet

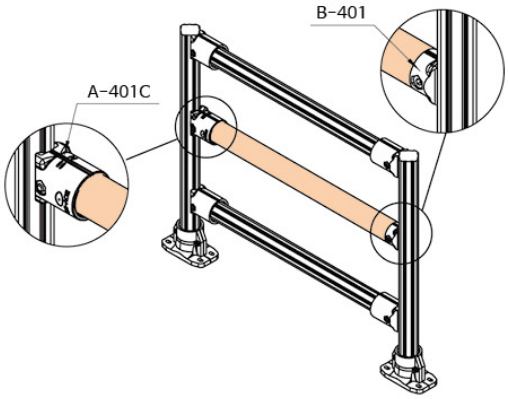
Φ43 AL RACKING SYSTEM

AR4312 원형 파이프



- Weight : 0.697kg/m
- 6pcs/Bag, 60Bag/Pallet







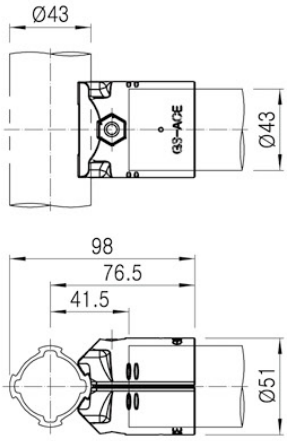
◈ Outer Joints

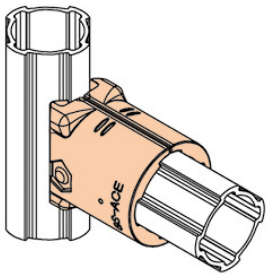
Ø43 ALUMINUM JOINTS

A-401 Single Tee Joint







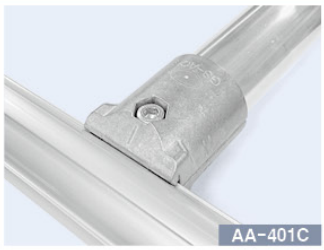


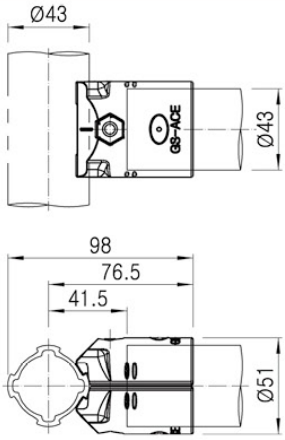
- Weight : 0.077kg
- Q'ty/Box : 60pcs

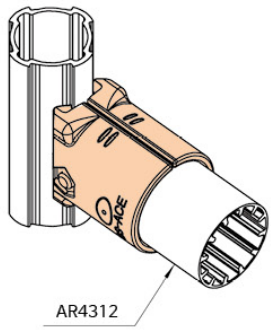
- A-401 : 2pcs
- M0840/N08 : 1set
- Weight : 0.178kg
- Q'ty/Box : 30set

A-401C Single Tee Joint (Pipe Angle Adjustable)





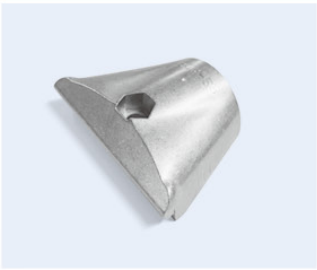


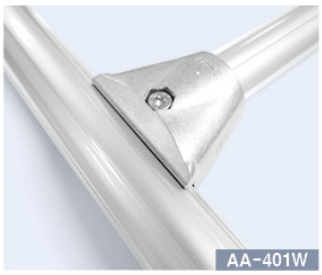


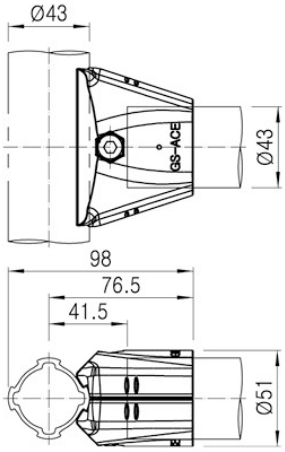
- Weight : 0.077kg
- Q'ty/Box : 60pcs

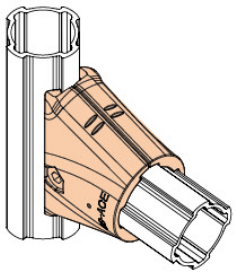
- A-401C : 2pcs
- M0840/N08 : 1set
- Weight : 0.170kg
- Q'ty/Box : 30set

A-401W Single Tee Joint (Heavy Duty)







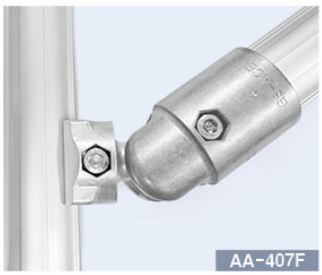


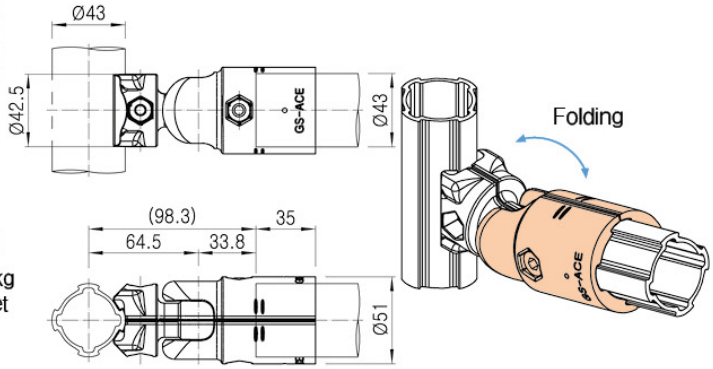
- Weight : 0.123kg
- Q'ty/Box : 40pcs

- A-401W : 2pcs
- M0840/N08 : 1set
- Weight : 0.270kg
- Q'ty/Box : 20set

A-407B Swivel Joint (Angle Adjust & Fix)







- Weight : 0.083Kg
- Q'ty/Box : 60pcs

- B-407A : 2pcs, • Weight : 0.370kg
  A-407B : 2pcs • Q'ty/Box : 20set
- M0840/N08 : 1set
- M0830/N08 : 1set

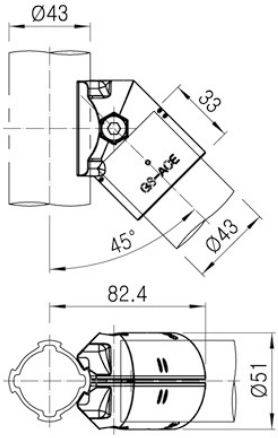
Φ43 AL RACKING SYSTEM

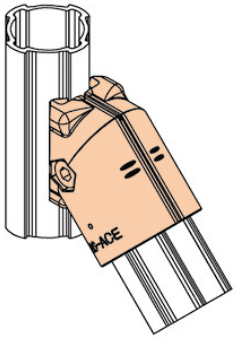
◈ Outer Joints

A-413L, A-413R 45 ° Joint





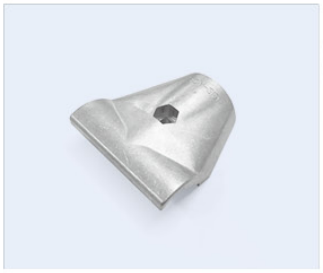


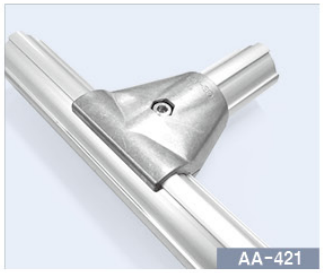


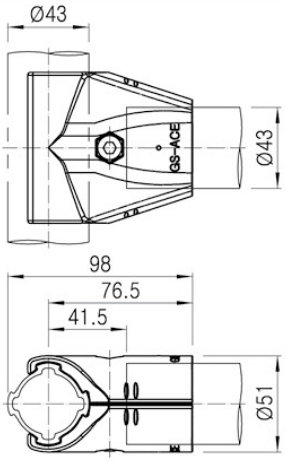
- Weight : 0.082kg
- Q'ty/Box : 50pcs

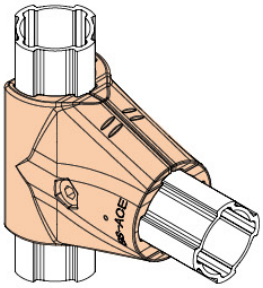
- A-413L : 1EA, A-413R : 1EA
- M0840/N08 : 1set
- Weight : 0.188kg
- Q'ty/Box : 25set

A-421 Single Tee Joint (Heavy Duty)









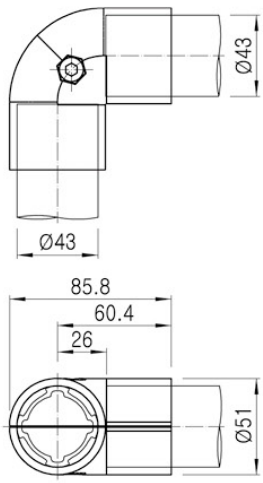
- Weight : 0.137kg
- Q'ty/Box : 30pcs

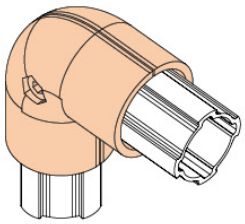
- A-421 : 2pcs
- M0840/N08 : 1set
- Weight : 0.296kg
- Q'ty/Box : 15set

A-490 90 ° Elbow Joint









- Weight : 0.131kg
- Q'ty/Box : 30pcs

- A-490 : 2pcs
- M0840/N08 : 1set
- Weight : 0.286kg
- Q'ty/Box : 15set

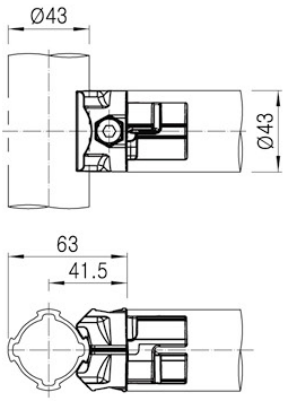
Φ43 AL RACKING SYSTEM

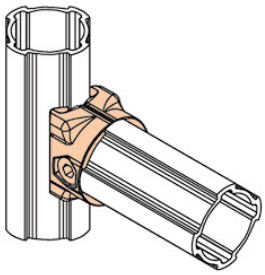
◈ Inner Joints

B-401 Single Tee Joint









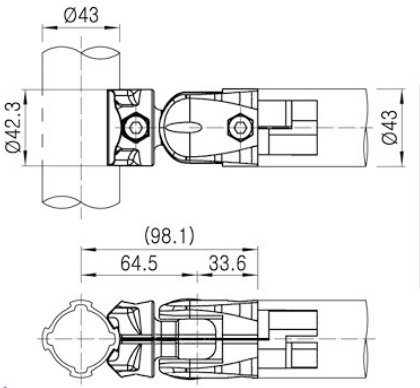
- Weight : 0.061kg
- Q'ty/Box : 100pcs

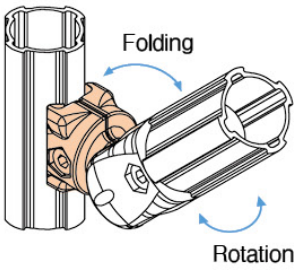
- B-401 : 2pcs
- M0830/N08 : 1set
- Weight : 0.143kg
- Q'ty/Box : 50set

B-407A Swivel Joint (Rotation, Angle Adjust & Fix)









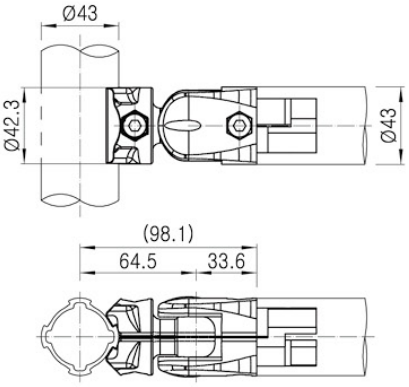
- Weight : 0.049kg
- Q'ty/Box : 120pcs

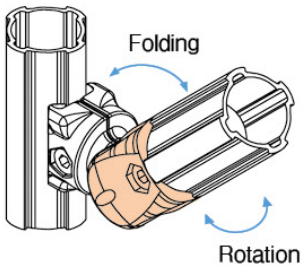
- B-407A : 2pcs, B-407B : 2pcs
- M0830/N08 : 2set
- Weight : 0.306kg
- Q'ty/Box : 20set

B-407B Swivel Joint (Rotation, Angle Adjust & Fix)







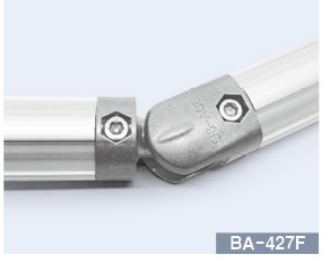


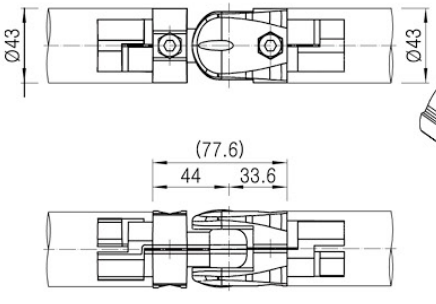
- Weight : 0.083kg
- Q'ty/Box : 60pcs

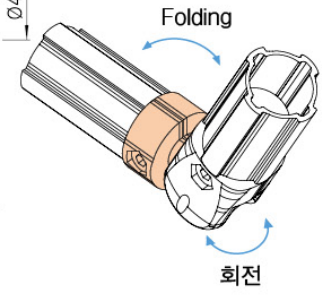
- B-407A : 2pcs, B-407B : 2pcs
- M0830/N08 : 2set
- Weight : 0.306kg
- Q'ty/Box : 20set

B-407C Swivel Joint (Rotation, Angle Adjust & Fix)









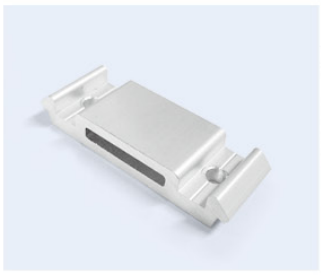
- Weight : 0.070kg
- Q'ty/Box : 60pcs

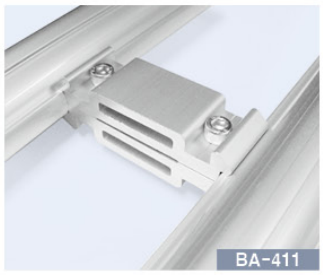
- B-407B : 2pcs, B-407C : 2pcs
- M0830/N08 : 2set
- Weight : 0.306kg
- Q'ty/Box : 20set

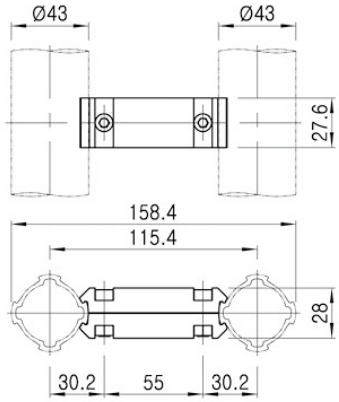
Φ43 AL RACKING SYSTEM

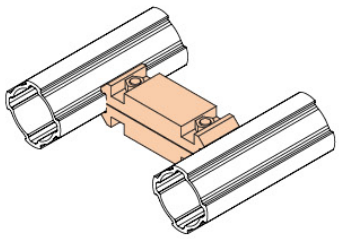
◈ Inner Joints

B-411 Parallel Joint









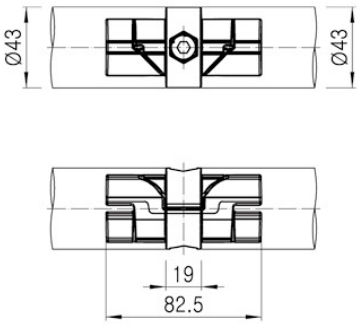
- Weight : 0.051kg
- Q'ty/Box : 100pcs

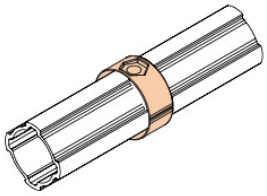
- B-411 : 2pcs
- M0620/N06W-55 : 2set
- Weight : 0.120kg
- Q'ty/Box : 50set

B-444 Straight Connector Joint







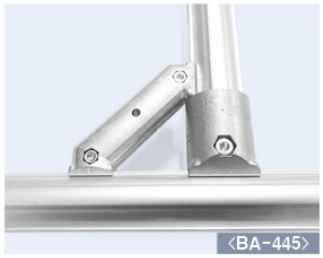


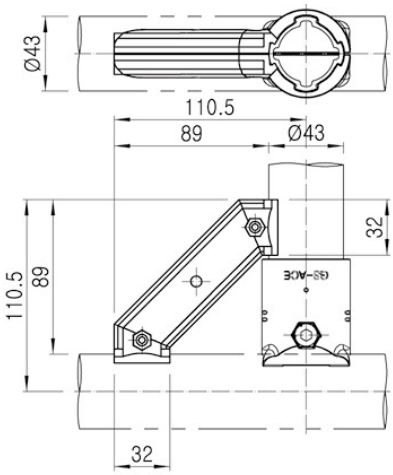
- Weight : 0.086kg
- Q'ty/Box : 60pcs

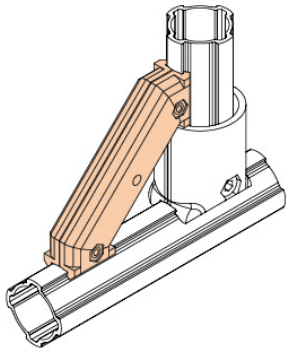
- B-444 : 2pcs
- M0830/N08 : 2set
- Weight : 0.140kg
- Q'ty/Box : 30set

B-445 Corner Joint









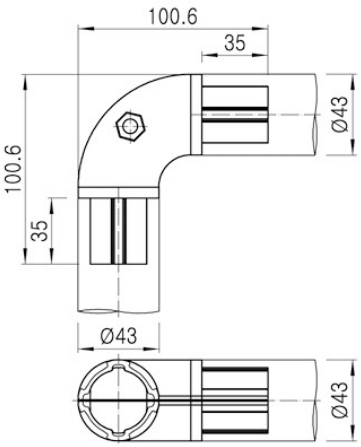
- Weight : 0.060kg
- Q'ty/Box : 60pcs

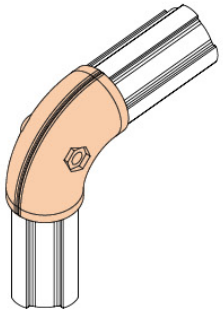
- B-445 : 2pcs
- M0620/N06W-55 : 1set
- Weight : 0.135kg
- Q'ty/Box : 30set

B-490 90 ° Elbow Joint







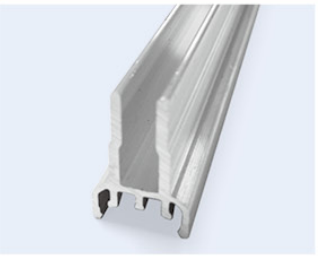


- Weight : 0.126kg
- Q'ty/Box : 30pcs

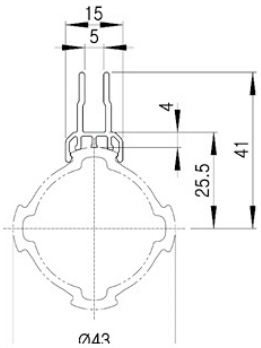
- B-490 : 2pcs
- M0830/N08 : 1set
- Weight : 0.271kg
- Q'ty/Box : 15set

Φ43 ALUMINUM ACCESSORIES

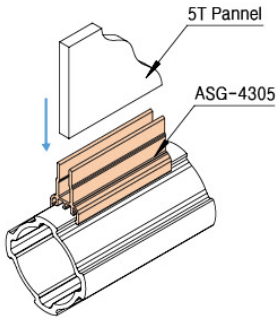
ASG-4305 AL Sheet Guide for Φ43





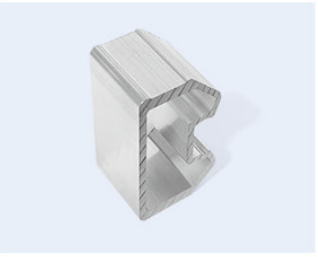


* Ø43용 Aluminum Sheet Guide

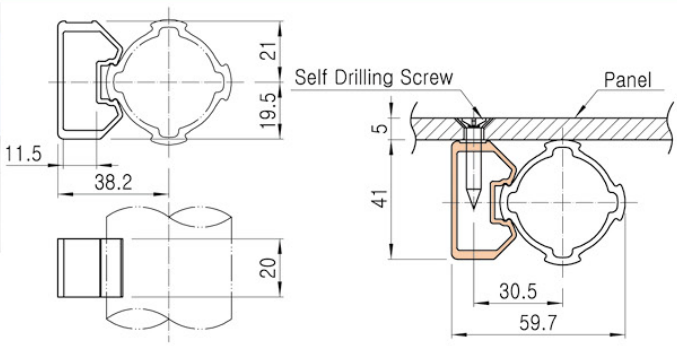


- Weight : 0.956kg/m
- Q'ty/Bundle : 20pcs
- Standard Length : 4MT

A43-N302 Board Support for Φ43



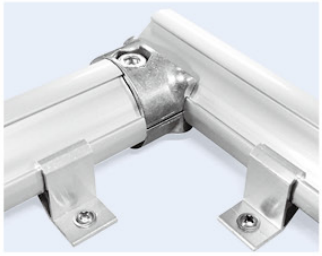


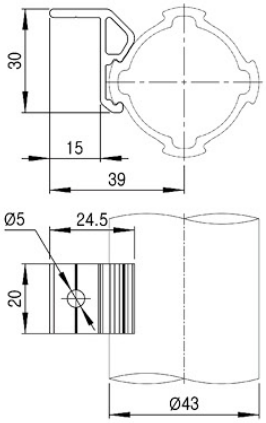


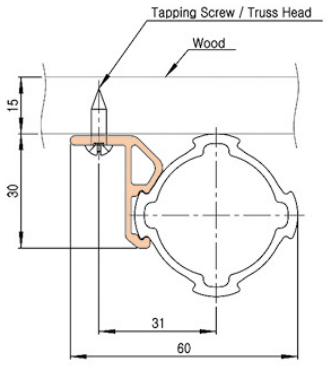
- Weight : 0.013kg
- Q'ty/Box : 200pcs

A43-N303 Board Support for Φ43



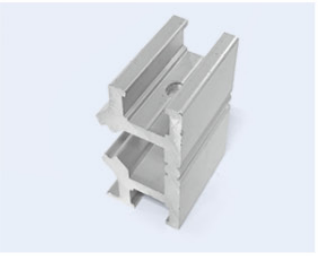


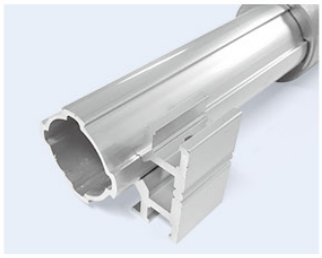




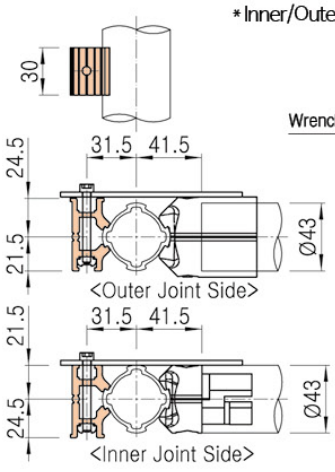
- Weight : 0.007kg
- Q'ty/Box : 400pcs

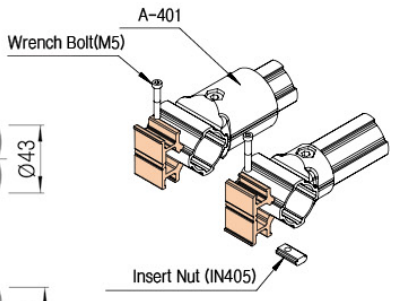
ABS-0530 Board Support for Φ43





* Inner/Outer Board Support for assembling Panel after Φ43 Aluminum Joint assembly



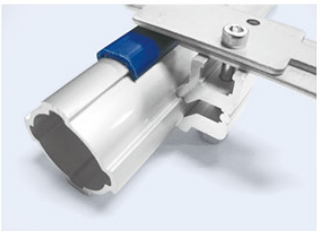


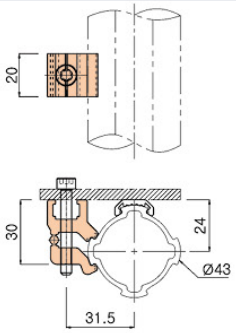
- Weight : 0.037kg
- Q'ty/Box : 100pcs

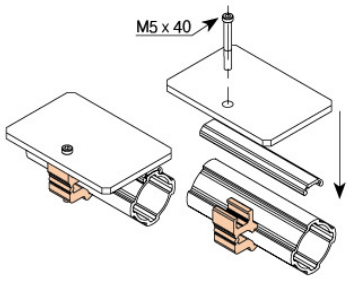
Φ43 AL RACKING SYSTEM

ABS-4320A Board Support for Φ43





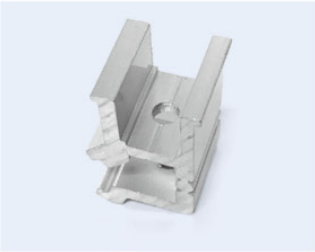




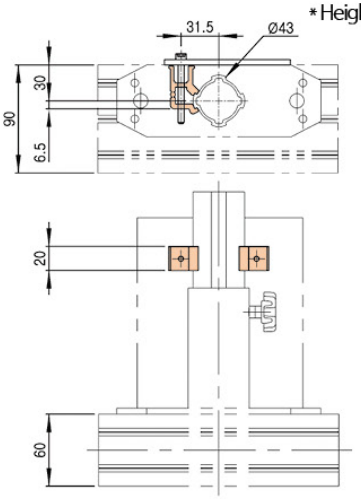
- Weight : 0.020kg
- Q'ty/Box : 200pcs

- ABS-4320A : 1pcs, APC-01 : 1pcs
- M0540 : 1pcs

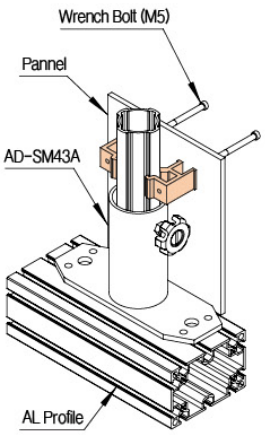
ABS-4320C Board Support for Φ43





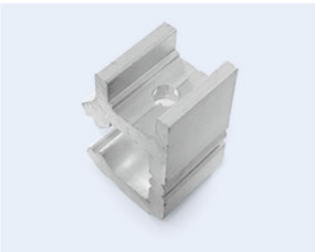


* Height adjusting Board Support for assembling Panel after assembling Pipe with Profile

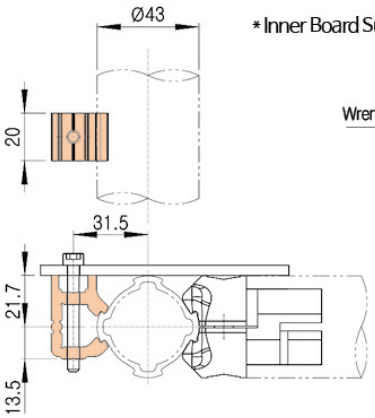


- Weight : 0.019kg
- Q'ty/Box : 200pcs

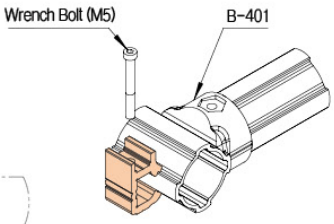
ABS-4320D Board Support for Φ43





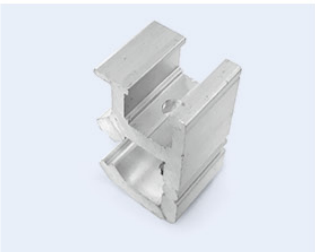


* Inner Board Support for assembling Panel after Φ 43 Aluminum Inner Joint assembly

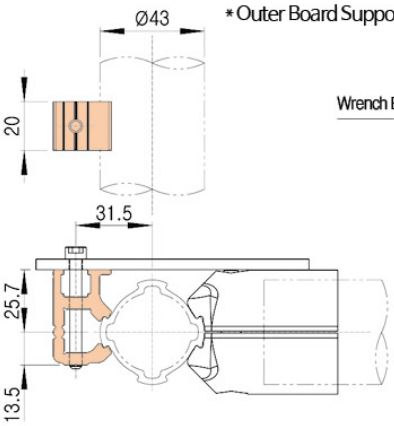


- Weight : 0.020kg
- Q'ty/Box : 200pcs

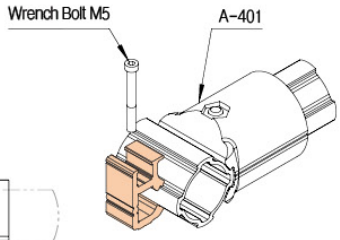
ABS-4320E Board Support for Φ43







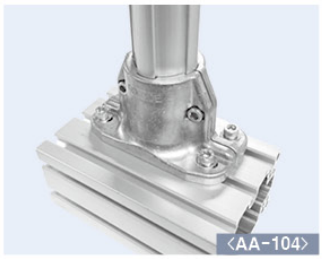
* Outer Board Support for assembling Panel after Φ43 Aluminum Outer Joint assembly

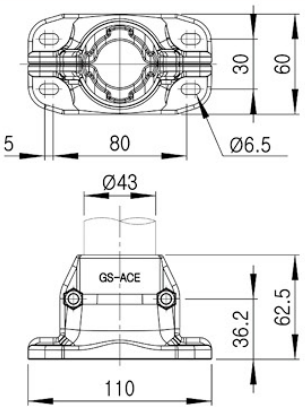


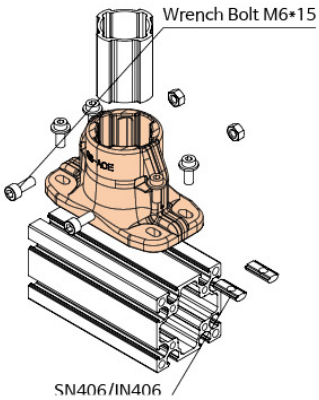
- Weight : 0.022kg
- Q'ty/Box : 200pcs

A-104 Profile Joint









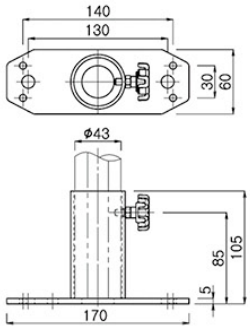
- Weight : 0.102kg
- Q'ty/Box : 20pcs

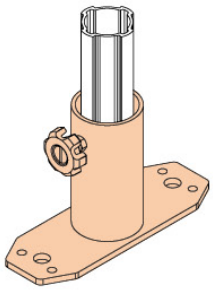
- A-104 : 2pcs
- M0615/N06W-55 : 2set
- Weight : 0.219kg
- Q'ty/Box : 10set

AD-SM43A Stanchion Mount Single





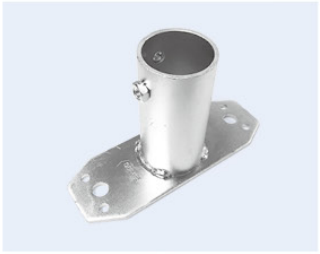




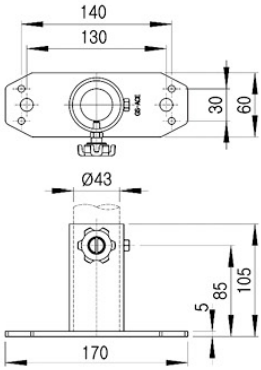
- Weight : 0.680kg
- Q'ty/Box : 40pcs

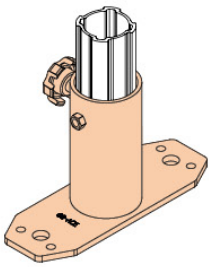
- AD-SM43A : 1pcs
- HM0615 : 1pcs
- Weight : 0.680kg
- Q'ty/Box : 40set

AD-SM43L Stanchion Mount Single-Left









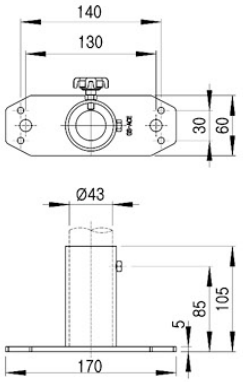
- Weight : 0.680kg
- Q'ty/Box : 40pcs

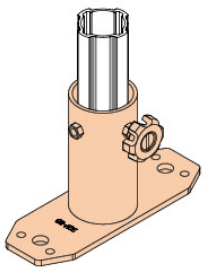
- AD-SM43L : 1pcs
- HM0615 : 1pcs
- Weight : 0.680kg
- Q'ty/Box : 40set

AD-SM43R Stanchion Mount Single-Right









- Weight : 0.680kg
- Q'ty/Box : 40pcs

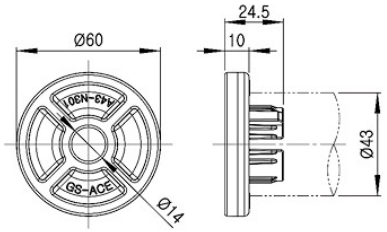
- AD-SM43R : 1pcs
- HM0615 : 1pcs
- Weight : 0.680kg
- Q'ty/Box : 40set

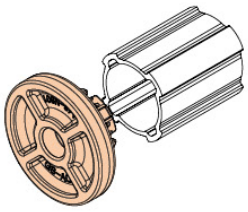
Φ43 AL RACKING SYSTEM

A43-N301 Aluminum Stanchion Mount





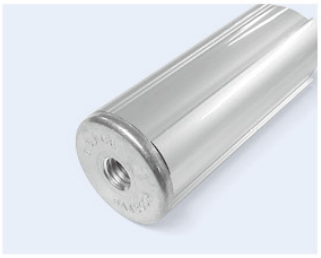


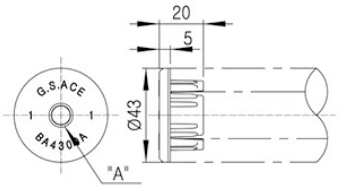


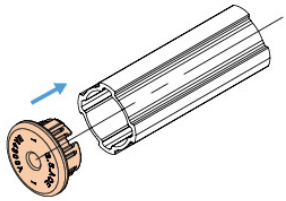
- Weight : 0.064kg
- Q'ty/Box : 150pcs

BA4300A/B/D AL Thread Insert





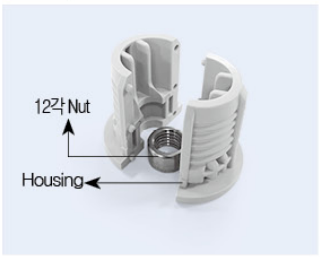


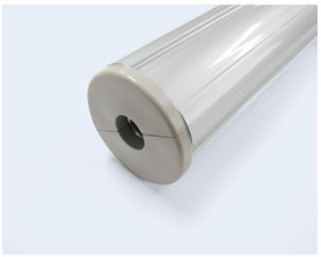


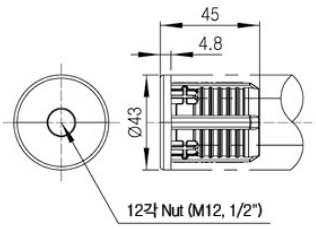
- Weight : 0.032kg
- Q'ty/Box : 150pcs

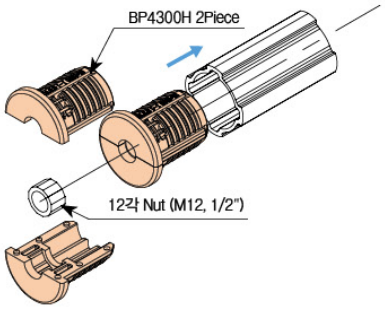
Part No.	"A" Tap	Remark
BA4300A	1/2"	
BA4300B	M12	
BA4300D	M10	

BP4300H AL Plastic Thread Insert









- Weight : 0.014kg
- Q'ty/Box : 800pcs

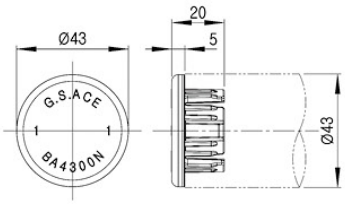
- BP4300H : 2pcs
- N12S or N12S-12 : 1pcs

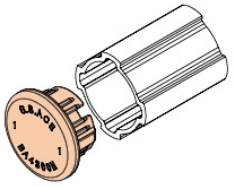
Φ43 AL RACKING SYSTEM

BA4300N AL Cap







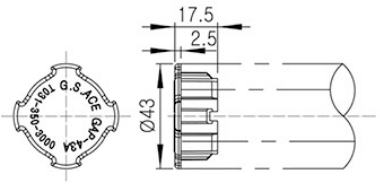


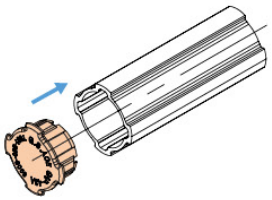
- Weight : 0.034kg
- Q'ty/Box : 150pcs

GAP-43A Plastic Inner Cap





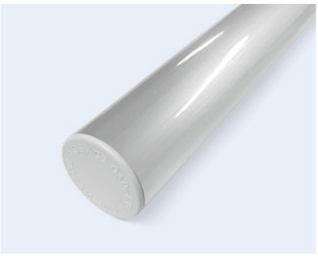


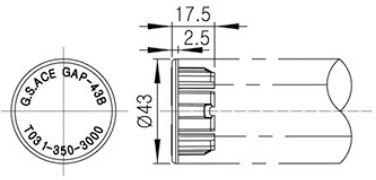


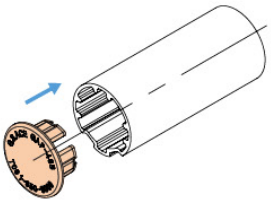
- Weight : 0.005kg
- Q'ty/Box : 600pcs

GAP-43B Plastic Round Inner Cap







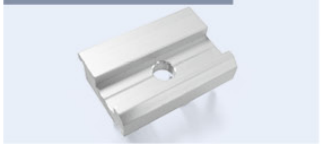


- Weight : 0.007kg
- Q'ty/Box : 600pcs

Φ43 AL RACKING SYSTEM

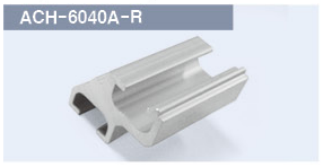
ACHA-6040A AL Component Holder

ACH-6040A-L



• Weight : 0.017kg
• Q'ty/Box : 400pcs

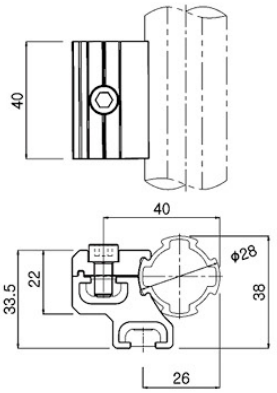
ACH-6040A-R

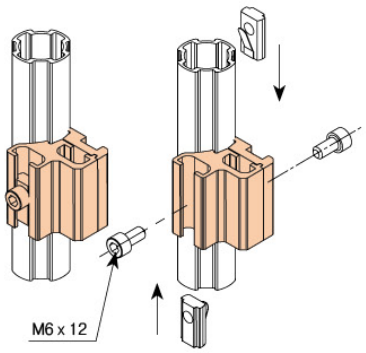


• Weight : 0.033kg
• Q'ty/Box : 100pcs



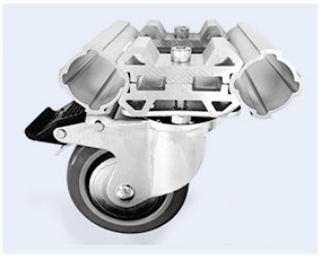
• ACH-6040A-L/R : 1set
• M0612 : 1pcs, SN406 : 1EA
• Q'ty/Box : 75set



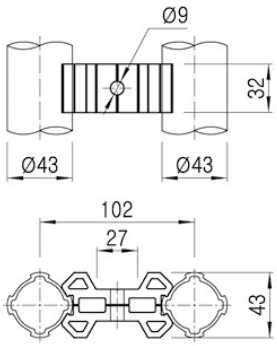


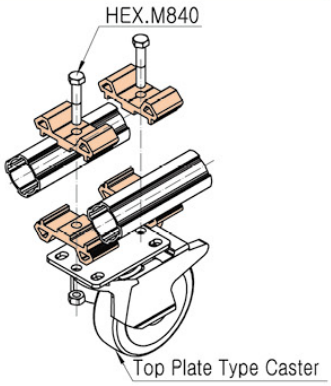
ACM-600 AL Caster Mount





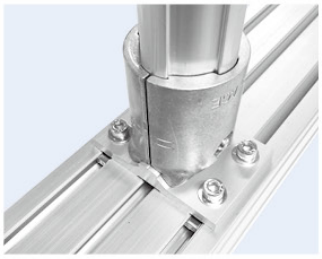
• Weight : 0.068kg
• Q'ty/Box : 60pcs



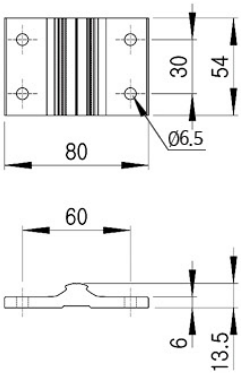


AMB-0654 Mount Bracket

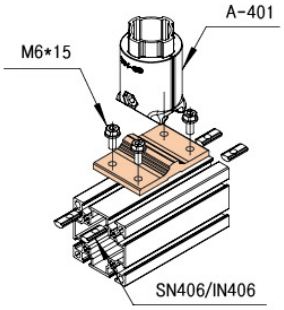




• Weight : 0.083kg
• Q'ty/Box : 100pcs

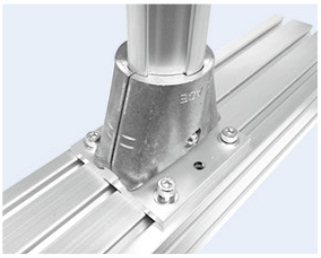


* Mount Bracket for assembling Aluminum Pipe with Profile

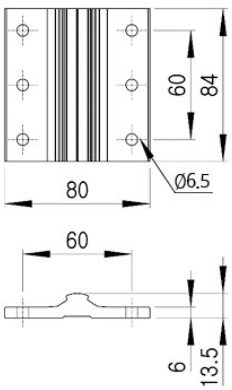


AMB-0684 Mount Bracket

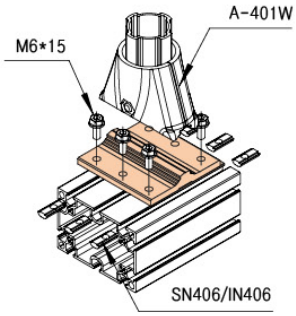




• Weight : 0.129kg
• Q'ty/Box : 50pcs

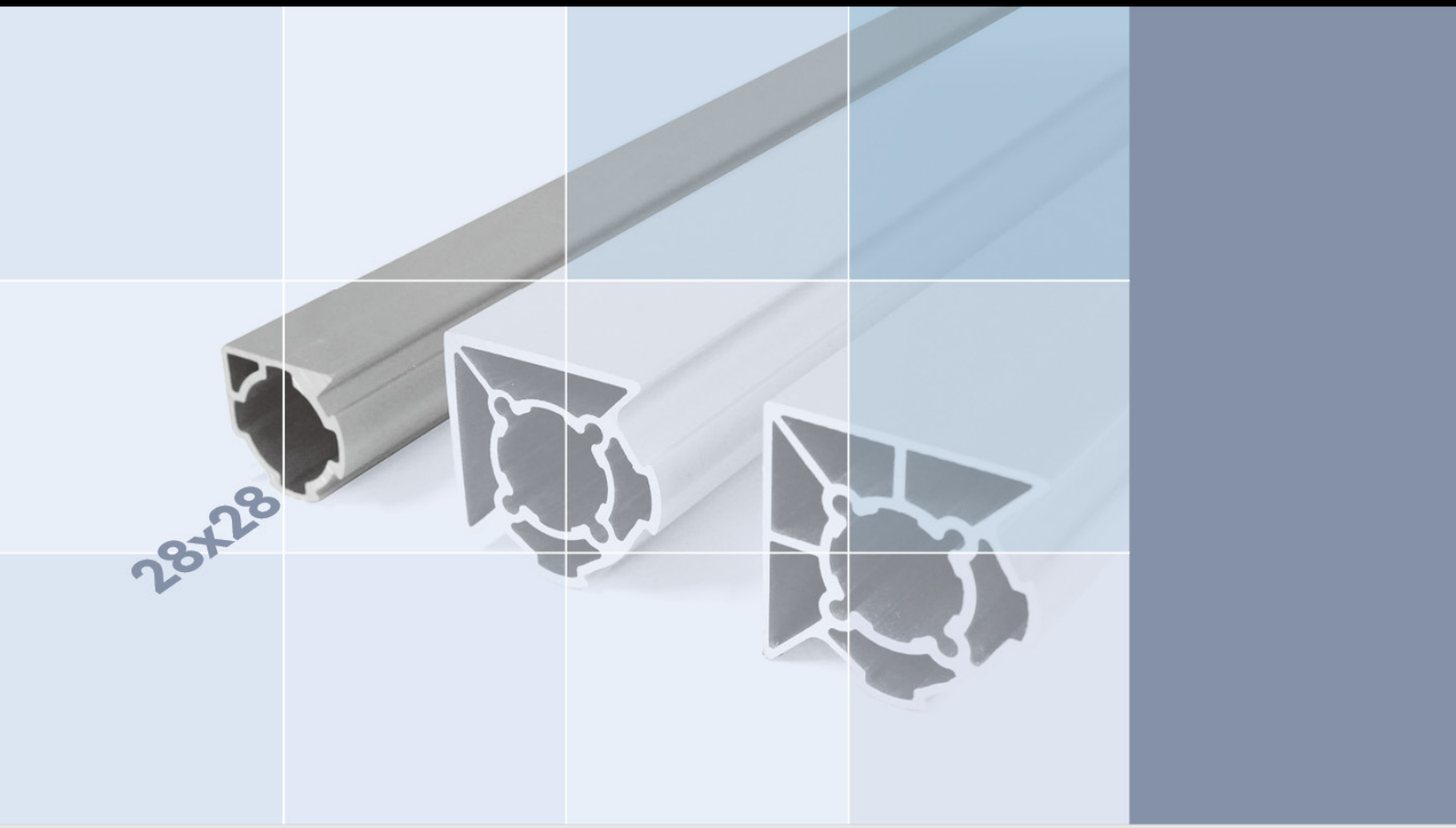


* Mount Bracket for assembling Aluminum Pipe with Profile



G.S.ACE INDUSTRY CO., LTD.

28X28 AL SQUARE

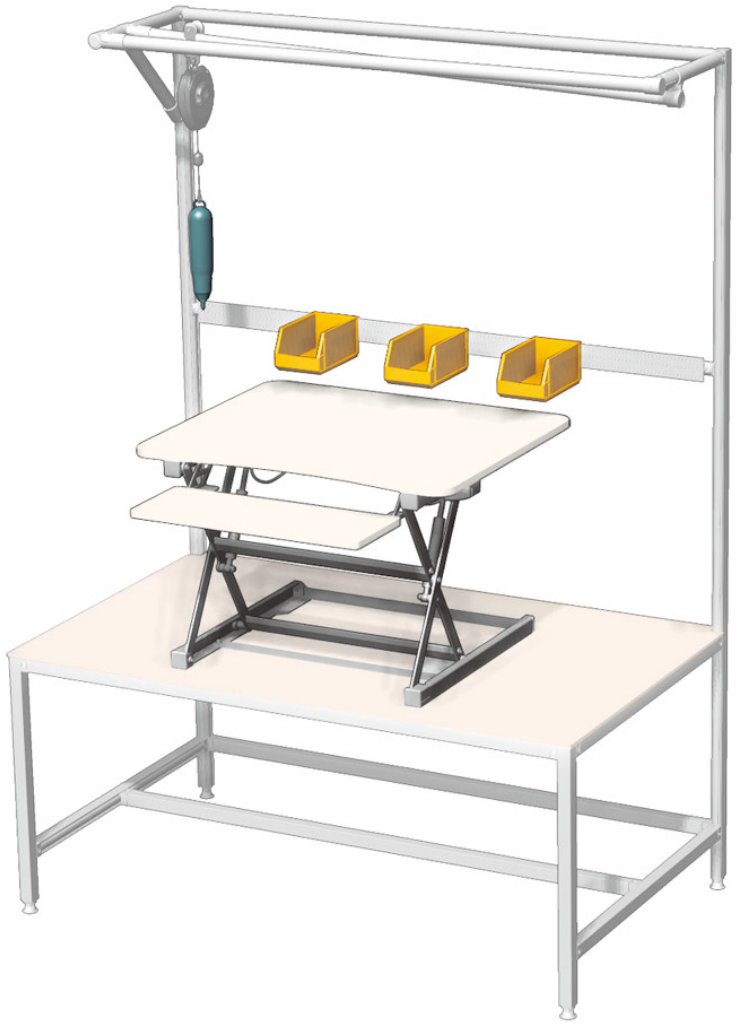


- 28x28 AL SQUARE PIPES
- 28x28 AL SQUARE JOINTS
- 28x28 AL SQUARE ACCESSORIES

28X28 AL SQUARE RACKING SYSTEM

ALUMINUM SQUARE RACKING SYSTEM SPECIAL FEATURES

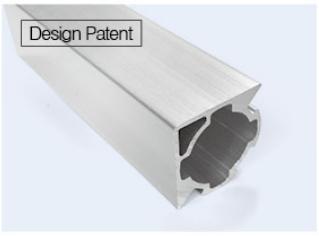
- Easier Assembly than Aluminum Profiles (Reduce assembly time by 40%)
- No Exterior Groove (No Need to fill T-Groove when using in cleanroom)
- Low Cost and Lightweight Compared to Aluminum Profile
- Flat Rack Possible by Linking Aluminum Square Pipe with Joint
  (Easy to fix plate and parts with flat square rack)
- Compatible with Circular Ø28 Aluminum Pipes and Joints
  (Compatible with Existing Circular Ø28 Aluminum Pipes and Joints and Various Accessories)

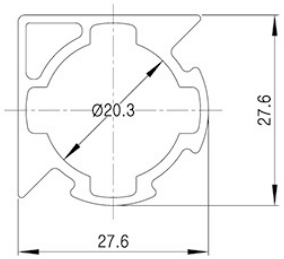


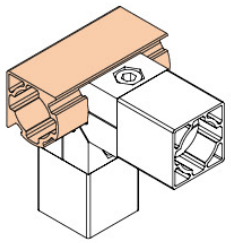
28X28 AL SQUARE PIPES

ASQ2812A 90 ° 2-Way Linking Square Pipe

* Surface Treatment - PE-Coating

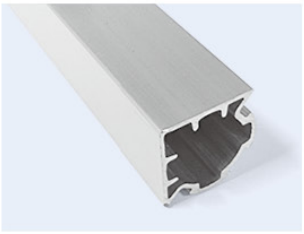


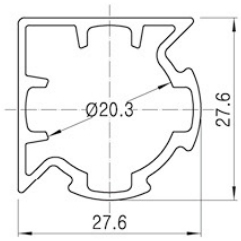


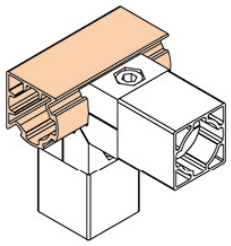


- Weight : 0.566kg/m
- Q'ty/Bundle : 8EA

ASQ2812AN 90 ° 2-Way Linking Square Pipe (Light Duty)

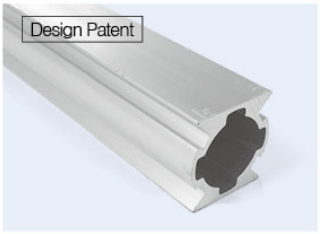


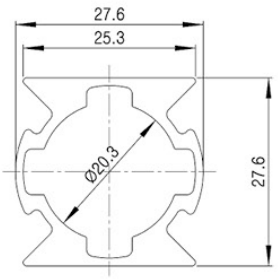


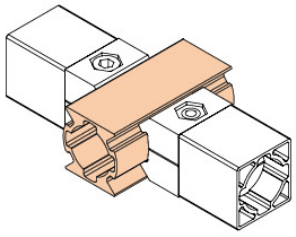


- Weight : 0.450kg/m
- Q'ty/Bundle : 8EA

ASQ2812B 180 ° 2-Way Linking Square Pipe

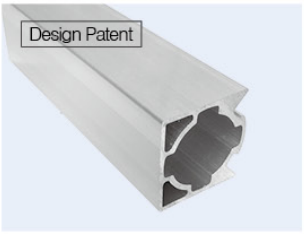


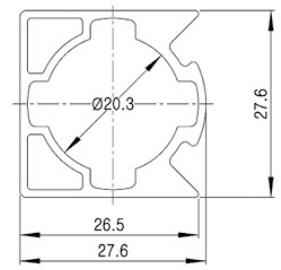


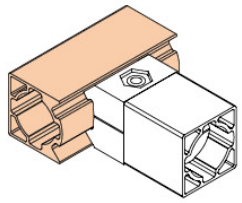


- Weight : 0.665kg/m
- Q'ty/Bundle : 8EA

ASQ2812C 1-Way Linking Square Pipe

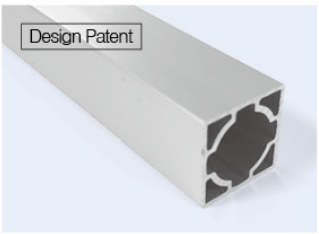


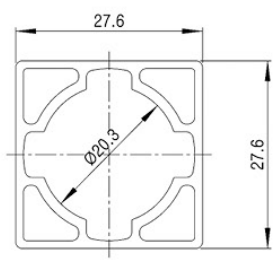


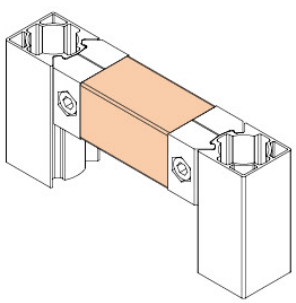


- Weight : 0.591kg/m
- Q'ty/Bundle : 8EA

ASQ2812D Square Pipe to Prevent Foreign Particles from Entering





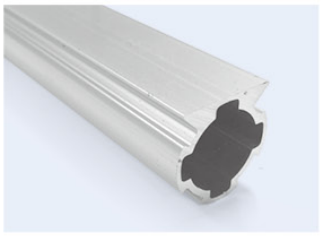


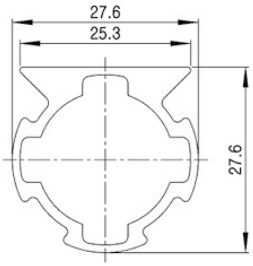
- Weight : 0.555kg/m
- Q'ty/Bundle : 8EA

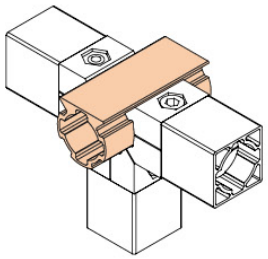
28X28 AL SQUARE RACKING SYSTEM

ASQ2812E 3-Way Linking Square Pipe

* Surface Treatment - PE-Coating

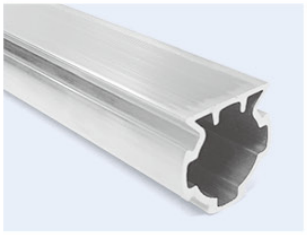


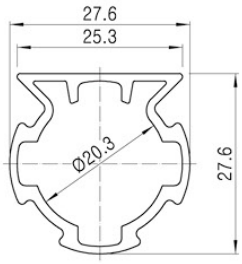


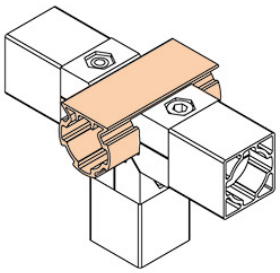


- Weight : 0.522kg/m
- Q'ty/Bundle : 8EA

ASQ2812EN 3-Way Linking Square Pipe (Light Duty)

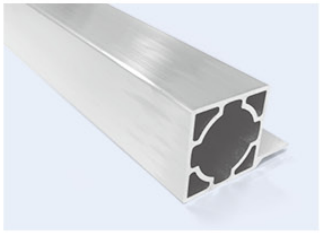


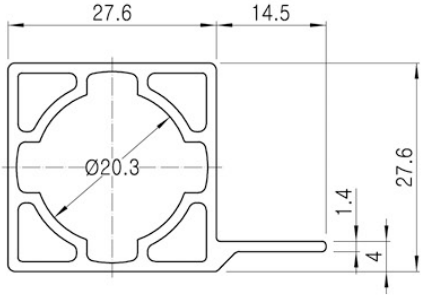


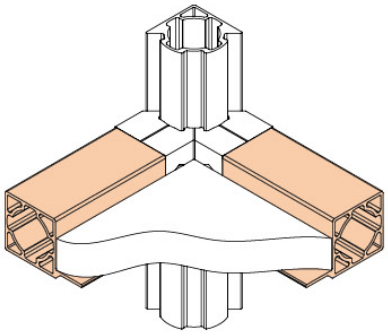


- Weight : 0.433kg/m
- Q'ty/Bundle : 8EA

ASQ2812F L-Type Square Pipe to Prevent Foreign Particles from Entering

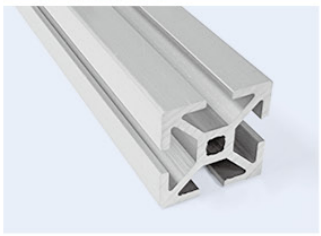


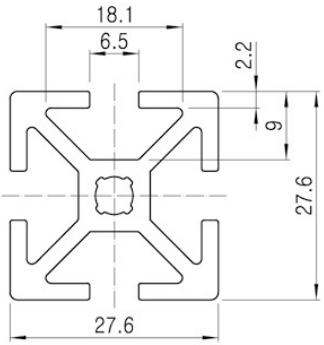


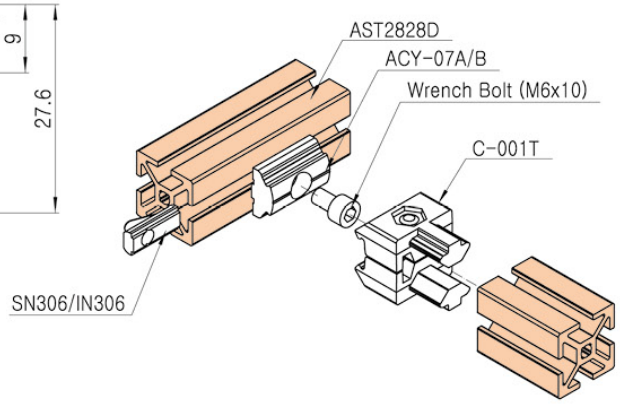


- Weight : 0.646kg/m
- Q'ty/Bundle : 6EA

AST2828D 4-Way T Slot Square Pipe





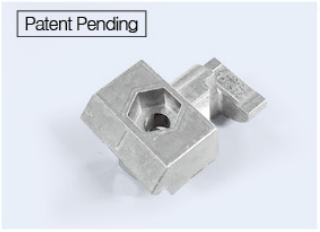


- Weight : 0.873kg/m
- Q'ty/Bundle : 6pcs

28x28 AL SQUARE JOINTS

C-001 Square Joint for 28x28

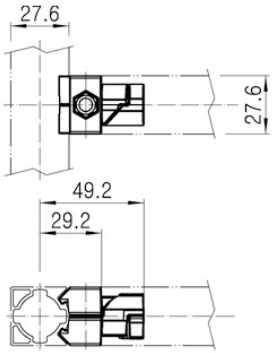
Unit : mm

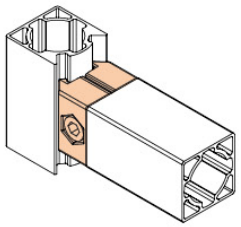




- Weight : 0.021kg
- Q'ty/Box : 200pcs

- C-001 : 2pcs
- M0620/N06W-55 : 1set
- Weight : 0.050kg
- Q'ty/Box : 100set





※ Recommend that the pipe linking with the joints are calculated by floating 30mm from the center of the pipe

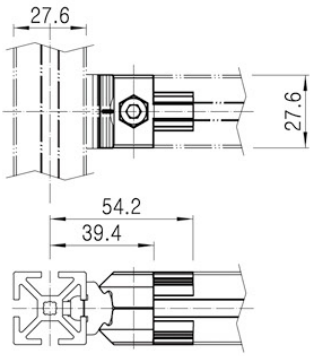
C-001T Square Joint for 28x28

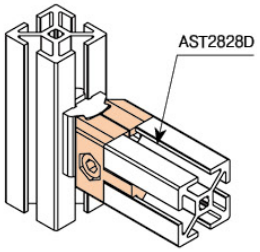




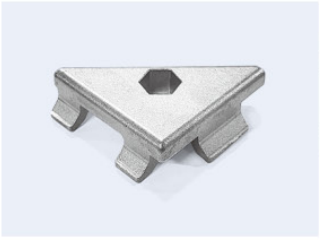
- Weight : 0.016kg
- Q'ty/Box : 200pcs

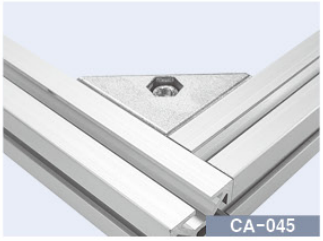
- C-001T : 2pcs
- M0620/N06W-55 : 1set
- Weight : 0.040kg
- Q'ty/Box : 100set





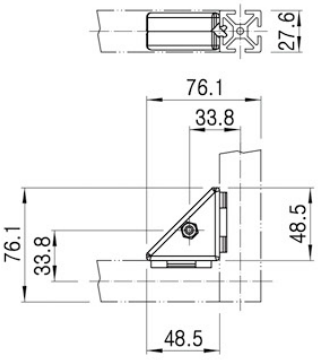
C-045 90° Quick Joint (6mm Slot용)

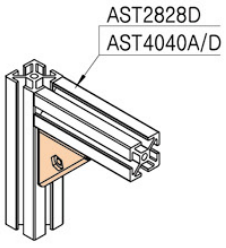




- Weight: 0.037kg
- Q'ty/Box : 120pcs

- C-045 : 2pcs
- M0615/N06W-55 : 1set
- Weight: 0.080kg
- Q'ty/Box : 60set

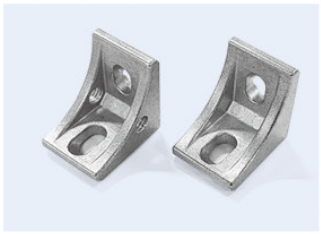




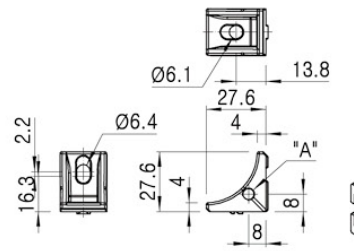
28x28 AL SQUARE ACCESSORIES

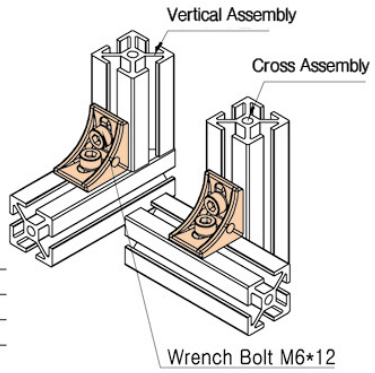
B-040A/B — Ø28 Corner Bracket (M6)

Unit : mm









Part No.	"A" Tap	Remark
B-040A	M6	
B-040B	None Tap	

- Weight : 0.012kg
- Q'ty/Box : 400pcs

ACA-325A — Ø28 Hanger

ACY-325A

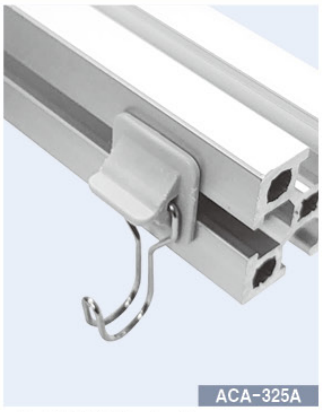


- Weight : 0.024kg
- Q'ty/Box : 200pcs

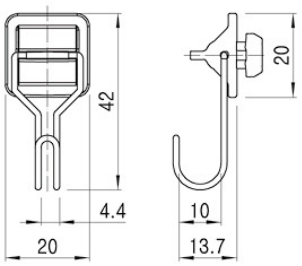
ACY-325B

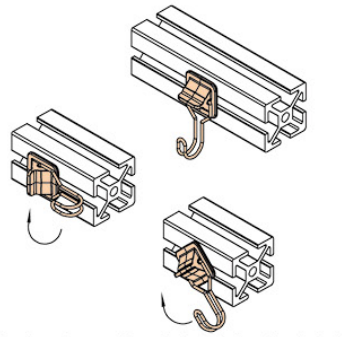


- Weight : 0.024kg
- Q'ty/Box : 200pcs



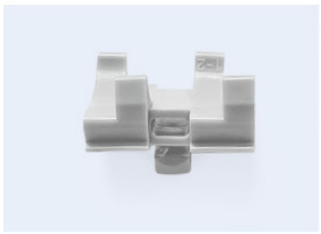
- B-001TA/B : 1set
- M6*20/M06W-55 : 1set
- Weight : 0.056kg
- Q'ty/Box : 100set

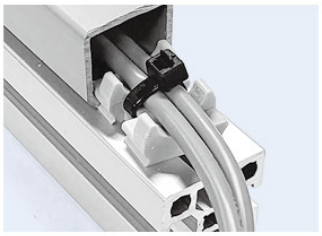




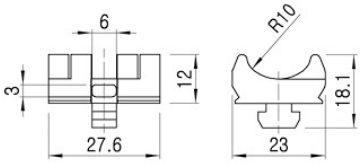
After inserting Profile, Fix by rotating in clockwise & counterclockwise

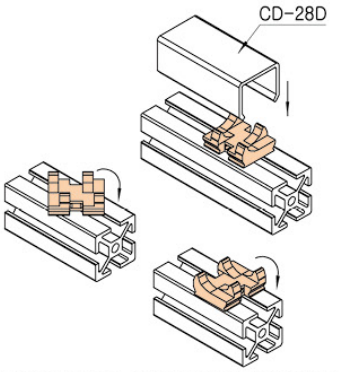
ACY-326A — Ø28 Cable Clamp





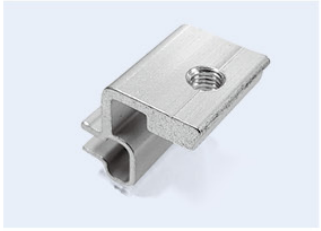
- Weight : 0.004kg
- Q'ty/Box : 1,000pcs

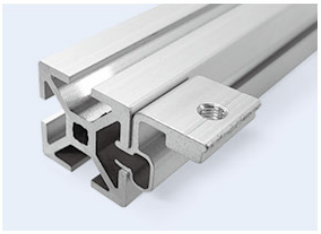




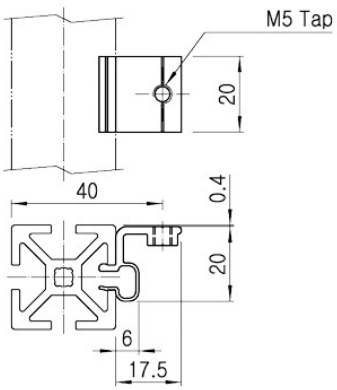
After inserting Profile, Fix by rotating in clockwise & counterclockwise

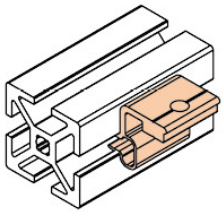
A28-304A — Aluminum Panel Bracket





- Weight : 0.005kg
- Q'ty/Box : 600pcs





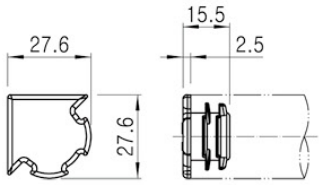
28X28 AL SQUARE RACKING SYSTEM

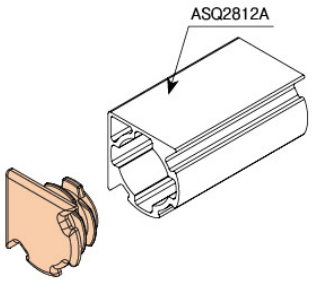
GAP-2828A Inner Cap for 28x28

Unit : mm







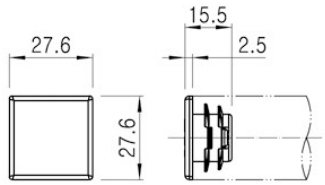


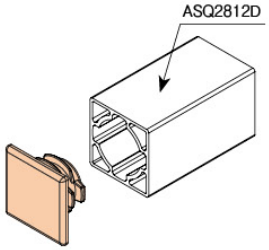
- Weight : 0.003kg
- Q'ty/Box : 1500pcs

GAP-2828D Inner Cap for 28x28





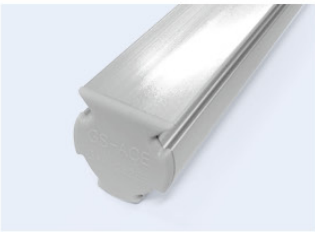


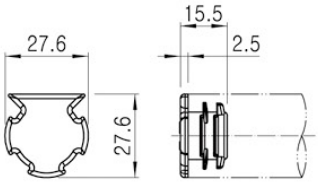


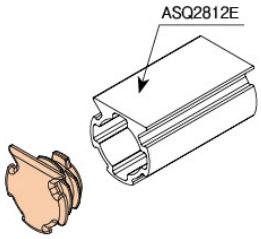
- Weight : 0.003kg
- Q'ty/Box : 1500pcs

GAP-2828E Inner Cap for 28x28







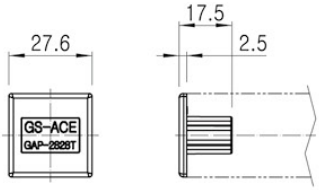


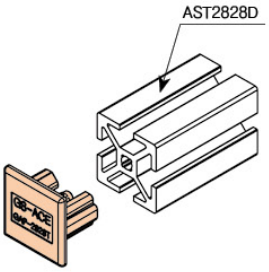
- Weight : 0.003kg
- Q'ty/Box : 1500pcs

GAP-2828T Inner Cap for 28x28





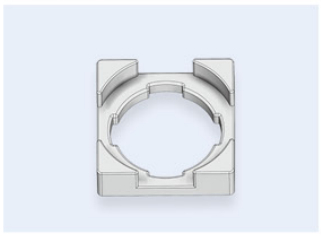


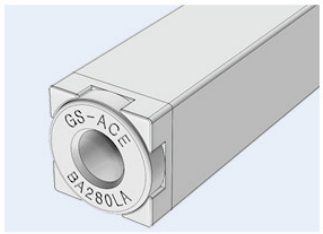


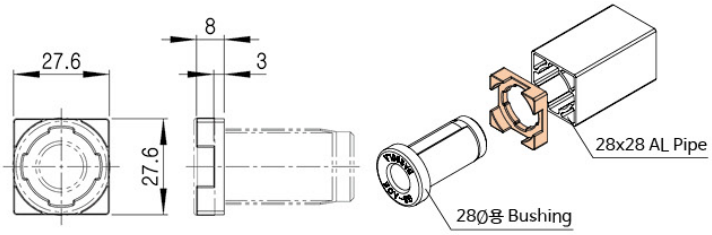
- Weight : 0.003kg
- Q'ty/Box : 1500pcs

28X28 AL SQUARE RACKING SYSTEM

BP2828A — Bushing Cap for 28x2



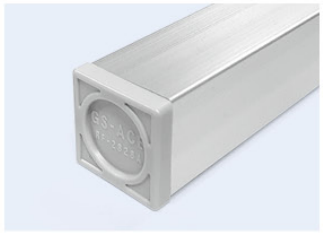


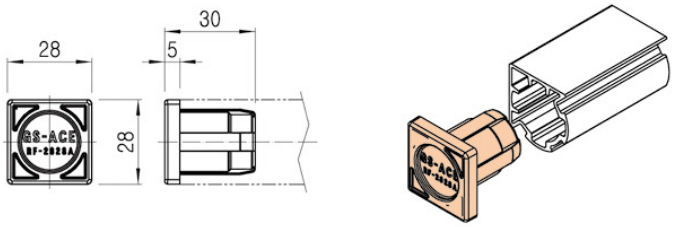


- Weight : 0.003kg
- Q'ty/Box : 1500pcs

RF-2828A — Rubber Foot for 28x28







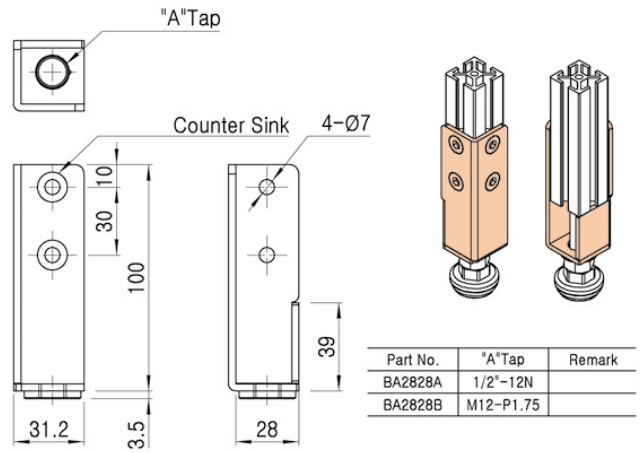
- Weight : 0.007kg
- Q'ty/Box : 750pcs

NEW

BA2828A/B — Threaded Insert Bracket





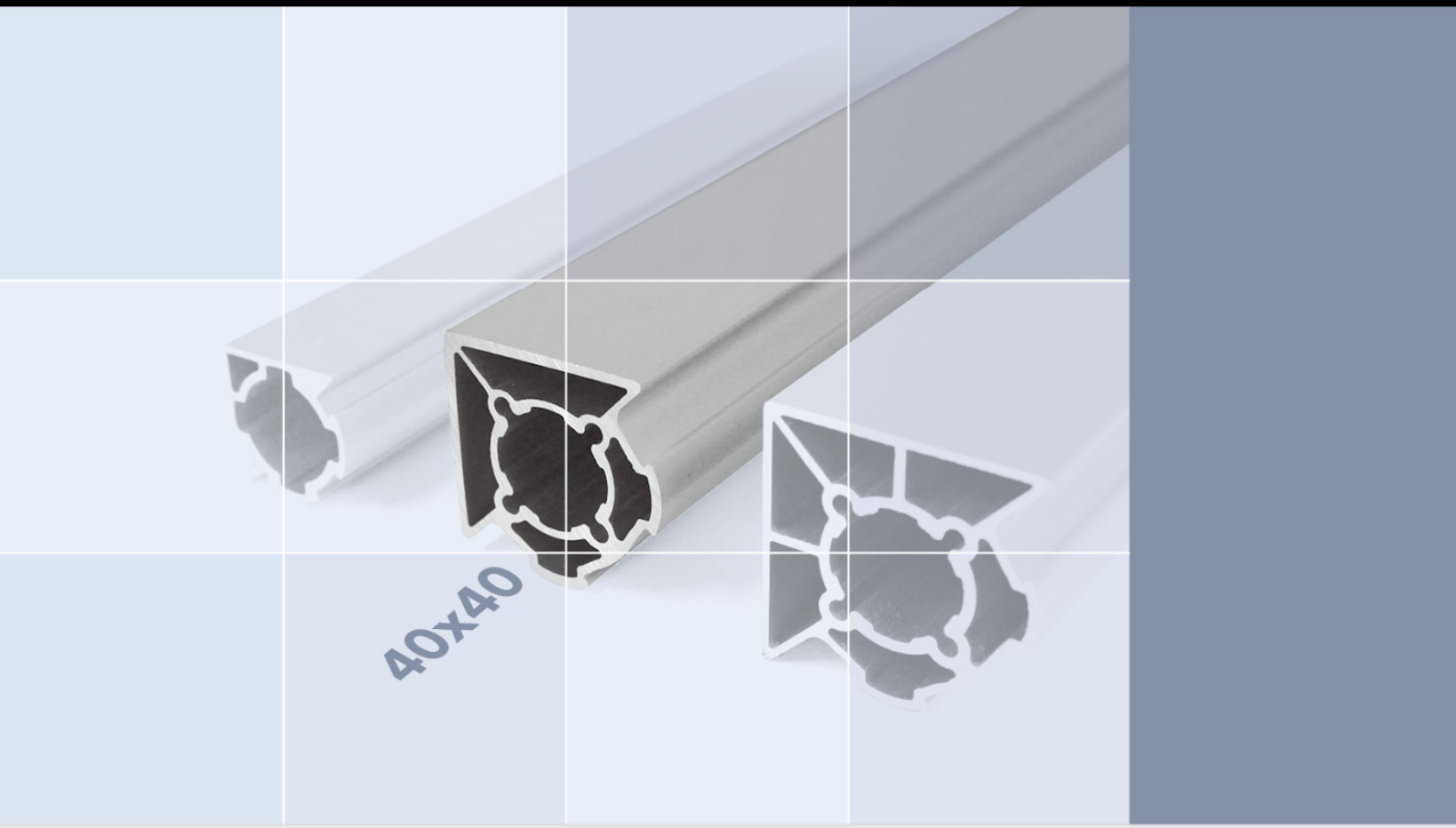


Part No.	"A"Tap	Remark
BA2828A	1/2"-12N	
BA2828B	M12-P1.75	

- Weight : 0.170kg
- Q'ty/Box : 108pcs

G.S.ACE INDUSTRY CO., LTD.

40X40 AL PROFILE



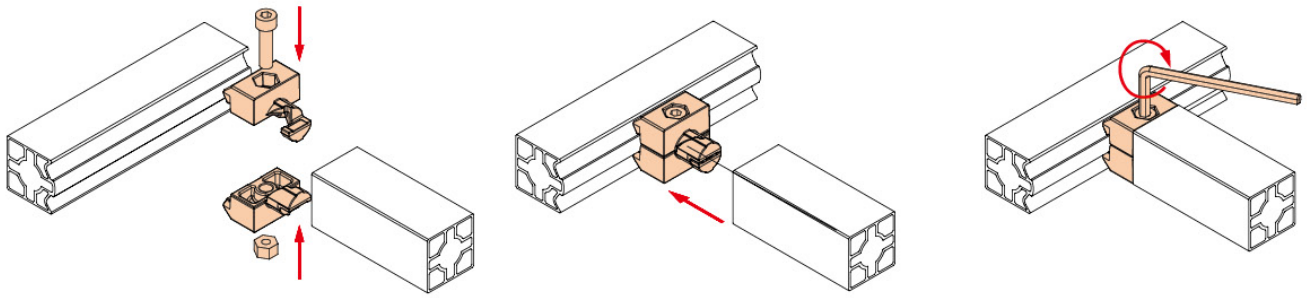
- 40x40 AL PROFILES
- 40x40 AL PROFILE JOINTS
- 40x40 AL PROFILE ACCESSORIES

40X40 AL PROFILE RACKING SYSTEM

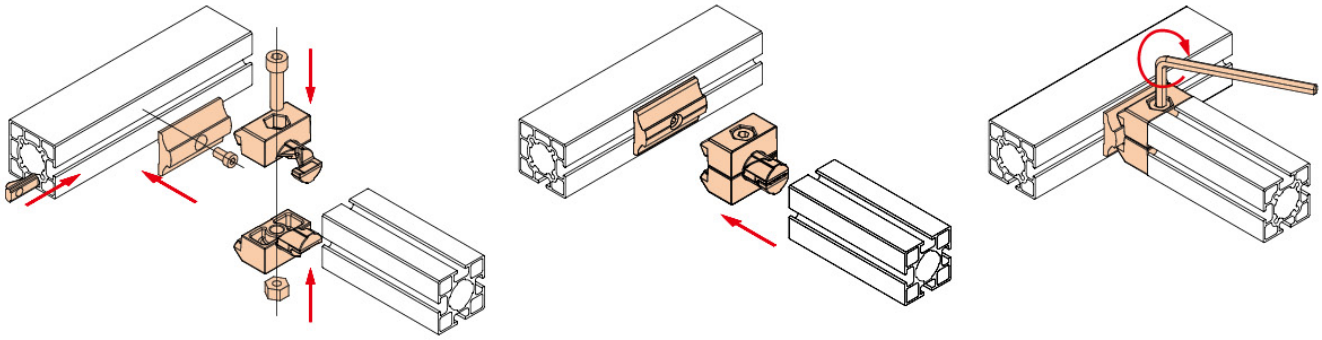
AL PROFILE RACKING SYSTEM

- More Convenient to assemble than Aluminum Profile (Reduce assembly time about 40 %)
- Smooth appearance without grooves (No need to T-backing when used in Clean Room)
- Lightweight and Low cost compared to Aluminum profile.
- Flat Rack Configuration with Aluminum Square pipe and Joint
  (Easy to assemble for flat surface and fix with accessories)
- Compatibility with Ø28 & Ø43 Aluminum Circular Pipe's Joint
- Can be used with existing Joint of Ø28 and Ø43 aluminum round pipe and various accessories
- Can be used T groove and various available accessories

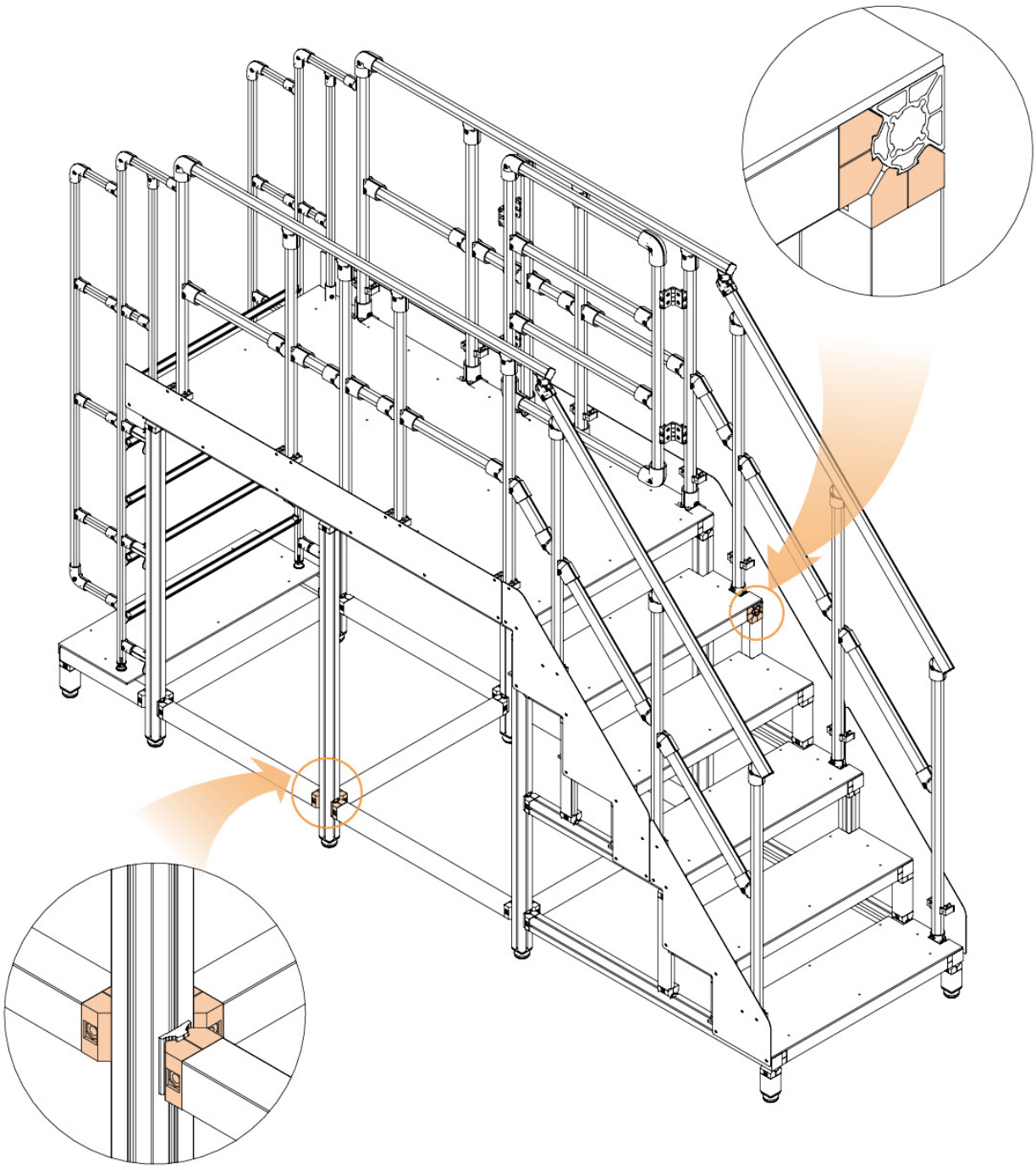
How to assemble with Joint



How to assemble using T-groove



New Profile Application Example

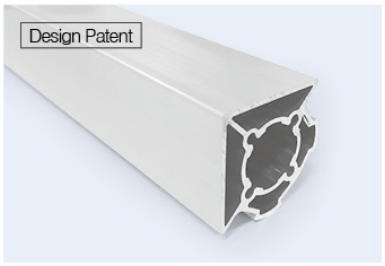


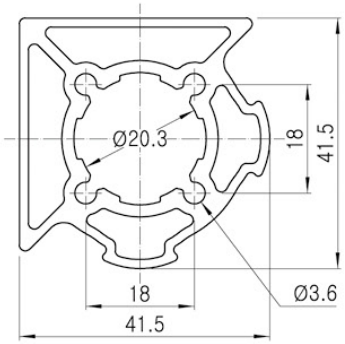
40X40 AL PROFILE RACKING SYSTEM

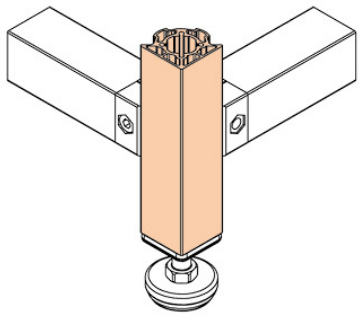
40x40 AL PROFILES

Unit : mm

ASJ4040A 90° 2-Way Joint Linking Profile

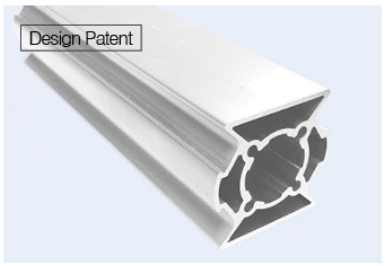


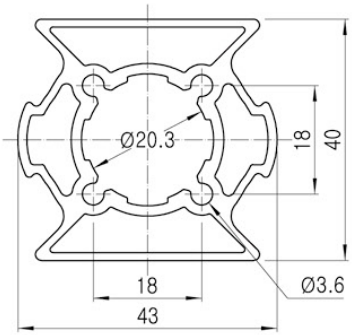


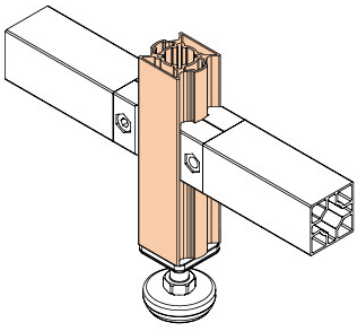


- Weight : 1.195kg/m
- 4pcs/Bag, 110Bag/Pallet

ASJ4040B 180° 2-Way Joint Linking Profile

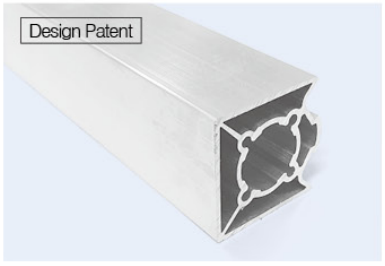


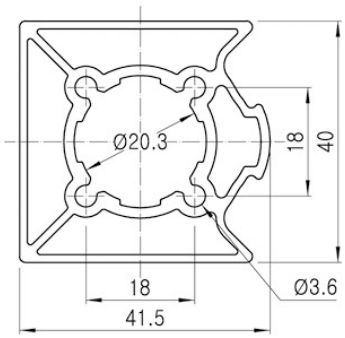


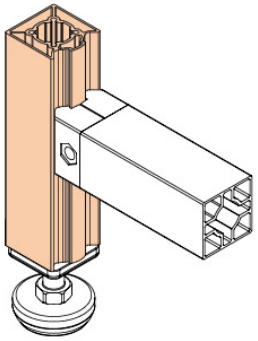


- Weight : 1.211kg/m
- 4pcs/Bag, 110Bag/Pallet

ASJ4040C 1-Way Joint Linking Profile

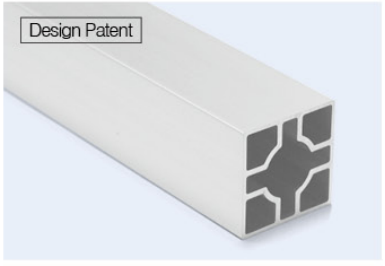


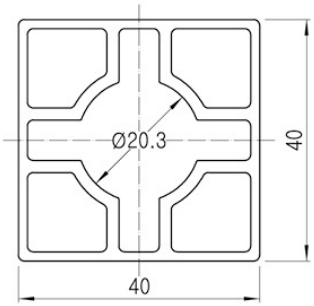


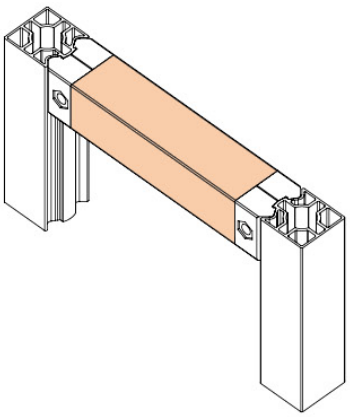


- Weight : 1.200 kg/m
- 4pcs/Bag, 110Bag/Pallet

ASJ4040D Profile to Prevent Foreign Particles from Entering





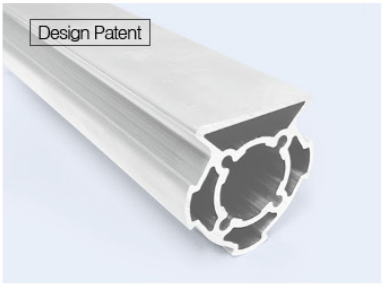


- Weight : 1.175 kg/m
- 4pcs/Bag, 110Bag/Pallet

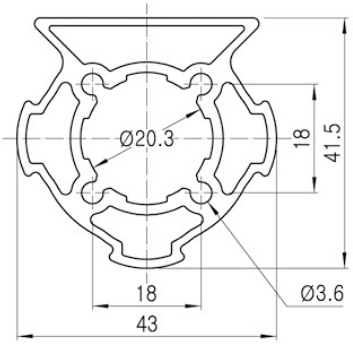
40X40 AL PROFILE RACKING SYSTEM

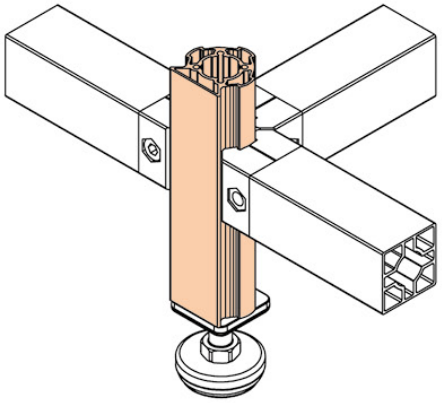
Unit : mm

ASJ4040E 3-Way Joint Linking Profile

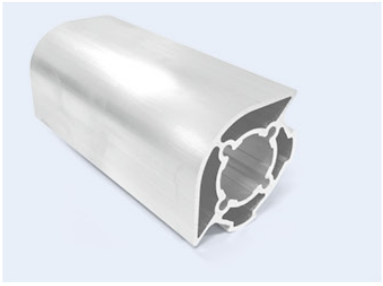


- Weight : 1.145 kg/m
- 4pcs/Bag, 110Bag/Pallet

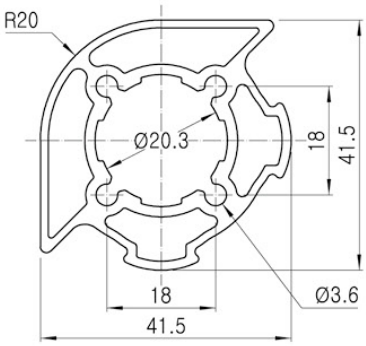


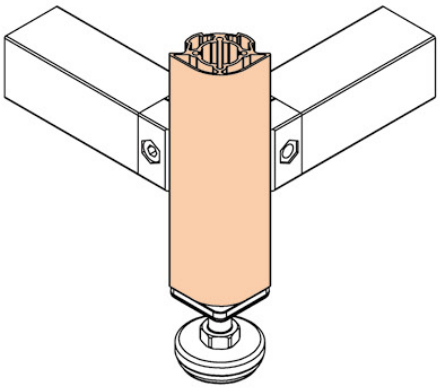


ASJ4040R Corner Round 90° 2-Way Joint Linking Profile

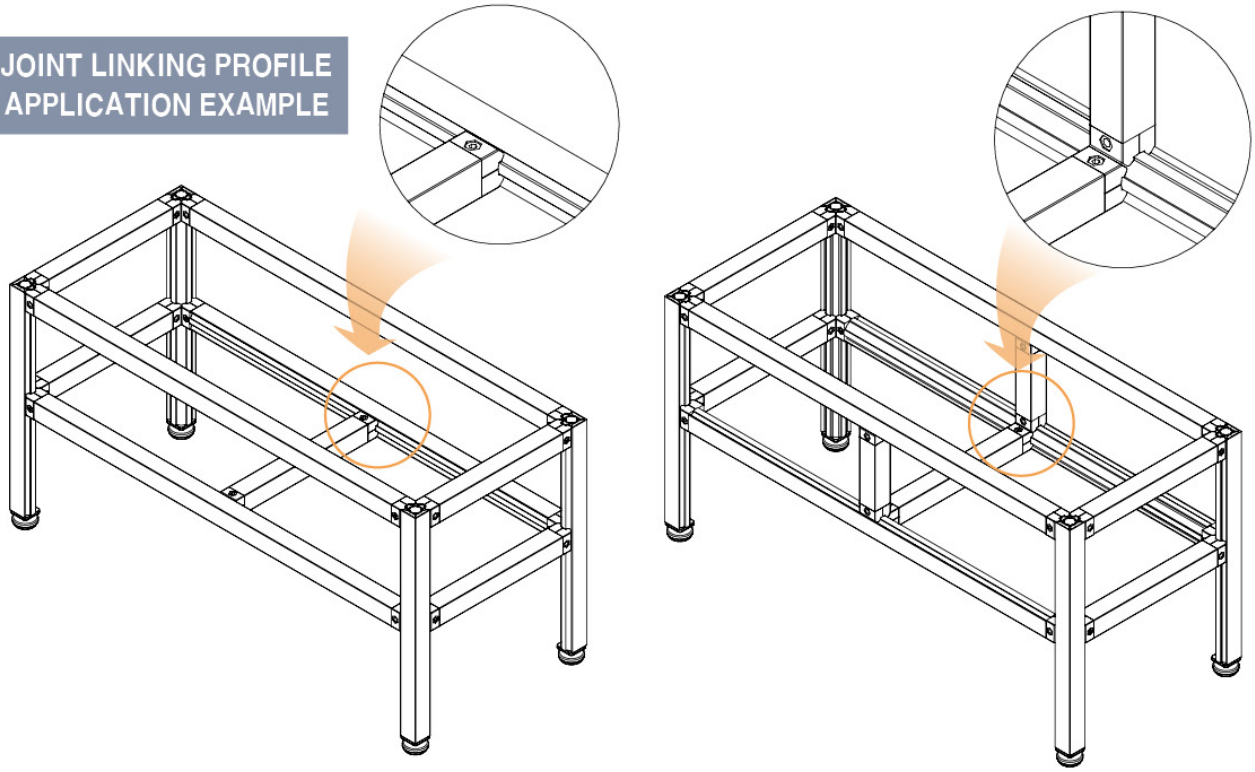


- Weight : 1.126 kg/m
- 4pcs/Bag, 110Bag/Pallet





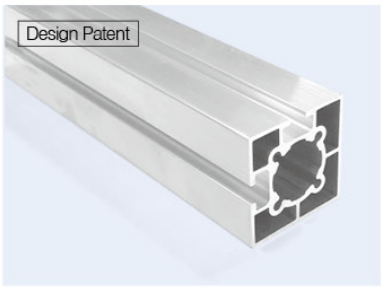
JOINT LINKING PROFILE APPLICATION EXAMPLE



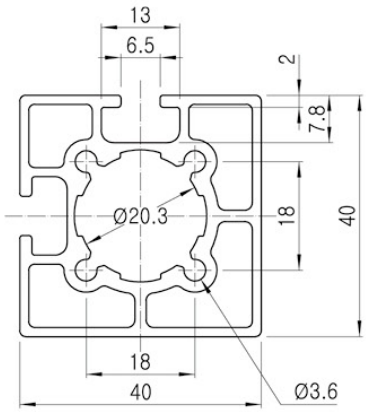
40X40 AL PROFILE RACKING SYSTEM

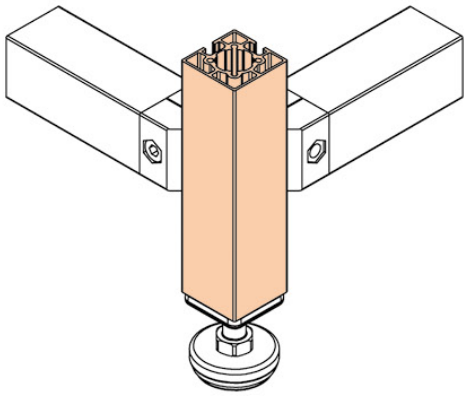
Unit : mm

AST4040A 90° 2-Way T-Groove Profile



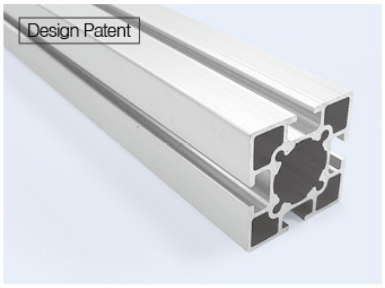
- Weight : 1.190 kg/m
- 4pcs/Bag, 110Bag/Pallet



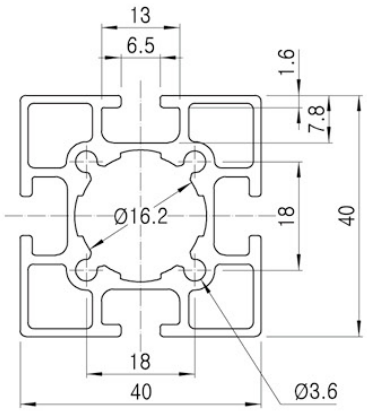


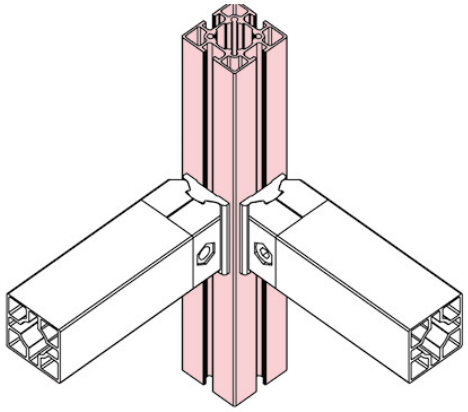
* Insert Nut : IN304~IN306
* Spring Nut : SN304~SN306

AST4040D 4-Way T-Groove Profile



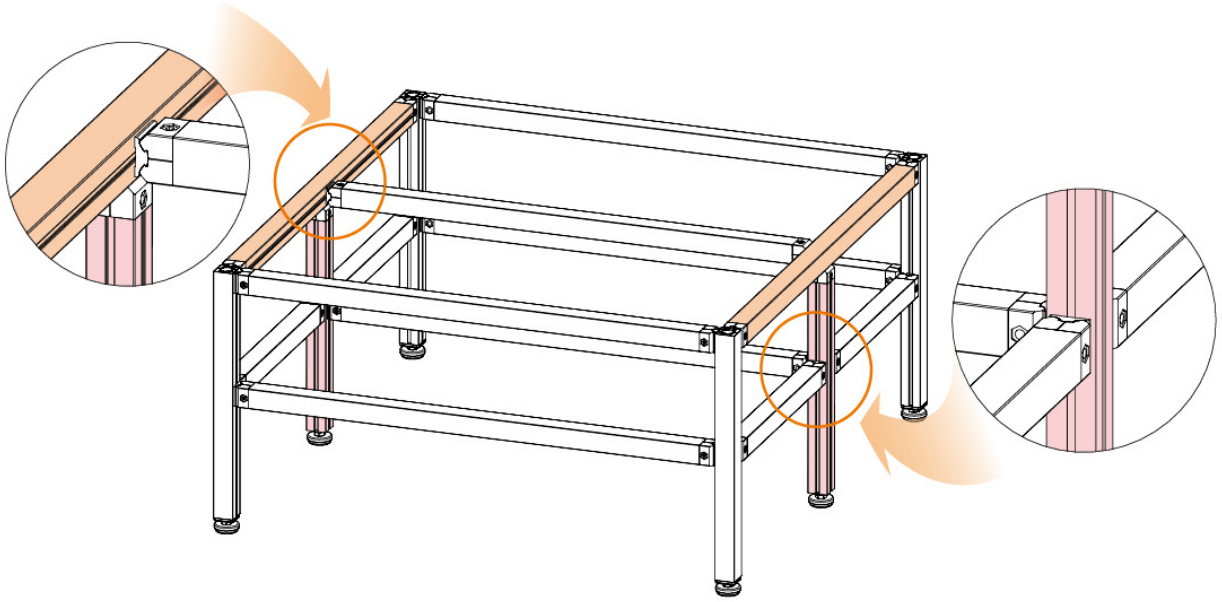
- Weight : 1.264 kg/m
- 4pcs/Bag, 110Bag/Pallet





* Insert Nut : IN304~IN306
* Spring Nut : SN304~SN306

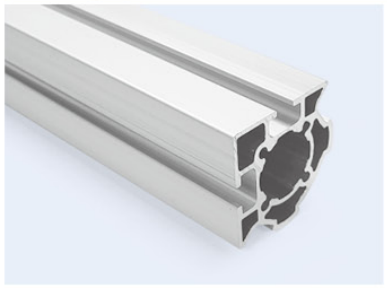
T-Groove Profile Application Example

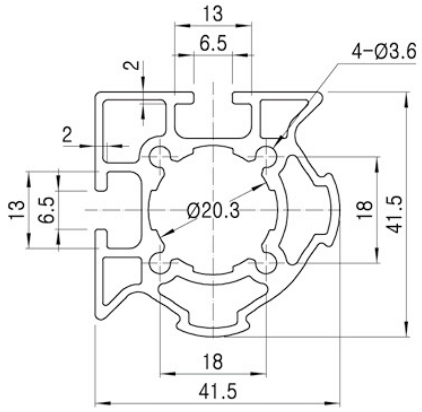


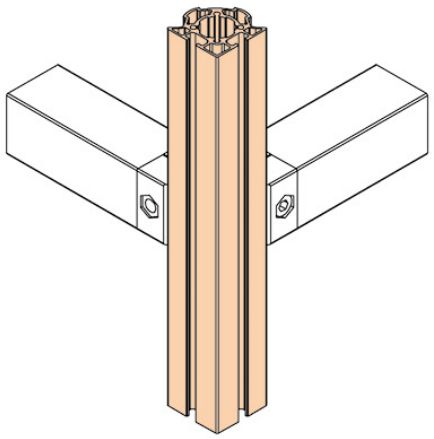
40X40 AL PROFILE RACKING SYSTEM

ASM4040A Combined 2 way Joint type for 2 way T hole

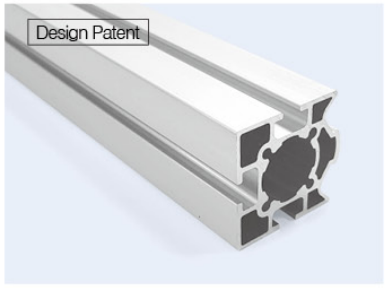
Unit : mm



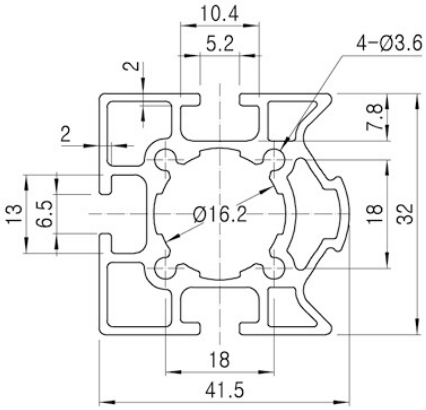


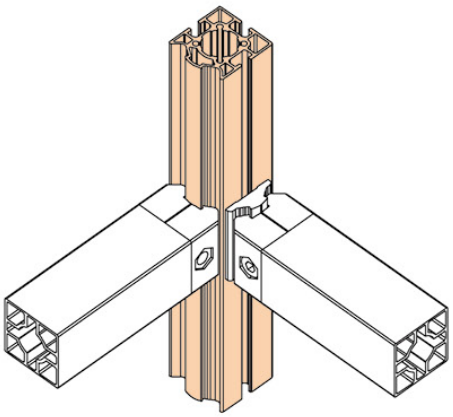


ASM4040C Combination Profile (3-Way T-Groove, 1-Way Joint Linking)

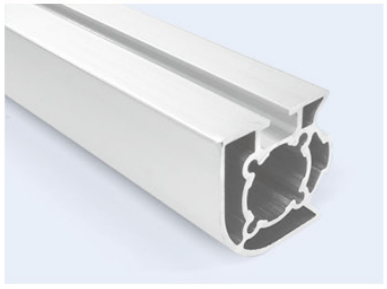


- Weight : 1.292 kg/m
- 4pcs/Bag, 110Bag/Pallet

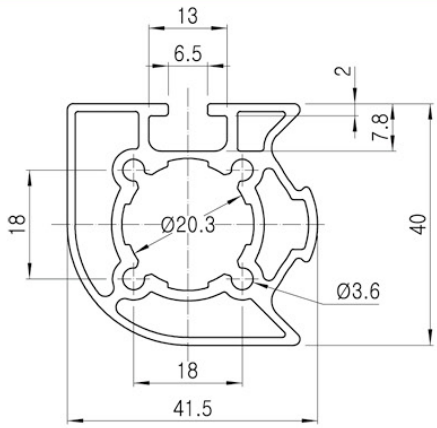


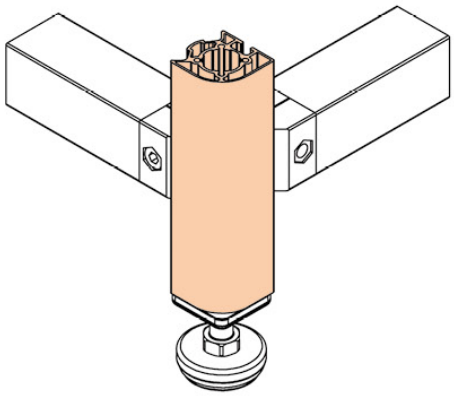


ASM4040R Corner Round Combination Profile (1-Way T-Groove, 1-Way Joint Linking)



- Weight : 1.169 kg/m
- 4pcs/Bag, 110Bag/Pallet





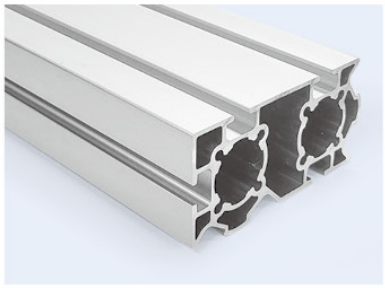
* Insert Nut : IN304~IN306
* Spring Nut : SN304~SN306

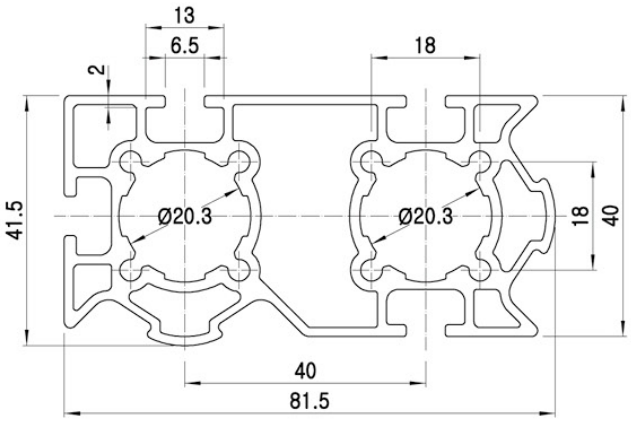
40X40 AL PROFILE RACKING SYSTEM

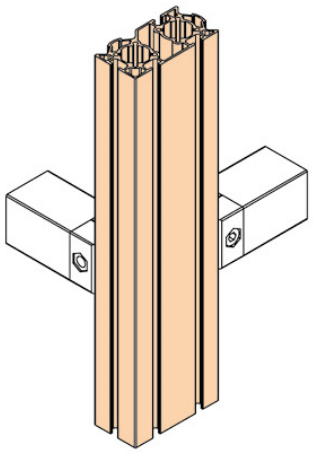
NEW

ASM4080A Combined 2 way Joint type for 4 way T hole

Unit : mm

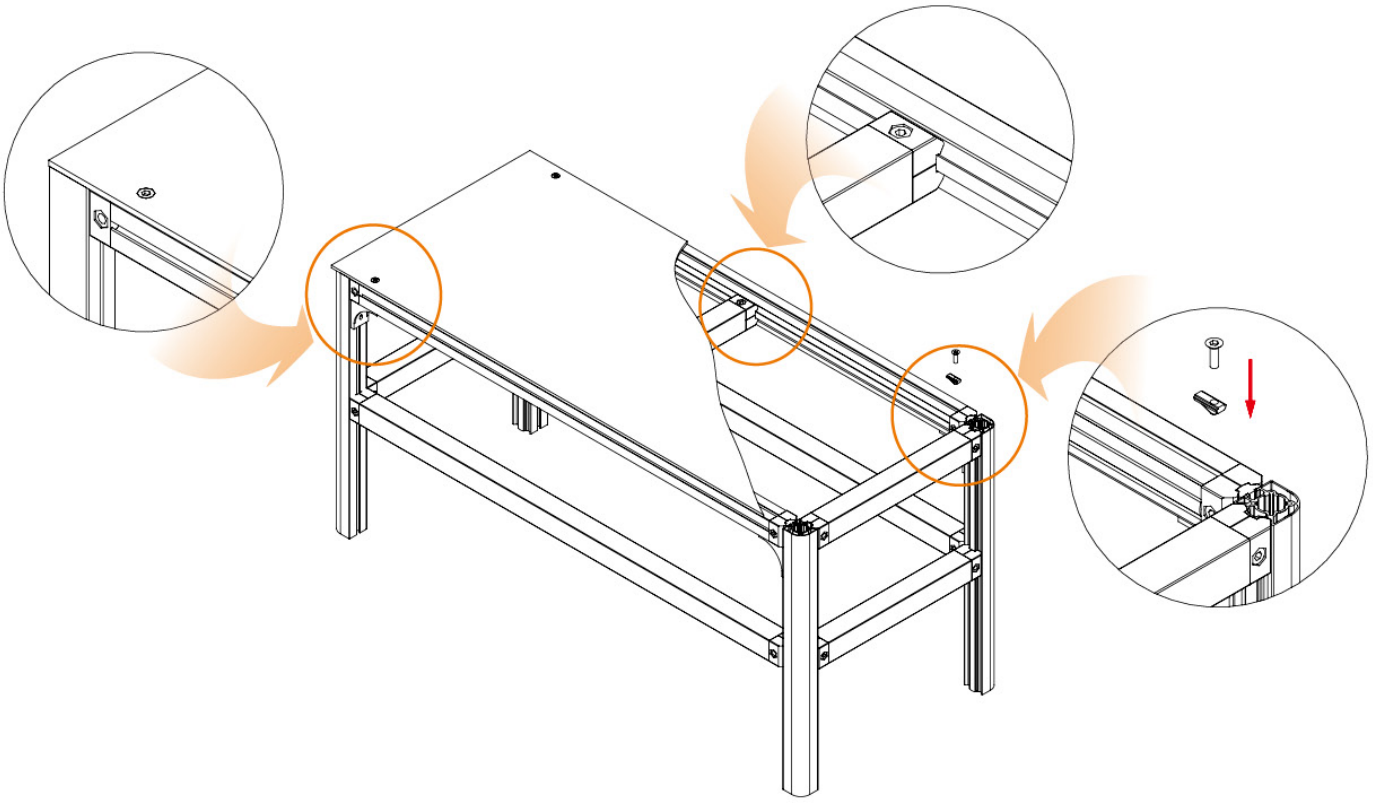






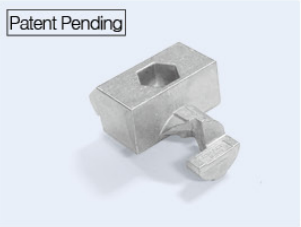
- Weight : 2.257 kg/m
- Q'ty/Bundle : 1pcs

Combination Profile Application Example

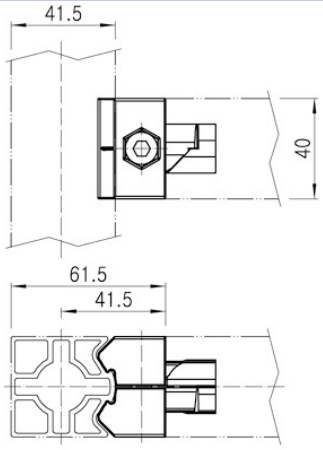


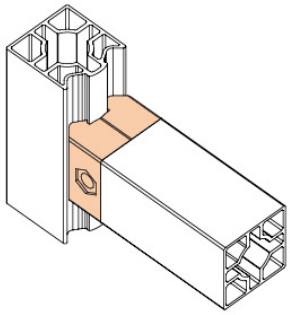
40x40 AL PROFILE JOINTS

D-001 Square Joint for 40x40









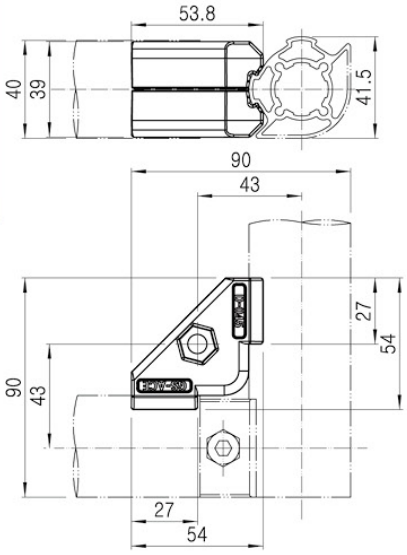
- Weight : 0.044kg
- Q'ty/Box : 120pcs

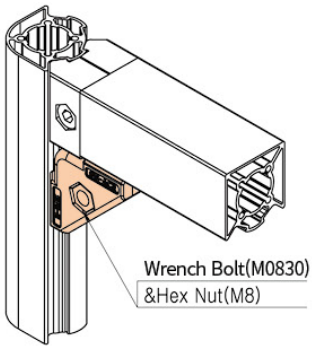
- D-001 : 2EA
- M0830/N08 : 1set
- Weight : 0.108kg
- Q'ty/Box : 60set

D-045 Corner Joint for 40x40









- Weight : 0.046kg
- Q'ty/Box : 80pcs

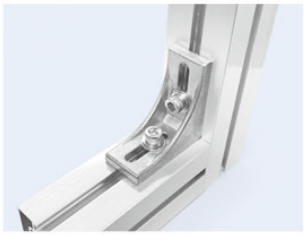
- D-045 : 2pcs
- M0830/N08 : 1set
- Weight : 0.113kg
- Q'ty/Box : 40set

40X40 AL PROFILE RACKING SYSTEM

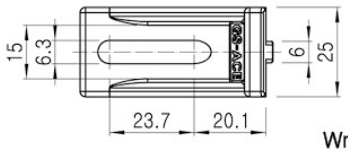
40x40 AL PROFILE ACCESSORIES

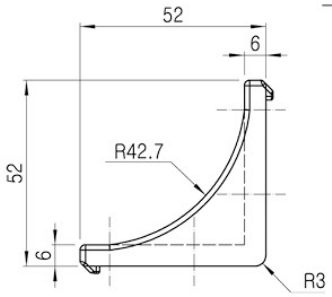
B-050A Corner Bracket for T-Groove Assembly (M6)

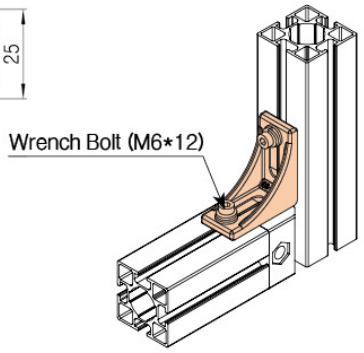




- Weight : 0.034kg
- Q'ty/Box : 100pcs



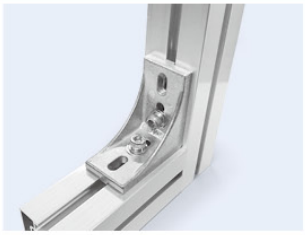




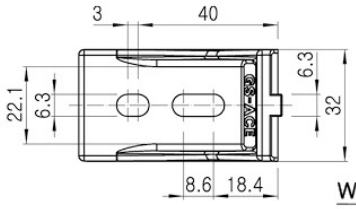
* Use M6*15 in case of using spring washer & plane washer

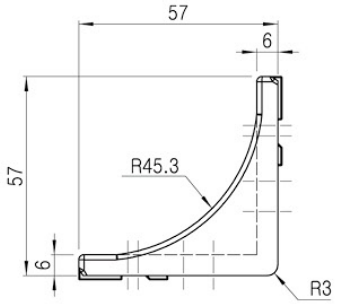
B-060A Corner Bracket for T-Groove Assembly (M6)

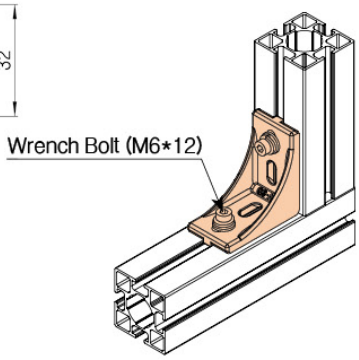




- Weight : 0.046kg
- Q'ty/Box : 60pcs

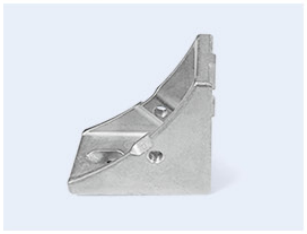


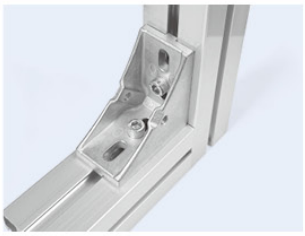




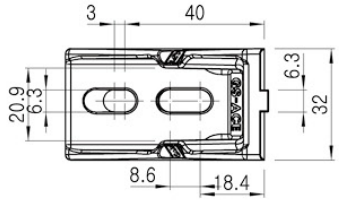
* Use M6*15 in case of using spring washer & plane washer

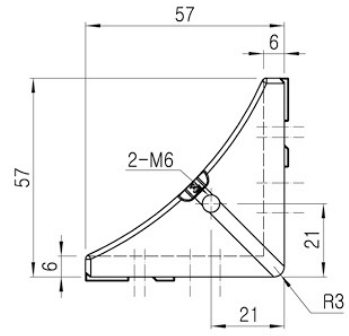
B-070A Corner Bracket for T-Groove Assembly (M6)

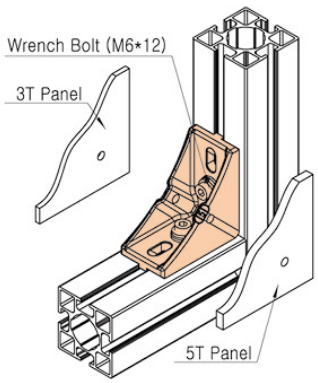




- Weight : 0.46kg
- Q'ty/Box : 60pcs



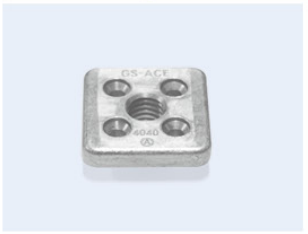




* Use M6*15 in case of using spring washer & plane washer

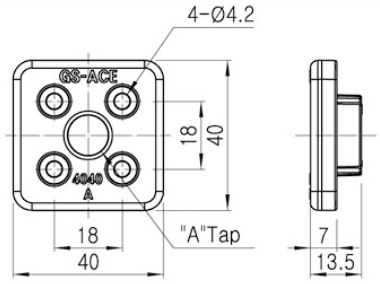
40X40 AL PROFILE RACKING SYSTEM

BA4040A/B Aluminum Bushing for 40x40

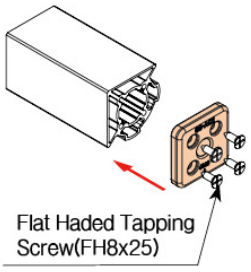




- Weight : 0.027kg
- Q'ty/Box : 200pcs

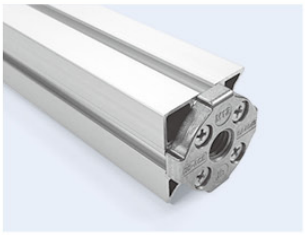


Part No.	"A" Tap	Remark
BA4040A	1/2"-12N	
BA4040B	M12-p1.75	

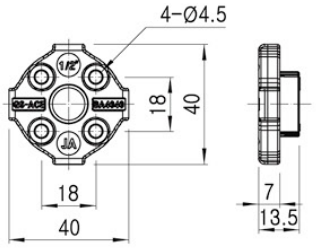


BA4040JA/JB/JE Aluminum Bushing for Ø40

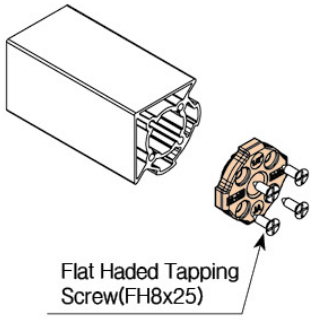




- Weight : 0.027kg
- Q'ty/Box : 200pcs

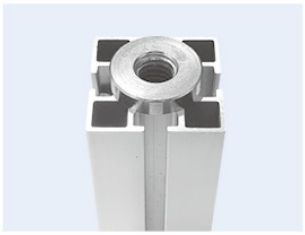


Part No.	"A" Tap	Remark
BA4040JA	1/2"-12N	
BA4040JB	M12-P1.75	
BA4040JE	M8-P1.25	

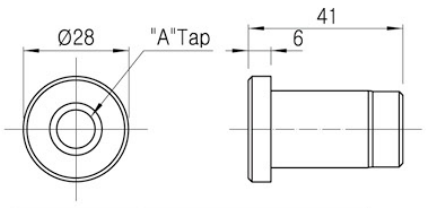


BA280LAN/LBN Metal Thread Insert for 40x40

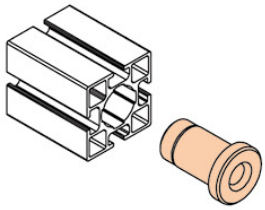




- Weight : 0.072kg
- Q'ty/Box : 160pcs



Part No.	"A" Tap	Remark
BA280LAN	1/2"	
BA280LBN	M12	

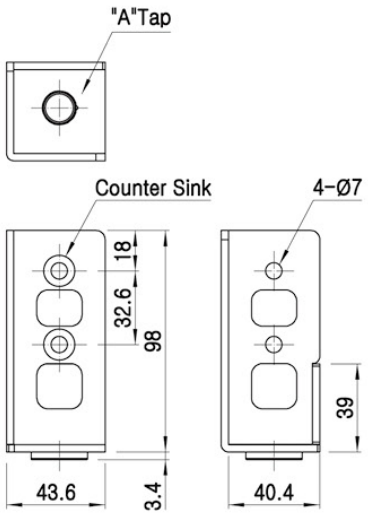


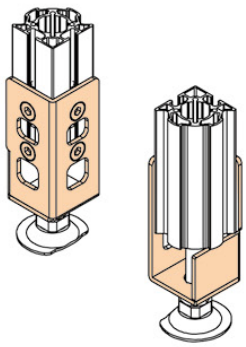
A40-310A/B Threaded Insert Bracket





- Weight : 0.236kg/m
- Q'ty/Bundle : 48pcs

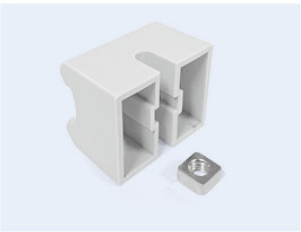


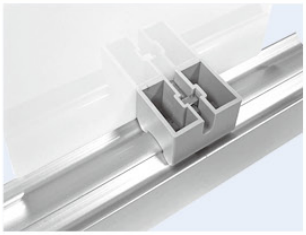


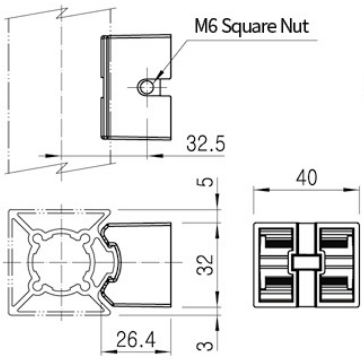
Part No.	"A"Tap	Remark
A40-310A	1/2"-12N	
A40-310B	M12-P1.75	

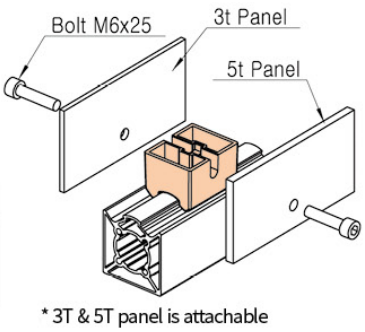
40X40 AL PROFILE RACKING SYSTEM

ABS-4040A Plastic Board Support for 40x40









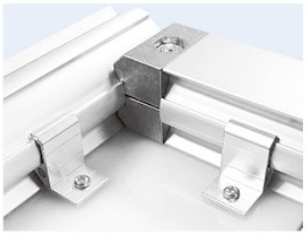
* 3T & 5T panel is attachable

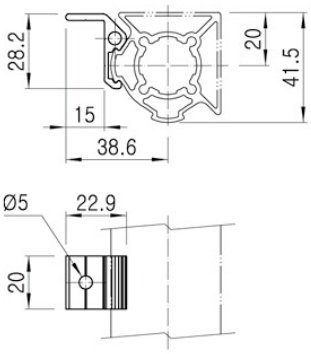
- Weight : 0.011kg
- Q'ty/Box : 600pcs

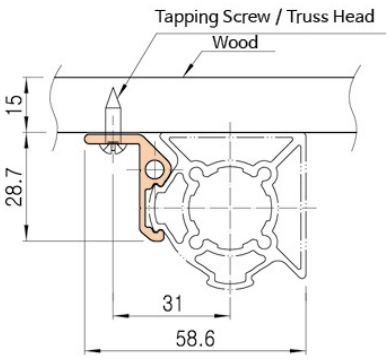
* M6 Square Nut sold separately

A40-N303 Board Support for 40x40



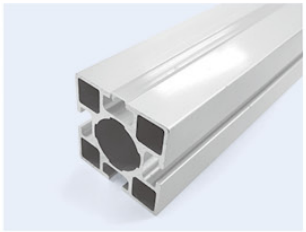


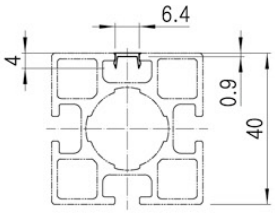


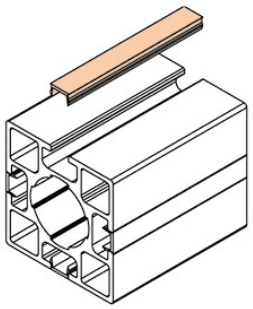


- Weight : 0.007kg
- Q'ty/Box : 400pcs

APC-40A Board Support





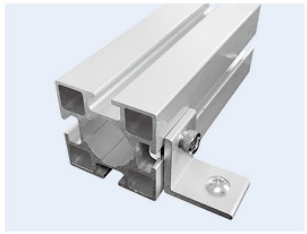


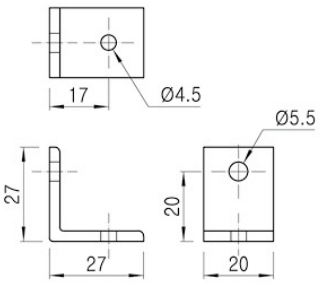
- Weight : 0.036kg/m
- Q'ty/Bundle : 100pcs

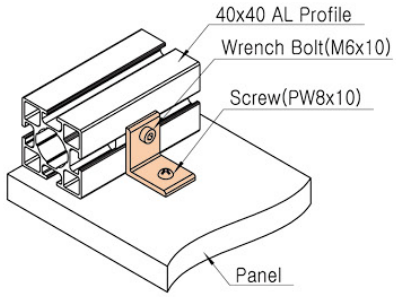
40X40 AL PROFILE RACKING SYSTEM

A40-304A Board Support





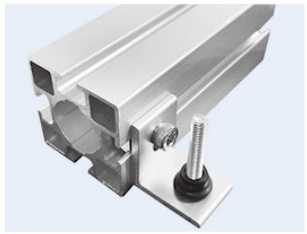


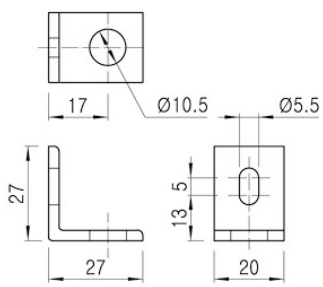


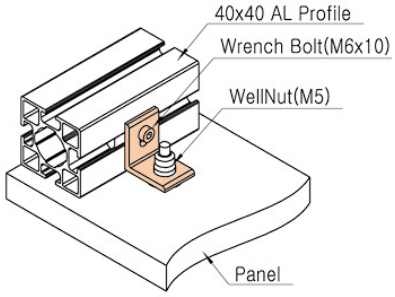
- Weight : 0.008kg
- Q'ty/Box : 600pcs

A40-305A Board Support





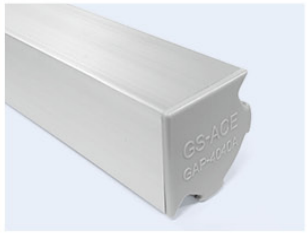


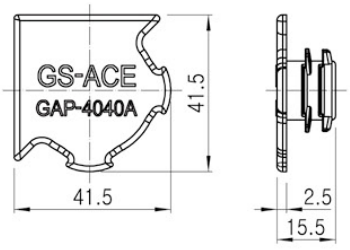


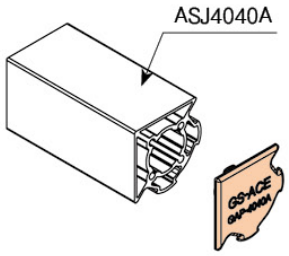
- Weight : 0.008kg
- Q'ty/Box : 600pcs

GAP-4040A Inner Cap for 40x40





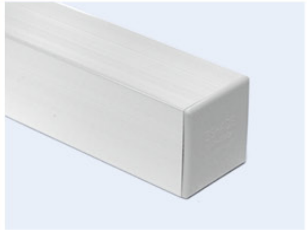


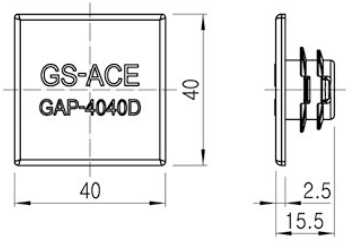


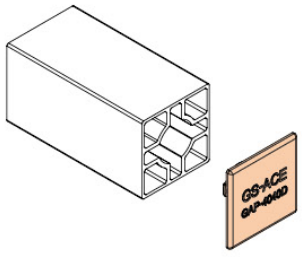
- Weight : 0.005kg
- Q'ty/Box : 1200pcs

GAP-4040D Inner Cap for 40x40





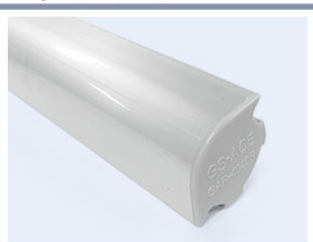


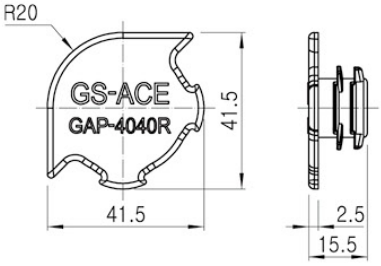


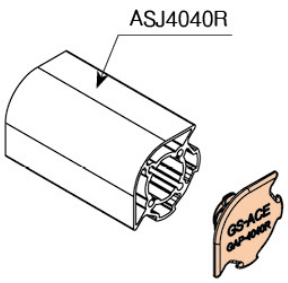
- Weight : 0.005kg
- Q'ty/Box : 1200pcs

GAP-4040R Inner Cap for 40x40





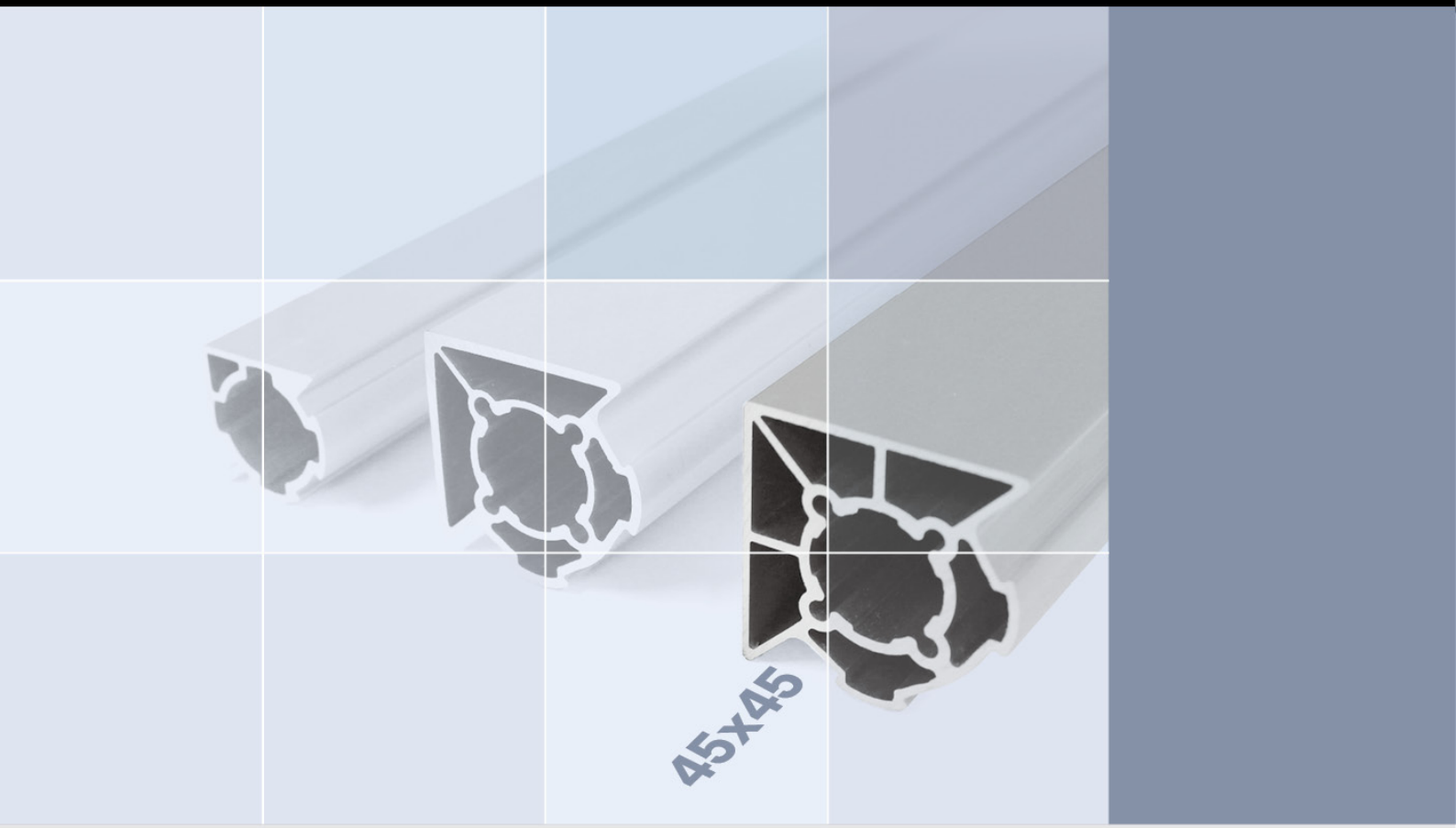




- Weight : 0.005kg
- Q'ty/Box : 1200pcs

G.S.ACE INDUSTRY CO., LTD.

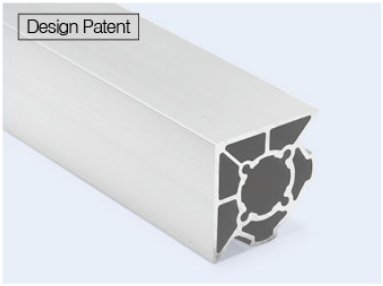
45X45 AL PROFILE



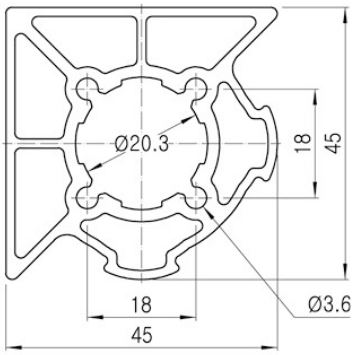
- 45x45 AL PROFILES
- 45x45 AL PROFILE JOINTS
- 45x45 AL PROFILE ACCESSORIES

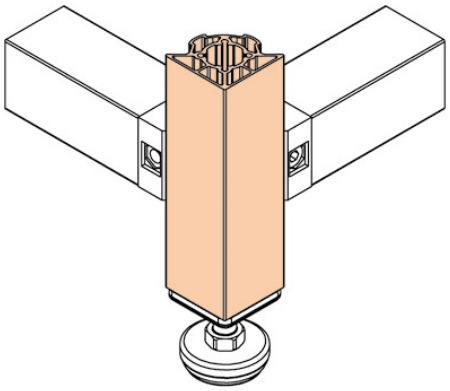
45x45 AL PROFILES

ASJ4545A 90° 2-Way Joint Linking Profile

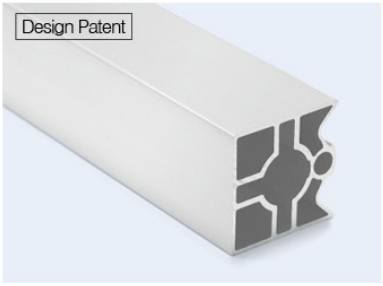


- Weight : 1.320 kg/m
- 4pcs/Bag, 90Bag/Pallet

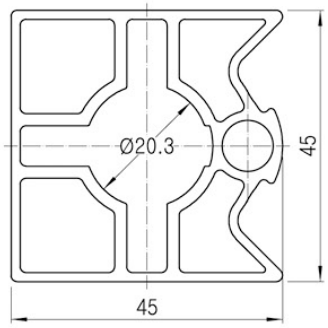


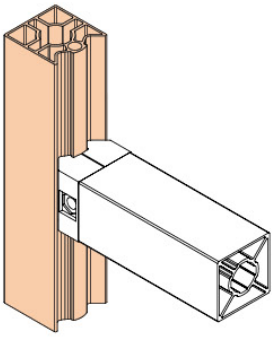


ASJ4545C 1-Way Joint Linking Profile

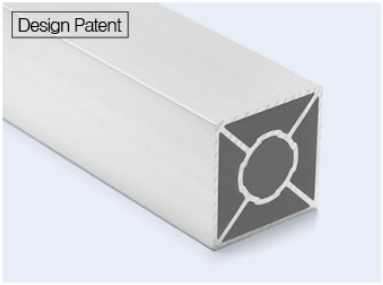


- Weight : 1.412 kg/m
- 4pcs/Bag, 90Bag/Pallet

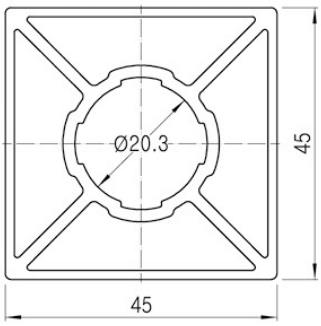


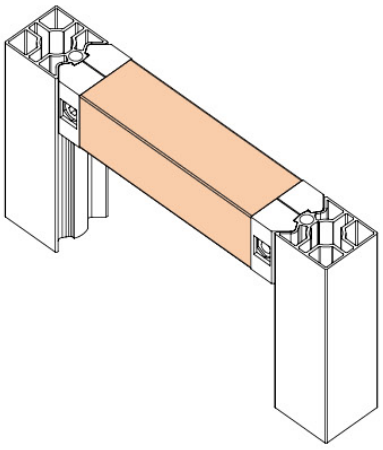


ASJ4545D Profile to Prevent Foreign Particles from Entering



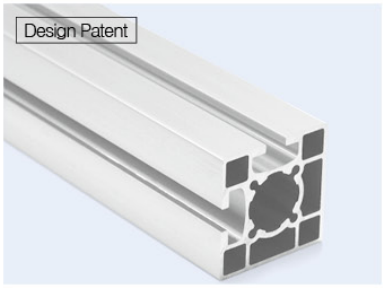
- Weight : 1.495 kg/m
- 4pcs/Bag, 90Bag/Pallet



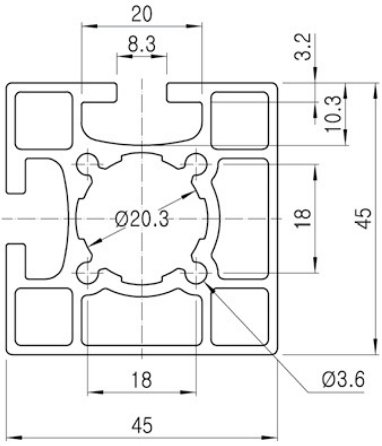


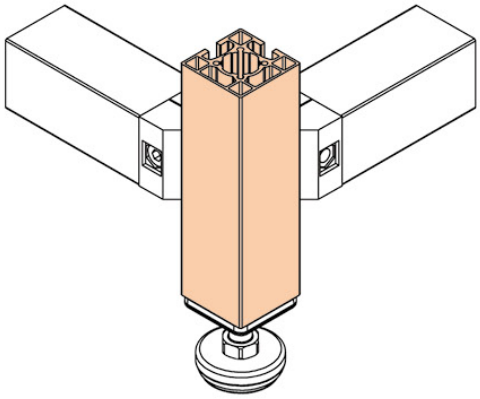
45X45 AL PROFILE RACKING SYSTEM

AST4545A 90° 2-Way T-Groove Profile



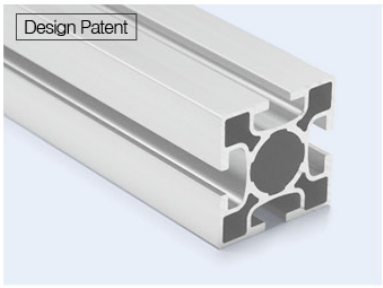
- Weight : 1.513 kg/m
- 4pcs/Bag, 90Bag/Pallet



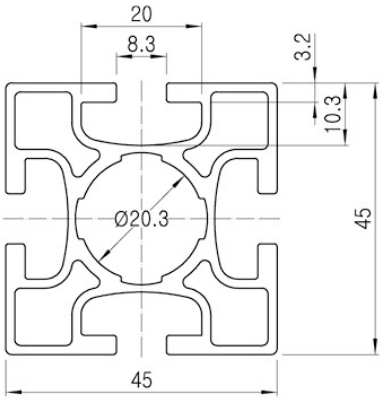


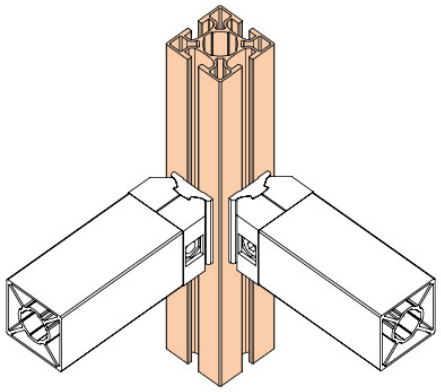
* Insert Nut : IN404~IN408
* Spring Nut : SN404~SN408

AST4545D 4-Way T-Groove Profile



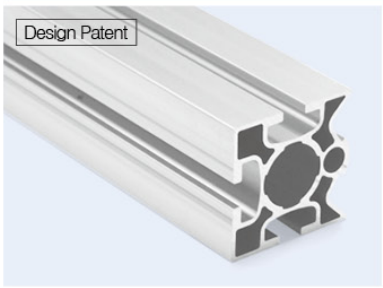
- Weight : 1.607 kg/m
- 4pcs/Bag, 90Bag/Pallet



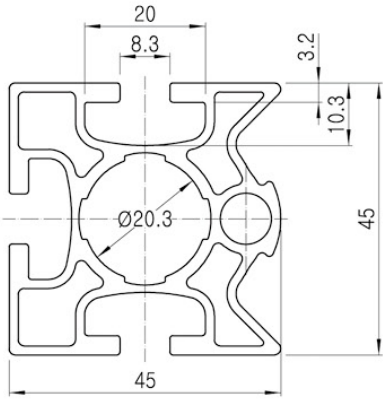


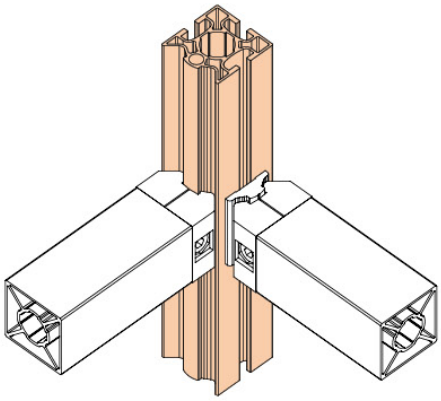
* Insert Nut : IN404~IN408
* Spring Nut : SN404~SN408

ASM4545C Combination Profile (3-Way T-Groove, 1-Way Joint Linking)



- Weight : 1.595 kg/m
- 4pcs/Bag, 90Bag/Pallet

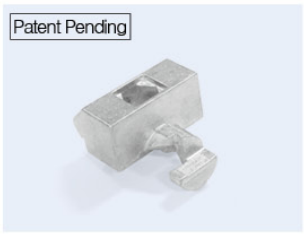




* Insert Nut : IN404~IN408
* Spring Nut : SN404~SN408

45x45 AL PROFILE JOINTS

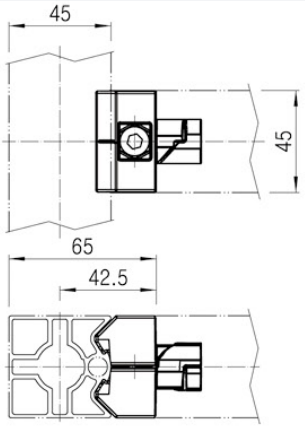
E-001 Square Joint for 45x45

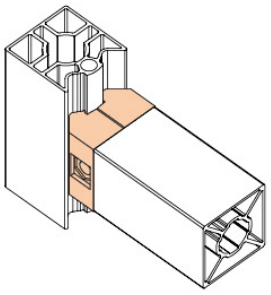




- Weight : 0.050kg
- Q'ty/Box : 100pcs

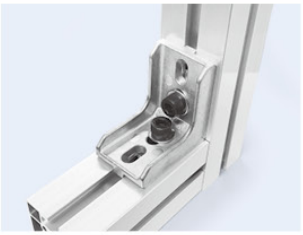
- E-001 : 2EA
- M0830/N08 : 1set
- Weight : 0.120kg
- Q'ty/Box : 50set



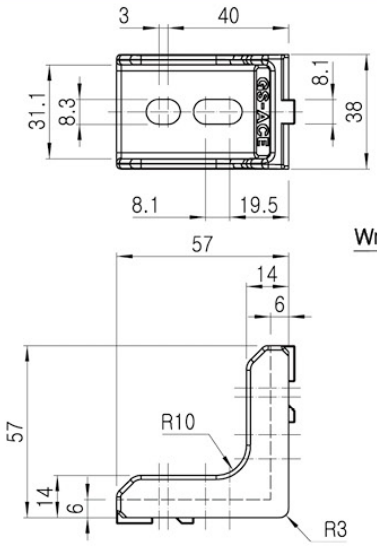


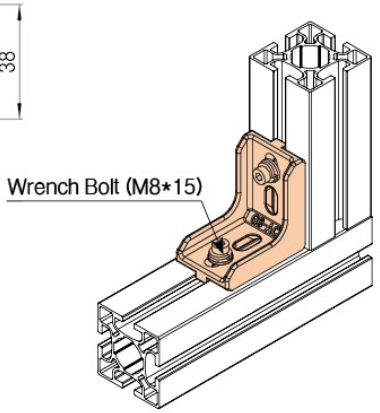
B-080A Corner Bracket for T-Groove Assembly (M8)





- Weight : 0.062kg
- Q'ty/Box : 40pcs





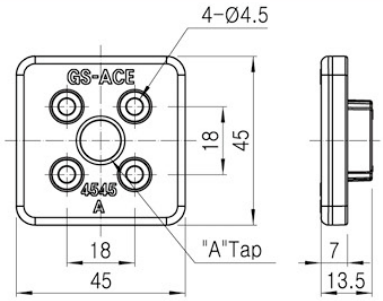
45X45 AL PROFILE RACKING SYSTEM

45x45 AL PROFILE ACCESSORIES

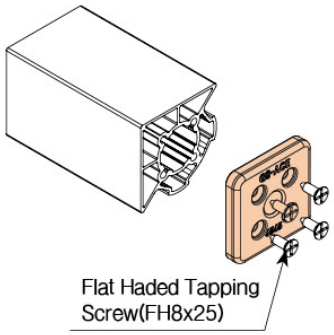
BA4545A/B Aluminum Bushing for 45x45



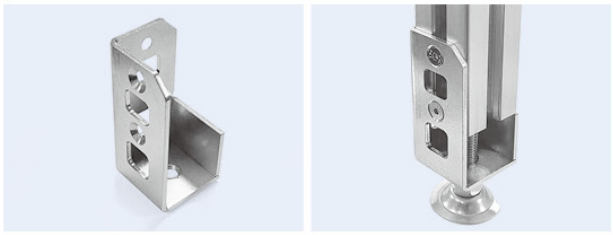
- Weight : 0.034kg
- Q'ty/Box : 200pcs



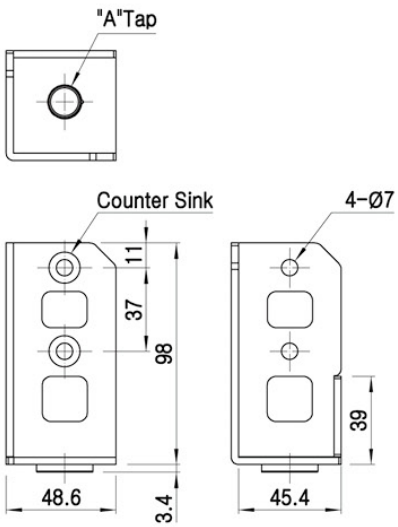
Part No.	"A" Tap	Remark
BA4545A	1/2"-12N	
BA4545B	M12-p1.75	

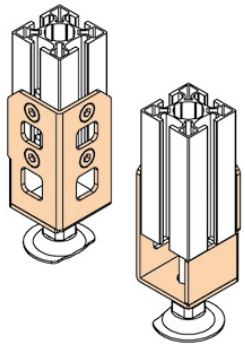


NEW A45-310A/B Threaded Insert Bracket



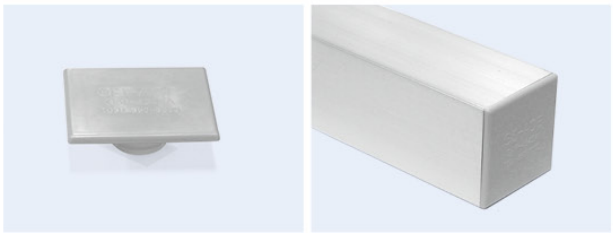
- Weight : 0.272kg
- Q'ty/Box : 20pcs



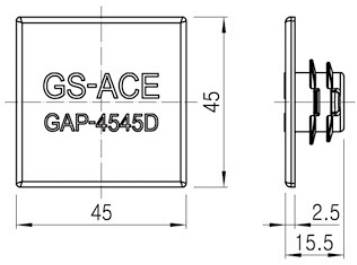


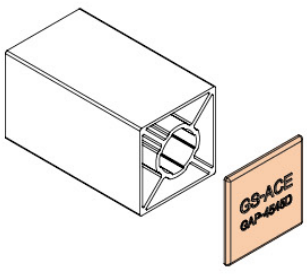
Part No.	"A"Tap	Remark
A45-310A	1/2"-12N	
A45-310B	M12-P1.75	

GAP-4545D Inner Cap for 45x45

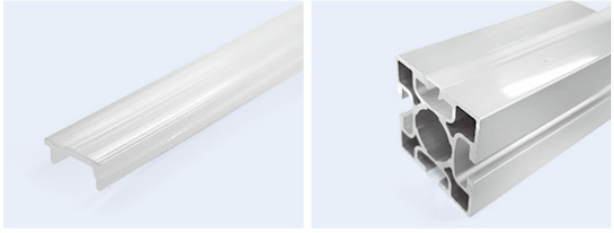


- Weight : 0.006kg
- Q'ty/Box : 1200pcs

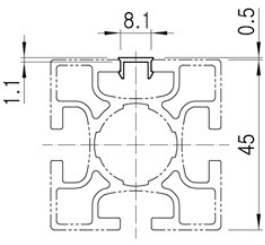


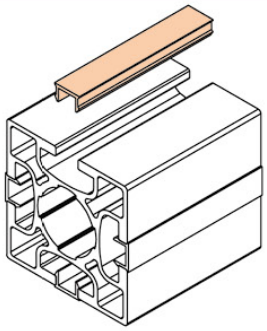


APC-45A Slot Cover for 45x45



- Weight : 0.045kg/m
- Q'ty/Bundle : 100pcs





G.S.ACE INDUSTRY CO., LTD.

QUICK JOINT RACKING SYSTEM



QUICK JOINT RACKING SYSTEM

Characteristic of Aluminum Quick Joint Racking System

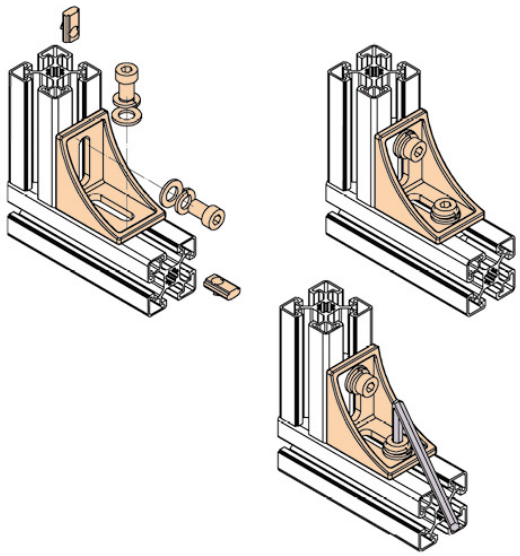
25% assembly time reduction

Easy assembly than other Profile Bracket
(Improve Work efficiency for simple & quick connection without additional parts & process)

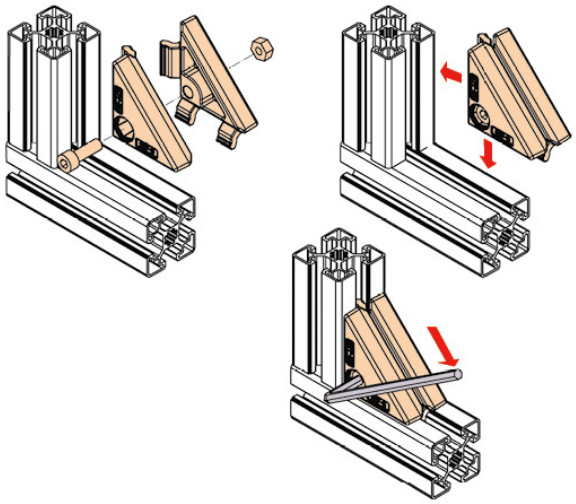
Common assembly for 8mm, 10mm Slot

Common assembly for even different T hole

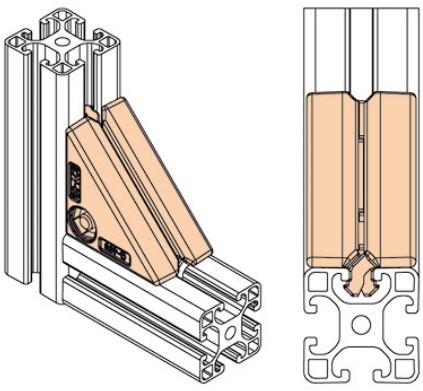
EXISTING PROFILE ASSEMBLY



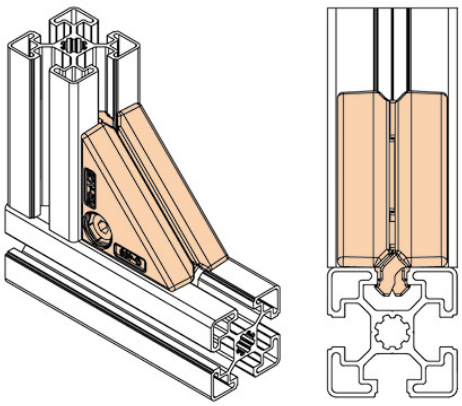
PROFILE ASSEMBLY



8mm T hole assembly



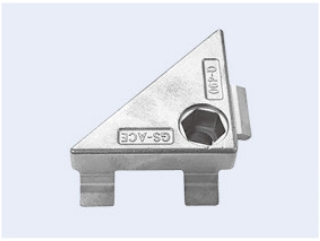
10mm T hole assembly



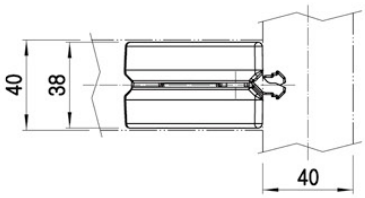
40X40 & 45X45 ALL Possible to use whole Profile for 8mm/10mm Slot

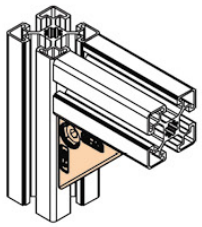
QUICK JOINT RACKING SYSTEM

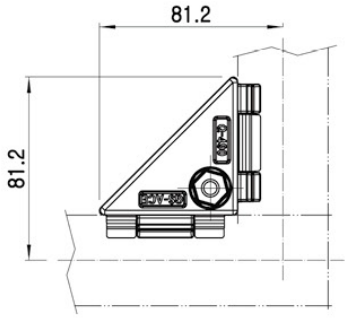
Q-490 90° Quick Joint ALL Possible to use all kinds of Profile







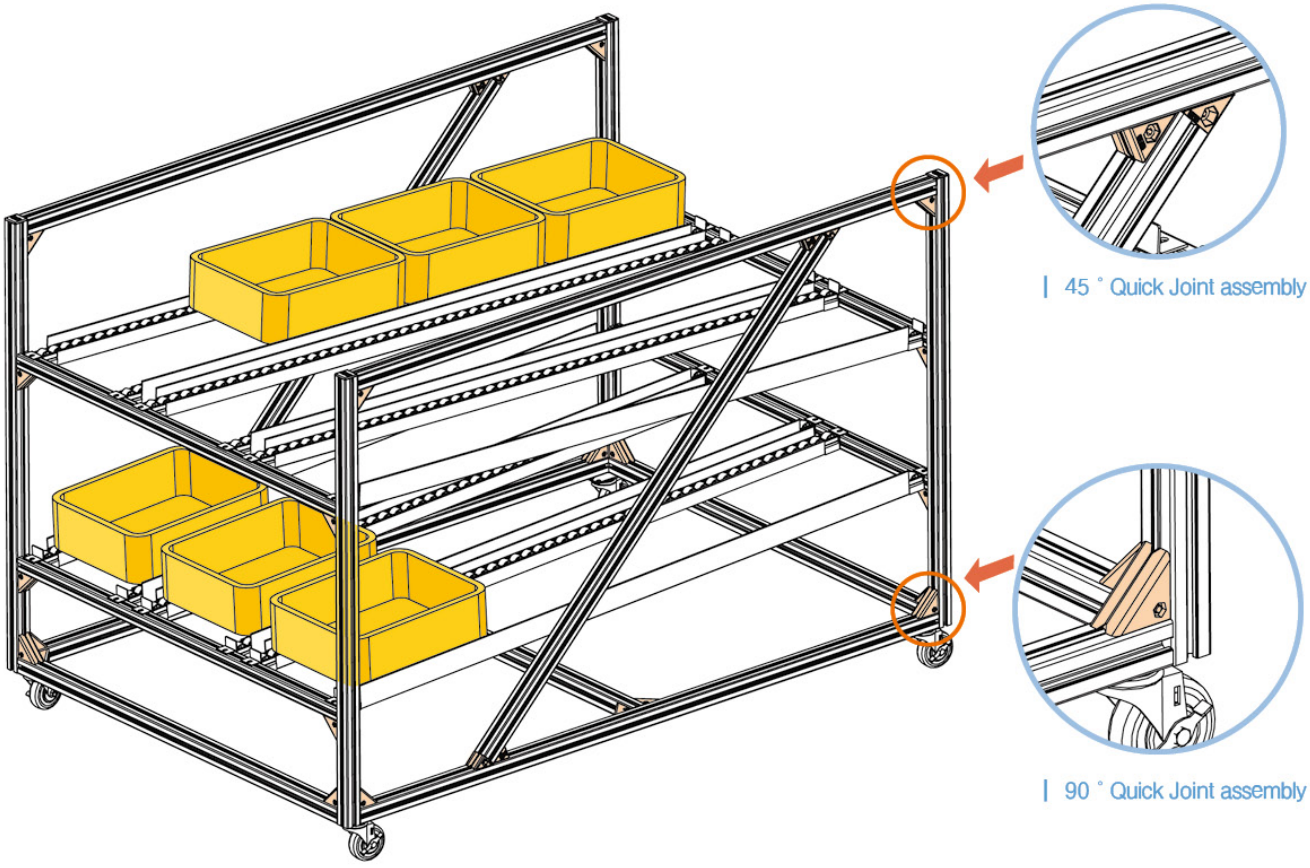




- Weight: 0.076kg
- Q'ty/Box : 60pcs

- Q-490 : 2pcs
- M0825/N08 : 1set
- Weight: 0.170kg
- Q'ty/Box : 30set

EXAMPLE OF USING QUICK JOINT



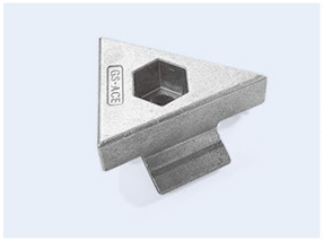
| 45 ° Quick Joint assembly

| 90 ° Quick Joint assembly

QUICK JOINT RACKING SYSTEM

Q-445 45° Quick Joint

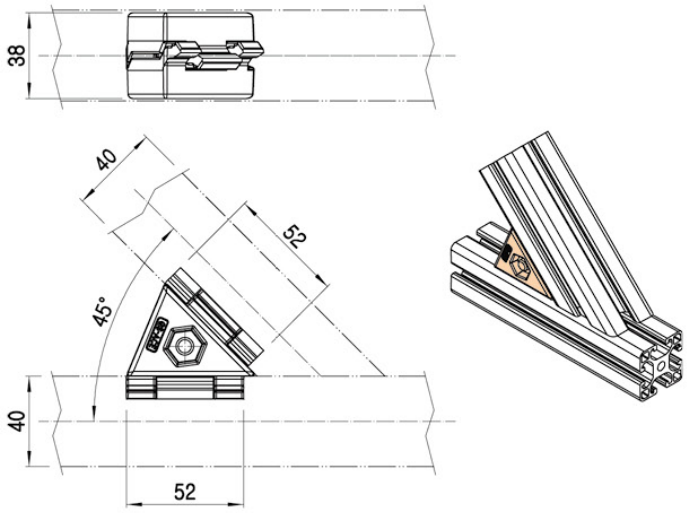
ALL Possible to use all kinds of Profile





- Weight : 0.076kg
- Q'ty/Box : 80pcs

- Q-445 : 2pcs
- M0825/N08 : 1set
- Weight : 0.121kg
- Q'ty/Box : 40set



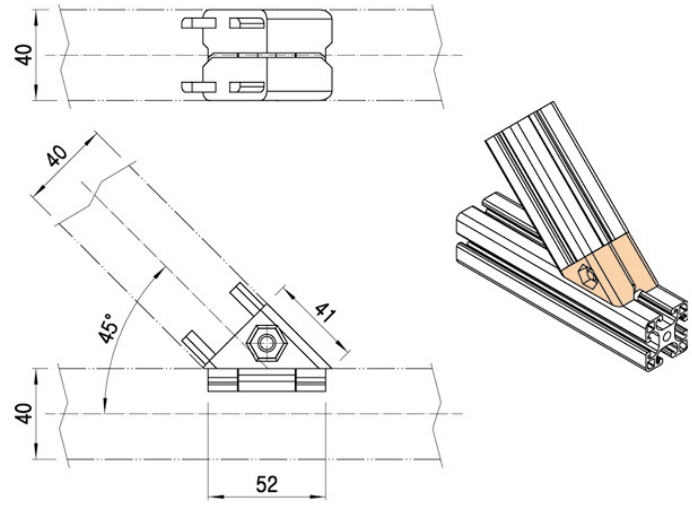
Q-413L / R 45 ° Quick Joint (Only 40X40)





- Weight : 0.037kg
- Q'ty/Box : 120pcs

- Q-413L/R : 1set
- M0825/N08 : 1set
- Weight : 0.095kg
- Q'ty/Box : 60set



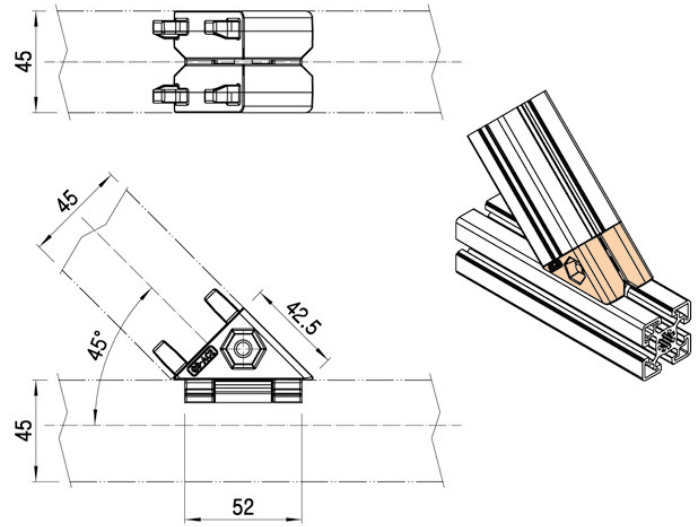
Q-513L/R 45 ° Quick Joint (Only 45X45)



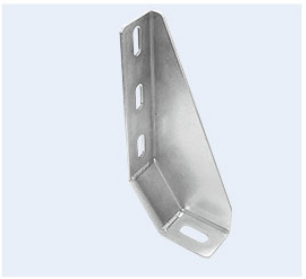


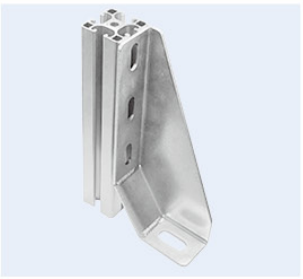
- Weight : 0.076kg
- Q'ty/Box : 80pcs

- Q-513L/R : 1set
- M0825/N08 : 1set
- Weight : 0.125kg
- Q'ty/Box : 40set

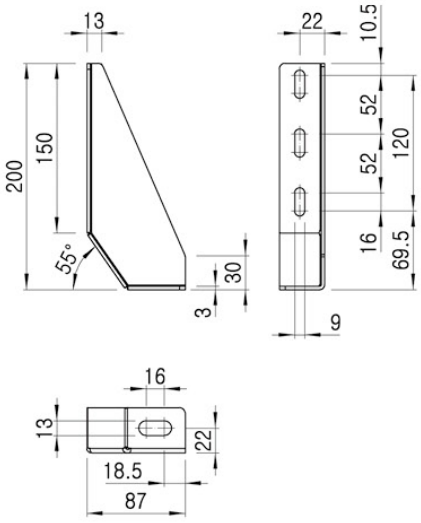


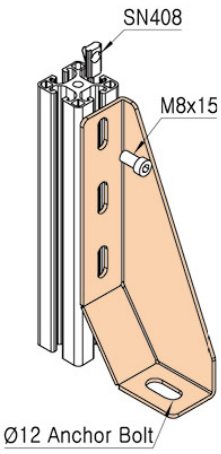
NEW A40-306A Foundation Bracket



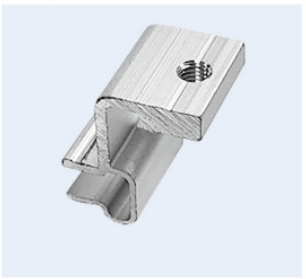


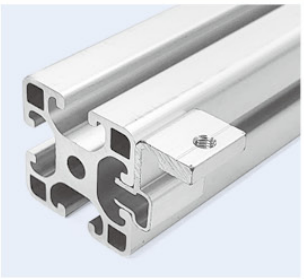
- Weight : 0.432kg
- Q'ty/Box : 40pcs



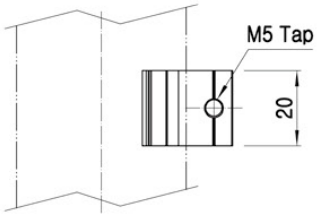


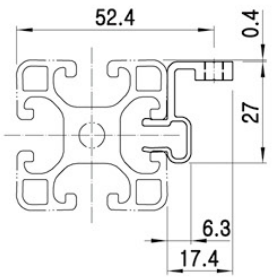
NEW A40-309A Aluminum Panel Bracket (Only 40X40)

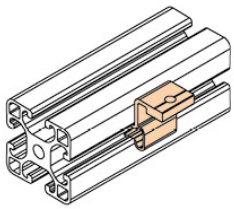




- Weight : 0.007kg
- Q'ty/Box : 400pcs





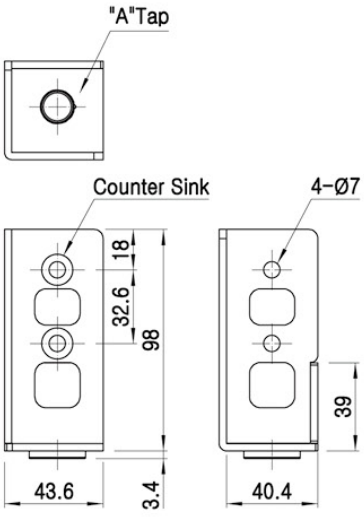


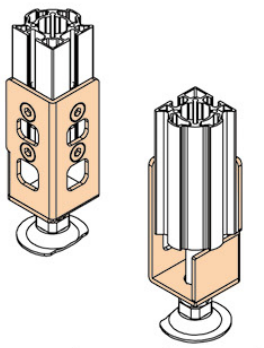
NEW A40-310A/B Threaded Insert Bracket (Only 40X40)





- Weight : 0.236kg/m
- Q'ty/Bundle : 48pcs

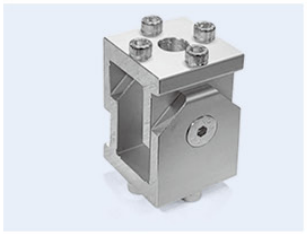


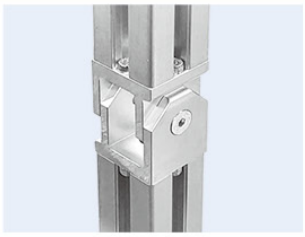


Part No.	"A"Tap	Remark
A40-310A	1/2"-12N	
A40-310B	M12-P1.75	

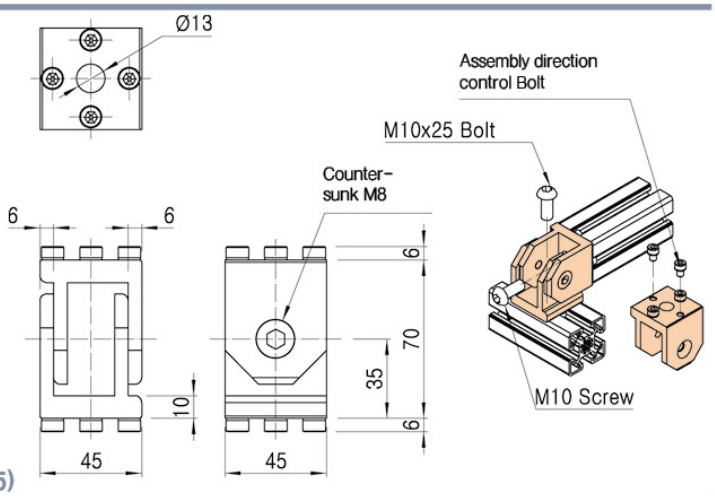
NEW

A45-A301 Aluminum Pivot Joint (Only 45X45)



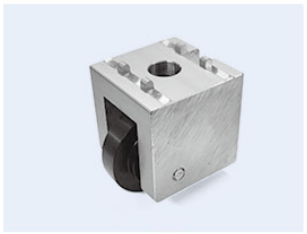


- Weight : 0.252kg
- Q'ty/Box : 30pcs



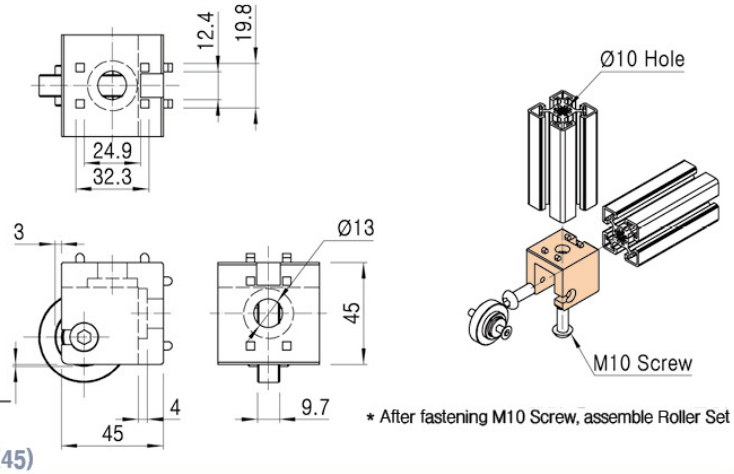
NEW

A45-A302 Sliding Door Guide Ass'y (Only 45X45)





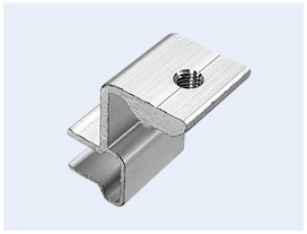
- Weight : 0.190kg
- Q'ty/Box : 50pcs

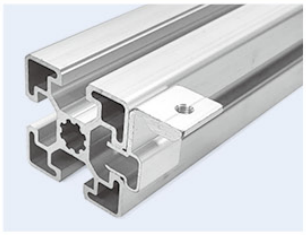


* After fastening M10 Screw, assemble Roller Set

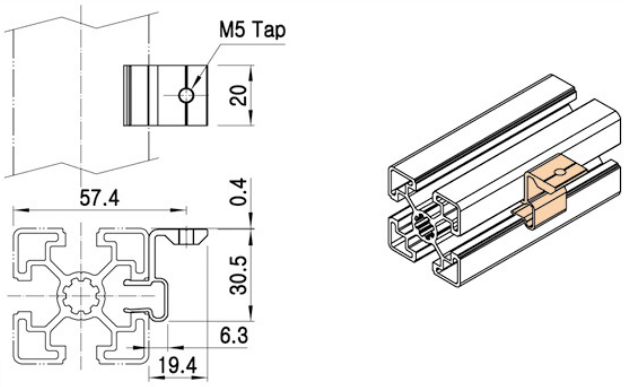
NEW

A45-309A Aluminum Panel Bracket (Only 45X45)





- Weight : 0.008kg
- Q'ty/Box : 400pcs



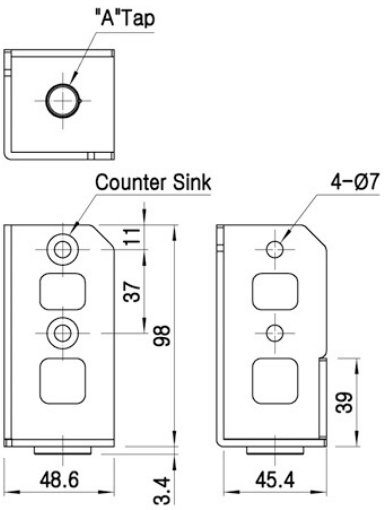
NEW

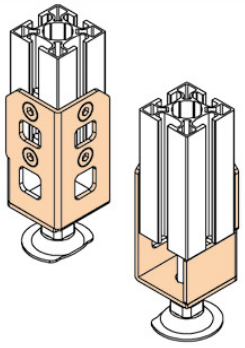
A45-310A/B Threaded Insert Bracket (Only 45X45)





- Weight : 0.236kg
- Q'ty/Box : 48pcs

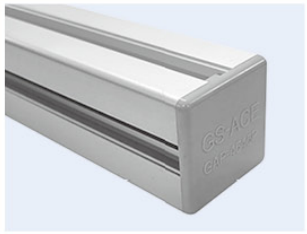


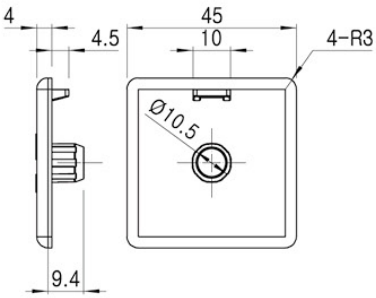


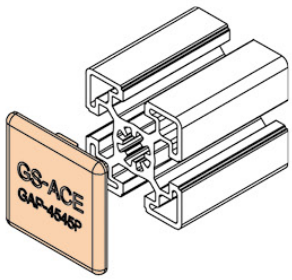
Part No.	"A"Tap	Remark
A45-310A	1/2"-12N	
A45-310B	M12-P1.75	

NEW GAP-4545P Inner Cap (Only 45X45)



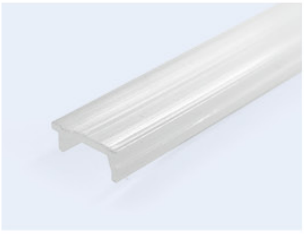


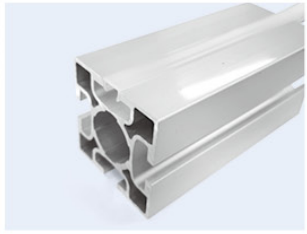


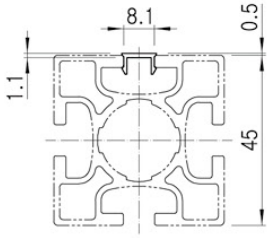


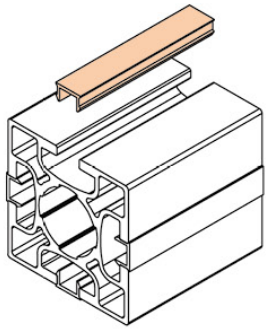
- Weight : 0.37kg
- Q'ty/Box : 120pcs

APC-45A Slot Cover for 45x45





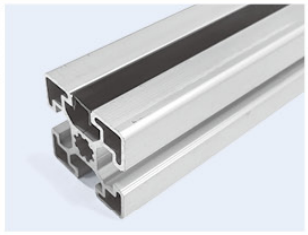


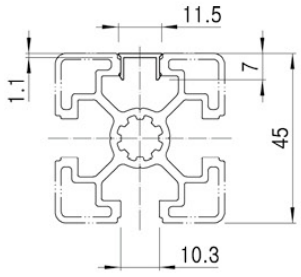


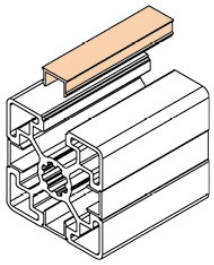
- Weight : 0.045kg/m
- Q'ty/Bundle : 100pcs
- Standard supply length

NEW APC-50A Groove Cover (Only 10mm T-Slot)





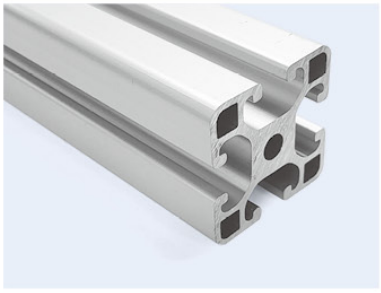




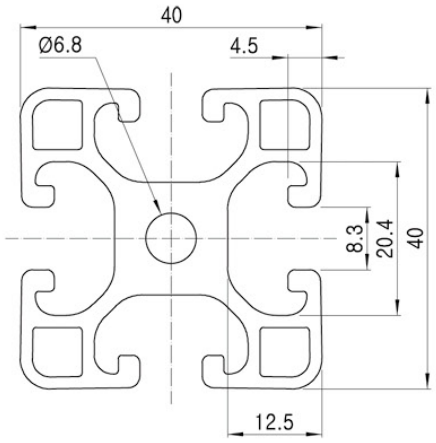
- Weight : 0.024kg/m
- Q'ty/Bundle : 50pcs
- Standard supply length

QUICK JOINT RACKING SYSTEM

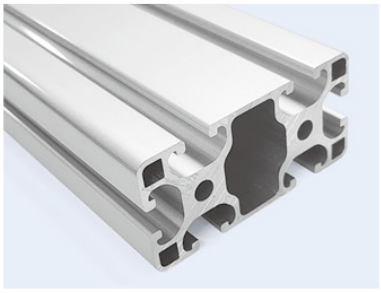
P4040A 40X40 Aluminum Profile



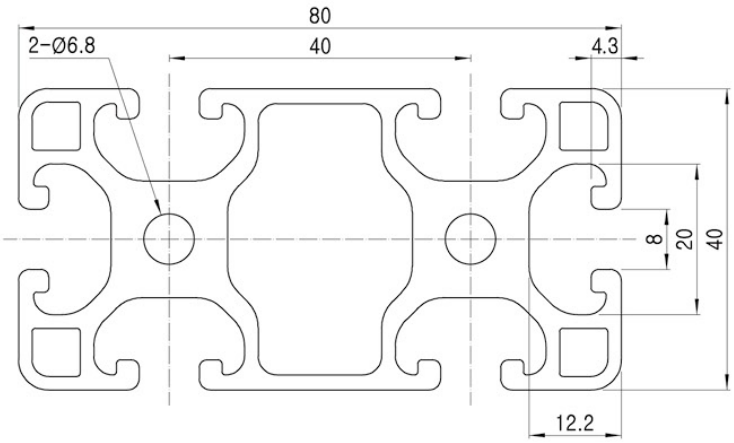
- Weight : 1.607kg/m
- Supply length : 4MT/6MT



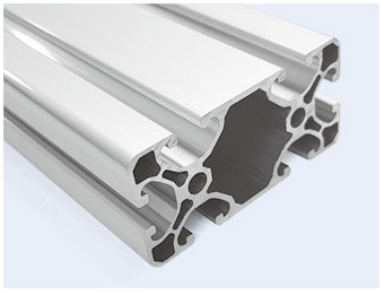
NEW P4080A 40X80 Aluminum Profile



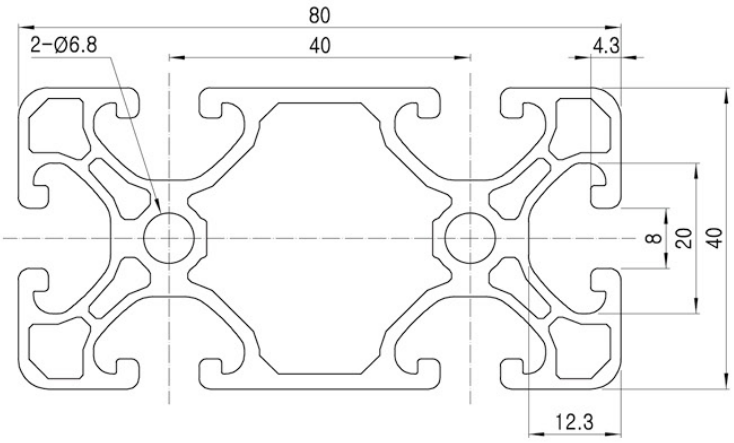
- Weight : 3.076kg/m
- Supply length : 4MT/6MT



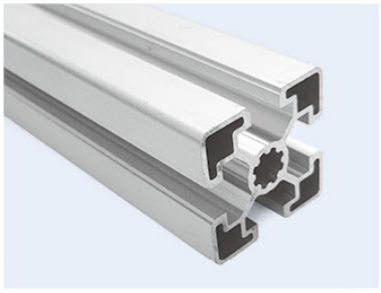
NEW P4080B 40X80 Aluminum Profile



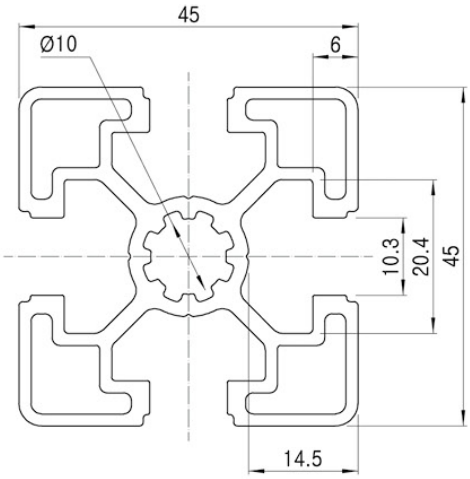
- Weight : 2.443kg/m
- Supply length : 4MT/6MT



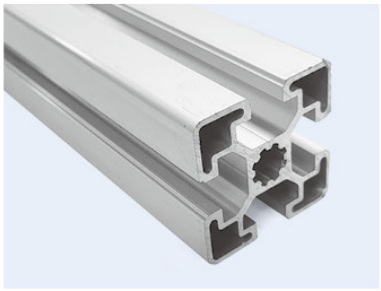
P4545A 45X45 Aluminum Profile



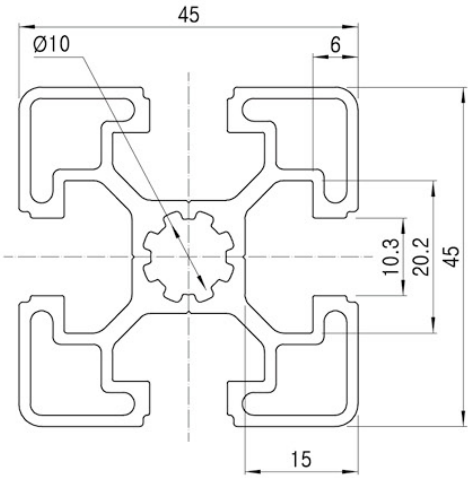
- Weight : 1.554kg/m
- Supply length : 4MT/6MT



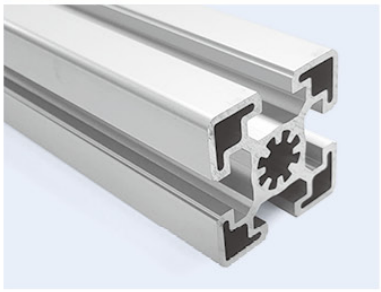
P4545B 45X45 Aluminum Profile



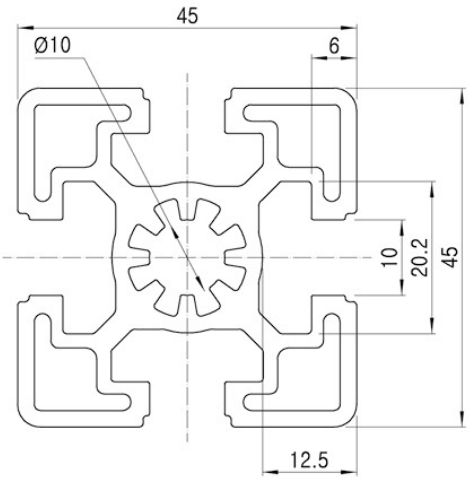
- Weight : 1.497kg/m
- Supply length : 4MT/6MT



P4545C 45X45 Aluminum Profile

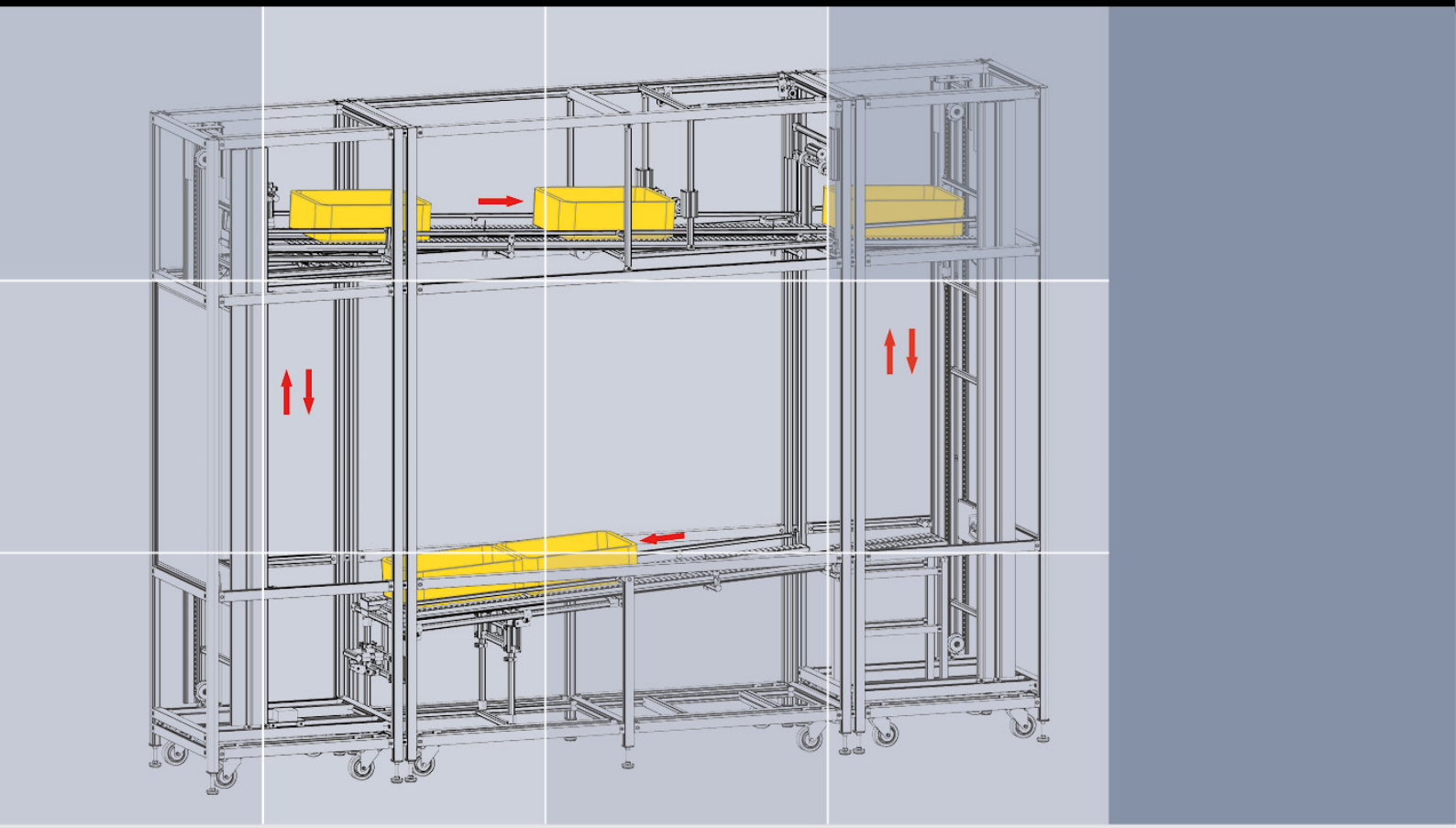


- Weight : 2.010kg/m
- Supply length : 4MT/6MT

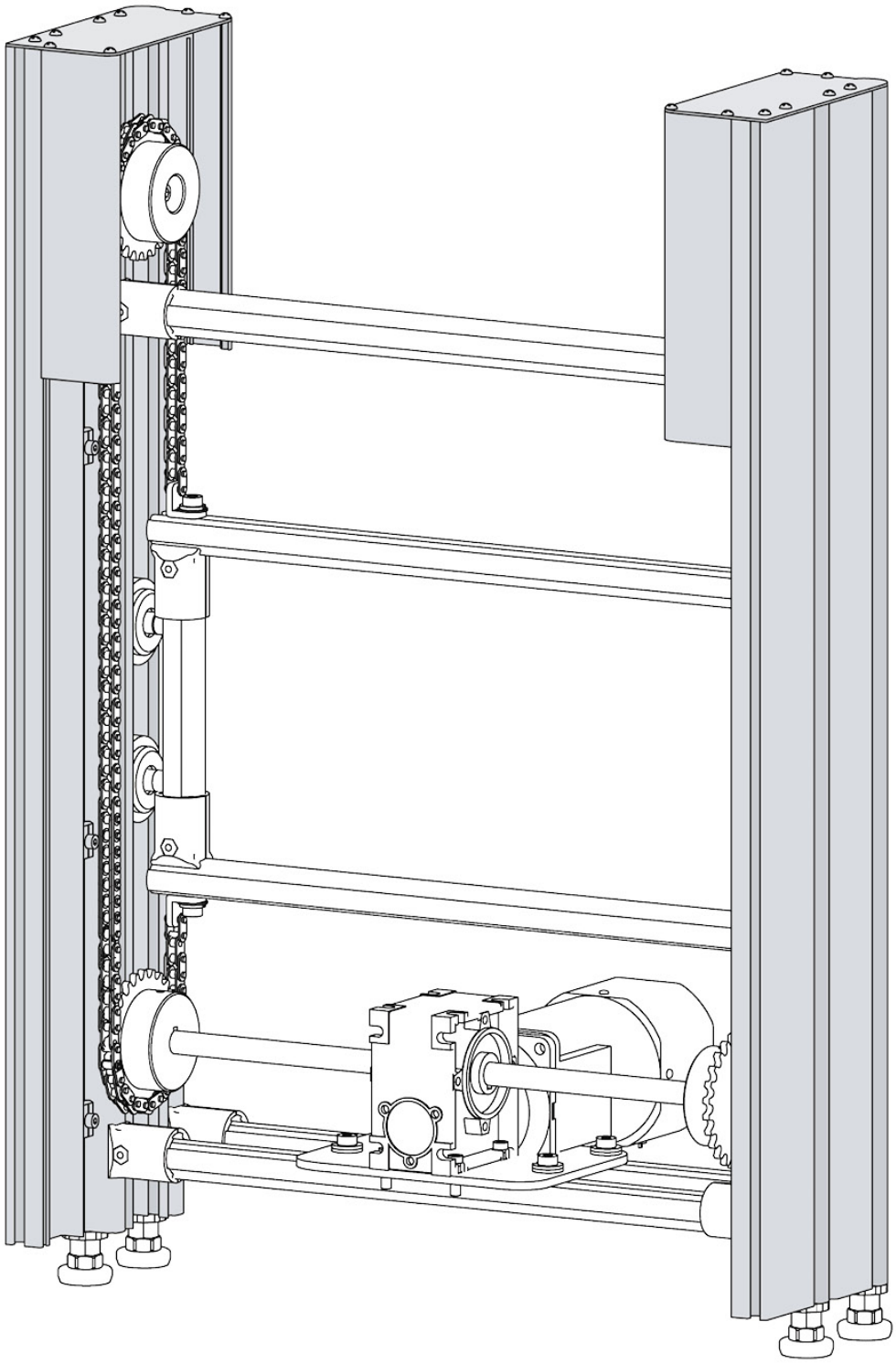


G.S.ACE INDUSTRY CO., LTD.

LIFTING DEVICE



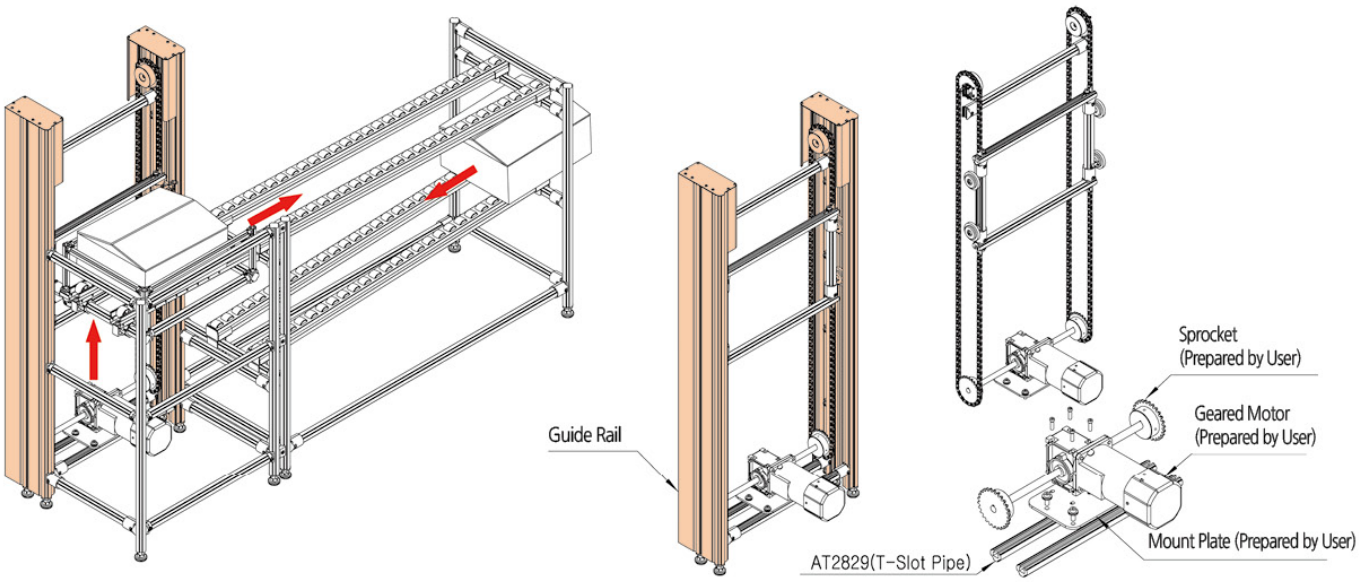
LIFTING DEVICE



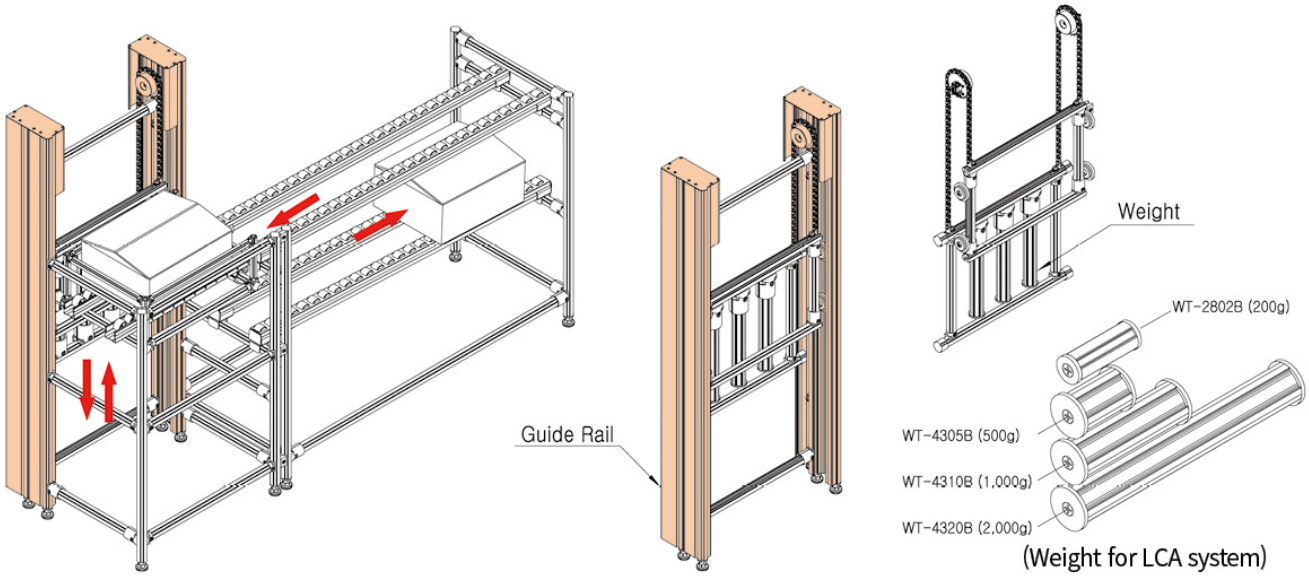
LIFTING DEVICE FEATURE

If you need to load heavy products into the upper and lower floors, you can configure the new lifting device onto the existing aluminum rack system.

- It has a more simple appearance and is easier to assemble than other common elevator unit.
- High strength to weight ratio (1/3 of welded structures)
- It can suit the usage environment selecting sprocket and chains moving type as <Picture 1 > or <Picture 2 >.



※ It is suitable for transporting heavy objects to the upper or lower floor by using a motor to transfer to the next workbench.

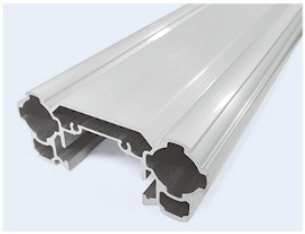


(Weight for LCA system)

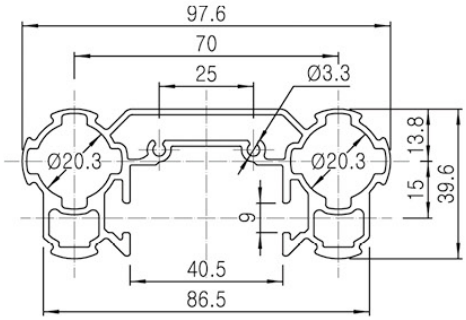
※ By using the automatic returning operation of the weight, the object on the upper floor flows only to the lower floor and simple automation rack configuration is possible.

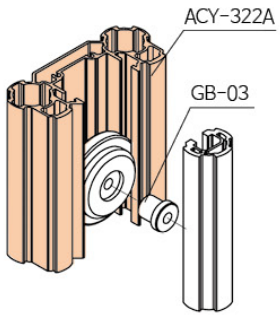
LIFTING DEVICE

ACY-322A Guide Rail

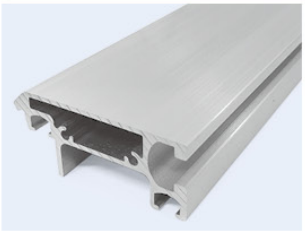


- Weight : 1.904kg/m
- Q'ty/Bundle : 2pcs

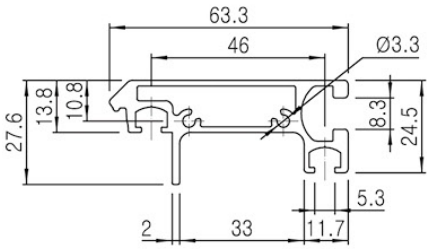


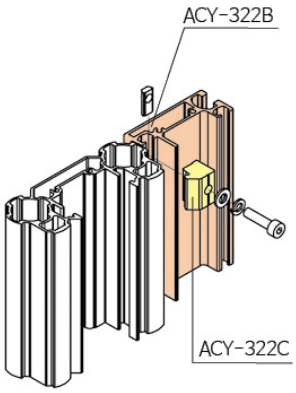


ACY-322B Guide Rail Cover



- Weight : 1.047kg/m
- Q'ty/Bundle : 2pcs

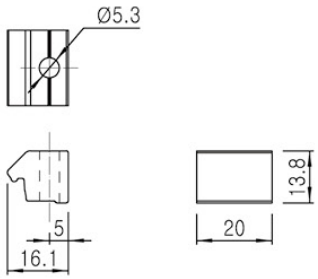




ACY-322C Guide Rail Connecting Joint



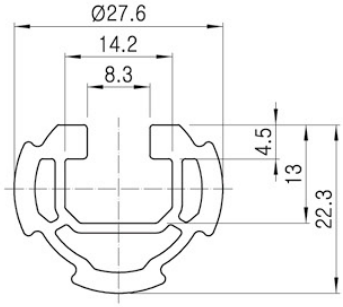
- Weight : 0.007kg
- Q'ty/Box : 600pcs



AT2829 T-Slot Pipe



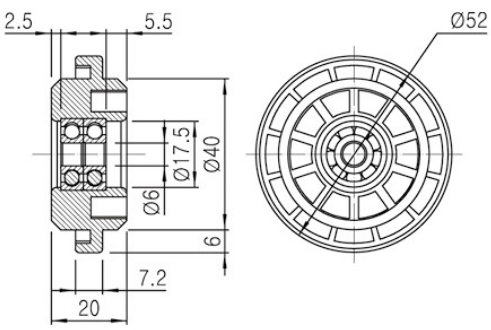
- Weight : 0.595kg/m
- Q'ty/Bundle : 10pcs

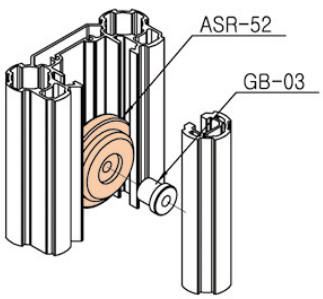


ASR-52 Slot Roller



- Weight : 0.034kg
- Q'ty/Box : 450pcs



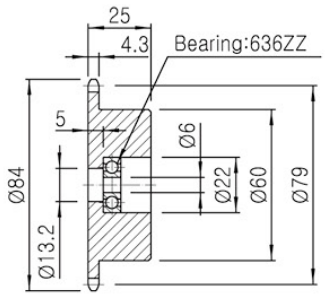


LIFTING DEVICE

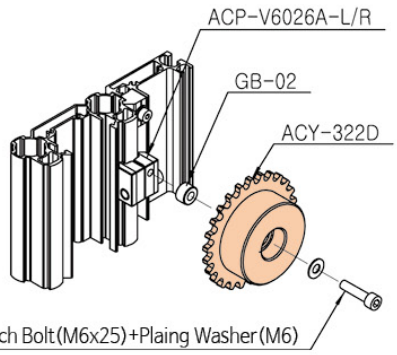
ACY-322D Sprocket



- Weight : 0.197kg
- Q'ty/Box : 20pcs



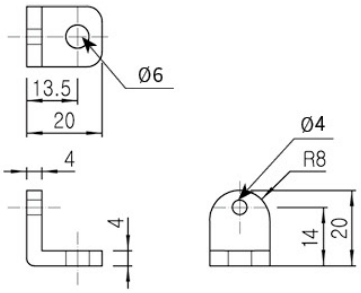
Chain and Sprocket		
Type	Division	Diameter
Roller Chain	Roller Chain Trade Size	35
	Pitch (P)	9.525
	Roller OD (Dr)	Ø5.08
Sprocket	Number of Teeth (N)	26
	Pitch Diameter (Dp)	Ø79.02
	Tooth Gap Bottom Diameter	Ø73.94
	Tooth Gap Bottom Distance	73.94

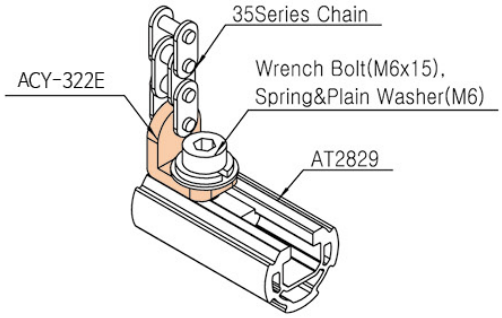


ACY-322E Chain Link Bracket

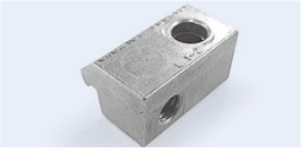


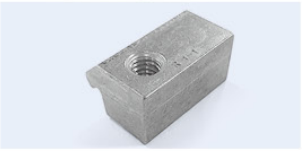
- Weight : 0.015kg
- Q'ty/Box : 600pcs



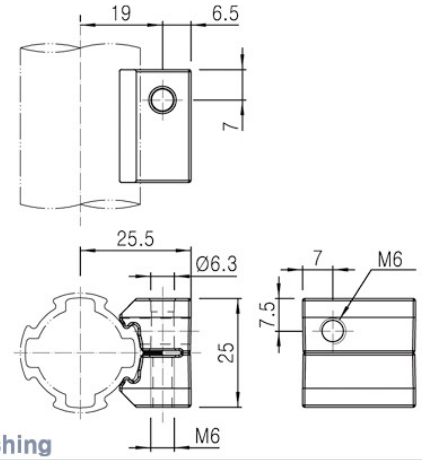


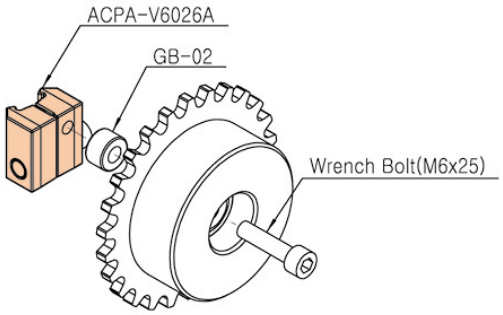
ACPA-V6026A Sprocket Connecting Joint





- Weight : 0.032kg
- Q'ty/Box : 300set

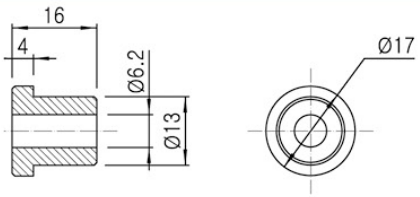


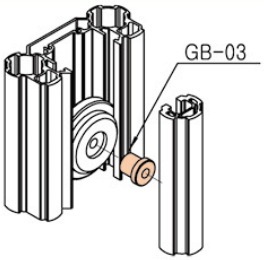


GB-03 Gap Bushing



- Weight : 0.006kg
- Q'ty/Box : 420pcs

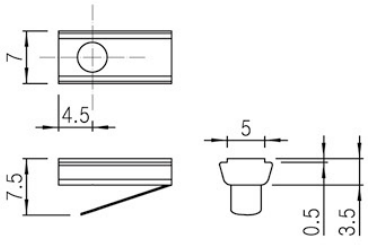


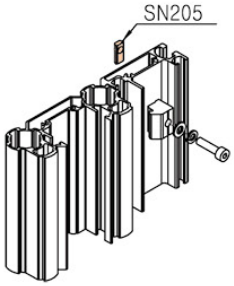


SN205 Spring Nut

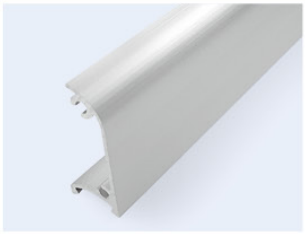


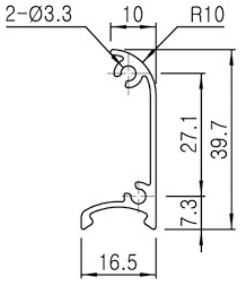
- Weight : 0.007kg
- Q'ty/Box : 1,000pcs





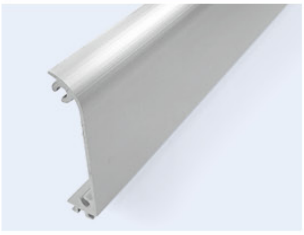
ACY-322F Guide Rail Safety Cover (Left)

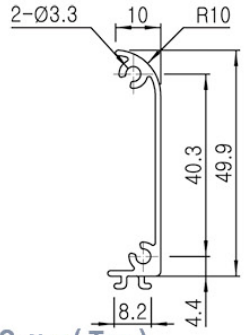




- Weight : 0.302kg/m
- Q'ty/Bundle : 2pcs

ACY-322G Guide Rail Safety Cover (Right)

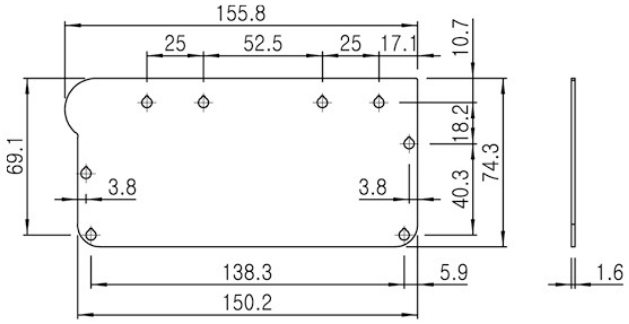




- Weight : 0.337kg/m
- Q'ty/Bundle : 2pcs

ACY-322H Guide Rail Safety Cover (Top)

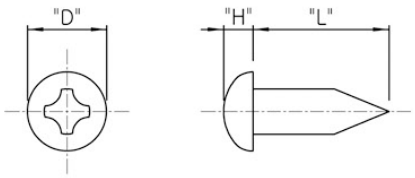




- Weight : 0.142kg
- Q'ty/Box : 70pcs

TAPPING SCREW Screw



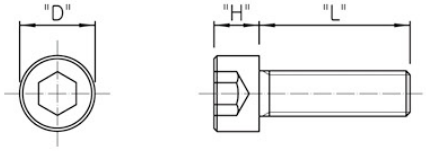


Part No.	Spec	"D"	"H"	"L"	Application
PW 8x16	M4x16	7	2.5	16	ACY-322F/G/H

- Weight : 0.003kg
- Q'ty/Box : 10,000pcs

WRENCH BOLT Wrench Bolt



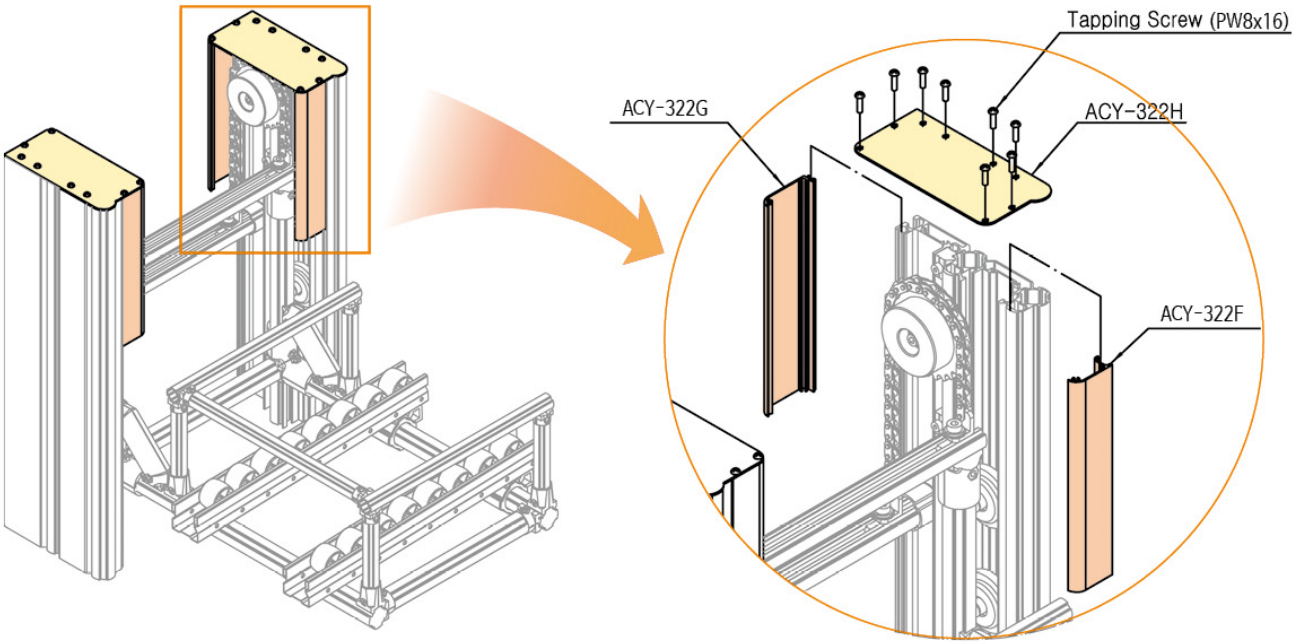


Part No.	Spec	"D"	"H"	"L"	Application
M0520W	M5x20	8.5	5	20	ACY-322C
M0615W	M6x15	10	6	15	ACY-322E
M0620W	M6x20	10	6	20	B-001H
M0625W	M6x25	10	6	25	ACY-322D/A-001
M0640W	M6x40	10	6	40	ASR-52

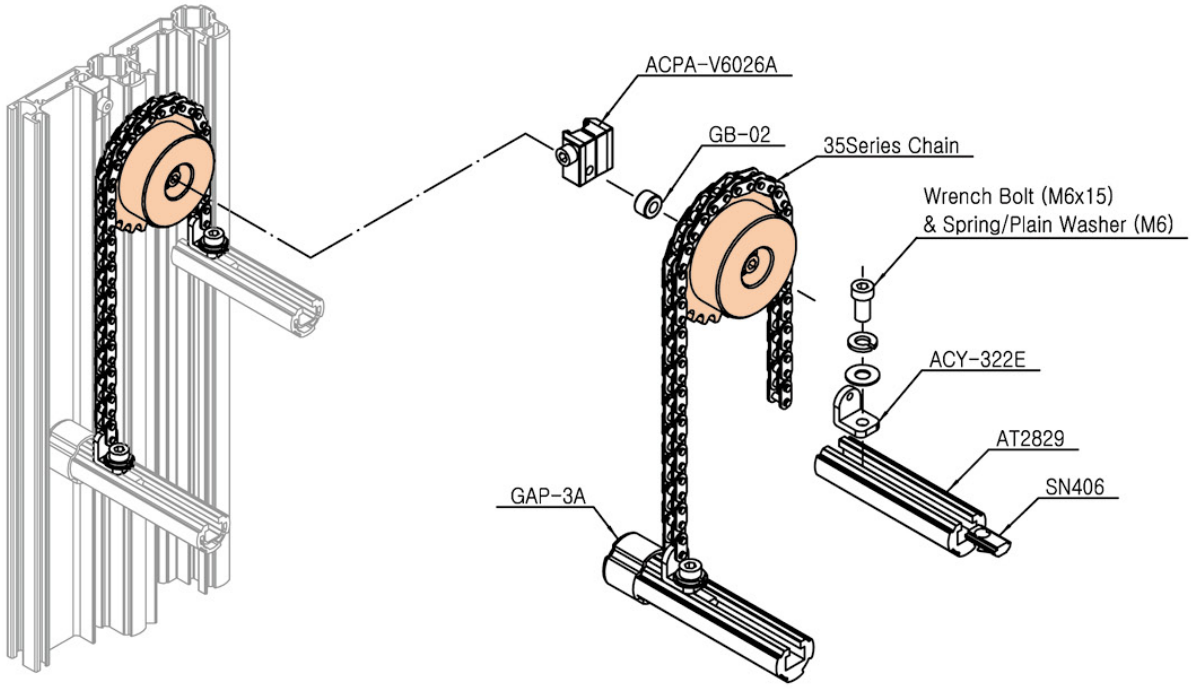
- Weight : 0.007kg
- Q'ty/Box : 3,000pcs

LIFTING DEVICE

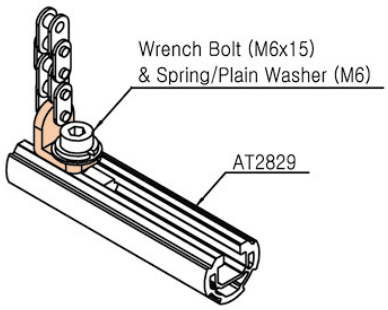
COVER ASSEMBLY GUIDE

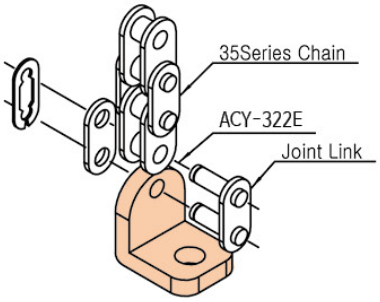


SPROCKET ASSEMBLY GUIDE

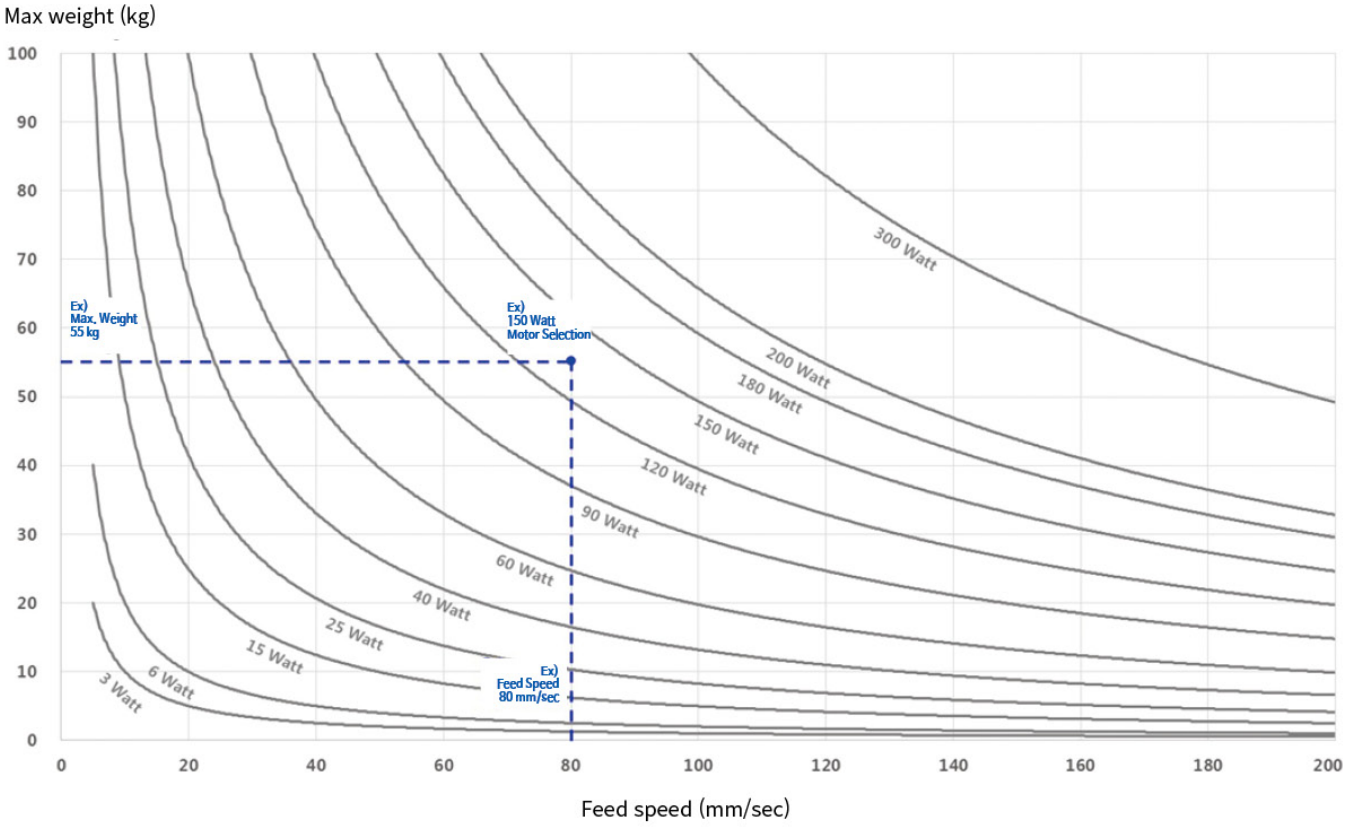


CHAIN 연결 방법





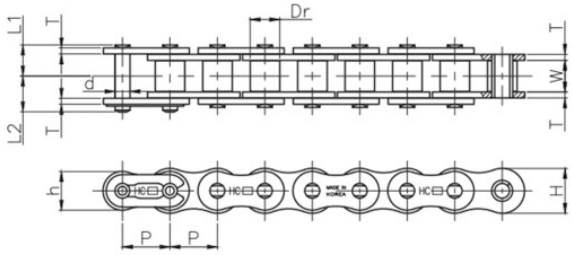
Motor Selection Guidelines



Reducer Ratio Selection Table

		Feed speed (mm/sec)									
		20	40	60	80	100	120	140	160	180	200
Reducer Ratio	60 Hz Motor	200:1	100:1	75:1	50:1	40:1	36:1	30:1	25:1	-	20:1
	50 Hz Motor	180:1	90:1	60:1	40:1	36:1	30:1	25:1	-	20:1	18:1

Chain Selection Table

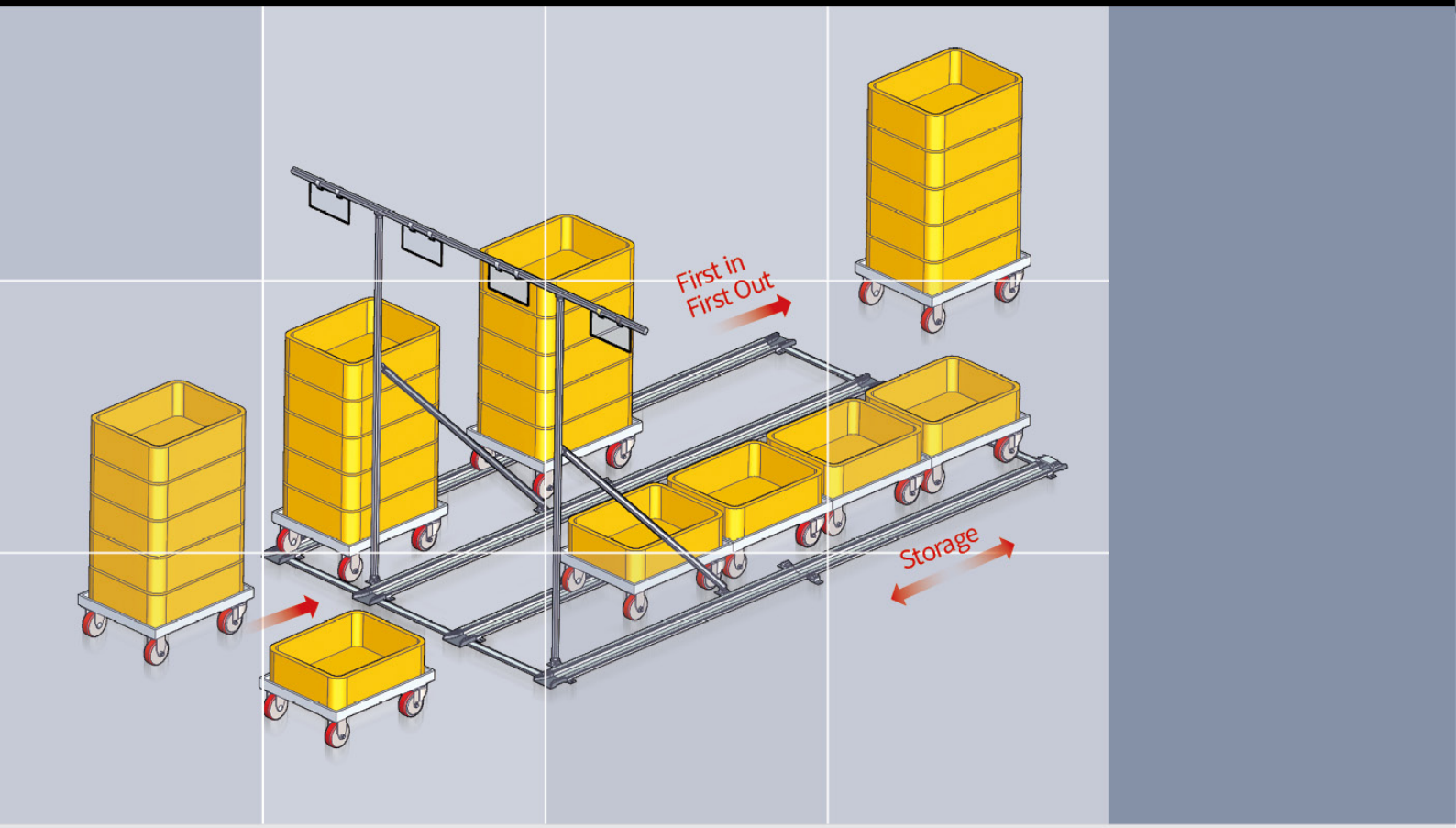


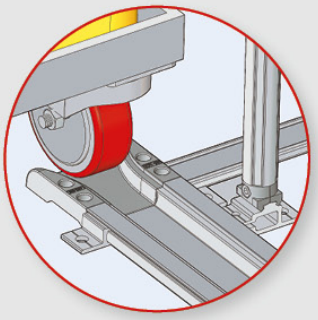


Chain No	Pitch	Roller Link Inner Width (W)	Roller Out Diameter (OD)	PIN				Link Plate			KS Breaking Strength (kgf)	AVG. Breaking Strength (kgf)	Maximum allowed Weight (kgf)	Outline weight (kgf/m)
				Diam.	Length (L_1+L_2)	Length (L_1)	Length (L_2)	Thickness (T)	Height (H)	height (h)				
35	9.525	4.78	5.09	3.59	13.1	5.9	7.2	1.25	9.0	7.8	800	950	220	0.33

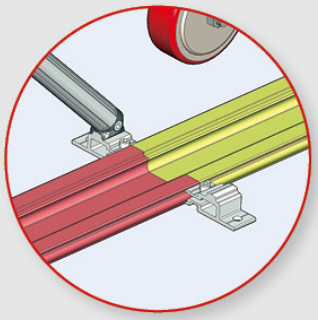
G.S.ACE INDUSTRY CO., LTD.

ALUMINUM GUIDE RAIL SYSTEM

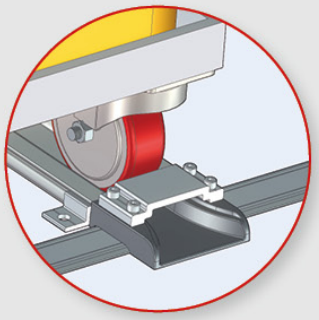




Caster wheel entrance



AL Guide rail connecting Joint
- Possible to add AL Guide rail lenght
- Possible to assemble 28 AL Joint



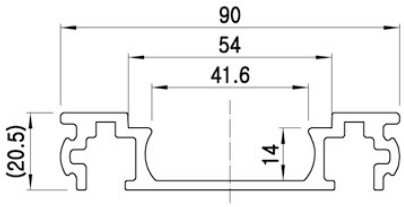
Stopper device of caster wheel entrance (Detachable)
- Not detached : First In First Out
- Detached : Storage

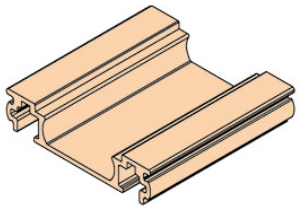
ALUMINUM GUIDE RAIL SYSTEM

AGR-001 ALUMINUM GUIDE RAIL



- Weight: 1.390kg/m
- 공급길이 : 4MT
- Q'ty/Bundle : 2pcs

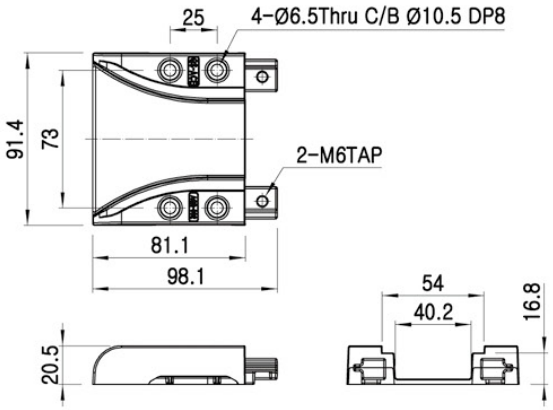


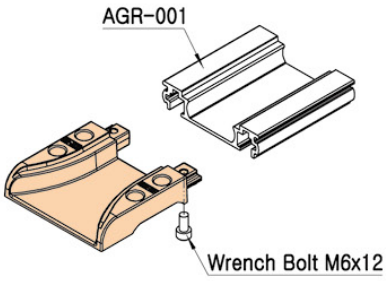


AGR-002 INFEED CAP

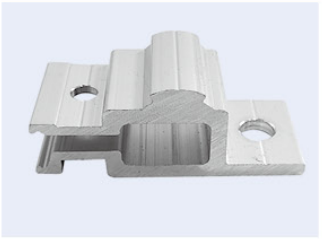


- Weight: 0.030kg
- Q'ty/Box : 30pcs

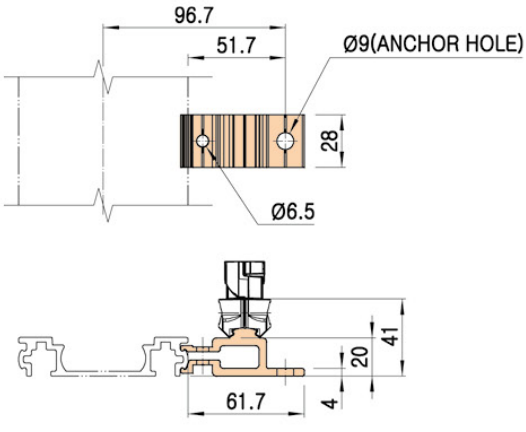


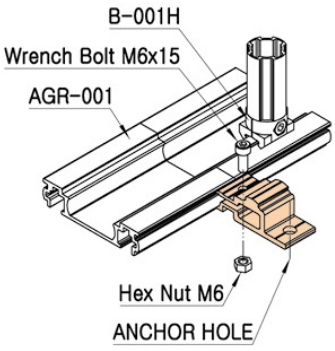


AGR-003 CONNECTING JOINT



- Weight: 0.040kg
- Q'ty/Box : 80pcs

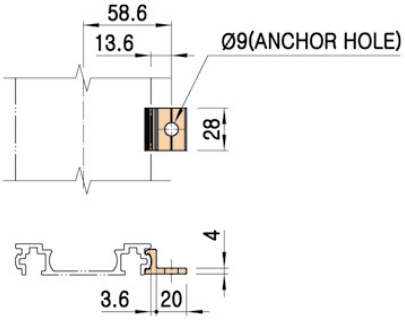


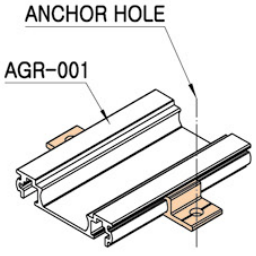


AGR-004 ANCHOR BRACKET



- Weight: 0.011kg
- Q'ty/Box : 400pcs

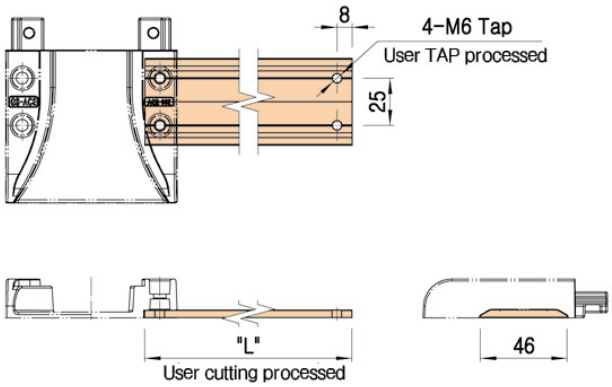


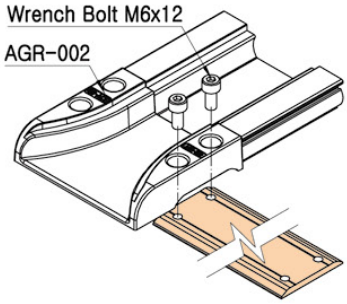


AGR-005 CONNECTION PLATE (User processed goods)

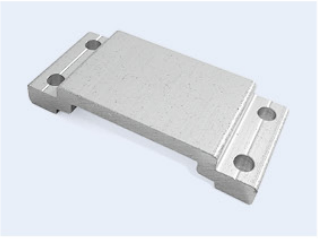


- Weight: 0.453kg/m
- Supply length : 4MT
- Q'ty/Bundle : 5pcs

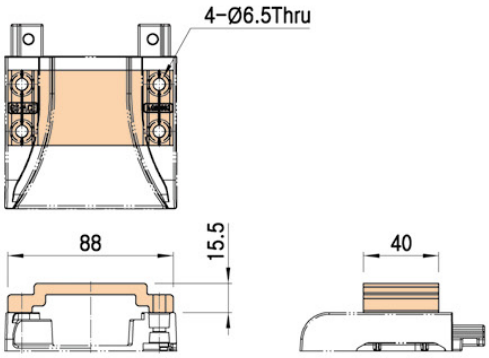


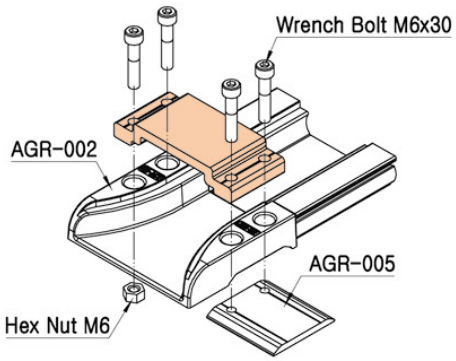


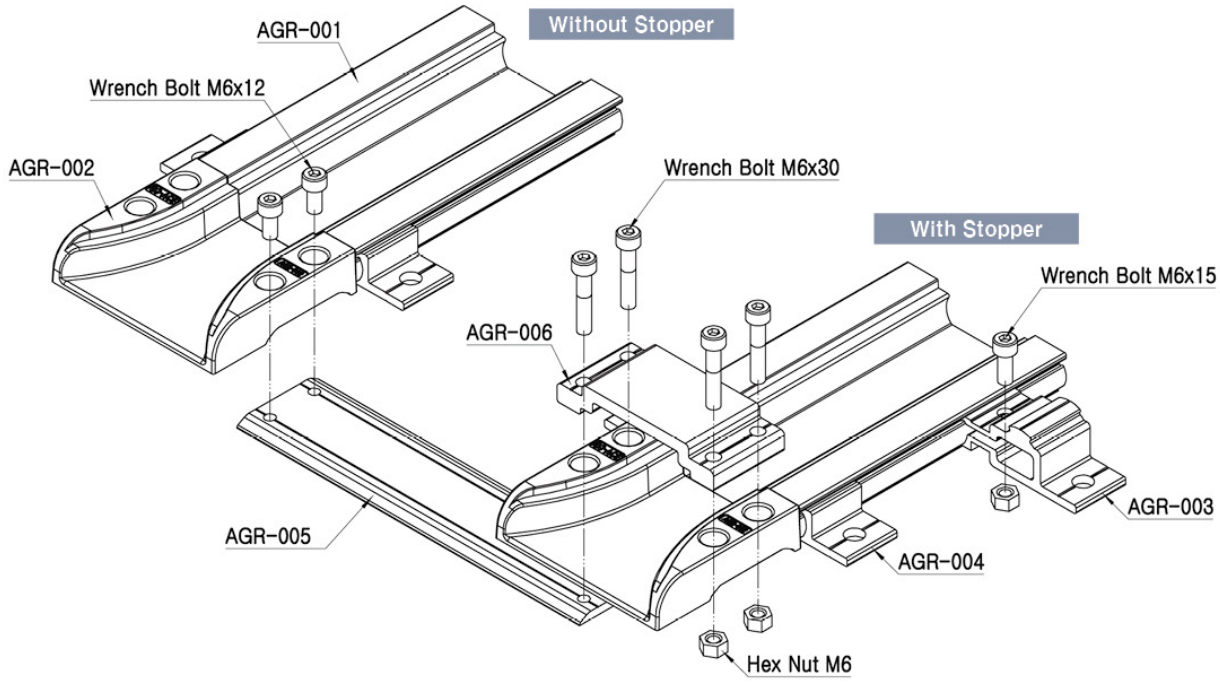
AGR-006 END STOP



- Weight: 0.071kg
- Q'ty/Box : 60pcs







G.S.ACE INDUSTRY CO., LTD.

ROLLER TRACK SYSTEM

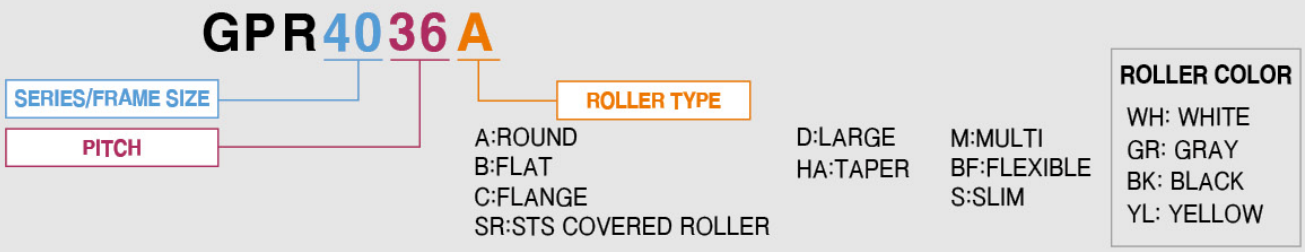


- ROLLER TRACKS
  - STANDARD ROLLER TRACK
  - SILENT ROLLER TRACK
  - STS COVERED ROLLER TRACK
  - UNIVERSAL ROLLER TRACK
- ROLLER TRACK CAP
- MOUNTING BRACKETS
- SLIDE PIPE MOUNTING BRACKETS
- BOX GUIDE
- BOX GUIDE CAP
- BOX STOPPER

ROLLER TRACKS

ROLLER TRACK NUMBERING SYSTEM

Unit : mm



SPECIFICATION

STANDARD ROLLER TRACK

Series	Part No.	Body Material (mm)	Load Capacity (Kg-f)	Roller Diameter (mm)	Shaft Diameter (mm)	Roller Pitch (mm)	Slope >( )°	Roller Color				ESD		Standard Length
								WH	GR	BK	YL	BK	GR	
35 Series	GP3533B	GI	100	Ø28	Ø3	33.33	2.5°	○	○	○	○	○		3MT/4MT
40 Series	GP4036A	GI	150	Ø34	Ø4	36	2.0°	○		○		○		3MT/4MT
	GP4036B							○		○		○		
	GP4050C			Ø49		50		○		○		○		
	GP4050D			Ø43				○		○		○		
	GP4025M			Ø34	Ø3.3	25		○		○		○		
60 Series	GP6016S	GI	100	Ø15	Ø4	16.67	2.5°	○		○		○		3MT/4MT
	GP6033B		150	Ø30		33.33		○		○		○		
	GP6033HA							○						
85 Series	GP8525M	GI	300	Ø34	Ø5	25	2.5°	○		○		○		3MT/4MT
	GP8543B			Ø40		43		○				○		

SILENT ROLLER TRACK

Series	Part No.	Body Material (mm)	Load Capacity (Kg-f)	Roller Diameter (mm)	Shaft Diameter (mm)	Roller Pitch (mm)	Slope >( )°	Roller Color				ESD		Standard Length
								WH	GR	BK	YL	BK	GR	
25 Series	GPR2528A	AL	60	Ø25	Ø3	28.57	1.5°	○		○				3MT/4MT
40 Series	GPR4040A	GI/AL	150	Ø34	Ø4	40	2.0°	○		○		○		3MT/4MT
	GPR4040B							○		○		○		
	GPR4055C			Ø49		55		○		○		○		
	GPRG4040B	AL		Ø34		40		○		○		○		
60 Series	GPR6016S	GI/AL	100	Ø15	Ø4	16.67	2.5°	○		○		○		3MT/4MT
	GPR6033B		150	Ø30		33.33		○		○		○		
	GPR6033HA		150					○						
85 Series	GPR8523S	GI/AL	200	Ø20.5	Ø3.5	22.5	1.5°	○				○		4MT
	GPR8545B		300	Ø40		45		○				○		
	GPR8545HA							○				○		
100 Series	GPR1021BFS	AL	250	Ø17.6	Ø5	21	-						○	2MT/3MT

ROLLER TRACKS

Unit : mm

STS COVERED ROLLER TRACK

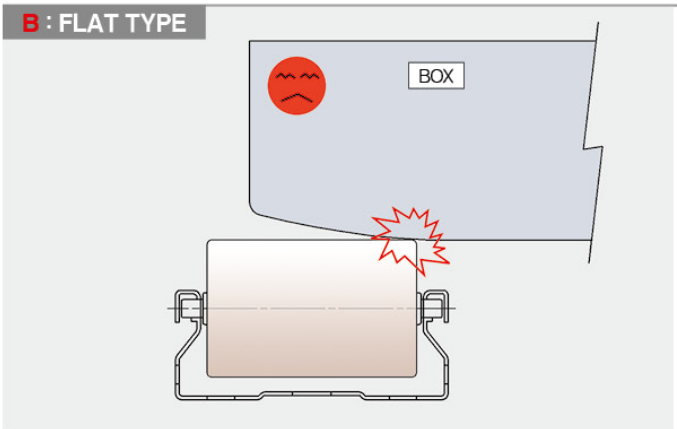
Series	Part No.	Body Material (mm)	Load Capacity (Kg-f)	Roller Diameter (mm)	Shaft Diameter (mm)	Roller Pitch (mm)	Slope >( )°	Roller Color				ESD		Standard Length
								WH	GR	BK	YL	BK	GR	
40 Series	GPR4040SR	GI/AL	150	Ø34	Ø4	40	2.0 °		○					3MT/4MT
85 Series	GPR8523SR	GI/AL	300	Ø20.6	Ø3.5	22.5	1.5 °		○					2MT
	GPR8545SR	GI/AL	300	Ø43	Ø3.5	45	1.5 °		○					2MT
	GP8550SR	GI	300	Ø43	Ø3.5	45	1.5 °		○					2MT

UNIVERSAL ROLLER TRACK

Series	Part No.	Body Material (mm)	Load Capacity (Kg-f)	Roller Diameter (mm)	Shaft Diameter (mm)	Roller Pitch (mm)	Slope >( )°	Roller Color				ESD		Standard Length
								WH	GR	BK	YL	BK	GR	
40 Series	UR4050	AL	100	Ø43	Ø4	50	2.5°		○			○		3MT
60 Series	UR6067	AL	200	Ø60	Ø5	66.7	3.0°		○			○		2MT

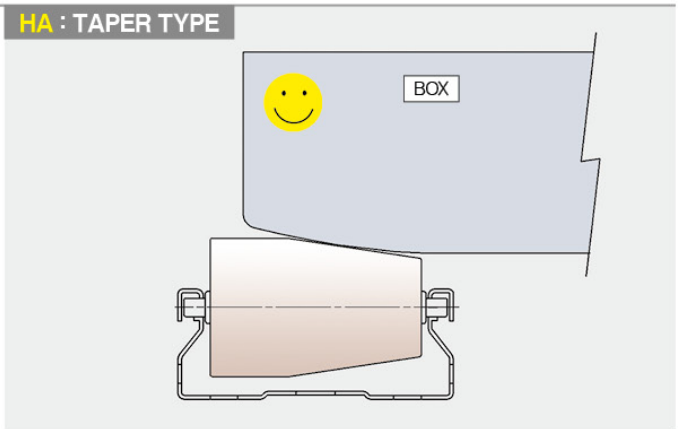
CHOICE OF THE ROLLER TYPE

B : FLAT TYPE



※ Old box with the bent bottom will not be rolled over B Type

HA : TAPER TYPE



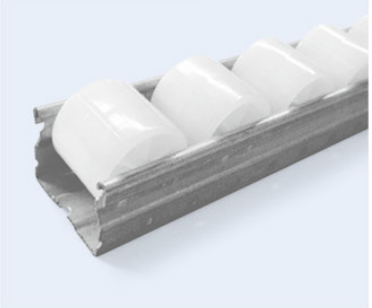
※ Old box with the bent bottom will be well-rolled over HA Type

ROLLER TRACKS

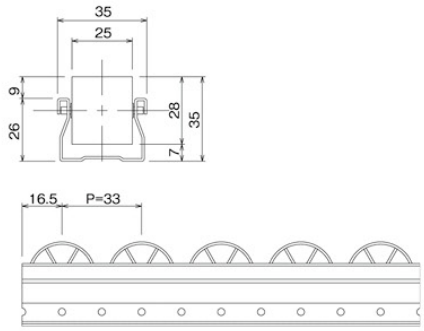
STANDARD ROLLER TRACK

Unit : mm

GP3533B Pitch : 33



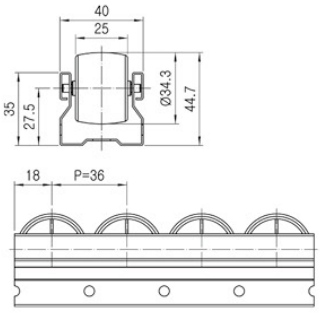
Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea



GP4036A Pitch: 36



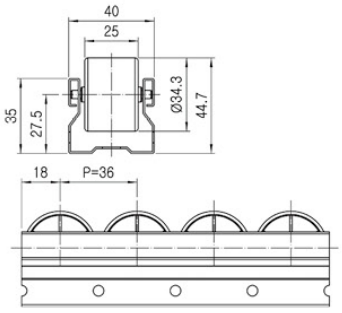
Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea



GP4036B Pitch: 36



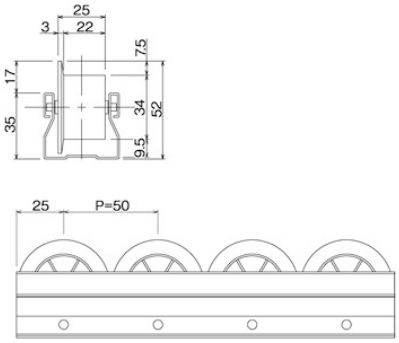
Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea



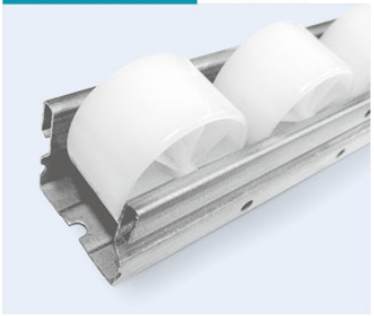
GP4050C Pitch: 50



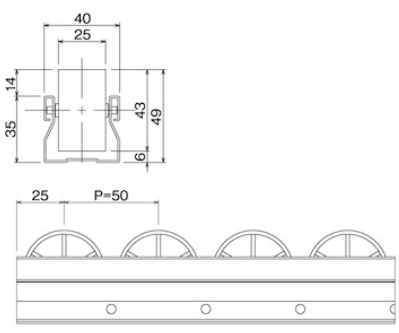
Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea



GP4050D Pitch: 50



Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea



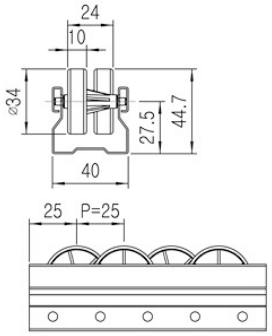
ROLLER TRACKS

Unit : mm

GP4025M Pitch: 25



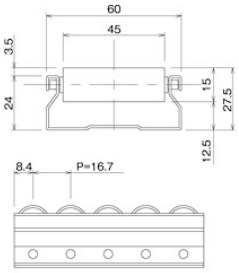
Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea



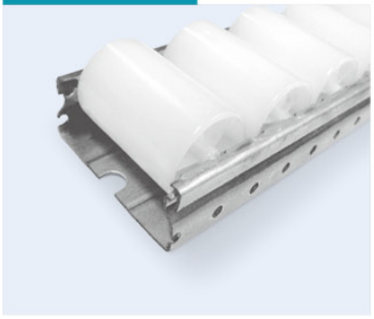
GP6016S Pitch: 16



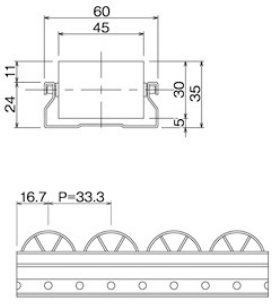
Material	Body : GI
	Roller : PE
Q'ty/Bundle	6ea



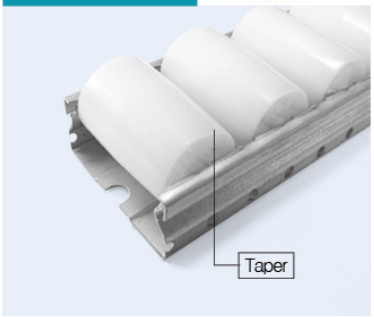
GP6033B Pitch: 33



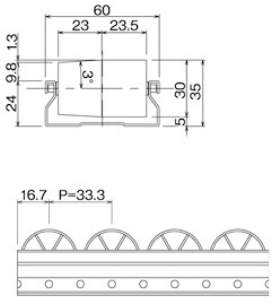
Material	Body : GI
	Roller : PE
Q'ty/Bundle	6ea



GP6033HA Pitch: 33



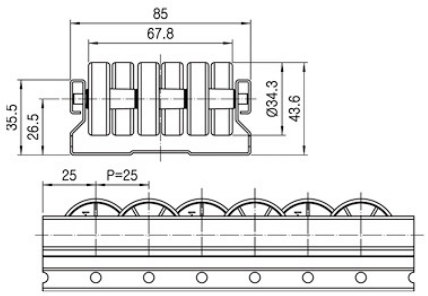
Material	Body : GI
	Roller : PE
Q'ty/Bundle	6ea



GP8525M Pitch: 25



Material	Body : GI
	Roller : PE
Q'ty/Bundle	4ea

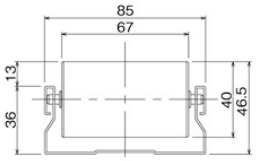


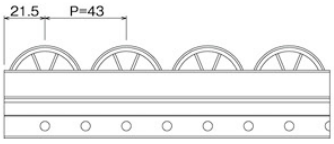
Unit : mm

GP8543B Pitch: 43



Material	Body : GI
	Roller : PE
Q'ty/Bundle	4ea





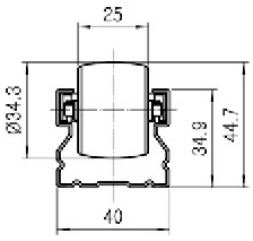
SILENT ROLLER TRACK

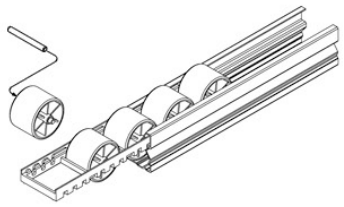
Unit : mm

GPR4040A/B-GI Silent Roller, Pitch: 40

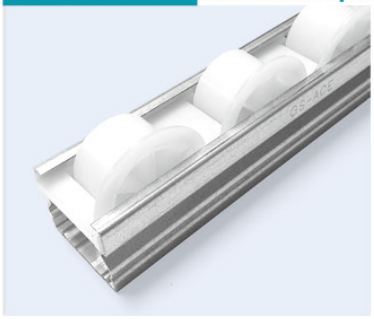


Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea

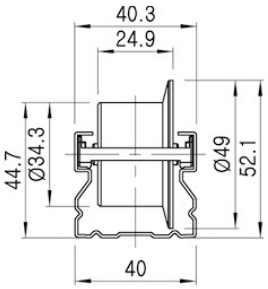


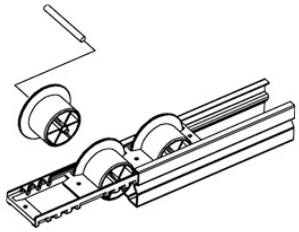


GPR4055C-GI Silent Roller, Pitch: 55



Material	Body : GI
	Roller : PE
Q'ty/Bundle	10ea

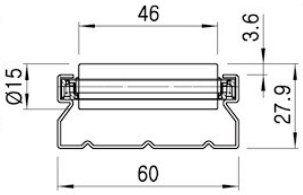


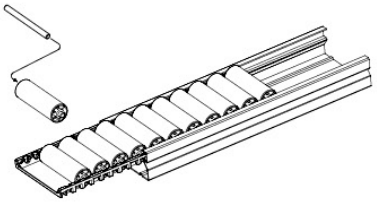


GPR6016S-GI Silent Roller, Pitch: 16



Material	Body : GI
	Roller : PE
Q'ty/Bundle	6ea

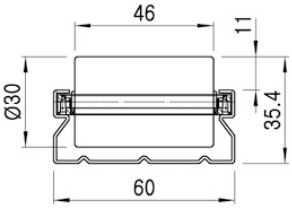


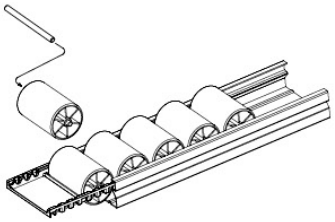


GPR6033B-GI Silent Roller, Pitch: 33



Material	Body : GI
	Roller : PE
Q'ty/Bundle	6ea

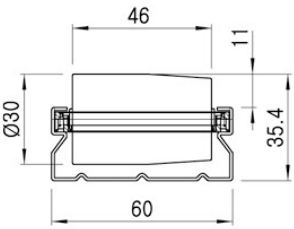


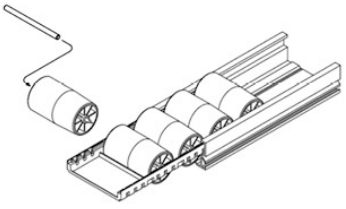


GPR6033HA-GI Silent Roller, Pitch: 33



Material	Body : GI
	Roller : PE
Q'ty/Bundle	6ea



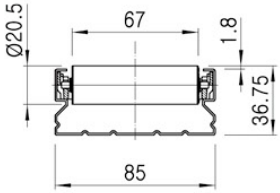


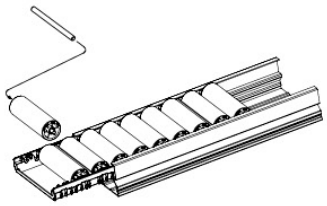
Unit : mm

GPR8523S-GI Silent Roller , Pitch:22.5

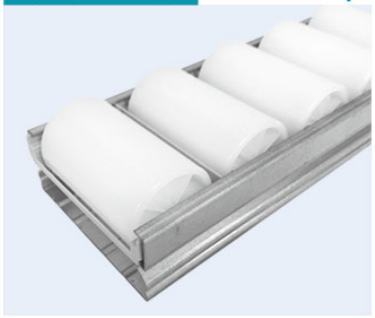


Material	Body : GI
	Roller : PE
Q'ty/Bundle	4ea

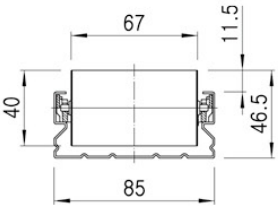


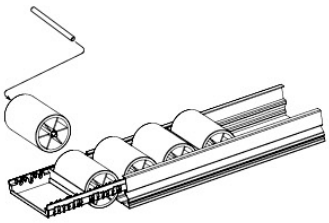


GPR8545B-GI Silent Roller , Pitch: 45



Material	Body : GI
	Roller : PE
Q'ty/Bundle	4ea

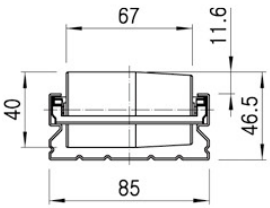


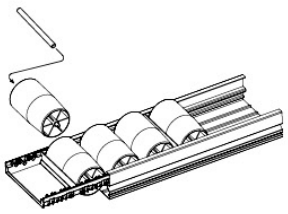


GPR8545HA-GI Silent Roller, Pitch: 45



Material	Body : GI
	Roller : PE
Q'ty/Bundle	4ea

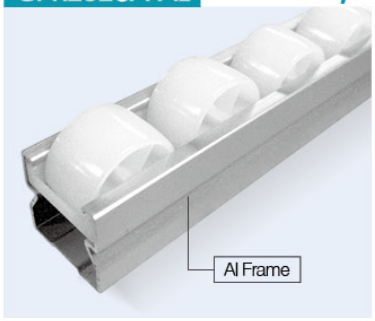




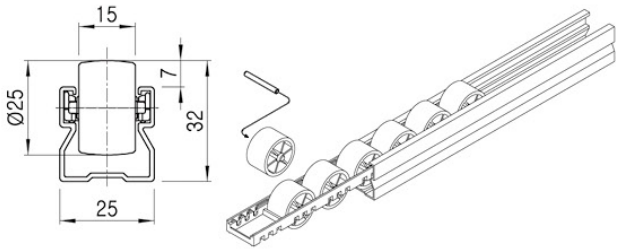
SILENT ROLLER TRACK (AL BODY)

Unit : mm

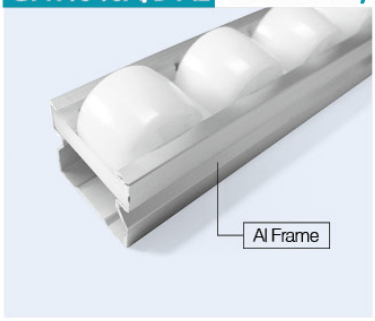
GPR2528A-AL Silent Roller, Pitch: 28.6



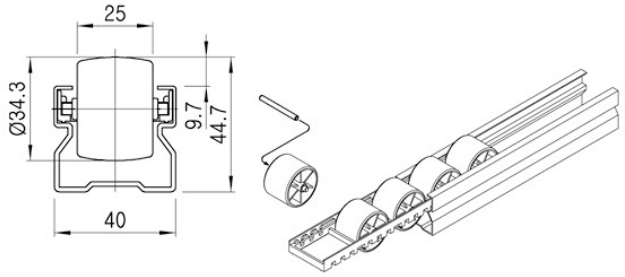
Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	14ea



GPR4040A/B-AL Silent Roller, Pitch: 40



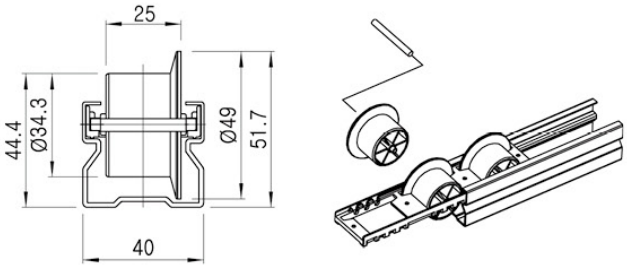
Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	10ea



GPR4055C-AL Silent Roller, Pitch: 55



Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	10ea

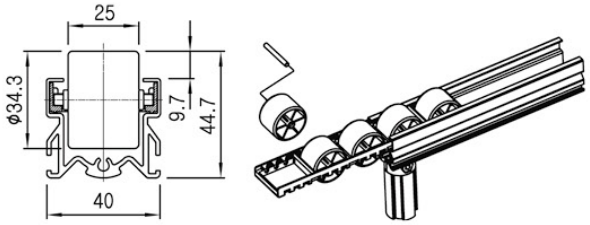


NEW

GPRJ4040A/B-AL Joint Type Roller Track, Pitch : 40

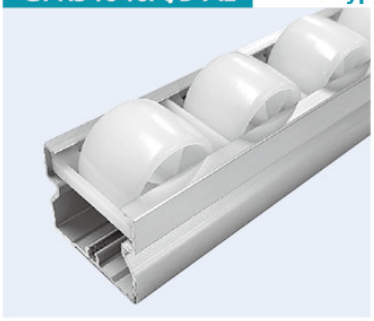


Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	10ea

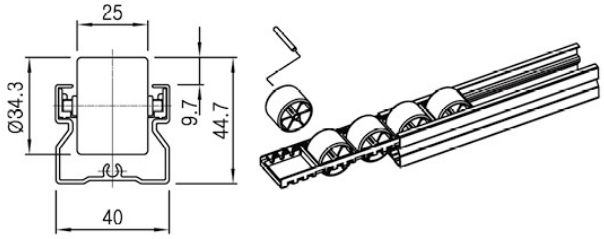


NEW

GPRS4040A/B-AL Screw Type Roller Track, Pitch : 40



Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	10ea



ROLLER TRACKS

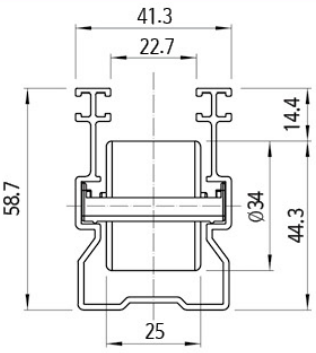
Unit : mm

GPRG4040B Guide Type Roller Track, Pitch : 40

Patent Pending



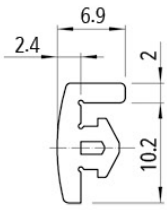
Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	4pcs



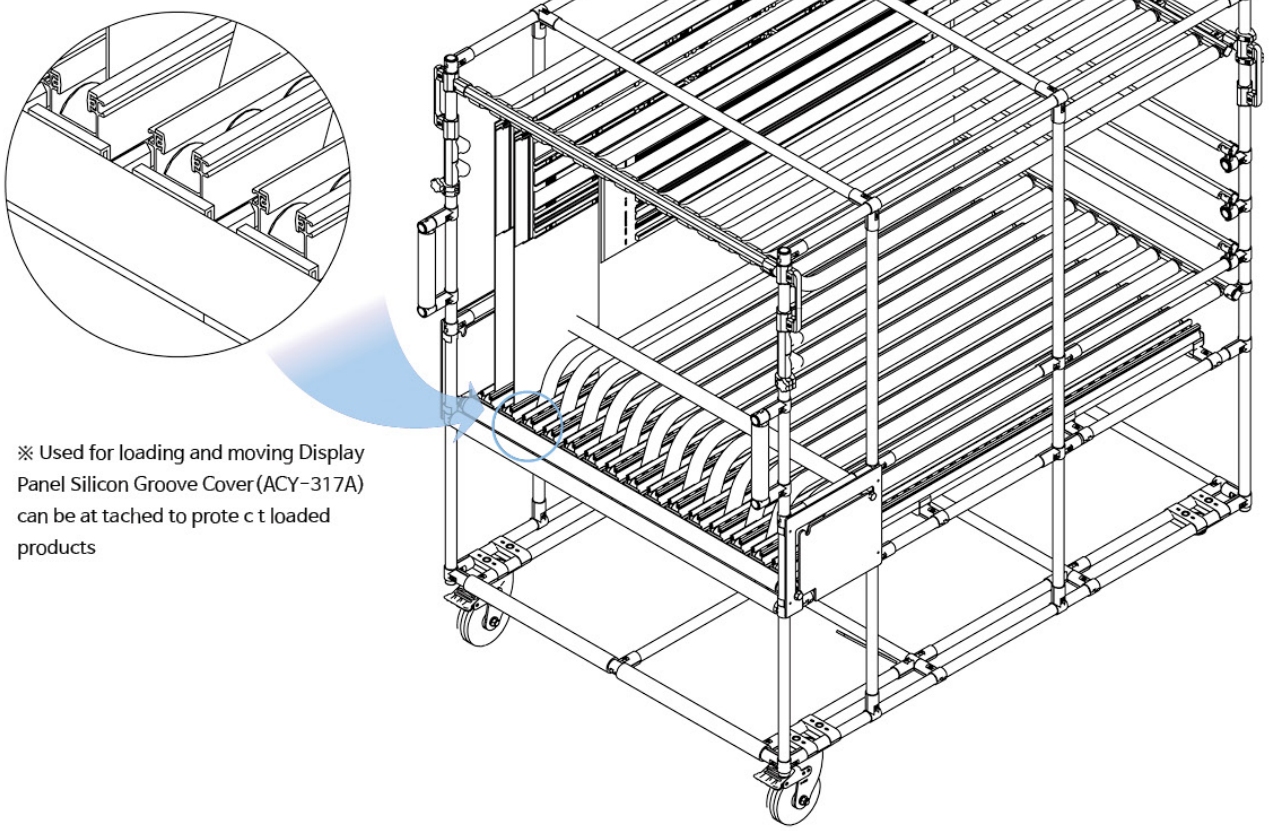
ACY-317A Groove Cover



Material	Silicon
Weight	0.064kg/m



GPRG4040B Application EXAMPLE



※ Used for loading and moving Display Panel Silicon Groove Cover (ACY-317A) can be at tached to prote c t loaded products

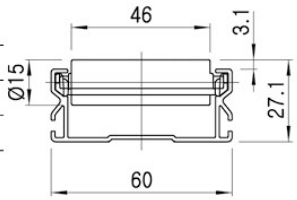
ROLLER TRACKS

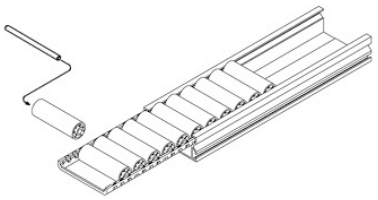
Unit : mm

GPR6016S-AL Silent Roller, Pitch: 16

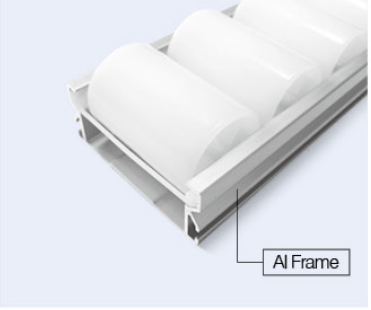


Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	6ea

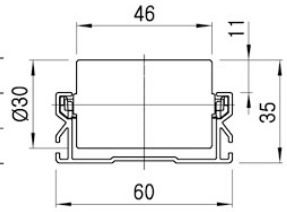


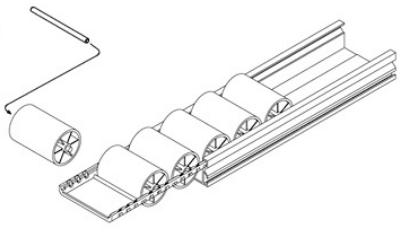


GPR6033B-AL Silent Roller, Pitch: 33



Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	6ea

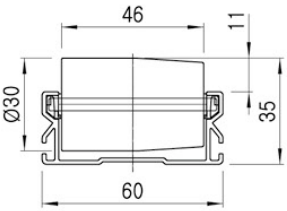


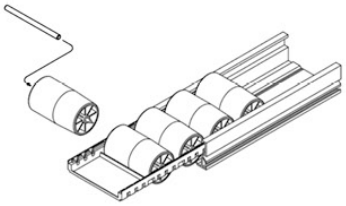


GPR6033HA-AL Silent Roller, Pitch: 33



Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	6ea

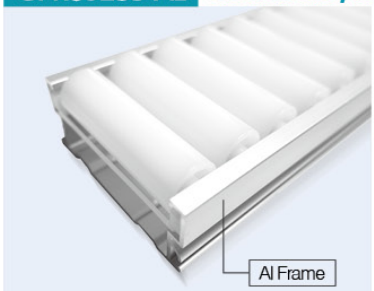




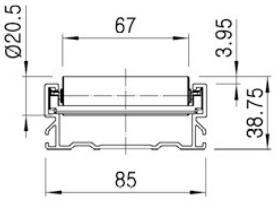
ROLLER TRACKS

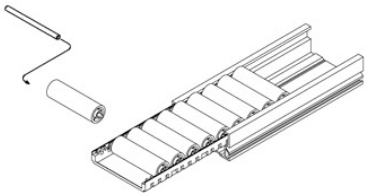
Unit : mm

GPR8523S-AL Silent Roller, Pitch: 22.5



Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	4ea



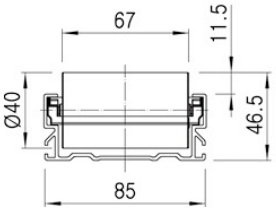


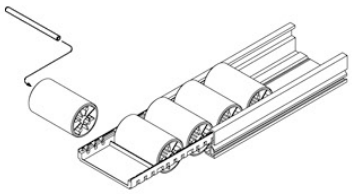
GPR8545B-AL Silent Roller, Pitch: 45



*구름각도 1.5° 이상대응제품

Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	4ea



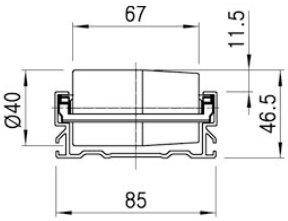


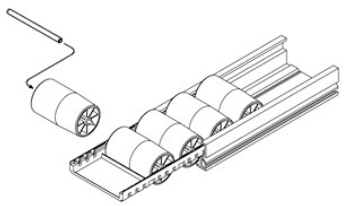
GPR8545HA-AL Silent Roller, Pitch: 45



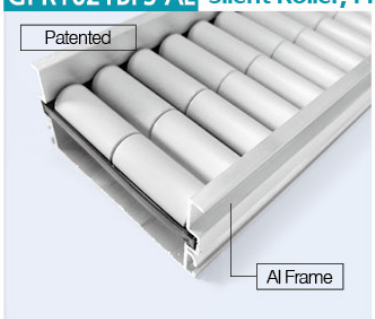
*구름각도 1.5° 이상대응제품

Material	Body : Aluminum
	Roller : PE
Q'ty/Bundle	4ea

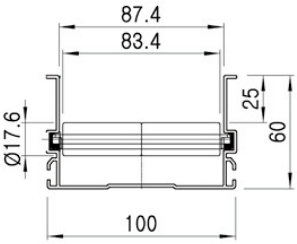


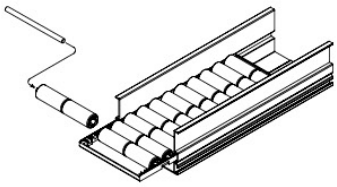


GPR1021BFS-AL Silent Roller, Pitch: 21



Material	Body : Aluminum
	Roller : Urethane
Q'ty/Bundle	4ea





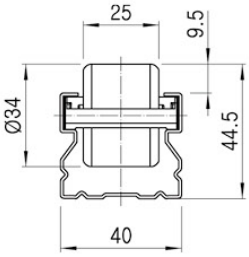
STS COVERED ROLLER TRACK (GI BODY)

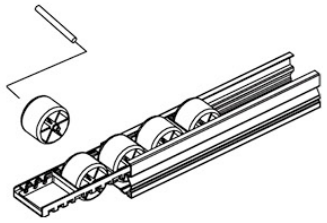
Unit : mm

GPR4040SR-GI STS Covered Roller, Pitch: 40



Material	Body : GI
	Roller : STS+PE
Q'ty/Bundle	10ea



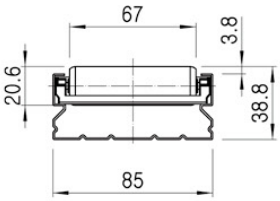


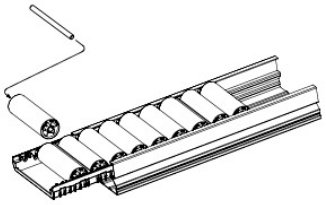
GPR8523SR-GI STS Covered Roller, Pitch: 23



*구름각도 1.5° 이상대응제품

Material	Body : GI
	Roller : STS+ PE
Q'ty/Bundle	4ea



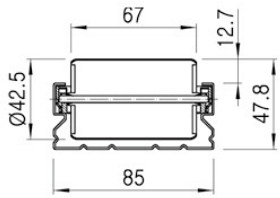


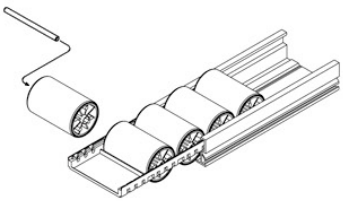
GPR8545SR-GI STS Covered Roller, Pitch: 45



*구름각도 1.5° 이상대응제품

Material	Body : GI
	Roller : STS+ PE
Q'ty/Bundle	4ea

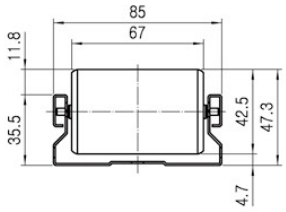


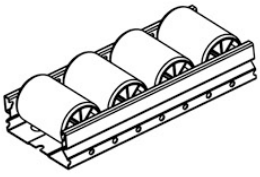


GP8550SR-GI STS Covered Roller, Pitch: 50



Material	Body : GI
	Roller : STS+ PE
Q'ty/Bundle	4ea





ROLLER TRACKS

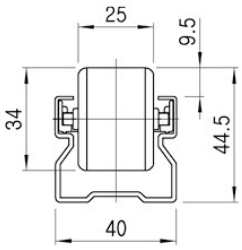
STS COVERED ROLLER TRACK (AL BODY)

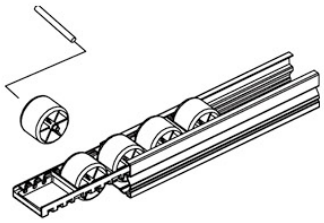
Unit : mm

GPR4040SR-AL STS Covered Roller, Pitch: 40



Material	Body : Aluminum
	Roller : STS+PE
Q'ty/Bundle	10ea



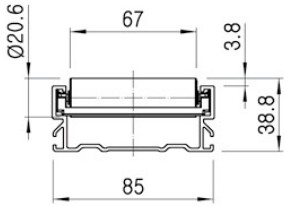


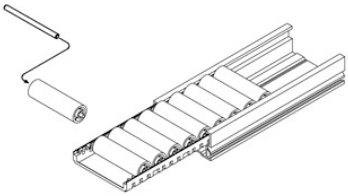
GPR8523SR-AL STS Covered Roller, Pitch: 23



*구름각도1.5° 이상대응제품

Material	Body : Aluminum
	Roller : STS+PE
Q'ty/Bundle	4ea



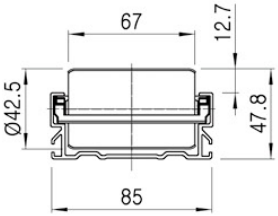


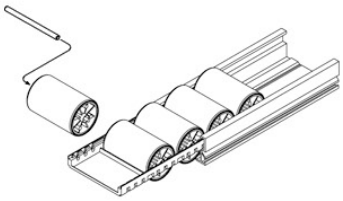
GPR8545SR-AL STS Covered Roller, Pitch: 45



*구름각도1.5° 이상대응제품

Material	Body : Aluminum
	Roller : STS+PE
Q'ty/Bundle	4ea





- STS COVERED ROLLER TRACK FEACTURES -

1. Excellent durability of abrasion
   - Surface of Roller is Stainless(STS) material

2. No Dust
   - No Dust of Roller in comparison with Plastic Roller caused by friction with box

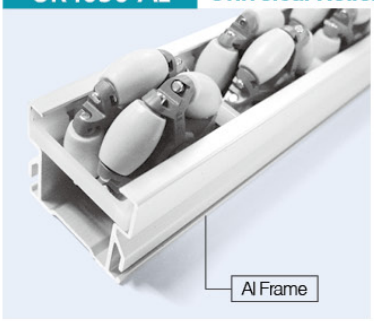
3. Strong to shock
   - Surface of Roller is Stainless(STS) material

4. No surface contamination
   - Possible to keep clean condition by getting rid of stain or dirty things in Roller Surface

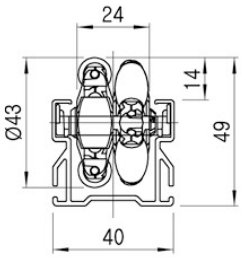
UNIVERSAL ROLLER TRACK

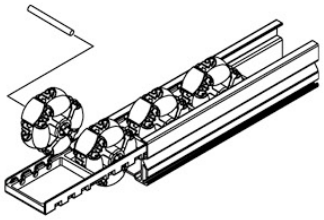
Unit : mm

UR4050-AL Universal Roller, Pitch: 50

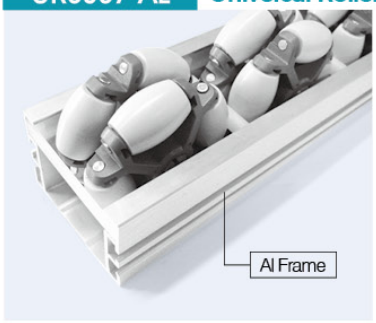


Material	Body : Aluminum
	Roller : Acetal
Q'ty/Bundle	6ea

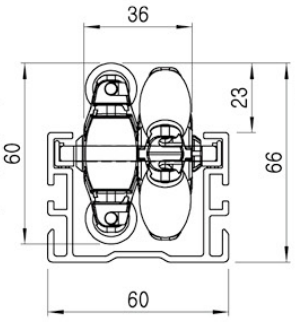


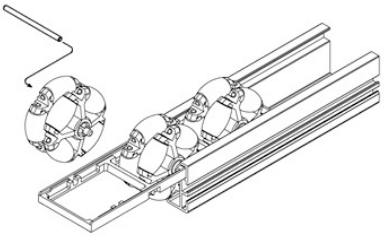


UR6067-AL Universal Roller, Pitch:67



Material	Body : Aluminum
	Roller : Acetal
Q'ty/Bundle	4ea





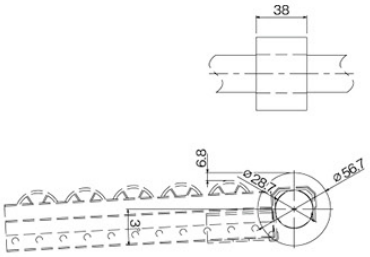
ROLLER TRACKS

Unit : mm

PR-01 Pipe Roller -L



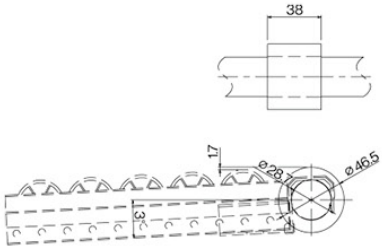
Material	PE
Weight	0.031kg
Q'ty/Box	150pcs



PR-02 Pipe Roller - S



Material	PE
Weight	0.022kg
Q'ty/Box	210pcs

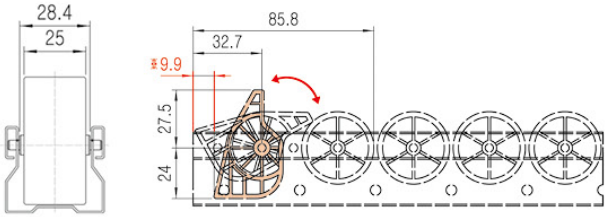


SR-40 Stop Roller



Material	PE
Weight	0.012kg
Q'ty/Box	450pcs

※ The Intervals of 15mm

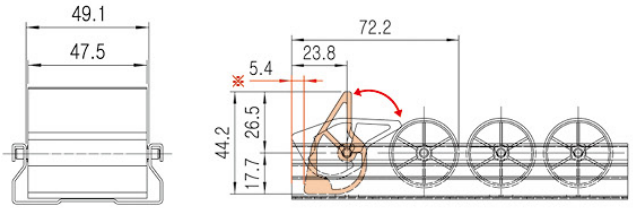


SR-60A Stop Roller



Material	Aluminum
Weight	0.046kg
Q'ty/Box	80pcs

※ The Intervals of 15mm

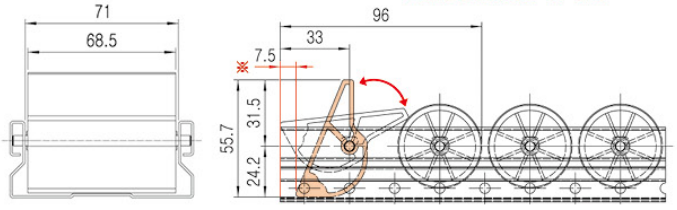


SR-85A Stop Roller

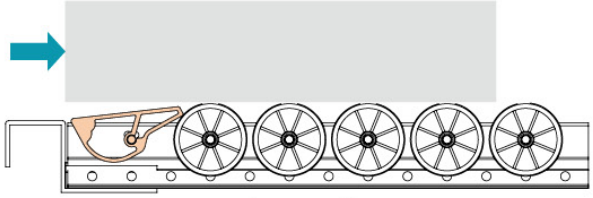


Material	Aluminum
Weight	0.078kg
Q'ty/Box	40pcs

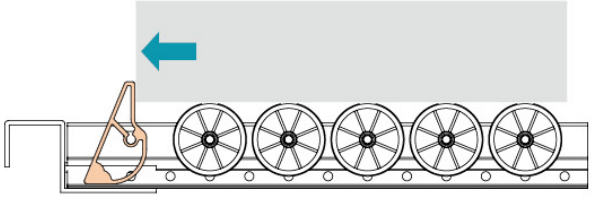
※ The Intervals of 15mm



〈APPLICATION EXAMPLE OF STOP ROLLER〉



(Loading)

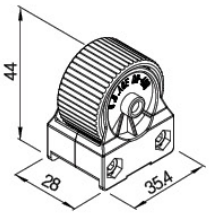


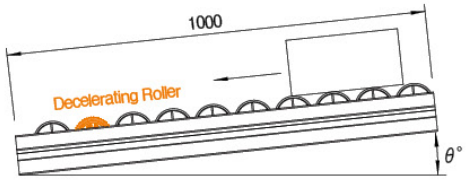
(Stopping Backflow)

Unit : mm

DR-40R Decelerating Roller



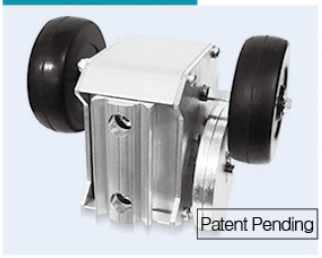


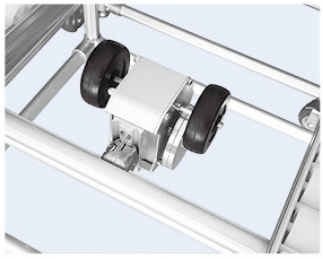


Material	TPU
Weight	0.035kg
Q'ty/Box	120pcs

Roller Q'ty	Max. Box Brake Weight per Slope					Remark
	θ =1.5°	θ =2.0°	θ =2.5°	θ =3.0°	θ =3.5°	
1set(2ea)	32Kg	25Kg	6 Kg	4 Kg	2.5 Kg	Roller Load =1.4Kgf/ea
2set(4ea)	-	32Kg	12Kg	9 Kg	5 Kg	

ACA-308B Decelerator

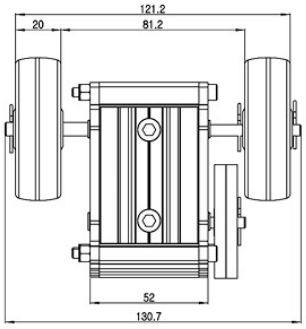


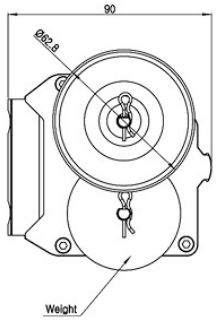


- Max. Weight : 10Kg
- Q'ty/Box : 6set

※ ACA-308B is sold basically

PART NO.	ACA-308A	ACA-308B	ACA-308C
Weight Size	Ø 50	Ø 60	Ø 70
Weight(g/Set)	794g	864g	940g
Torque (gf. cm)	160~180gf.cm	280gf.cm	380~400gf.cm



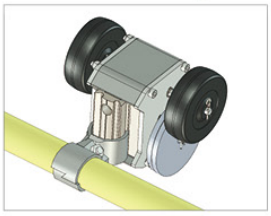


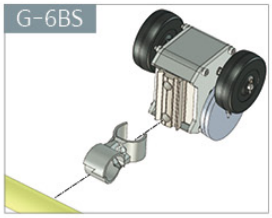
※ Sold separately

W-50	W-60	W-70
Ø 50 (75g)	Ø 60 (110g)	Ø 70 (148g)

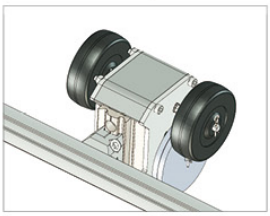
APPLICATIONS OF DECELERATOR

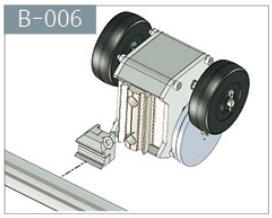
STS & Coated Pipe (Ø28)



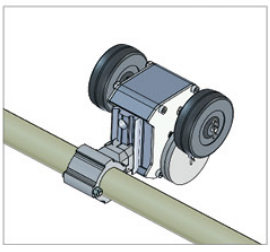


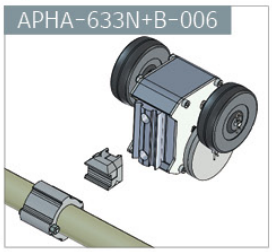
Aluminum Pipe

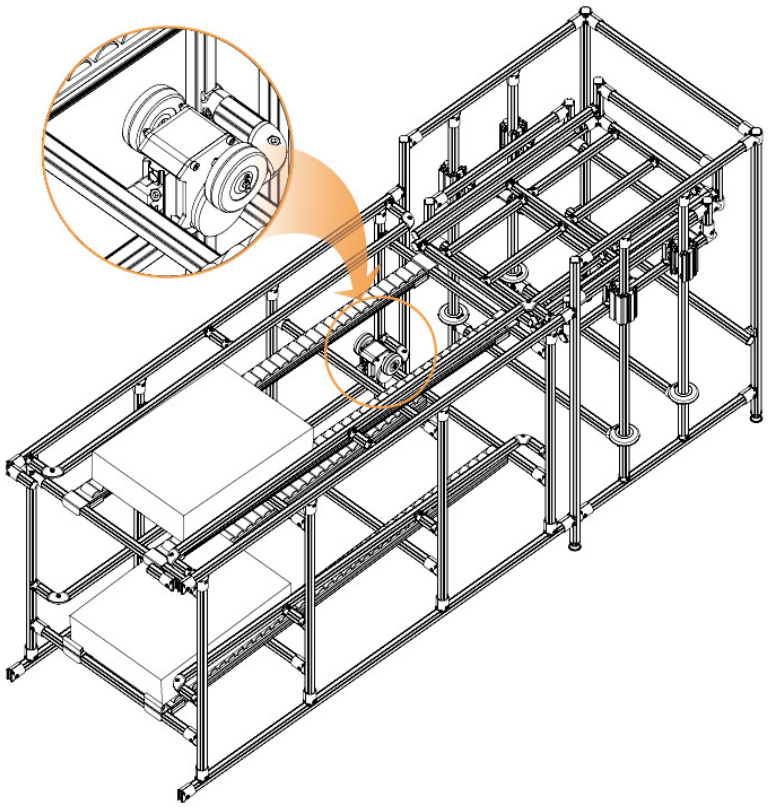




STS & Coated Pipe (Ø28)







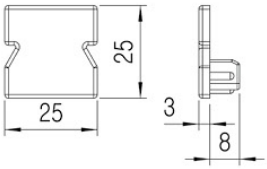
ROLLER TRACK CAP

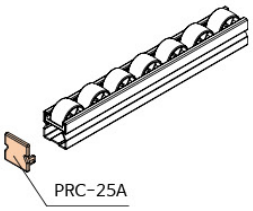
Unit : mm

PRC-25A Roller Track Cap (For GPR25 AL Body)



Material	ABS
Weight	0.002kg
Qty/Box	1,500pcs

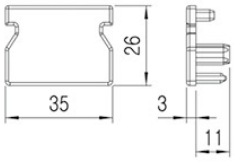


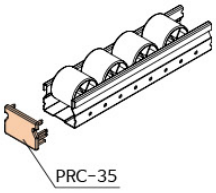


PRC-35 Roller Track Cap (For GP35 GI Body)



Material	ABS
Weight	0.004kg
Qty/Box	1,000pcs

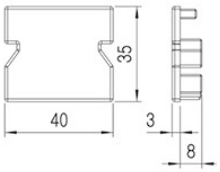


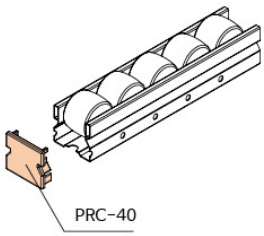


PRC-40 Roller Track Cap (For GP40 GI Body)



Material	ABS
Weight	0.005kg
Qty/Box	1,000pcs

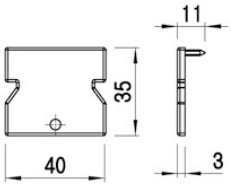


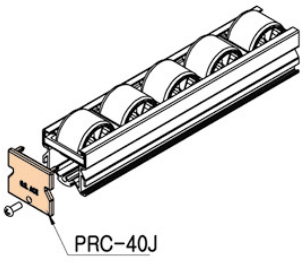


PRC-40J Roller Track Cap (For GPRJ40, GPRS40 AL Body)



Material	ABS
Weight	0.005kg
Qty/Box	1,000pcs

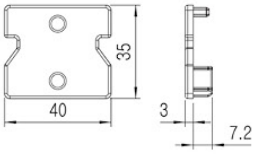


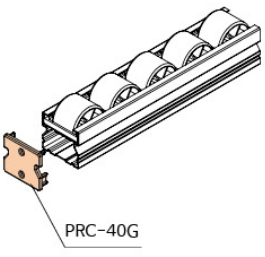


PRC-40G Roller Track Cap (For GPR40 GI Body)



Material	ABS
Weight	0.005kg
Qty/Box	1,000pcs





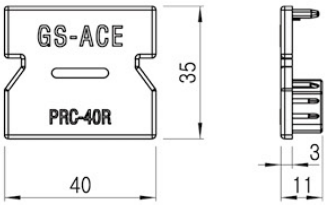
ROLLER TRACK CAP

Unit : mm

PRC-40R Roller Track Cap (For GPR40 AL & GI Body Common Use)



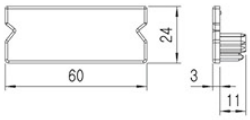
Material	ABS
Weight	0.004 kg
Q'ty/Box	1,000 pcs

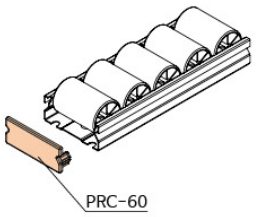


PRC-60 Roller Track Cap (For GP60 GI Body)



Material	ABS
Weight	0.006kg
Qty/Box	600pcs

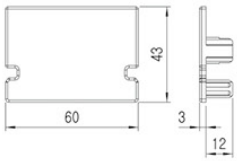


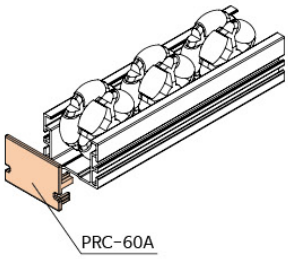


PRC-60A Roller Track Cap (For UR60 AL Body)



Material	ABS
Weight	0.009kg
Qty/Box	600pcs

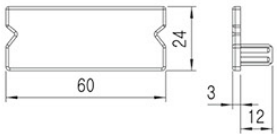


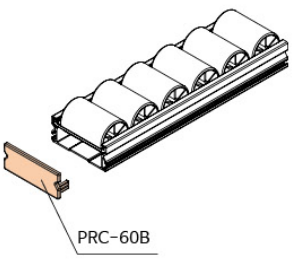


PRC-60B Roller Track Cap (For GPR60 AL Body)



Material	ABS
Weight	0.009kg
Qty/Box	600pcs

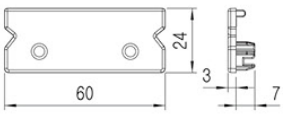


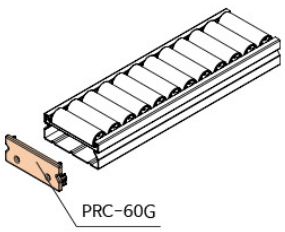


PRC-60G Roller Track Cap (For GPR60 GI Body)



Material	ABS
Weight	0.006kg
Qty/Box	600pcs





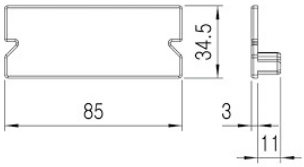
ROLLER TRACK CAP

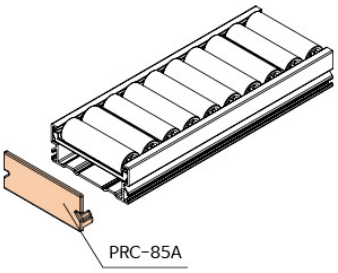
Unit : mm

PRC-85A Roller Track Cap (For GPR85 AL Body)



Material	ABS
Weight	0.010kg
Qty/Box	400pcs

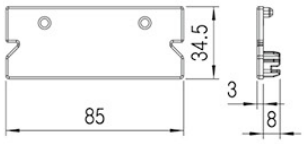


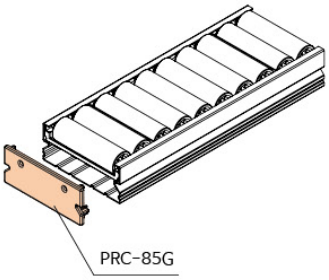


PRC-85G Roller Track Cap (For GPR85 GI Body)



Material	ABS
Weight	0.010kg
Qty/Box	400pcs

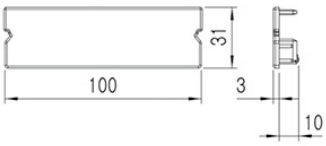


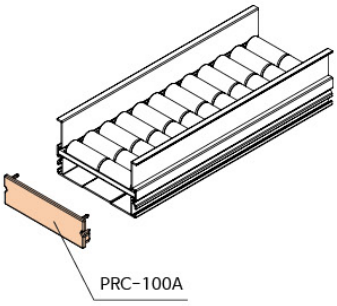


PRC-100A Roller Track Cap (For GPR100 AL Body)



Material	ABS
Weight	0.011kg
Qty/Box	400pcs





ROLLER MOUNTING BRACKETS

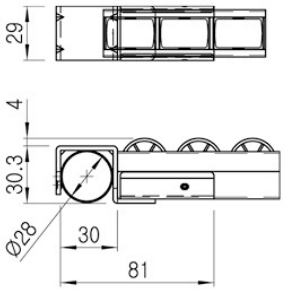
ROLLER MOUNTING BRACKET (25 Series)

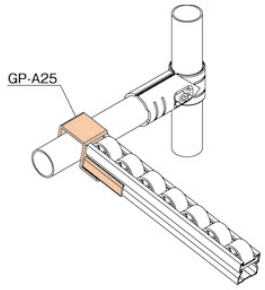
Surface Treatment-WZ
Unit : mm

GP-A25 Roller Mounting Bracket



Material	Steel
Weight	0.082kg
Qty/Box	90pcs

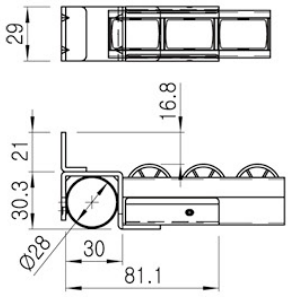


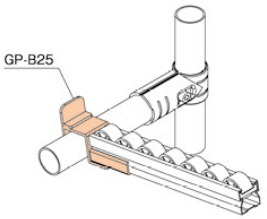


GP-B25 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.18kg
Qty/Box	60pcs

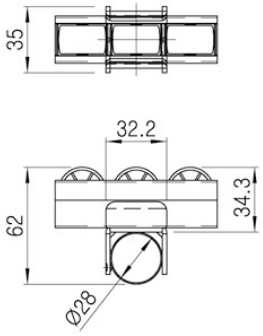


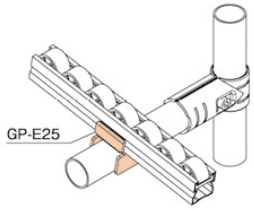


GP-E25 Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.057kg
Qty/Box	120pcs





ROLLER MOUNTING BRACKETS

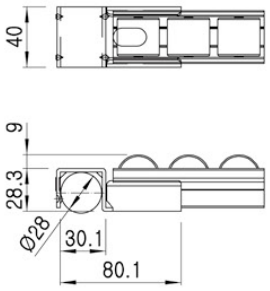
ROLLER TRACK MOUNTING BRKT (35 Series)

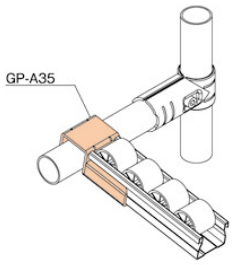
Unit : mm

GP-A35 Roller Mounting Bracket



Material	Steel
Weight	0.111kg
Qty/Box	80pcs

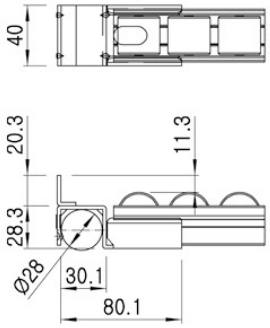


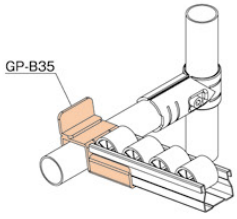


GP-B35 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.132kg
Qty/Box	60pcs



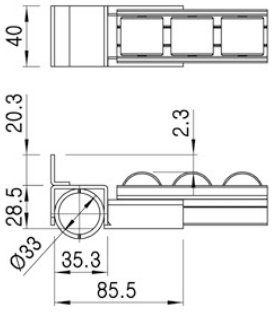


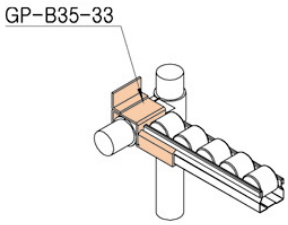
GP-B35-33 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.132kg
Qty/Box	60pcs

Bracket for assembling on the Joint

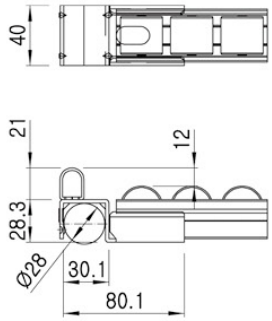


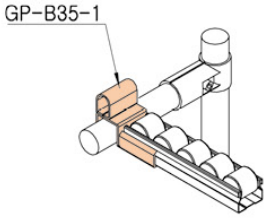


GP-B35-1 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.140kg
Qty/Box	70pcs



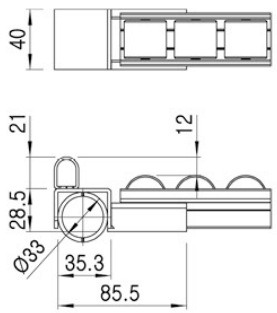


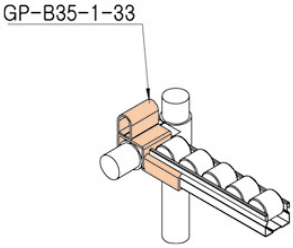
GP-B35-1-33 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.140kg
Qty/Box	60pcs

Bracket for assembling on the Joint

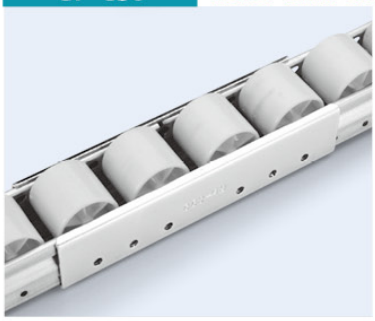




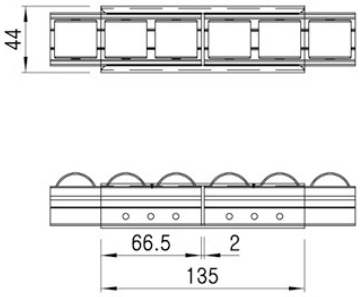
ROLLER MOUNTING BRACKETS

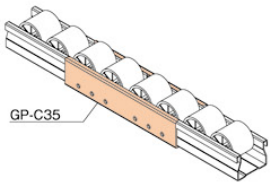
Unit : mm

GP-C35 Roller Track Union



Material	Steel
Weight	0.148kg
Qty/Box	60pcs

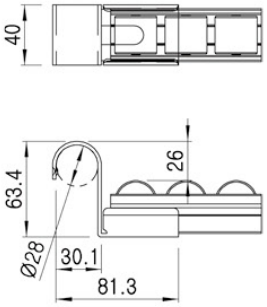


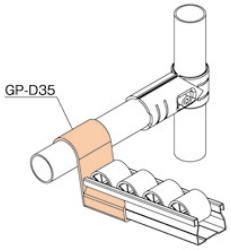


GP-D35 Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.130kg
Qty/Box	70pcs

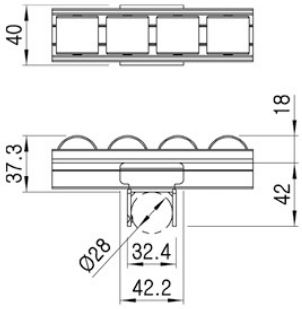


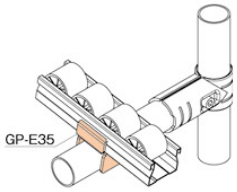


GP-E35 Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.064kg
Qty/Box	120pcs

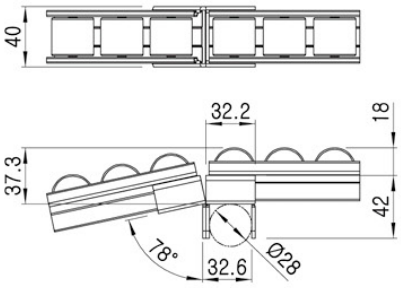


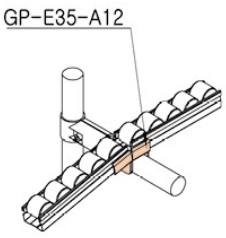


GP-E35-A12 Roller Mounting Bracket / Center Support

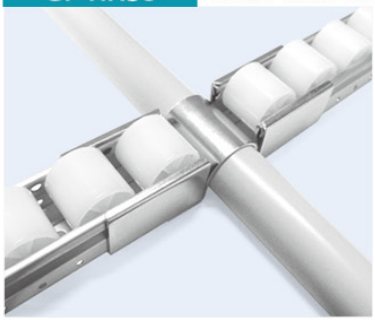


Material	Steel
Weight	0.117kg
Qty/Box	60pcs

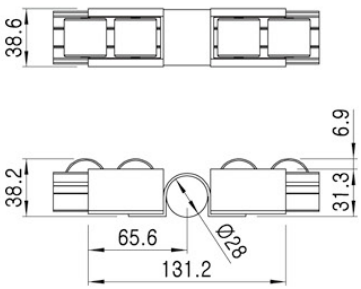


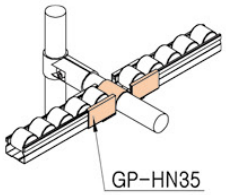


GP-HN35 Roller Track Union



Material	Steel
Weight	0.175kg
Qty/Box	36pcs





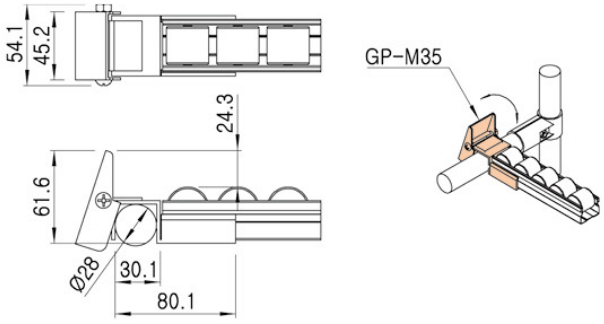
ROLLER MOUNTING BRACKETS

Unit : mm

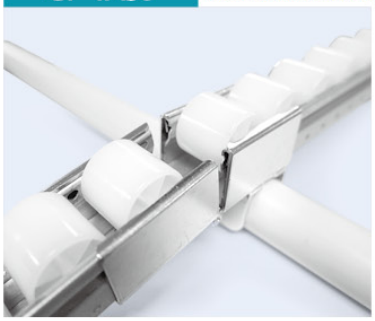
GP-M35 Roller Mounting Bracket



Material	Steel
Weight	0.210kg
Qty/Box	30pcs

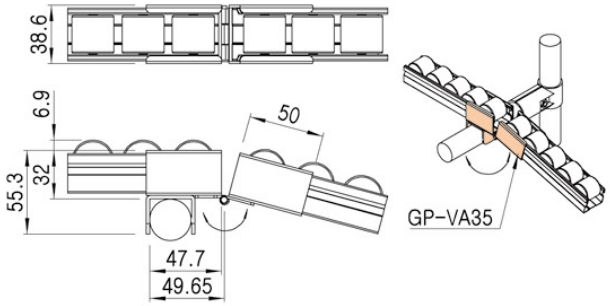


GP-VA35 Roller Mounting Bracket



Material	Steel
Weight	0.190kg
Qty/Box	45pcs

Roller Track angle can be changed



ROLLER MOUNTING BRACKETS

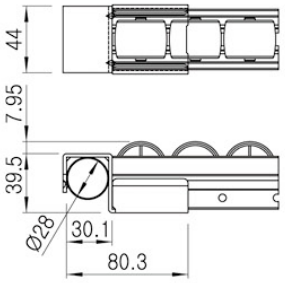
ROLLER MOUNTING BRACKET (40 Series)

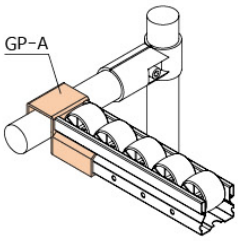
Surface Treatment-WZ
Unit : mm

GP-A Roller Mounting Bracket



Material	Steel
Weight	0.141kg
Qty/Box	80pcs

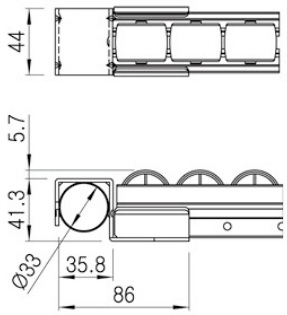


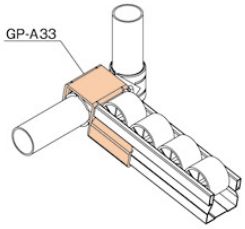


GP-A33 Roller Mounting Bracket

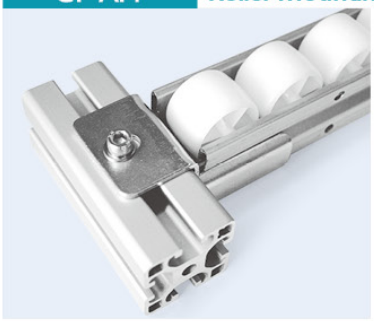


Material	Steel
Weight	0.142kg
Qty/Box	60pcs



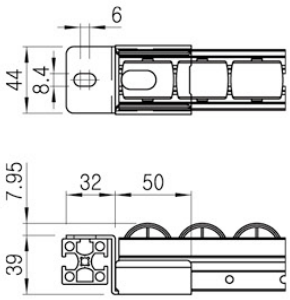


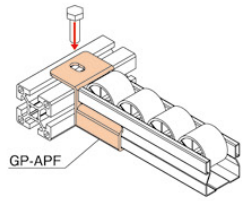
GP-APF Roller Mounting Bracket



Material	Steel
Weight	0.124kg
Qty/Box	80pcs

Bracket for 30x30 Profile

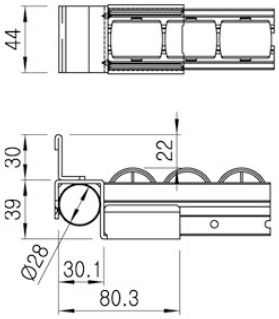


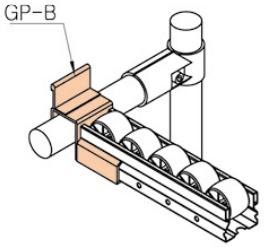


GP-B Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.180kg
Qty/Box	60pcs

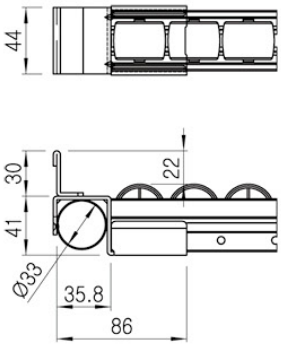


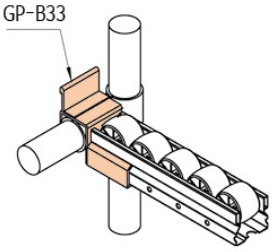


GP-B33 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.173kg
Qty/Box	50pcs





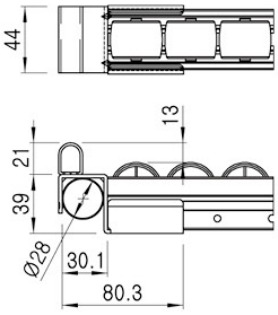
ROLLER MOUNTING BRACKETS

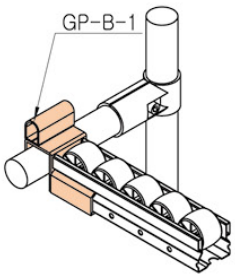
Surface Treatment-WZ
Unit : mm

GP-B-1 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.174kg
Qty/Box	50pcs

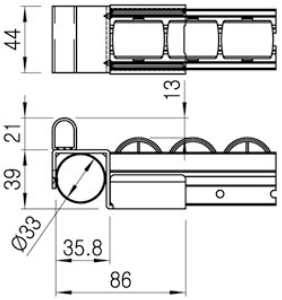


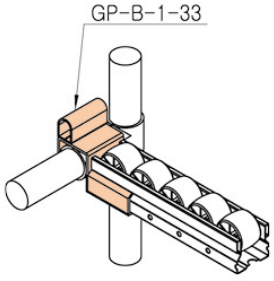


GP-B-1-33 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.174kg
Qty/Box	40pcs

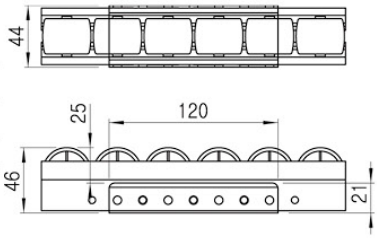


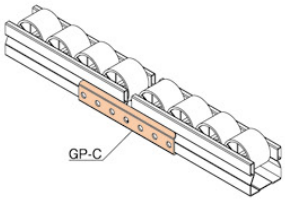


GP-C Roller Track Union



Material	Steel
Weight	0.121kg
Qty/Box	80pcs

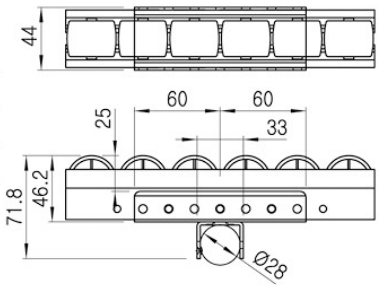


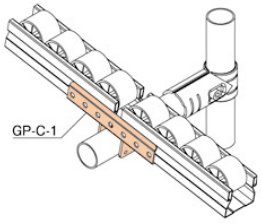


GP-C-1 Roller Track Union / Center Support



Material	Steel
Weight	0.170kg
Qty/Box	40pcs

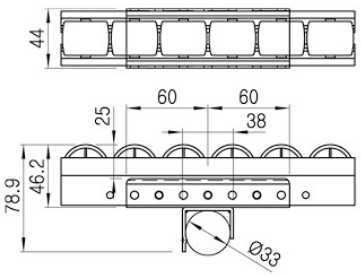


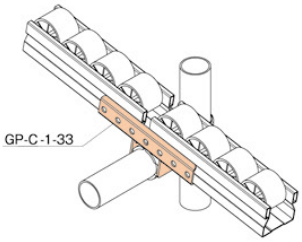


GP-C-1-33 Roller Track Union / Center Support



Material	Steel
Weight	0.170kg
Qty/Box	32pcs





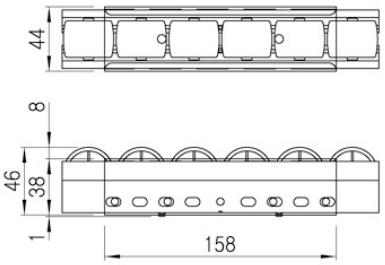
ROLLER MOUNTING BRACKETS

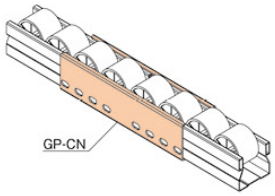
Surface Treatment-WZ
Unit : mm

GP-CN Roller Track Union

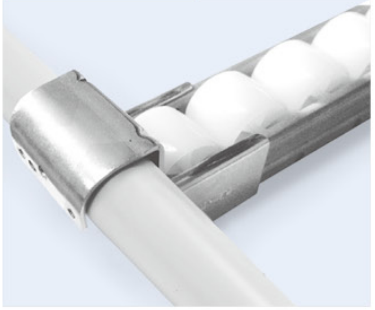


Material	Steel
Weight	0.232kg
Qty/Box	36pcs

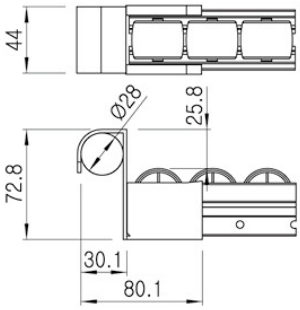


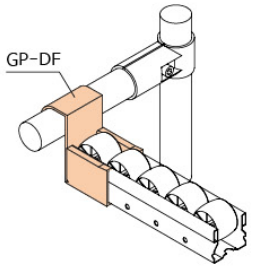


GP-DF Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.194kg
Qty/Box	50pcs



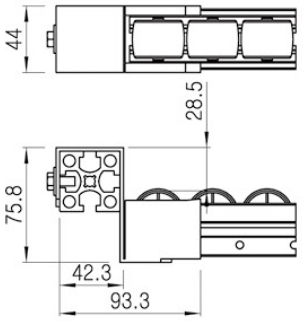


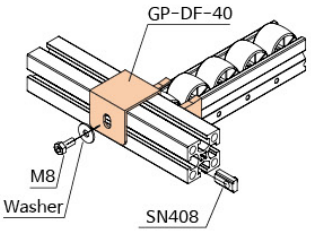
GP-DF-40 Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.220kg
Qty/Box	30pcs

Bracket for 40x40 Profile

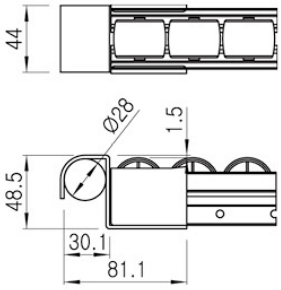


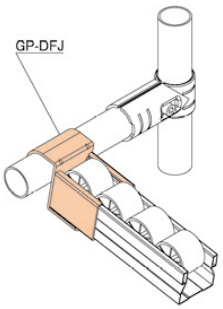


GP-DFJ Roller Mounting Bracket

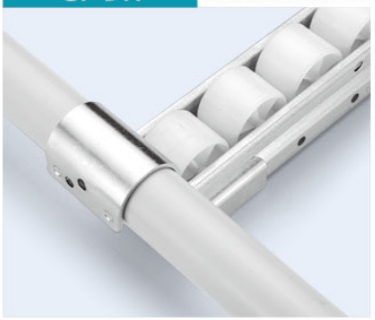


Material	Steel
Weight	0.194kg
Qty/Box	60pcs

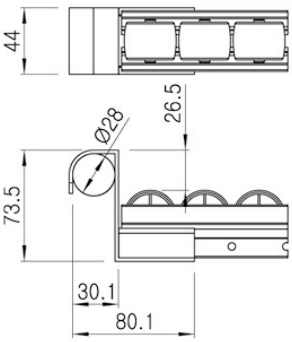


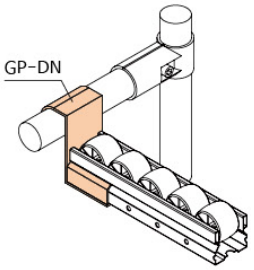


GP-DN Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.160kg
Qty/Box	70pcs





ROLLER MOUNTING BRACKETS

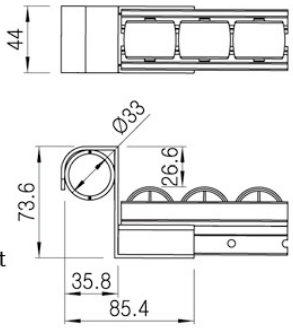
Surface Treatment-WZ
Unit : mm

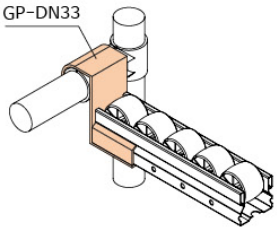
GP-DN33 Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.165kg
Qty/Box	70pcs

Bracket for assembling on the Joint

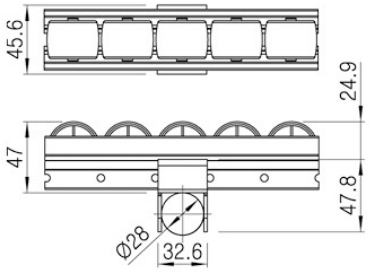


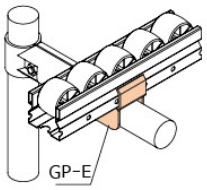


GP-E Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.079kg
Qty/Box	100pcs

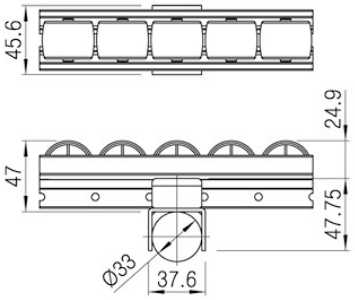


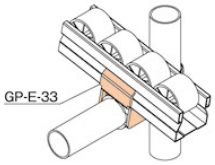


GP-E-33 Roller Mounting Bracket / Center Support



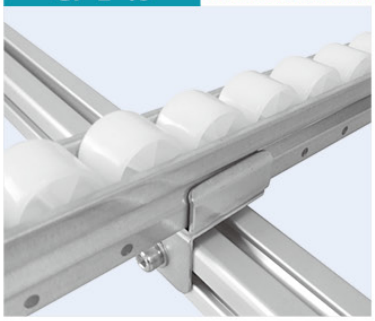
Material	Steel
Weight	0.085kg
Qty/Box	100pcs



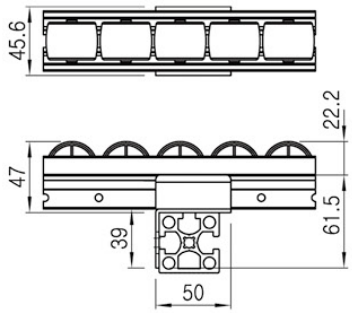


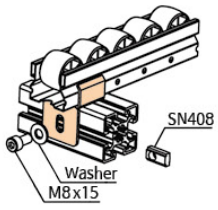
NEW

GP-E-45 Roller Mounting Bracket



Material	Steel
Weight	0.142kg
Qty/Box	140pcs

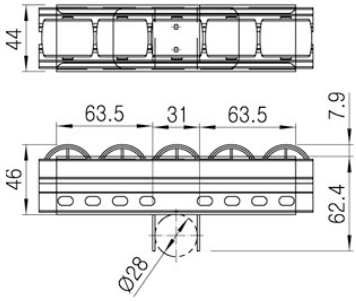


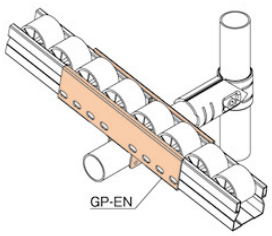


GP-EN Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.217kg
Qty/Box	20pcs





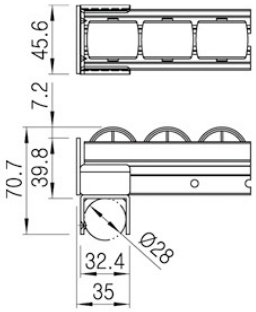
ROLLER MOUNTING BRACKETS

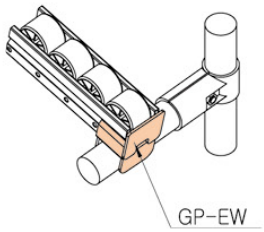
Unit : mm

GP-EW Roller Mounting Bracket



Material	Steel
Weight	0.107kg
Qty/Box	70pcs

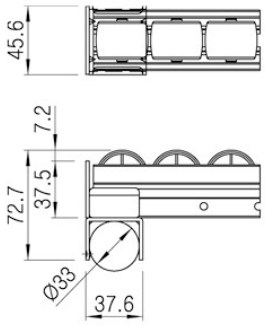


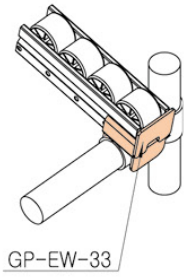


GP-EW-33 Roller Mounting Bracket



Material	Steel
Weight	0.115kg
Qty/Box	70pcs

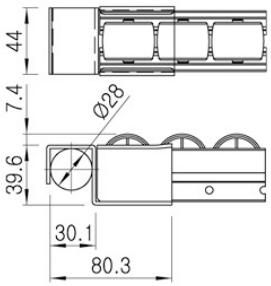


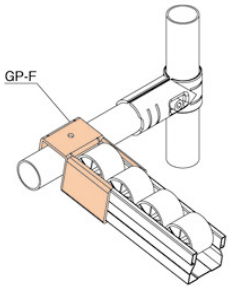


GP-F Roller Mounting Bracket



Material	Steel
Weight	0.175kg
Qty/Box	60pcs



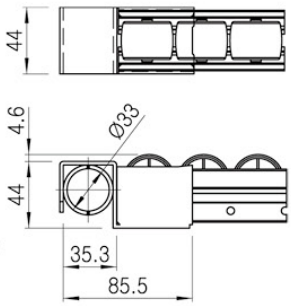


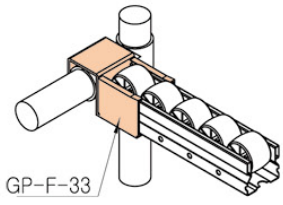
GP-F-33 Roller Mounting Bracket



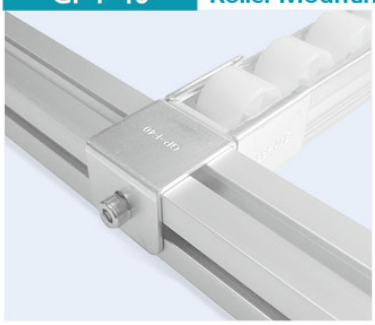
Material	Steel
Weight	0.190kg
Qty/Box	36pcs

Bracket for assembling on the Joint



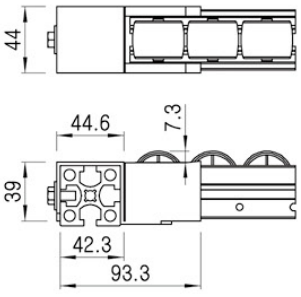


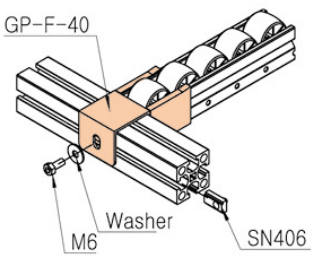
GP-F-40 Roller Mounting Bracket



Material	Steel
Weight	0.200kg
Qty/Box	50pcs

Bracket for 40x40 Profile





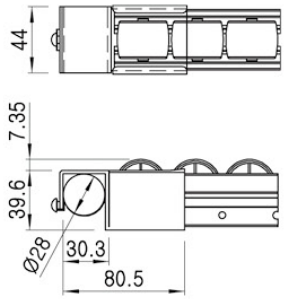
ROLLER MOUNTING BRACKETS

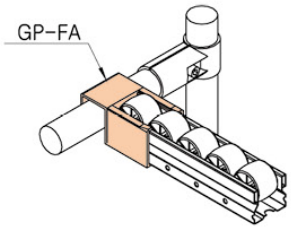
Unit : mm

GP-FA Roller Mounting Bracket

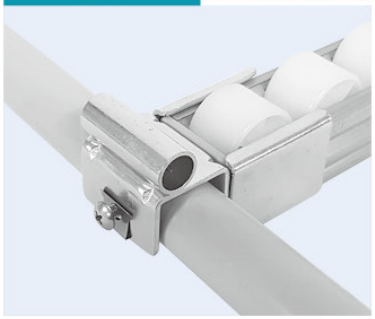


Material	Steel
Weight	0.19kg
Qty/Box	50pcs



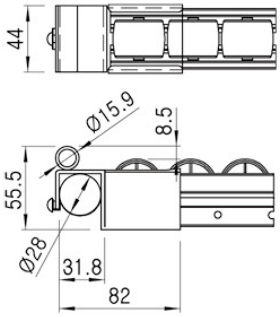


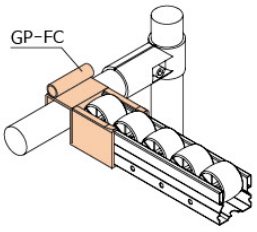
GP-FC Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.200kg
Qty/Box	42pcs

Installation Location can be changed easily by using Bol

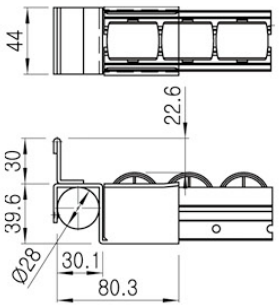


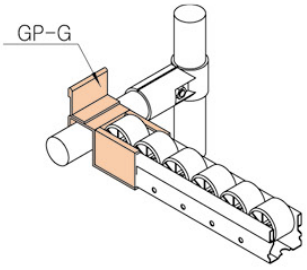


GP-G Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.205kg
Qty/Box	40pcs



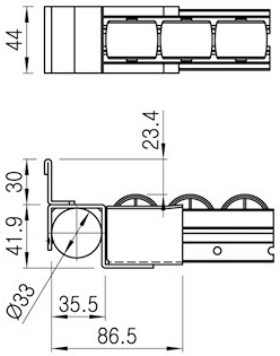


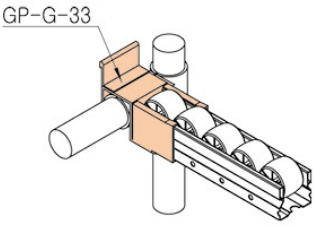
GP-G-33 Roller Mounting Bracket



Material	Steel
Weight	0.220kg
Qty/Box	30pcs

Bracket for assembling on the Join

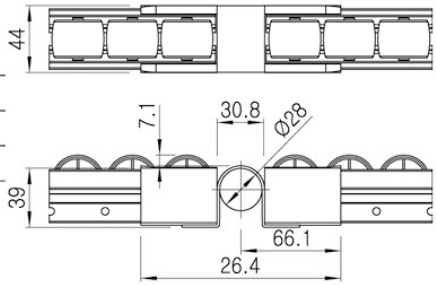


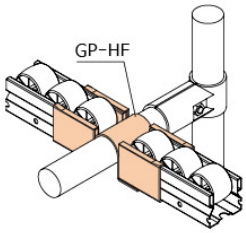


GP-HF Roller Track Union



Material	Steel
Weight	0.230kg
Qty/Box	24pcs





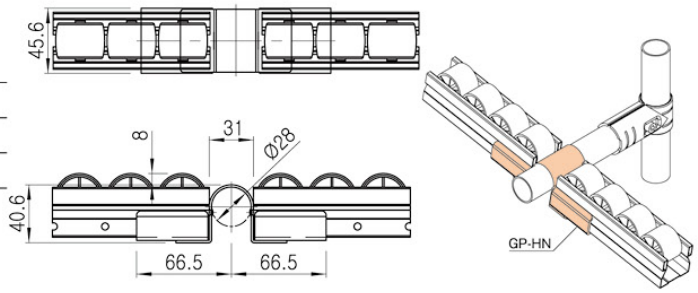
ROLLER MOUNTING BRACKETS

Unit : mm
Surface Treatment-WZ

GP-HN Roller Track Union



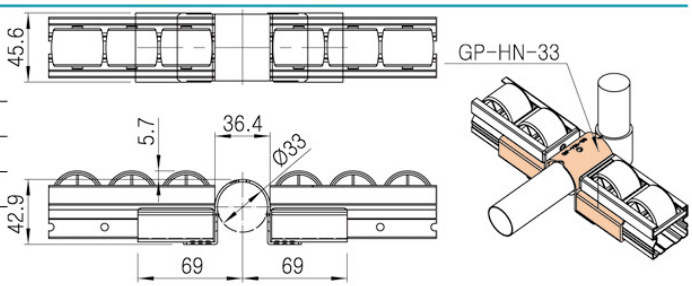
Material	Steel
Weight	0.279kg
Qty/Box	30pcs



GP-HN-33 Roller Track Mounting Bracket



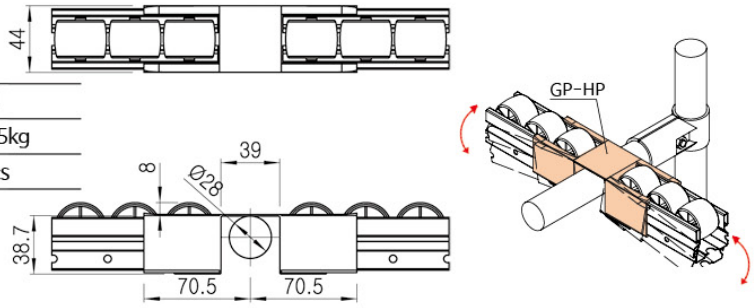
Material	Steel
Weight	0.323kg
Qty/Box	30pcs



GP-HP Roller Mounting Bracket



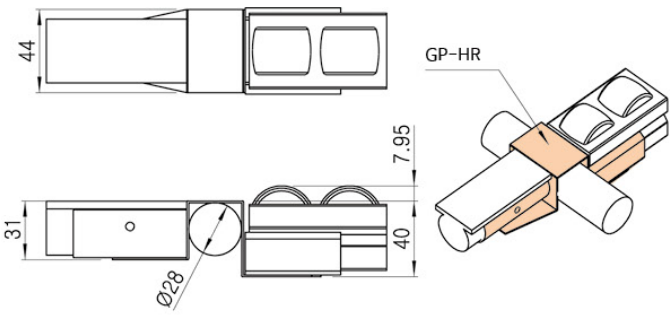
Material	Steel
Weight	0.215kg
Qty/Box	24pcs



GP-HR Roller Mounting Bracket



Material	Steel
Weight	0.191 kg
Q'ty/Box	30 pcs

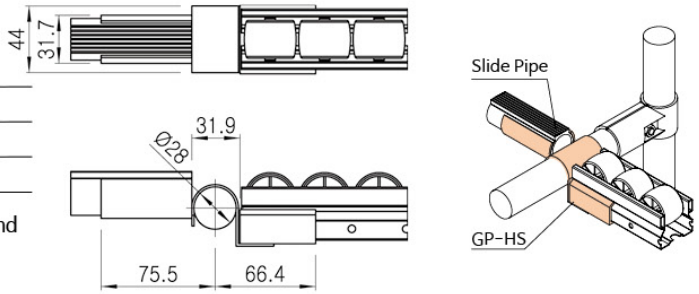


GP-HS Adjustable Roller to Slide Pipe Union



Material	Steel
Weight	0.200kg
Qty/Box	40pcs

Height of 40 Series Roller and Slide Pipe is same



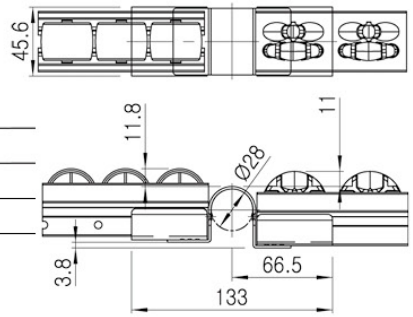
ROLLER MOUNTING BRACKETS

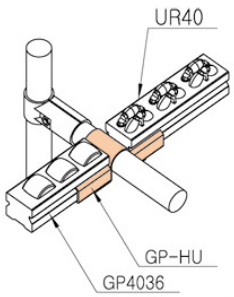
Surface Treatment-WZ
Unit : mm

GP-HU Roller Mounting Bracket



Material	Steel
Weight	0.230kg
Qty/Box	30pcs



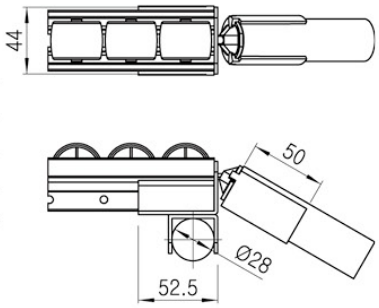


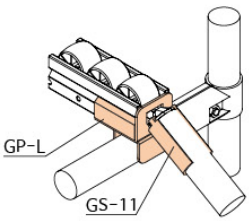
GP-K Roller Mounting Bracket



Material	Steel
Weight	-
Qty/Box	-

Bracket installs Slide Pipe at an angle to the Roller

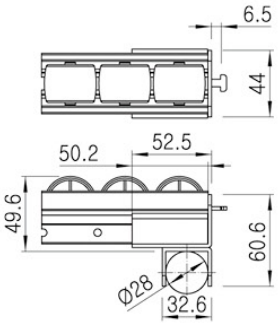


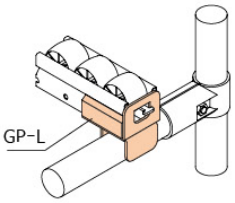


GP-L Roller Mounting Bracket



Material	Steel
Weight	0.144kg
Qty/Box	60pcs



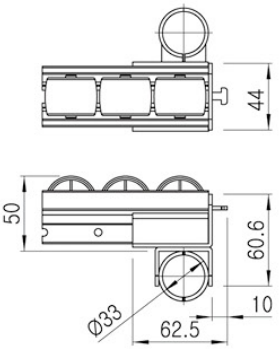


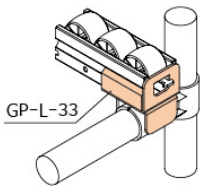
GP-L-33 Roller Mounting Bracket



Material	Steel
Weight	0.150kg
Qty/Box	60 pcs

Bracket for assembling on the Joint

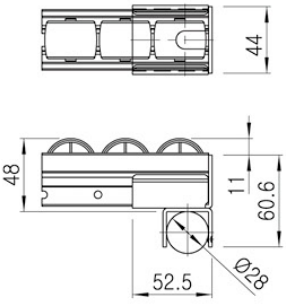


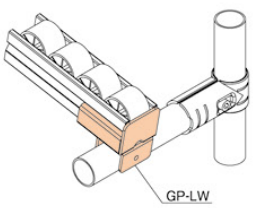


GP-LW Roller Mounting Bracket



Material	Steel
Weight	0.144kg
Qty/Box	70 pcs





ROLLER MOUNTING BRACKETS

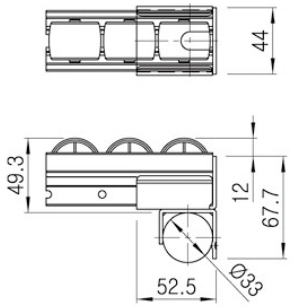
Surface Treatment-WZ
Unit : mm

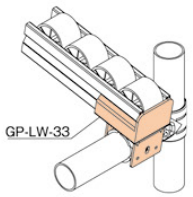
GP-LW-33 Roller Mounting Bracket



Material	Steel
Weight	0.150kg
Qty/Box	70pcs

Bracket for assembling on the Joint

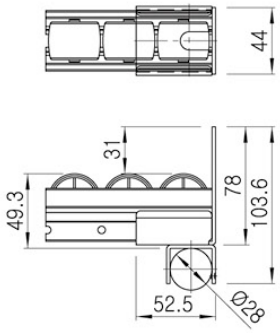


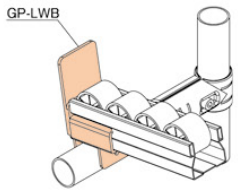


GP-LWB Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.180kg
Qty/Box	50pcs



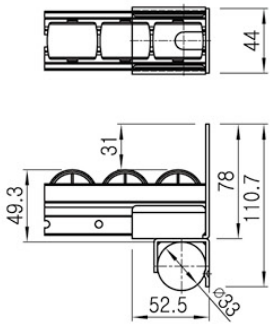


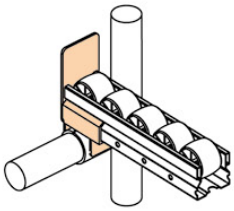
NEW

GP-LWB-33 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.190kg
Qty/Box	50pcs

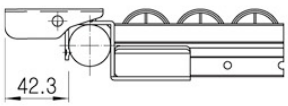


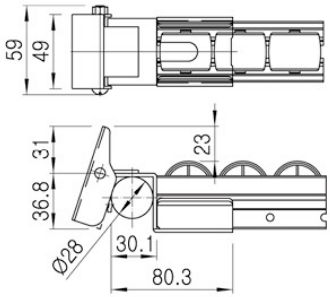


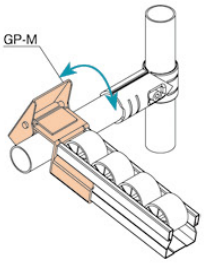
GP-M Roller Mounting Bracket



Material	Steel
Weight	0.239kg
Qty/Box	30 pcs



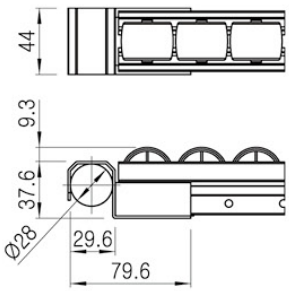


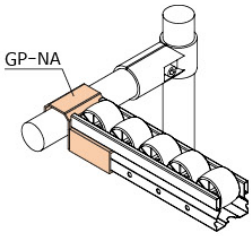


GP-NA Roller Mounting Bracket



Material	Steel
Weight	0.100kg
Qty/Box	80 pcs





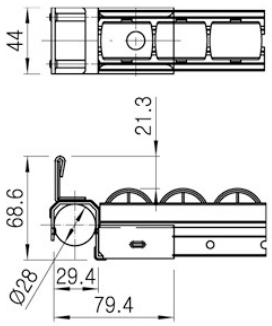
ROLLER MOUNTING BRACKETS

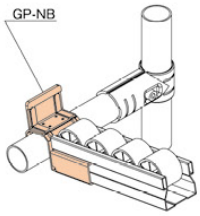
Surface Treatment-WZ
Unit : mm

GP-NB Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.129kg
Qty/Box	60 pcs



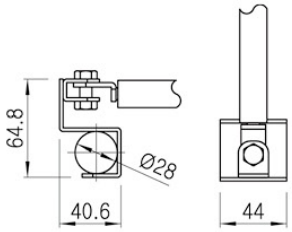


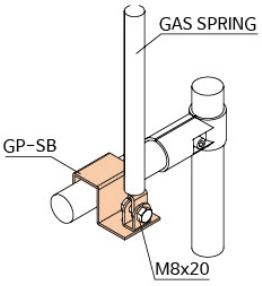
GP-SB Absorber Mounting Bracket



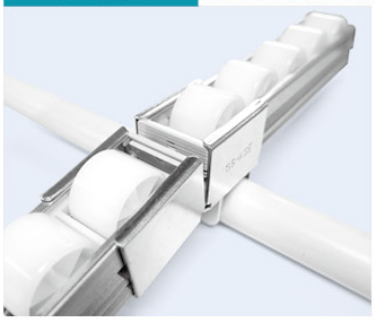
Material	Steel
Weight	0.107kg
Qty/Box	70pcs

Bracket for Gas Spring



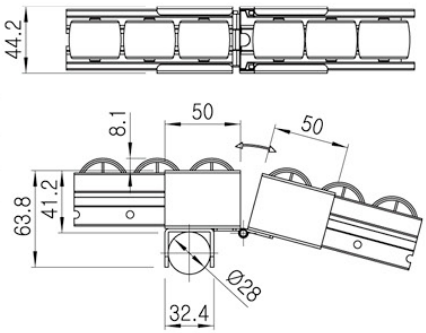


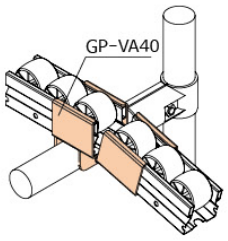
GP-VA40 Roller Mounting Bracket



Material	Steel
Weight	0.220kg
Qty/Box	35pcs

Roller Track angle can be changed

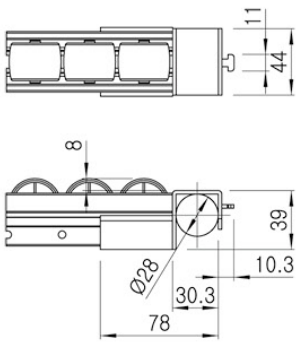


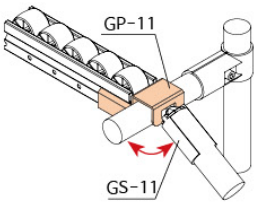


GP-11 Adjustable Roller Union



Material	Steel
Weight	0.131kg
Qty/Box	60 pcs

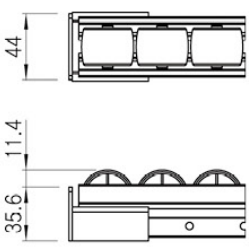


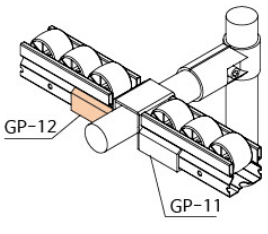


GP-12 Adjustable Roller Union



Material	Steel
Weight	0.096kg
Qty/Box	180pcs



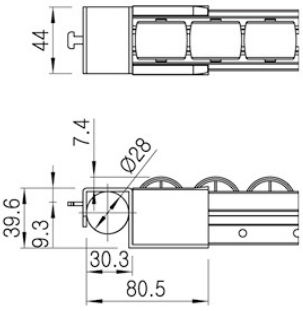


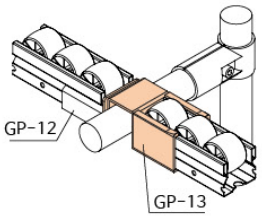
Surface Treatment-WZ
Unit : mm

GP-13 Adjustable Roller Union



Material	Steel
Weight	0.173kg
Qty/Box	40pcs

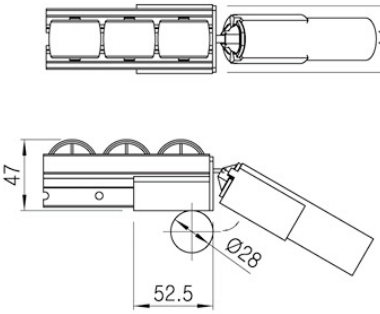


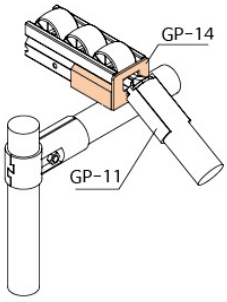


GP-14 Adjustable Roller Union



Material	Steel
Weight	0.096kg
Qty/Box	140pcs





ROLLER MOUNTING BRACKETS

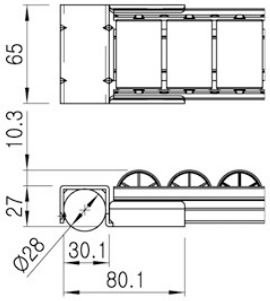
ROLLER MOUNTING BRACKET (60 Series)

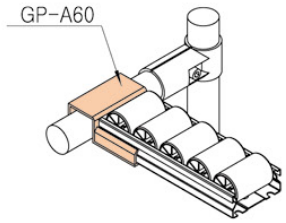
Surface Treatment-WZ
Unit : mm

GP-A60 Roller Mounting Bracket



Material	Steel
Weight	0.164kg
Qty/Box	60pcs



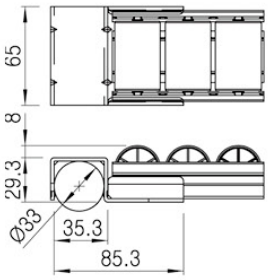


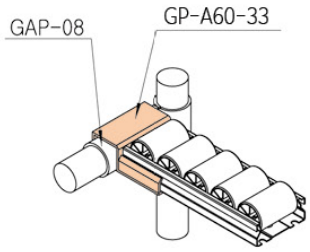
GP-A60-33 Roller Mounting Bracket



Material	Steel
Weight	0.164kg
Qty/Box	50pcs

Insert GAP-08 to bridge a gap



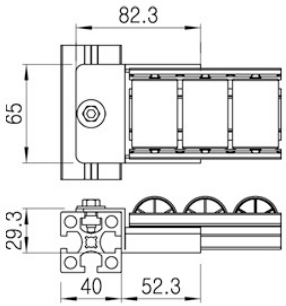


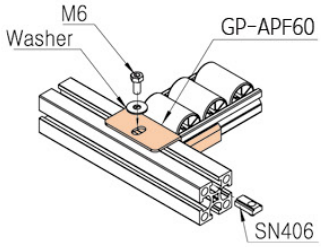
GP-APF60 Roller Mounting Bracket



Material	Steel
Weight	0.140kg
Qty/Box	50pcs

Bracket for 40x40 Profile

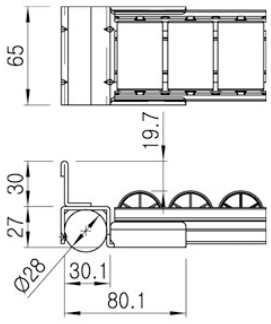


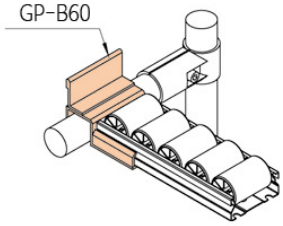


GP-B60 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.250kg
Qty/Box	30pcs



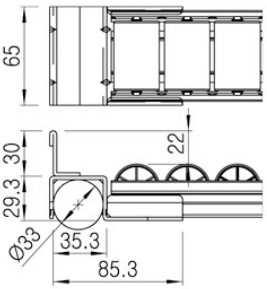


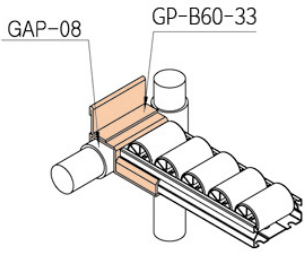
GP-B60-33 Roller Mounting Bracket /Tap Stop



Material	Steel
Weight	0.250kg
Qty/Box	20pcs

Insert GAP-08 to bridge a gap





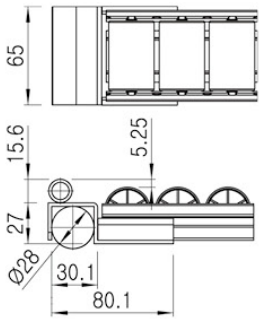
ROLLER MOUNTING BRACKETS

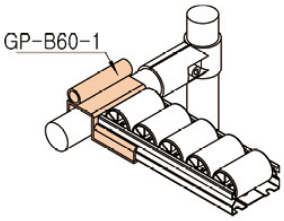
Surface Treatment-WZ
Unit : mm

GP-B60-1 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.220kg
Qty/Box	30pcs

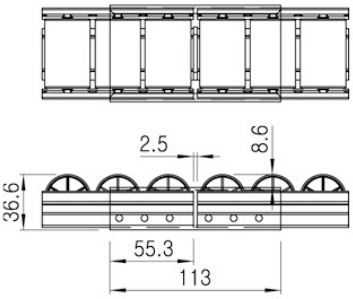


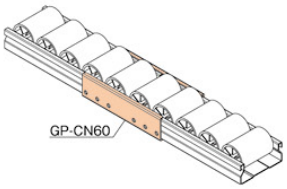


GP-CN60 Roller Track Union



Material	Steel
Weight	0.168kg
Qty/Box	68pcs

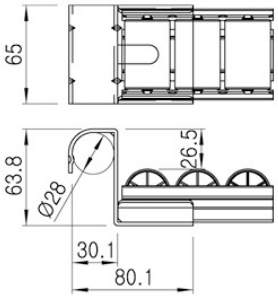


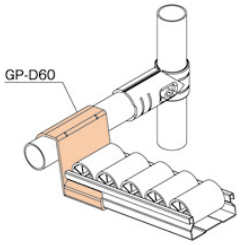


GP-D60 Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.205kg
Qty/Box	40pcs



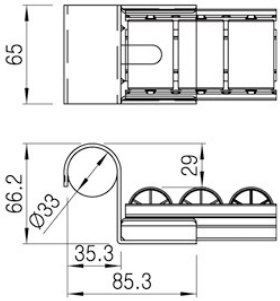


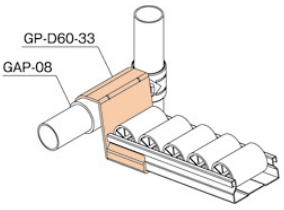
GP-D60-33 Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.205kg
Qty/Box	40pcs

Insert GAP-08 to bridge a gap

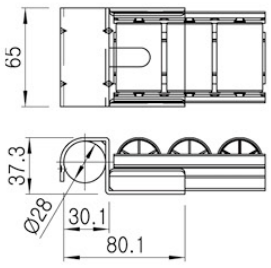


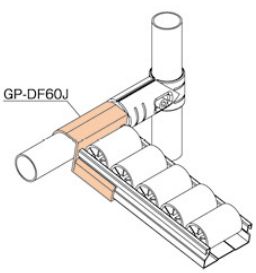


GP-DF60J Roller Mounting Bracket



Material	Steel
Weight	0.174kg
Qty/Box	40pcs

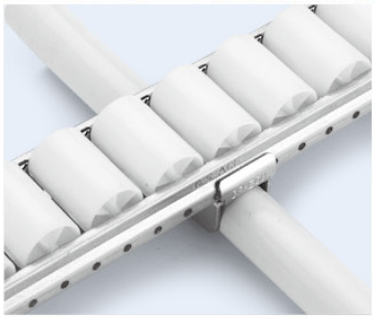




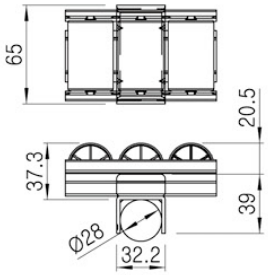
ROLLER MOUNTING BRACKETS

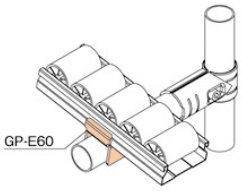
Surface Treatment-WZ
Unit : mm

GP-E60 Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.095kg
Qty/Box	100pcs



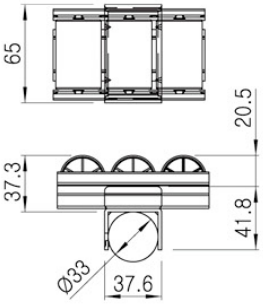


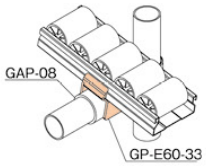
GP-E60-33 Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.095kg
Qty/Box	80pcs

유격방지를 위해
GAP-08을 삽입하세요

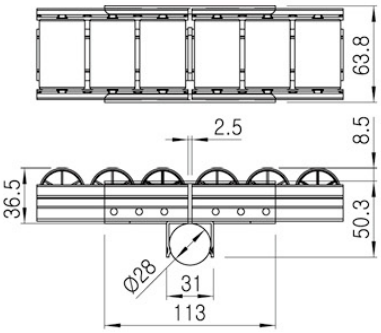


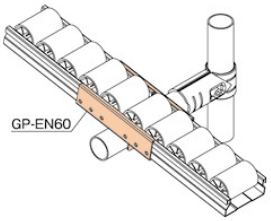


GP-EN60 Roller Track Union / Center Support



Material	Steel
Weight	0.158kg
Qty/Box	20pcs



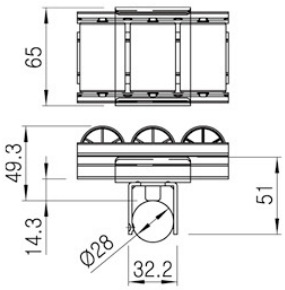


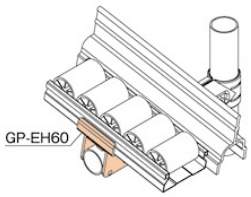
GP-EH60 Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.175kg
Qty/Box	50pcs

Bracket for adjusting Roller height
of 60 Series same with 40 Series



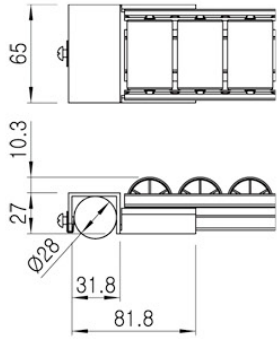


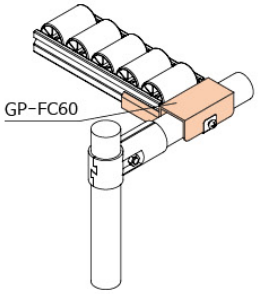
GP-FC60 Roller Mounting Bracket



Material	Steel
Weight	0.168kg
Qty/Box	50pcs

Installation Location can be
changed easily by using Bolt





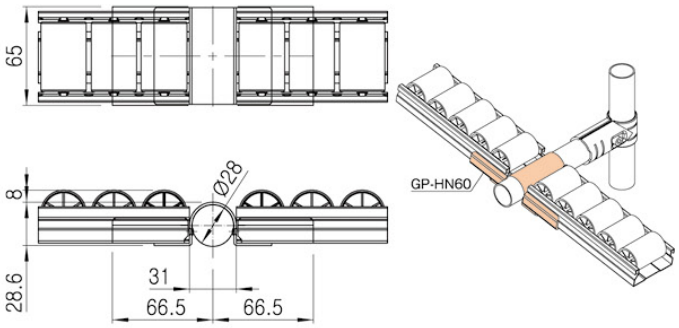
ROLLER MOUNTING BRACKETS

Surface Treatment-WZ
Unit : mm

GP-HN60 Roller Mounting Unoin

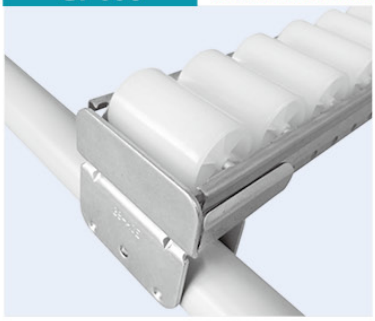


Material	Steel
Weight	0.254kg
Qty/Box	35pcs

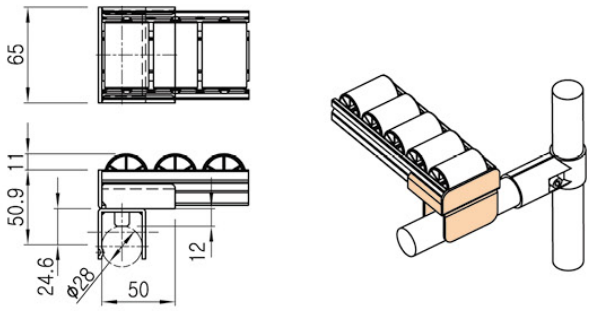


NEW

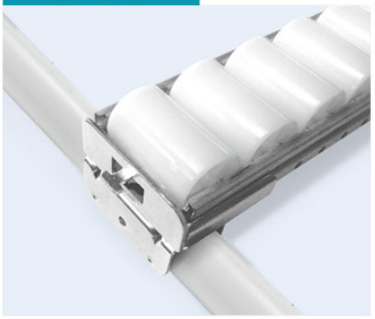
GP-J60 Roller Mounting Bracket



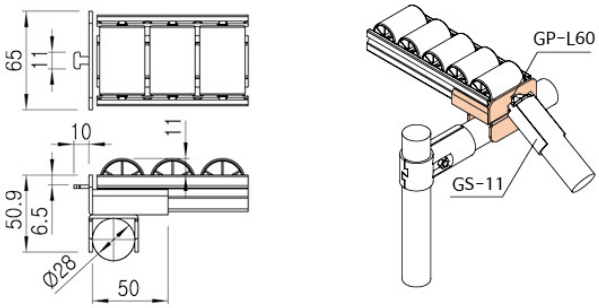
Material	Steel
Weight	0.200kg
Qty/Box	35pcs



GP-L60 Roller Mounting Bracket



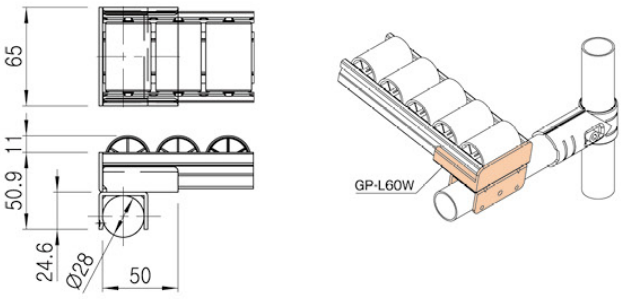
Material	Steel
Weight	0.187kg
Qty/Box	30pcs



GP-L60W Roller Mounting Bracket



Material	Steel
Weight	0.187kg
Qty/Box	30pcs

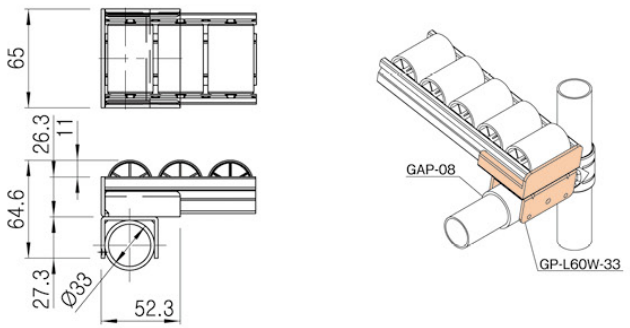


GP-L60W-33 Roller Mounting Bracket



Material	Steel
Weight	0.187kg
Qty/Box	30pcs

Insert GAP-08 to bridge a gap



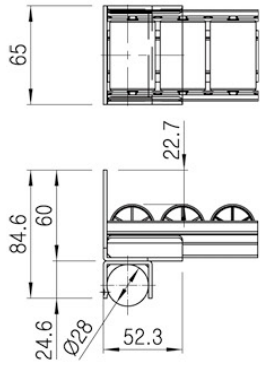
ROLLER MOUNTING BRACKETS

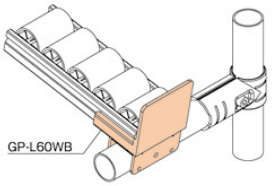
Surface Treatment-WZ
Unit : mm

GP-L60WB Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.220kg
Qty/Box	40pcs

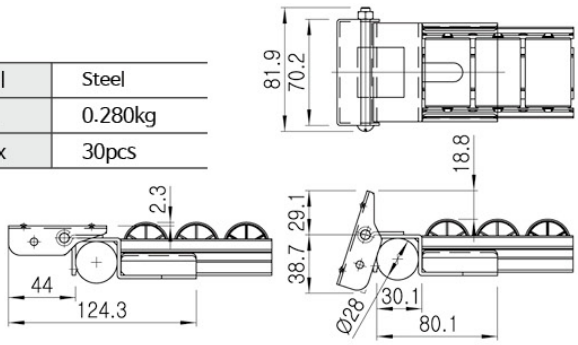


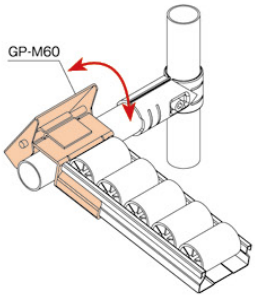


GP-M60 Roller Mounting Bracket



Material	Steel
Weight	0.280kg
Qty/Box	30pcs





ROLLER MOUNTING BRACKETS

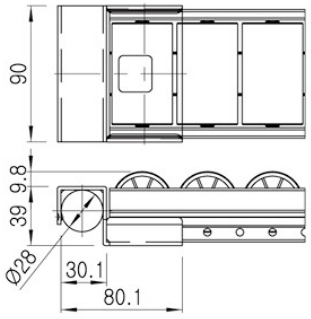
ROLLER MOUNTING BRACKET (85 Series)

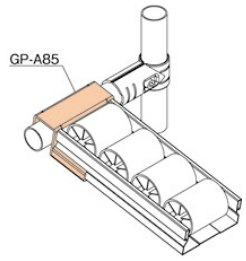
Surface Treatment-WZ
Unit : mm

GP-A85 Roller Mounting Bracket



Material	Steel
Weight	0.205kg
Qty/Box	40pcs



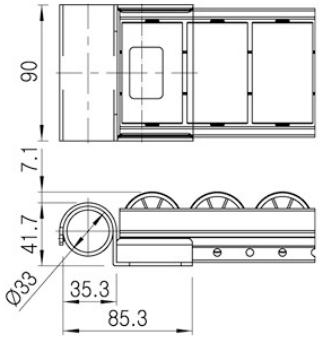


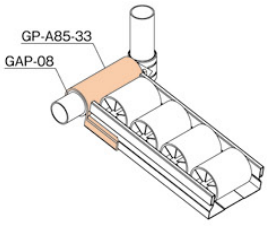
GP-A85-33 Roller Mounting Bracket



Material	Steel
Weight	0.205kg
Qty/Box	40pcs

Insert GAP-08 to bridge a gap



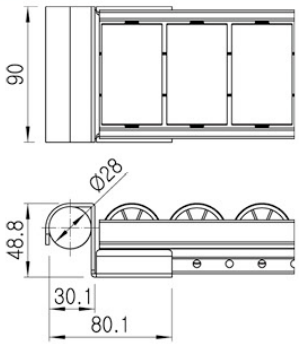


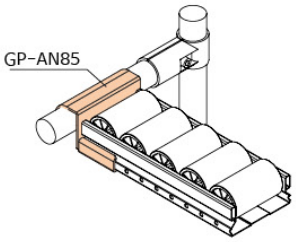
GP-AN85 Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.253kg
Qty/Box	40pcs

Height of Bracket is same with Roller

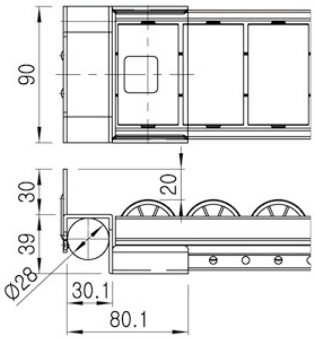


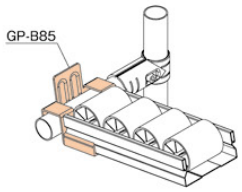


GP-B85 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.300kg
Qty/Box	30pcs

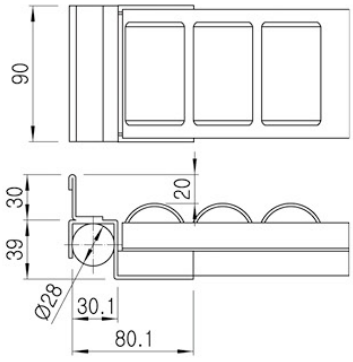


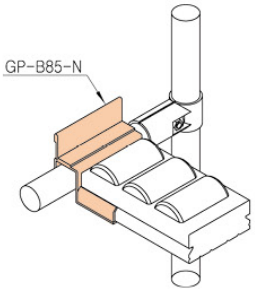


GP-B85-N Roller Mounting Bracket



Material	Steel
Weight	0.170kg
Qty/Box	40pcs





ROLLER MOUNTING BRACKETS

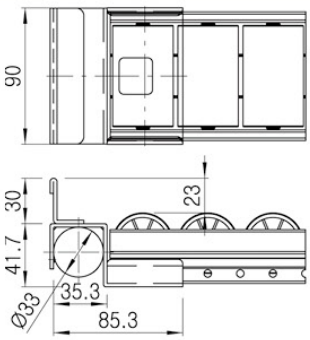
Surface Treatment-WZ
Unit : mm

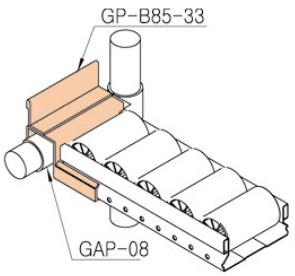
GP-B85-33 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.300kg
Qty/Box	20pcs

Insert GAP-08 to bridge a gap

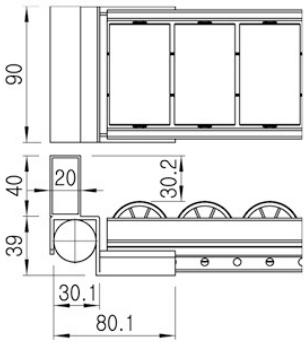


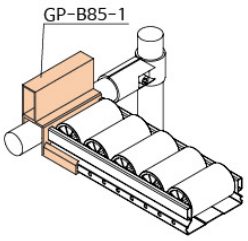


GP-B85-1 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.318kg
Qty/Box	20pcs



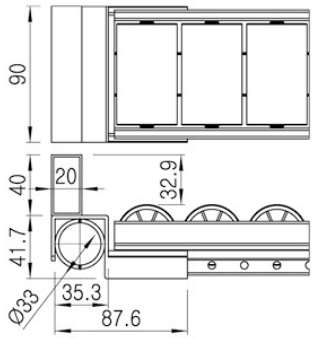


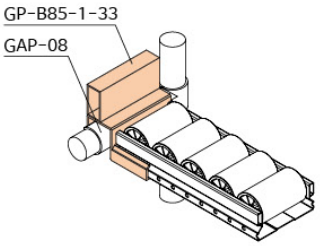
GP-B85-1-33 Roller Mounting Bracket / Tap Stop



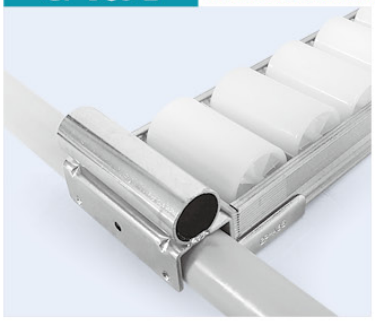
Material	Steel
Weight	0.318kg
Qty/Box	15pcs

Insert GAP-08 to bridge a gap

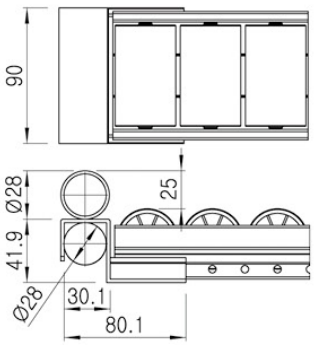


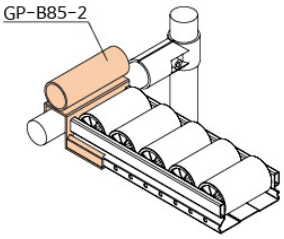


GP-B85-2 Roller Mounting Bracket / Tap Stop



Material	Steel
Weight	0.300kg
Qty/Box	20pcs

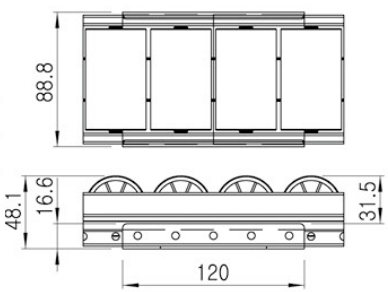


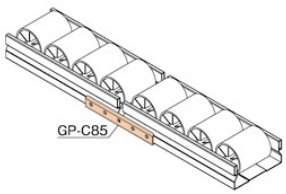


GP-C85 Roller Track Union



Material	Steel
Weight	0.140kg
Qty/Box	70pcs





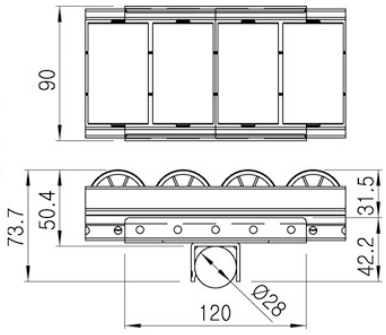
ROLLER MOUNTING BRACKETS

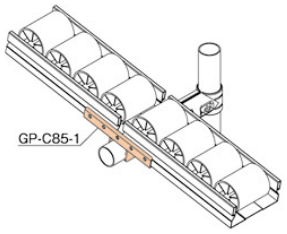
Surface Treatment-WZ
Unit : mm

GP-C85-1 Roller Track Union / Center Support



Material	Steel
Weight	0.243kg
Qty/Box	20pcs

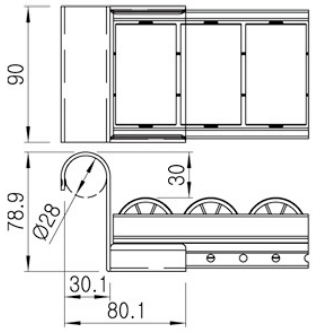


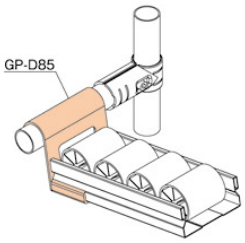


GP-D85 Roller Mounting Bracket / Drop Stop



Material	Steel
Weight	0.235kg
Qty/Box	30pcs

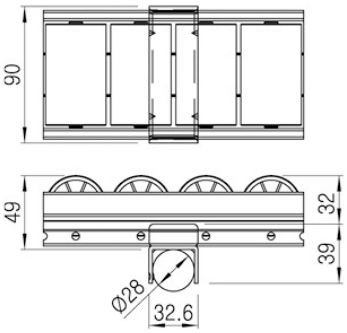


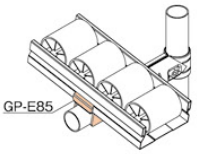


GP-E85 Roller Mounting Bracket / Center Support



Material	Steel
Weight	0.124kg
Qty/Box	80pcs



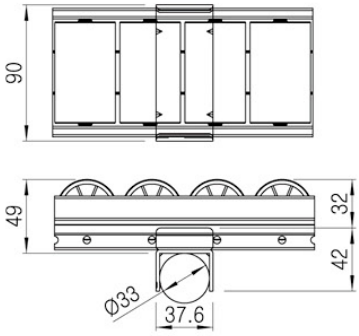


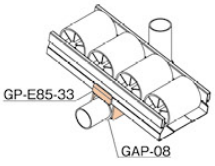
GP-E85-33 Roller Mounting Bracket / Center Support



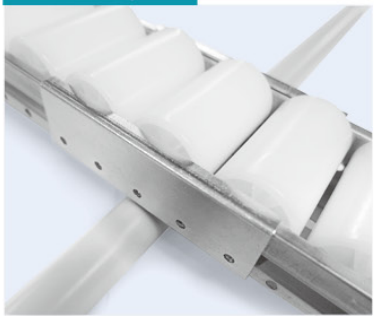
Material	Steel
Weight	0.124kg
Qty/Box	60pcs

Insert GAP-08 to bridge a gap

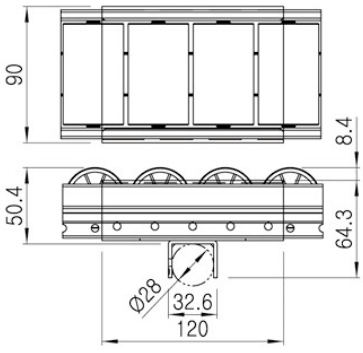


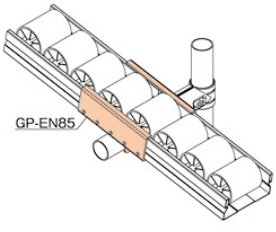


GP-EN85 Roller Track Union / Center Support



Material	Steel
Weight	0.414kg
Qty/Box	12pcs





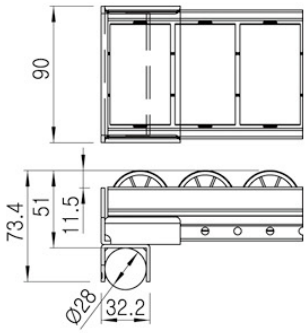
ROLLER MOUNTING BRACKETS

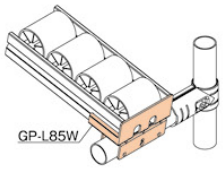
Surface Treatment-WZ
Unit : mm

GP-L85W Roller Mounting Bracket



Material	Steel
Weight	0.264kg
Qty/Box	24pcs



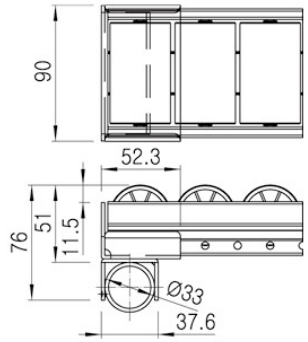


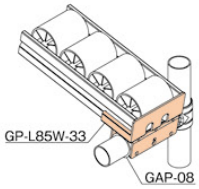
GP-L85W-33 Roller Mounting Bracket



Material	Steel
Weight	0.265kg
Qty/Box	24ps

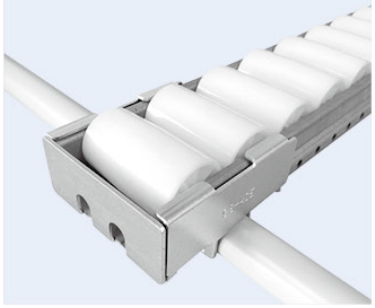
Insert GAP-08 to bridge a gap



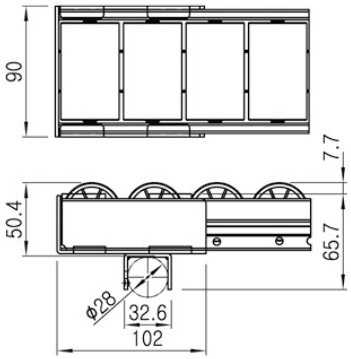


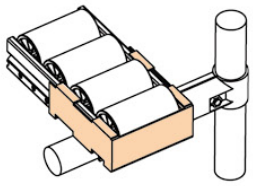
NEW

GP-LN85 Roller Mounting Bracket



Material	Steel
Weight	0.420kg
Qty/Box	16ps

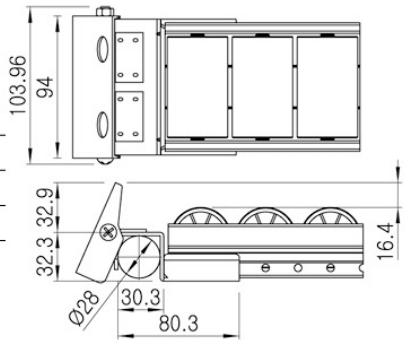


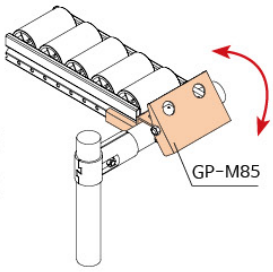


GP-M85 Roller Mounting Bracket



Material	Steel
Weight	0.410kg
Qty/Box	20pcs



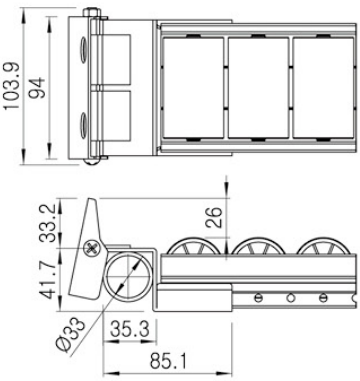


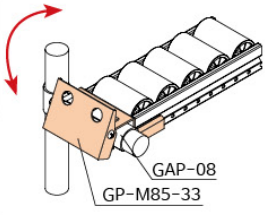
GP-M85-33 Roller Mounting Bracket



Material	Steel
Weight	0.442kg
Qty/Box	20pcs

Insert GAP-08 to bridge a gap





SLIDE PIPE MOUNTING BRACKETS

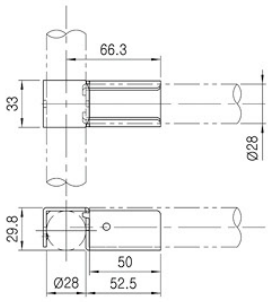
* Surface Treatment - WZ

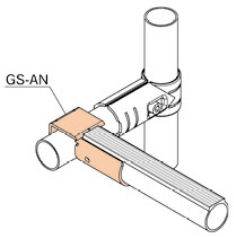
Unit : mm

GS-AN Slide Pipe Mount



Material	Steel
Weight	0.106kg
Q'ty/Box	100pcs

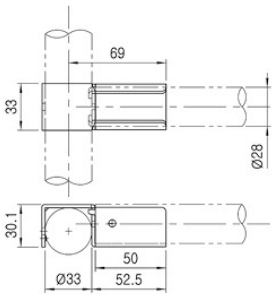


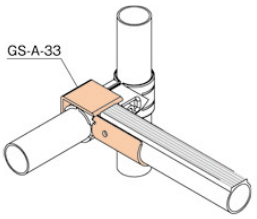


GS-A33 Slide Pipe Mount



Material	Steel
Weight	0.106kg
Q'ty/Box	80pcs

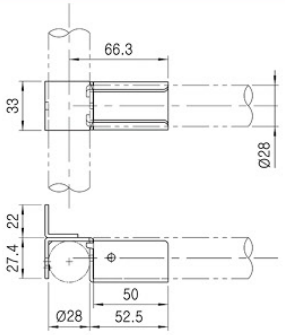


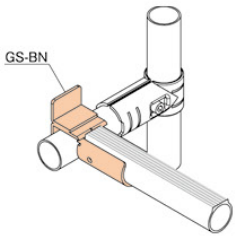


GS-BN Slide Pipe Mount / Tap Stop



Material	Steel
Weight	0.130kg
Q'ty/Box	70pcs

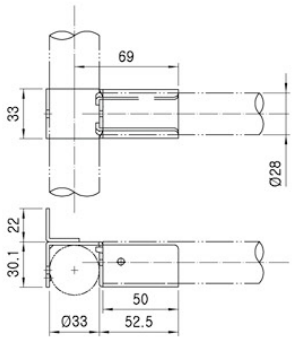


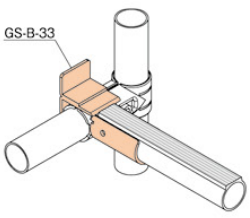


GS-B33 Slide Pipe Mount / Tap Stop



Material	Steel
Weight	0.130kg
Q'ty/Box	70pcs

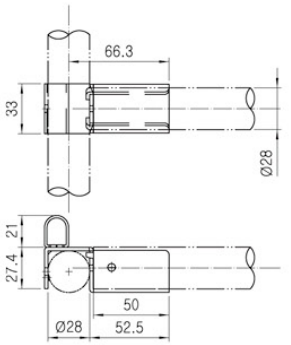


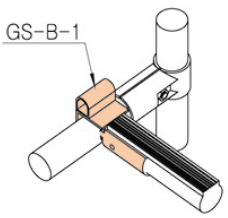


GS-B-1 Slide Pipe Mount / Tap Stop



Material	Steel
Weight	0.116kg
Q'ty/Box	70pcs





SLIDE PIPE MOUNTING BRACKETS

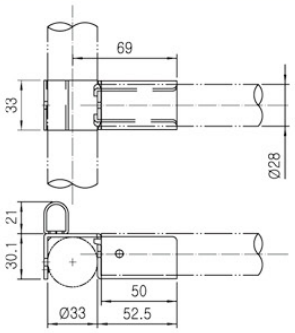
* Surface Treatment - WZ

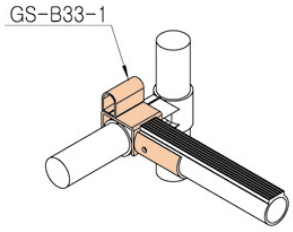
Unit : mm

GS-B33-1 Slide Pipe Mount / Tap Stop



Material	Steel
Weight	0.116kg
Q'ty/Box	50pcs

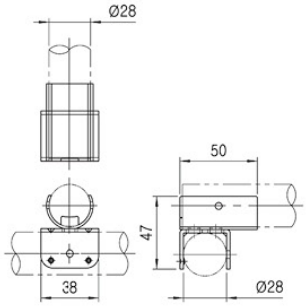


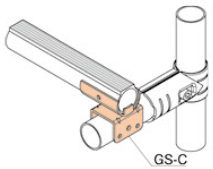


GS-C Slide Pipe Mount Guide Bracket



Material	Steel
Weight	0.085kg
Q'ty/Box	80pcs

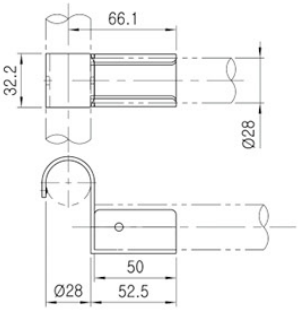


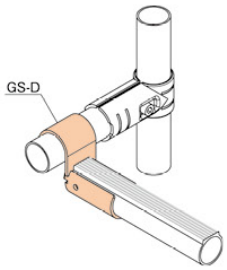


GS-D Slide Pipe Mount / Drop Stop



Material	Steel
Weight	0.116kg
Q'ty/Box	80pcs

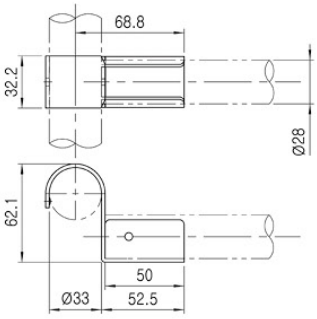


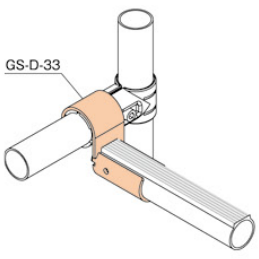


GS-D33 Slide Pipe Mount / Drop Stop



Material	Steel
Weight	0.160kg
Q'ty/Box	80pcs

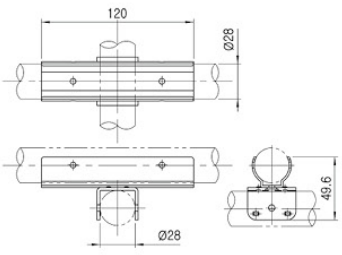


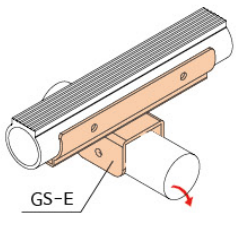


GS-E Slide Pipe Mount Guide Bracket



Material	Steel
Weight	0.160kg
Q'ty/Box	30pcs





SLIDE PIPE MOUNTING BRACKETS

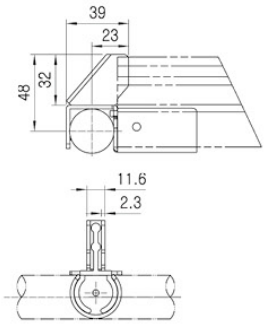
* Surface Treatment - WZ

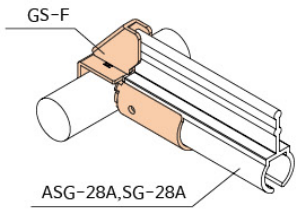
Unit : mm

GS-F Box Guide Mount Bracket

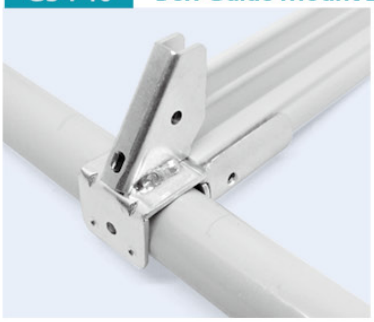


Material	Steel
Weight	0.150kg
Q'ty/Box	36pcs

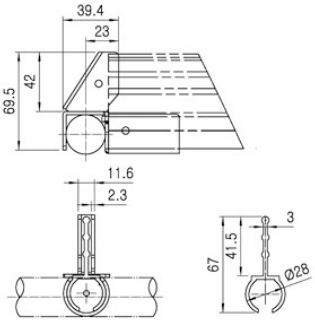


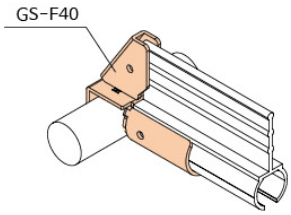


GS-F40 Box Guide Mount Bracket



Material	Steel
Weight	0.180kg
Q'ty/Box	36pcs

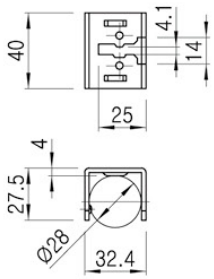


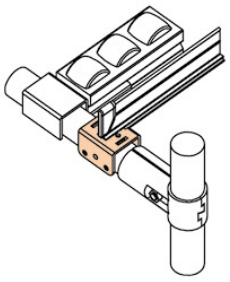


GS-G1 Box Guide Mount Bracket



Material	Steel
Weight	0.053kg
Q'ty/Box	100 pcs

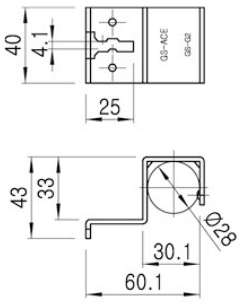


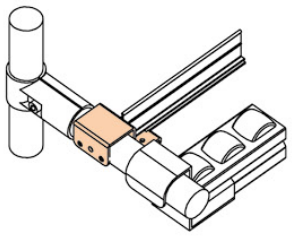


GS-G2 Box Guide Mount Bracket



Material	Steel
Weight	0.083kg
Q'ty/Box	70pcs





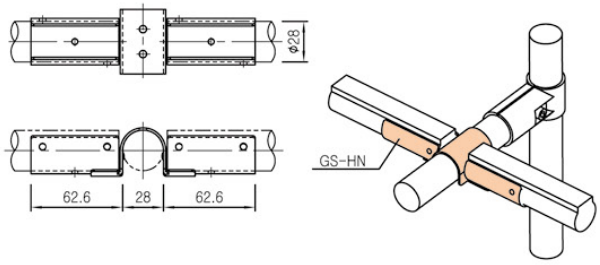
SLIDE PIPE MOUNTING BRACKETS

Unit : mm

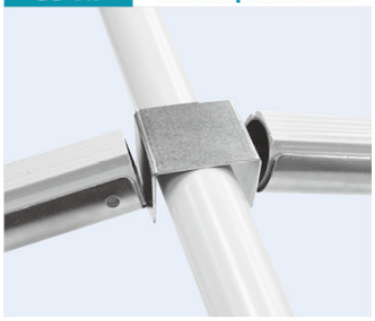
GS-HN Slide Pipe Mount



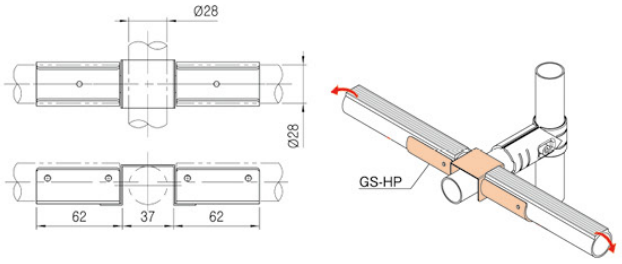
Material	Steel
Weight	0.177kg
Q'ty/Box	40pcs



GS-HP Slide Pipe Mount



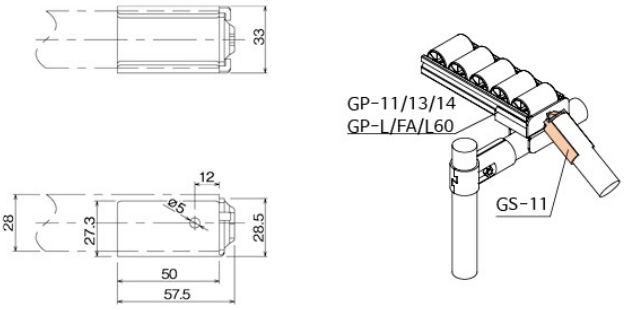
Material	Steel
Weight	0.155kg
Q'ty/Box	50pcs



GS-11 Adjustable Slide Pipe Union



Material	Steel
Weight	0.073kg
Q'ty/Box	150pcs



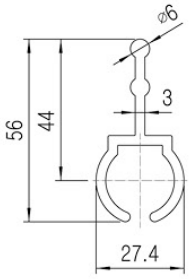
BOX GUIDE

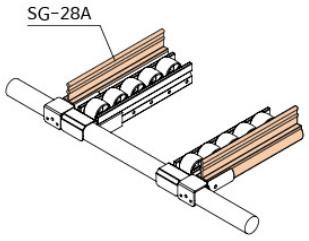
Unit : mm

SG-28A Box Guide



Material	PVC
Length	3,000mm
Weight	0.420kg/m

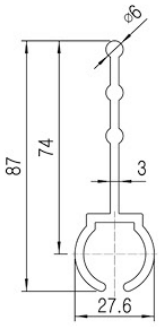


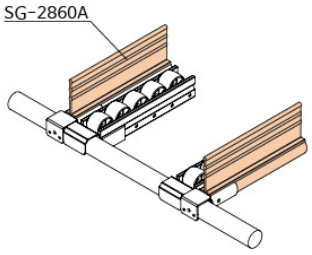


SG-2860A Box Guide



Material	PVC
Length	3,000mm
Weight	0.570kg/m

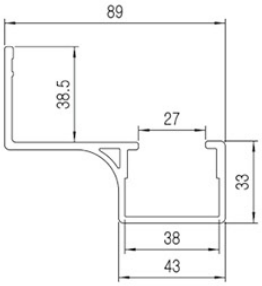


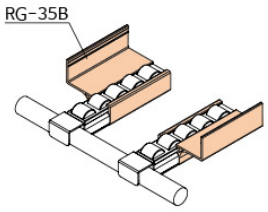


RG-35B Box Guide



Material	PVC
Length	3,000mm
Weight	0.860kg/m

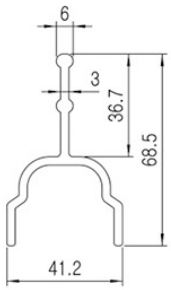


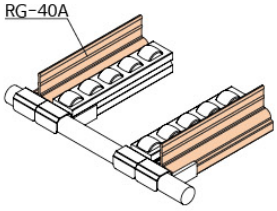


RG-40A Box Guide



Material	PVC
Length	3,000mm
Weight	0.500kg/m

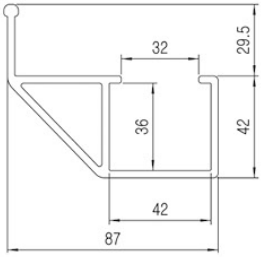


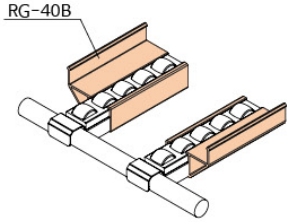


RG-40B Box Guide



Material	PVC
Length	3,000mm
Weight	0.970kg/m





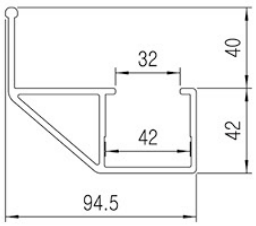
BOX GUIDE

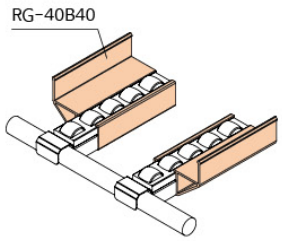
Unit : mm

RG-40B40 Box Guide



Material	PVC
Length	3,000mm
Weight	1.400kg/m

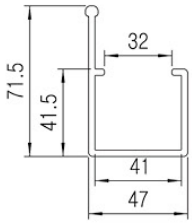


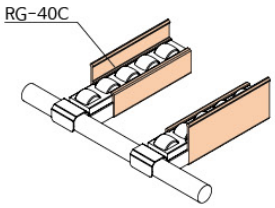


RG-40C Box Guide



Material	PVC
Length	3,000mm
Weight	0.700kg/m

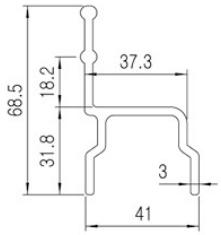


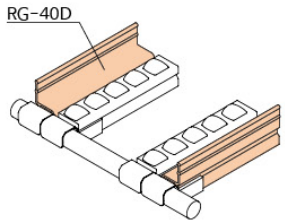


RG-40D Box Guide



Material	PVC
Length	3,000mm
Weight	570kg/m

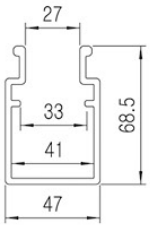


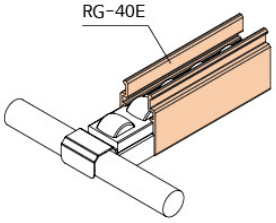


RG-40E Box Guide



Material	PVC
Length	3,000mm
Weight	0.860kg/m



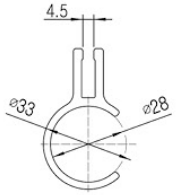


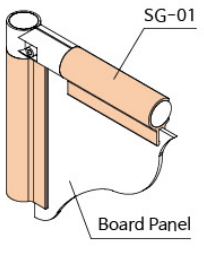
SG-01 Sheet Guide



Material	PVC
Length	3,000mm
Weight	0.450kg/m

Use 5mm thickness board panel





BOX GUIDE

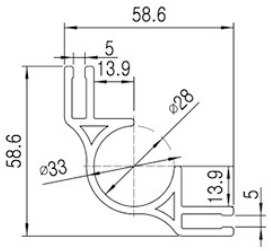
Unit : mm

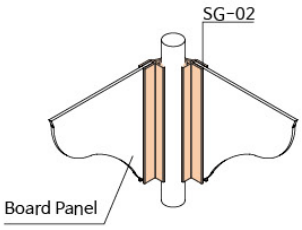
SG-02 Sheet Guide



Material	PVC
Length	3,000mm
Weight	0.740kg/m

Use 5mm thickness board panel



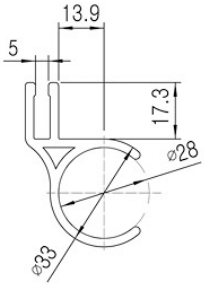


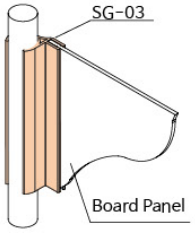
SG-03 Sheet Guide



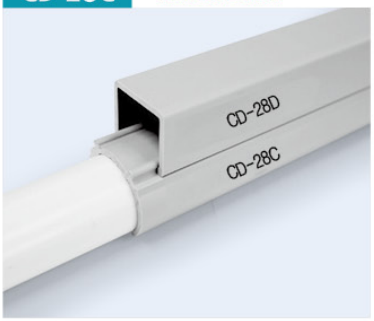
Material	PVC
Length	3,000mm
Weight	0.490kg/m

Use 5mm thickness board panel

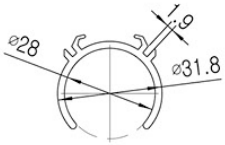


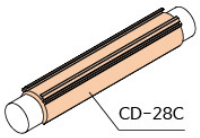


CD-28C Cable Duct



Material	PVC
Length	3,000mm
Weight	0.260kg/m

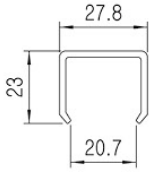


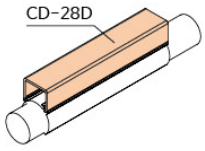


CD-28D Cable Duct

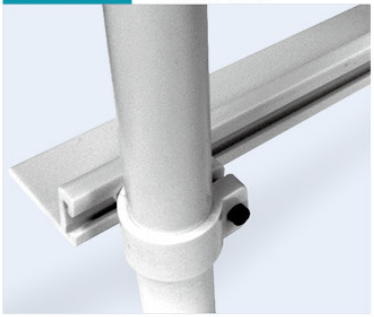


Material	PVC
Length	3,000mm
Weight	0.220kg/m

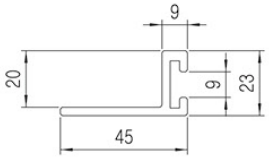


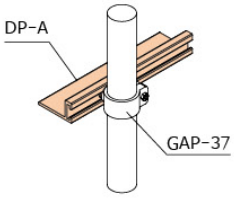


DP-A Dust Plate



Material	PVC
Length	3,000mm
Weight	0.360kg/m





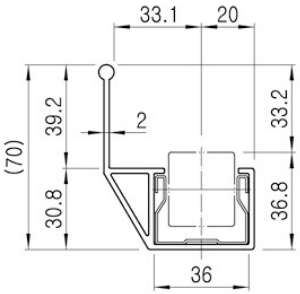
BOX GUIDE

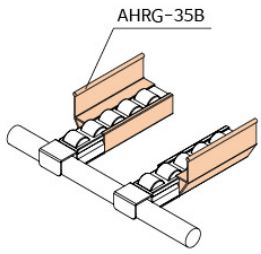
Unit : mm

AHRG-35B Box Guide-ESD (High-load)



Material	Aluminum
Length	4,000mm
Weight	1.08kg/m

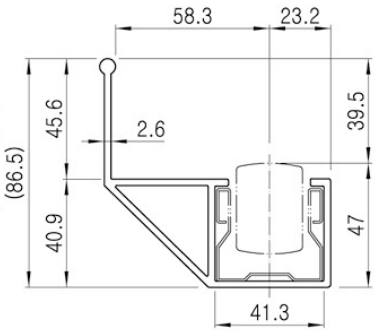


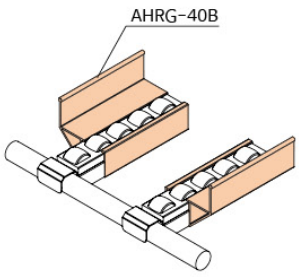


AHRG-40B Box Guide-ESD (High-load)



Material	Aluminum
Length	4,000mm
Weight	1.85kg/m

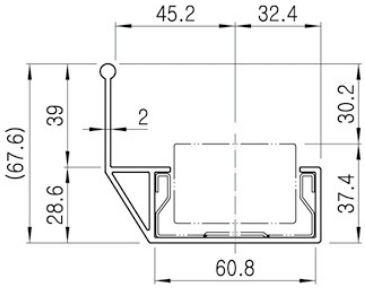


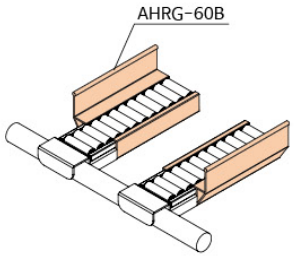


AHRG-60B Box Guide-ESD (High-load)



Material	Aluminum
Length	4,000mm
Weight	1.18kg/m

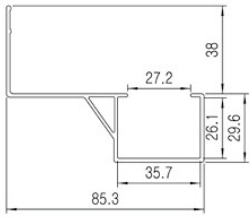


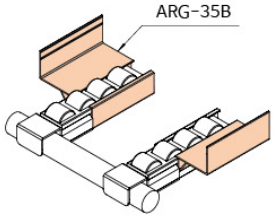


ARG-35B Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.79kg/m

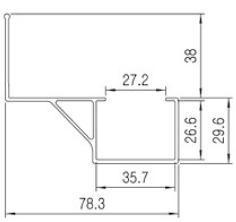


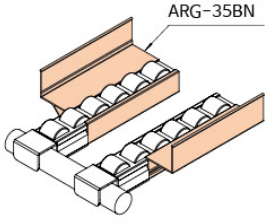


ARG-35BN Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.81kg/m





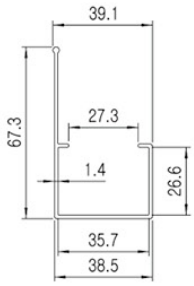
BOX GUIDE

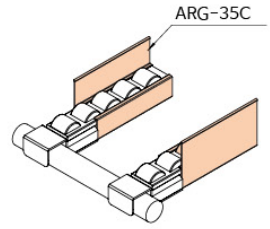
Unit : mm

ARG-35C Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.52kg/m

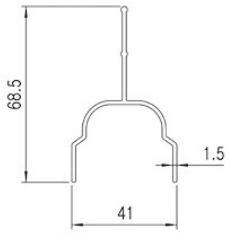


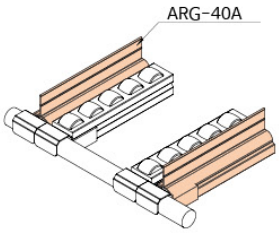


ARG-40A Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.53kg/m

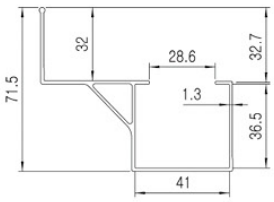


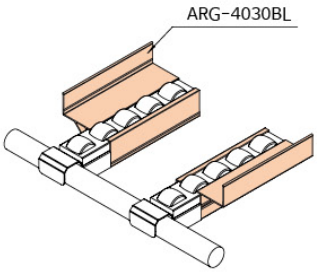


ARG-4030BL Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.87kg/m

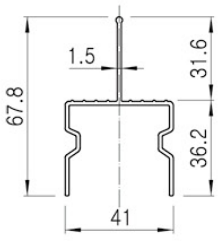


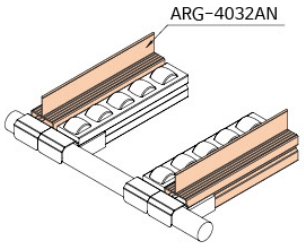


ARG-4032AN Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.67kg/m

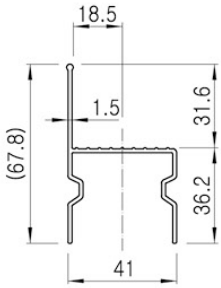


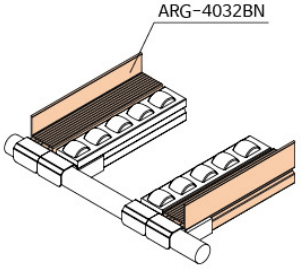


ARG-4032BN Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.63kg/m





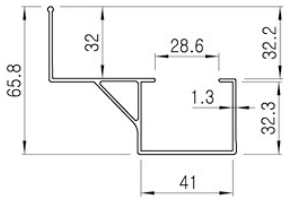
BOX GUIDE

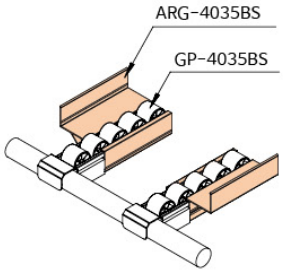
Unit : mm

ARG-4035BS Box Guide-ESD (For GP-4035BS)



Material	Aluminum
Length	4,000mm
Weight	0.82kg/m

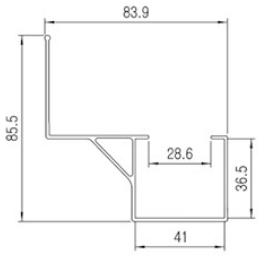


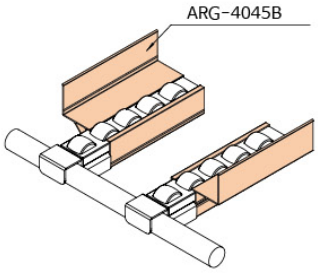


ARG-4045B Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.91kg/m

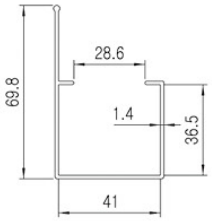


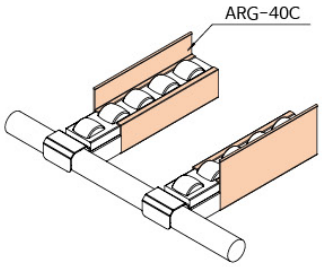


ARG-40C Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.62kg/m

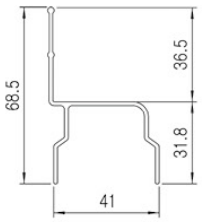


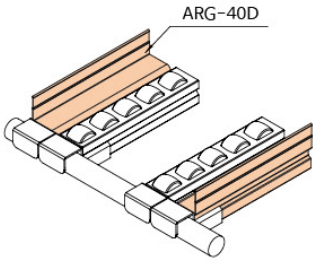


ARG-40D Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	0.52kg/m

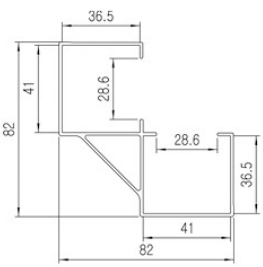


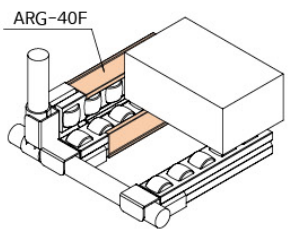


ARG-40F Box Guide-ESD



Material	Aluminum
Length	4,000mm
Weight	1.11kg/m

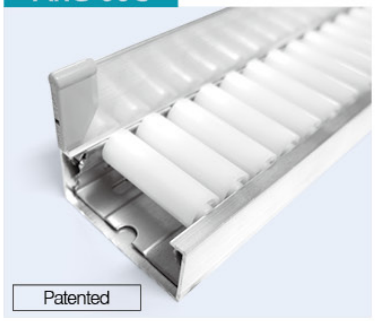




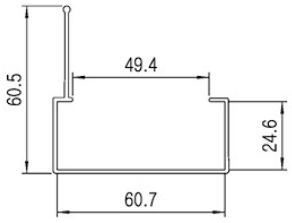
BOX GUIDE

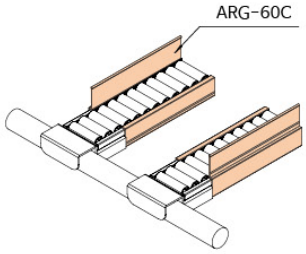
Unit : mm

ARG-60C Box Guide- ESD



Material	Aluminum
Length	4,000mm
Weight	0.59kg/m

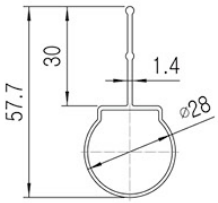


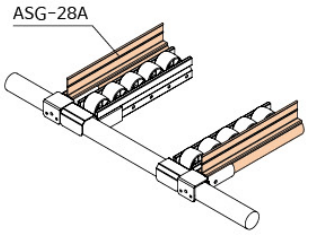


ASG-28A Box Guide - ESD



Material	Aluminum
Length	4,000mm
Weight	0.380kg/m

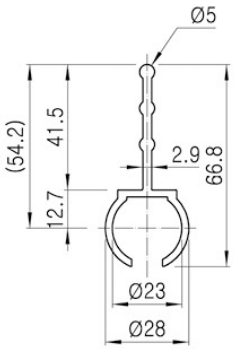


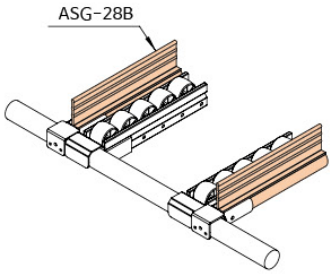


ASG-28B Box Guide-ESD (High-load)



Material	Aluminum
Length	4,000mm
Weight	0.82kg/m

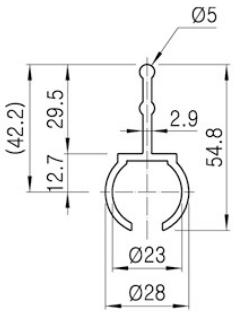


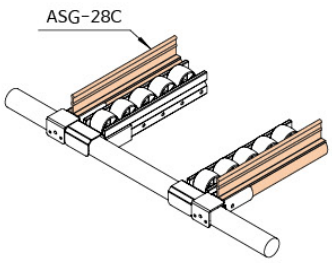


ASG-28C Box Guide-ESD (High-load)

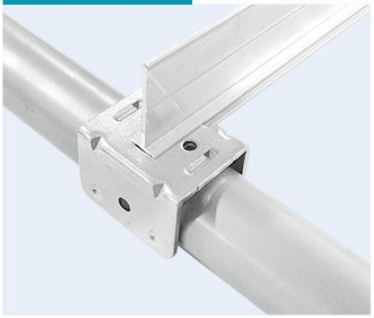


Material	Aluminum
Length	4,000mm
Weight	0.71kg/m

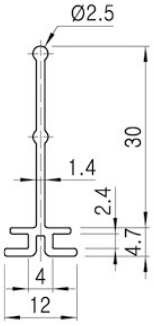


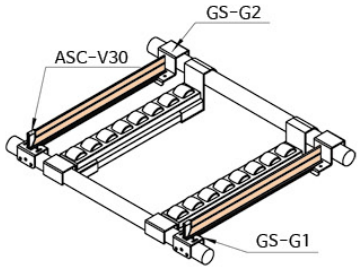


ASG-2830A Box Guide-ESD



Material	Aluminum
Weight	4,000mm
Q'ty/Box	0.20kg/m





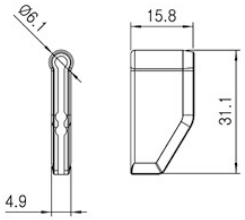
BOX GUIDE CAP

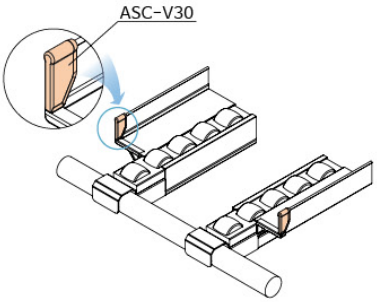
Unit : mm

ASC-V30 Vertical Safety Cap

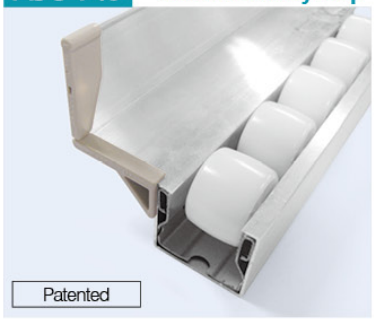


Material	ABS
Weight	0.001kg
Q'ty/Box	6,000 EA

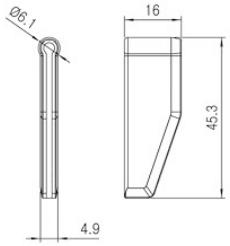


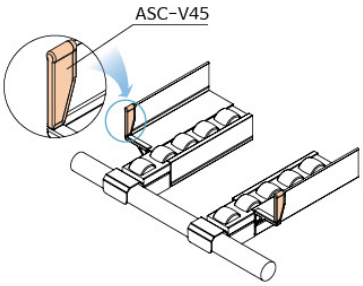


ASC-V45 Vertical Safety Cap

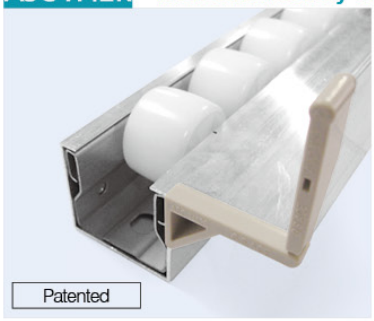


Material	ABS
Weight	0.002kg
Q'ty/Box	4,000 EA

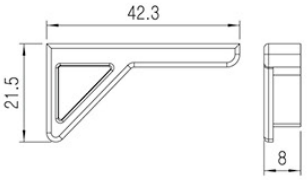


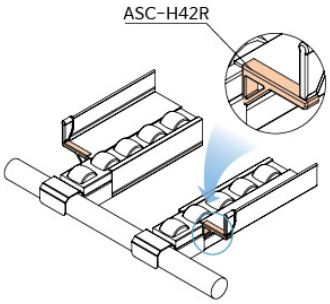


ASC-H42R Horizontal Safety Cap

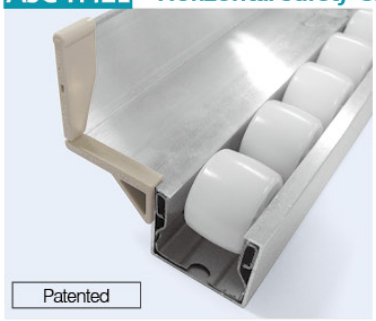


Material	ABS
Weight	0.002kg
Q'ty/Box	4,000 EA

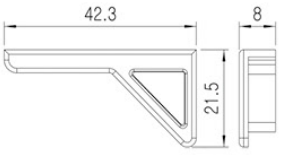


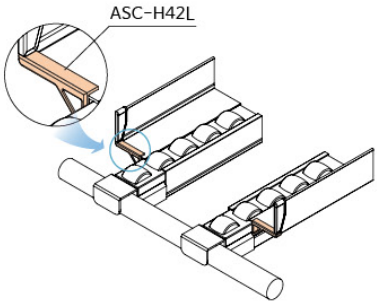


ASC-H42L Horizontal Safety Cap



Material	ABS
Weight	0.002kg
Length	4,000 EA





BOX STOPPER

Unit : mm

EWS-( ) WORK STOPPER

STANDARD TYPE (Material-STS)



Part No.	Material	Roller Track	Roller	Weight	Q'ty/Box
EWS-A	STS	GP4036A/B	5	0.056kg	240pcs
EWS-B		GP4050C	4	0.041kg	300pcs
EWS-D		GP4050D	4	0.061kg	160pcs
EWS-E		GP3533B	5	0.036kg	320pcs
EWS-F		GP6033B	5	0.085kg	170pcs
EWS-F2		GP6033B	2	0.046kg	110pcs
EWS-J		GP6016S	10	0.078kg	200pcs
EWS-J2		GP6016S	5	0.050kg	250pcs
EWS-K		GP8543B	4	0.140kg	90pcs

SPECIAL TYPE (Material-STS)



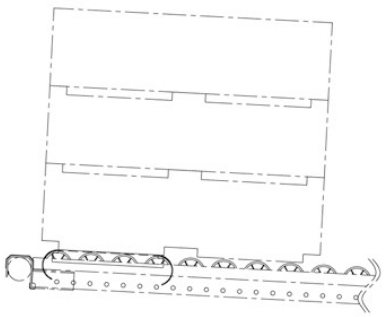
Part No.	Material	Roller Track	Roller	Weight	Q'ty/Box
EWS-AN	STS	GP4036A/B	5	0.086kg	250pcs
EWS-GN2		GP4036A/B	2	0.019kg	200pcs
EWS-MN		GPR8545B/HA	4	0.155kg	30pcs
EWS-PN		GPR2528A	4	0.023kg	410pcs

RECYCLE GI BODY (Meterial-STS)

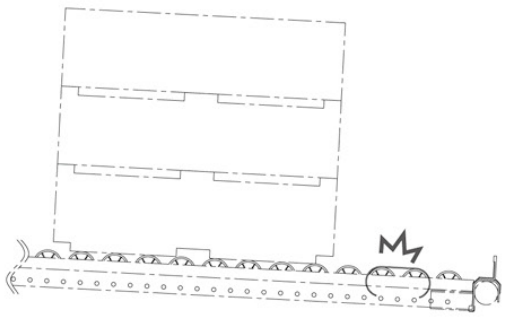


Part No.	Material	Roller Track	Roller	Weight	Q'ty/Box
EWSR4040	STS	GPR4040A/B	2	0.016kg	200pcs
EWSR6016		GPR6016S	4	0.018kg	200pcs
EWSR6033		GPR6033B/HA	2	0.021kg	200pcs
EWSR8523		GPR8523S	4	0.046kg	200pcs
EWSR8545		GPR8545B/HA	2	0.059kg	72pcs

Temporarily stopping the flowing Boxes



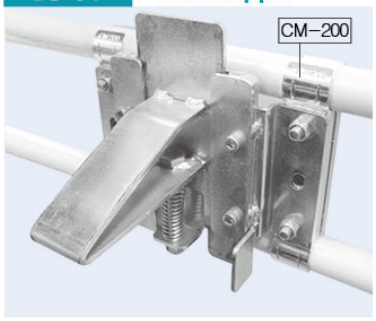
Stopping or decelerating the fast flowing Boxes

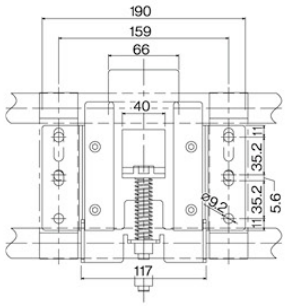


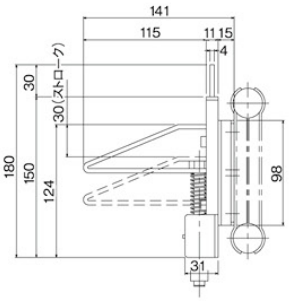
BOX STOPPER

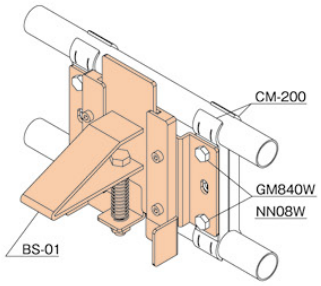
Unit : mm

BS-01 Box Stopper

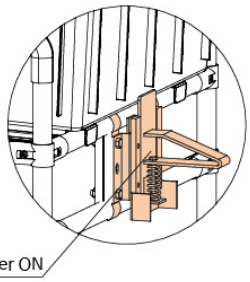


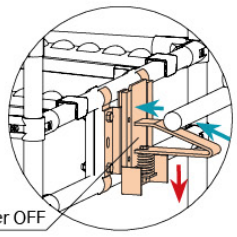


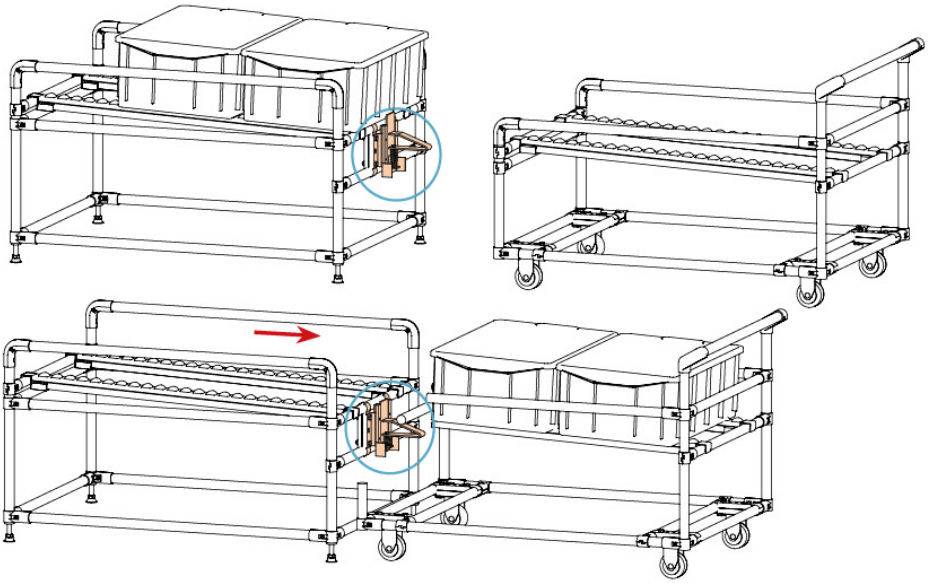




Material	Steel
Weight	1.78kg
Q'ty/Box	8pcs



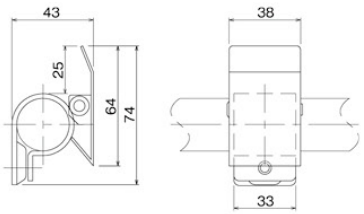


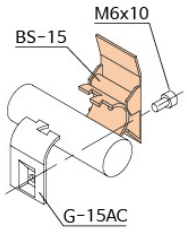


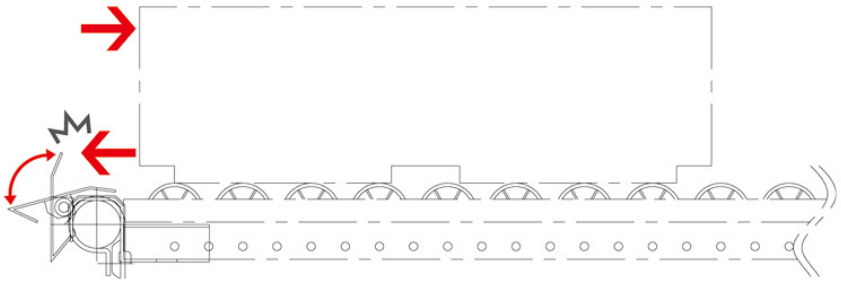
BS-15 Back Stopper Bracket



Material	Steel
Weight	0.105kg
Q'ty/Box	60 pcs





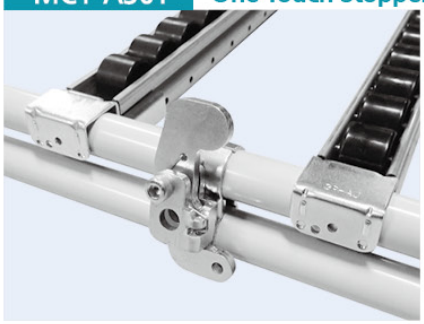


BOX STOPPER

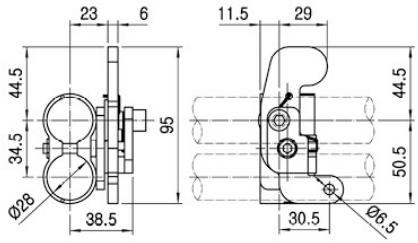
* Surface Treatment - WZ

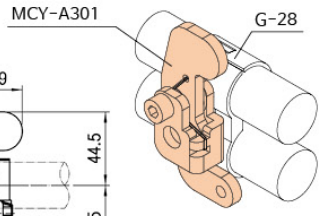
Unit : mm

MCY-A301 One Touch Stopper -Right

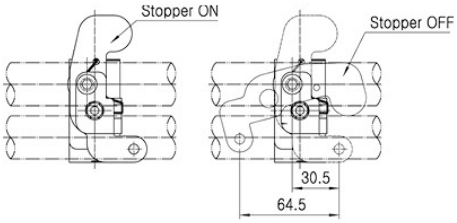


Material	Steel
Weight	0.270kg
Q'ty/Box	36pcs

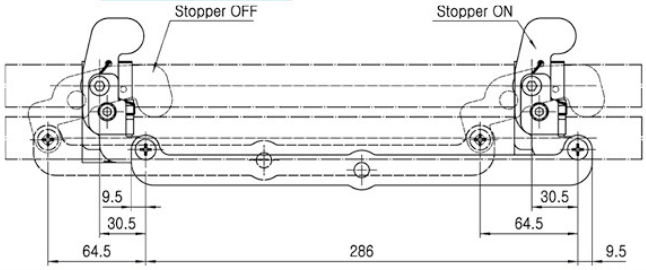




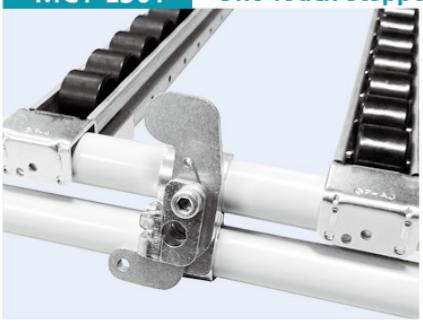
Single Mount



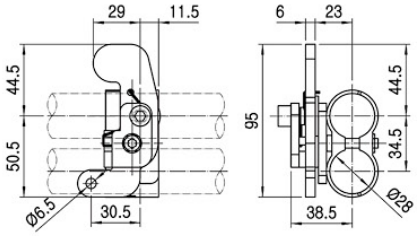
Double Mount

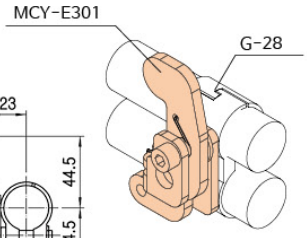


MCY-E301 One Touch Stopper -Left

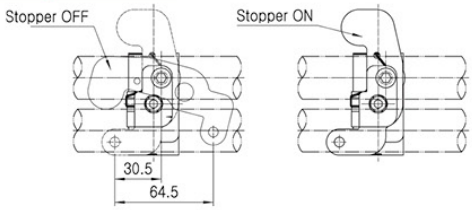


Material	Steel
Weight	0.270kg
Q'ty/Box	36pcs

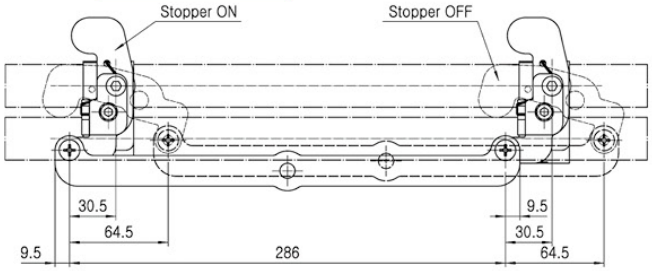




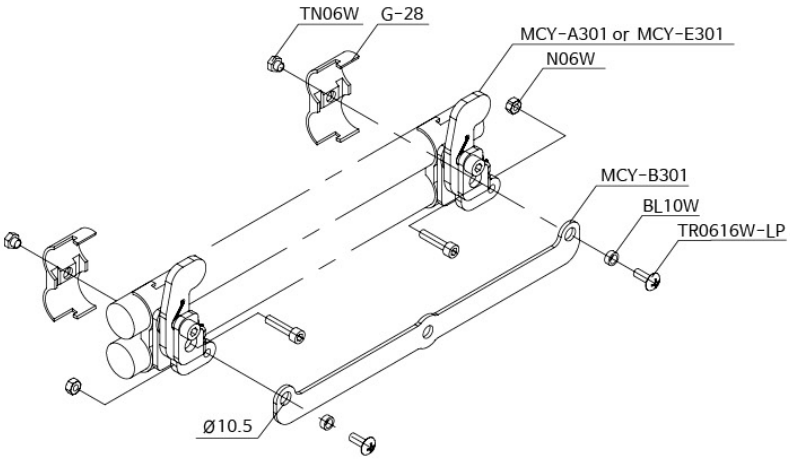
Single Mount

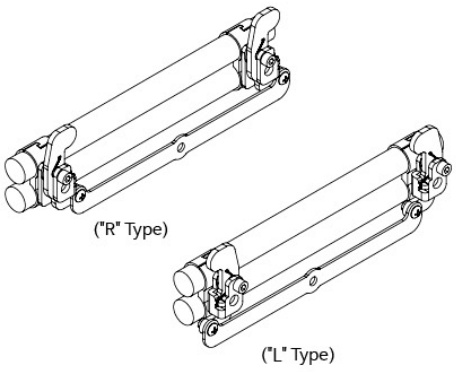


Double Mount



Explode View





BOX STOPPER

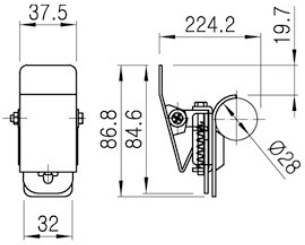
* Surface Treatment - WZ

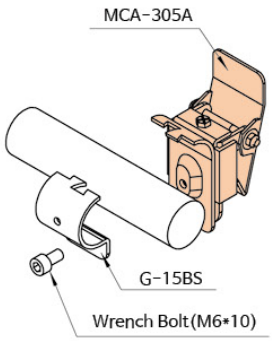
Unit : mm

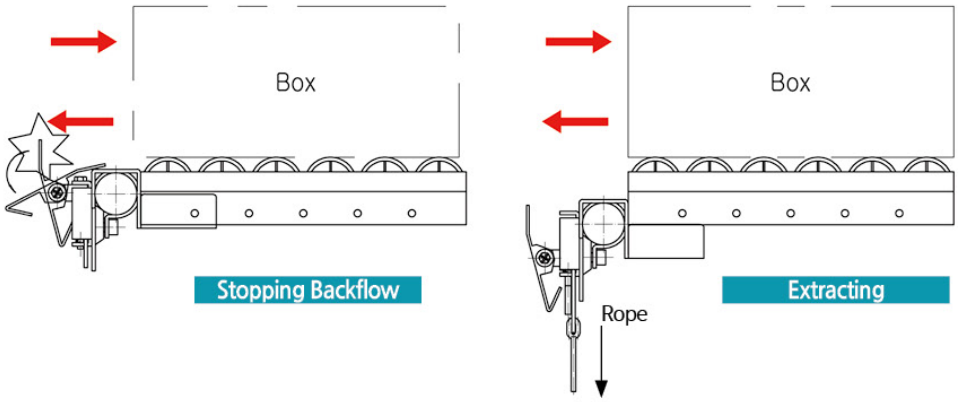
MCA-305A Back Stopper Bracket



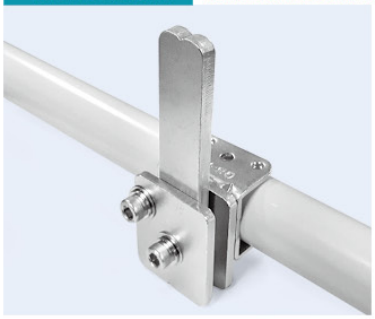
Material	Steel
Weight	0.213kg
Q'ty/Box	30pcs



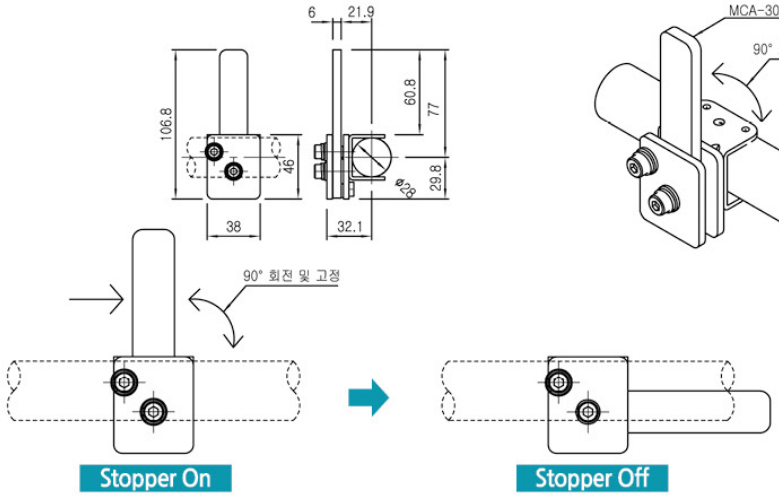




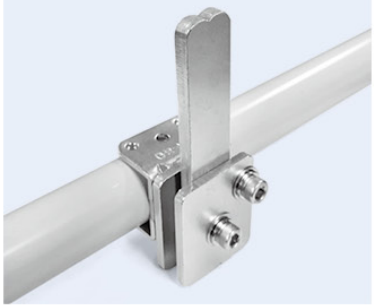
MCA-308A Manual Box Stopper



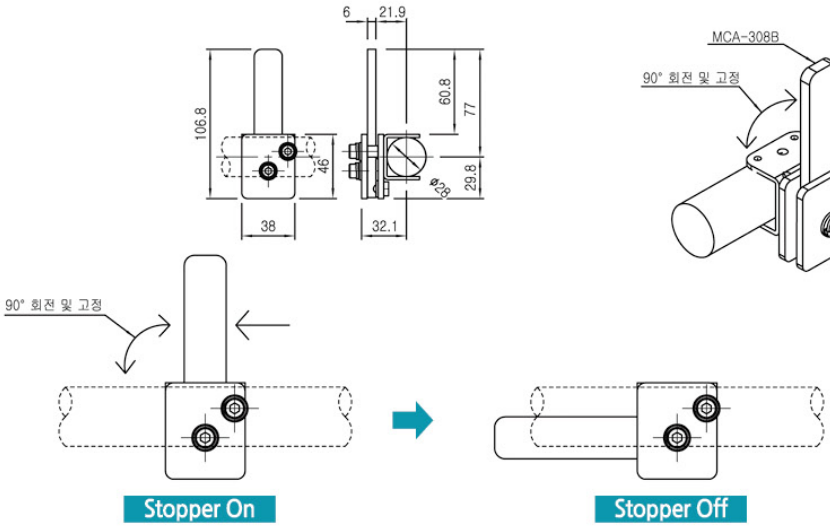
Material	Steel
Weight	0.280kg
Q'ty/Box	40pcs



MCA-308B Manual Box Stopper



Material	Steel
Weight	0.280kg
Q'ty/Box	40pcs



BOX STOPPER

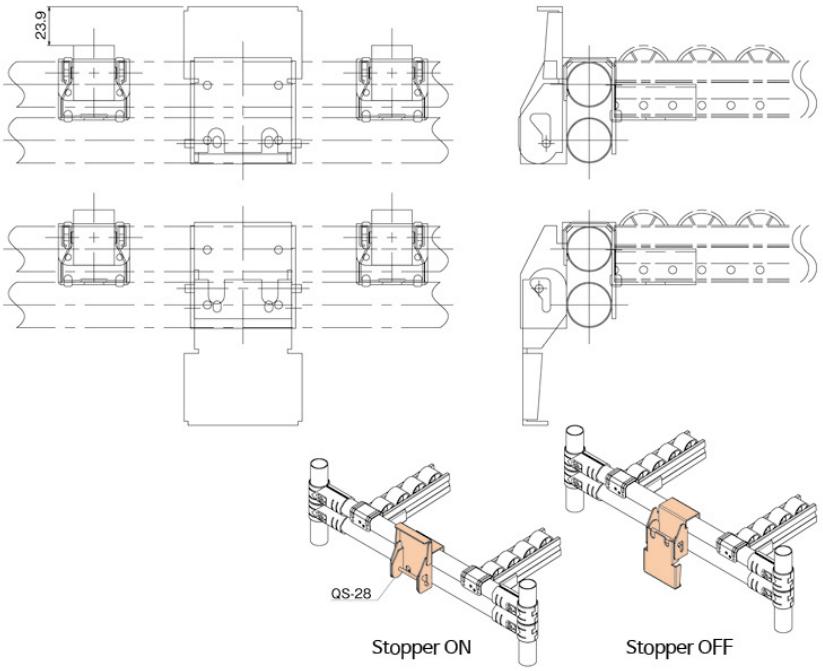
* Surface Treatment - WZ

Unit : mm

QS-28 Quick Stopper

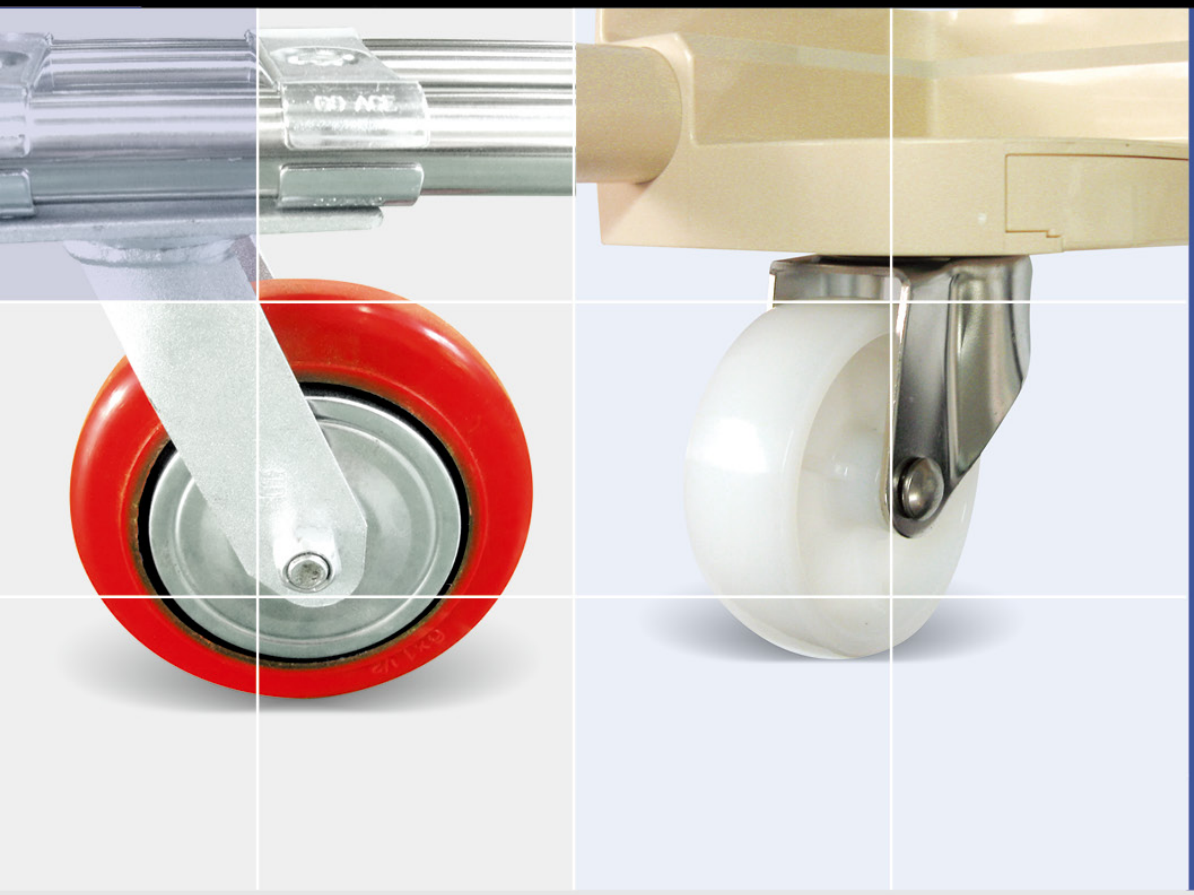


Material	Steel
Weight	0.370kg
Q'ty/Box	18pcs



G.S.ACE INDUSTRY CO., LTD.

CASTERS



- CASTER
  - THREADED STEM TYPE
  - GRIP RING TYPE
  - FASTENING RUBBER TYPE
  - TOP PLATE TYPE
- AL CASTER
  - FASTENING RUBBER TYPE
  - TOP PLATE TYPE
- FLOOR LOCK

CASTERS NUMBERING SYSTEMS

T 36 3 S - 1 B

Stem Type	Series No.	Wheel Size	Type	Wheel Material	Brake
T : Thread G : Grip Ring F : Fastening Rubber P : Top Plate Type	30 32 36 50 60 62 68	2-2" 25-2.5" 3-3" 35-3.5" 4-4" 6-6" 8-8"	S : Swivel R : Rigid	1 : Soft Rubber 2 : Polyurethane 3 : Nylon 4 : Rubber Plastic E : ESD	B : Brake DB : Double Brake S : Stainless BS : STS Brake

THREADED STEM TYPE (Light weight)

Design

T302S-2



T302S-2B



T363S-1



T363S-3

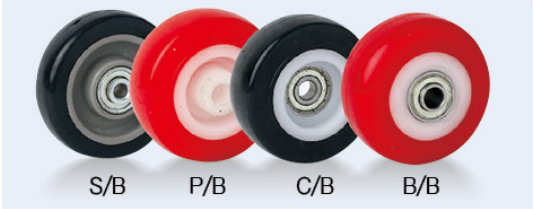


T363S-4



Part No.			Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm	Section	Threaded Specifcation
SWIVEL	BRAKE	ESD									
T302S-1	T302S-1B	T302S-E	2"	Soft Rubber	Black	20	P/B	40	72	Light	½" x12N-15L
T3625S-1	T3625S-1B	T3625-E	2.5"	Soft Rubber	Black	25	C/B	35	87		
T3625S-2	T3625S-2B	-		Polyurethane	Red/Black			45			
T3625S-4	T3625S-4B	-		Rubber Plastic	Gray			40			
T363S-1	T363S-1B	T363S-E	3"	Soft Rubber	Black		P/B	45	99		
T363S-3	T363S-3B	-		Nylon	White			65			
T363S-4	T363S-4B	-		Rubber Plastic	Gray		C/B	55			

Bearing



- ▷ S/B : Special Bearing (Ball bearing for castor)
- ▷ P/B : Plain Nylon (Nylon Bearing)
- ▷ C/B : Center Bearing (Standard Bearing 1 pcs)
- ▷ B/B : Ball Bearing (Standard Bearing 2 pcs)

Wheel

Soft Rubber



Polyurethane



Polyurethane



Rubber Plastic



Nylon



THREADED STEM TYPE

Design

T503S-2

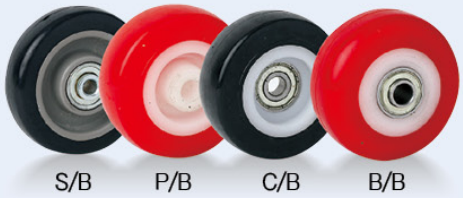


T503S-2B



Part No.			Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm	Section	Threaded Specifcation
SWIVEL	BRAKE	ESD									
T503S-1	T503S-1B	T503S-E	3"	Soft Rubber	Black	32	S/B	56	104	Light	½" x12N-25L
T503S-2	T503S-2B	-		Polyurethane	Red/Gray/Black			100			
T504S-1	T504S-1B	T504S-E	4"	Soft Rubber	Black			75	129		
T504S-2	T504S-2B	-		Polyurethane	Red/Gray/Black			100			

Bearing



- ▷ S/B : Special Bearing (Ball bearing for castor)
- ▷ P/B : Plain Nylon (Nylon Bearing)
- ▷ C/B : Center Bearing (Standard Bearing 1 pcs)
- ▷ B/B : Ball Bearing (Standard Bearing 2 pcs)

Wheel

Soft Rubber



Polyurethane



GRIP RING TYPE

Design

G813S-2



G813S-2B

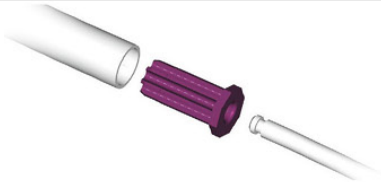


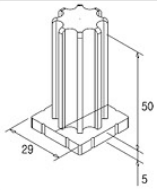
G813R-2



Part No.			Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm	Section	Threaded Specifcation
SWIVEL	BRAKE	RIGID									
G813S-2	G813S-2B	G813R-2	3"	Polyurethane	Gray	32	P/B	75	100	Light	Φ11 X 38mm

Assembly : Pipe + GAP-9 + Grip Ring Caster	GAP-9C	Coated Pipe (Φ28XT1.0)
	GAP-9S	STS/Eco Pipe (Φ28XT0.7)





FASTENING RUBBER TYPE

Design

FC/ FS302S-1



FC/ FS302S-1B



FC/ FS302R-1



FC/ FS363S-4B



FC/ FS364S-4



FC/ FS364S-4B



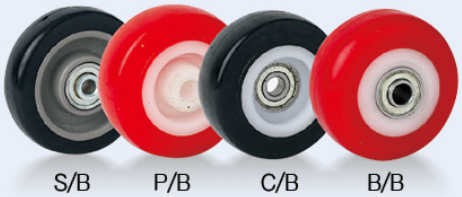
FC/ FS364R-4



Pipe	Part No.			Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm
	SWIVEL	BRAKE	RIGID							
Coated Pipe	FC302S-1	FC302S-1B	-	2"	Soft Rubber	Black	20	P/B	35	72
	FC303S-1	FC303S-1B	-	3"					45	97
	FC363S-1	FC363S-1B	-	3"	Soft Rubber	Black	25	P/B	45	99
	FC363S-4	FC363S-4B	FC363R-4		Rubber Plastic	Gray		C/B	50	99
	FC364S-1	FC364S-1B	FC364R-1	4"	Soft Rubber	Black		P/B	55	123
	FC364S-4	FC364S-4B	FC364R-4		Rubber Plastic	Gray		C/B	60	123
	FC503S-1	FC503S-1B	-	3"	Soft Rubber	Black	32	S/B	56	104
	FC504S-2	FC504S-2B	-	4"	Polyurethane	Red			85	129
STS/ ECO Pipe	FS302S-1	FS302S-1B	FS302R-1	2"	Soft Rubber	Black	20	P/B	35	72
	FS303S-1	FS303S-1B	FS303R-1	3"					45	97
	FS363S-1	FS363S-1B	-	3"	Soft Rubber	Black	25	P/B	45	99
	FS363S-4	FS363S-4B	FS363R-4		Soft Rubber	Gray		C/B	50	99
	FS364S-1	FS364S-1B	FS364R-1	4"	Soft Rubber	Black		P/B	55	123
	FS364S-4	FS364S-4B	FS364R-4		Rubber Plastic	Gray		C/B	60	123
	FS503S-1	FS503S-1B	-	3"	Soft Rubber	Black	32	S/B	56	104
			FS504R-2	4"	Polyurethane	Red			85	129

* FASTENING RUBBER TYPE : ESD is available

Bearing

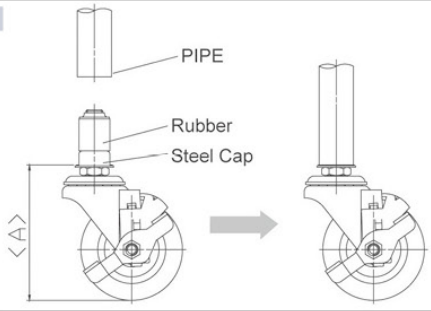


▷ S/B : Special Bearing (Ball bearing for castor)
▷ P/B : Plain Nylon (Nylon Bearing)
▷ C/B : Center Bearing (Standard Bearing 1 pcs)
▷ B/B : Ball Bearing (Standard Bearing 2 pcs)

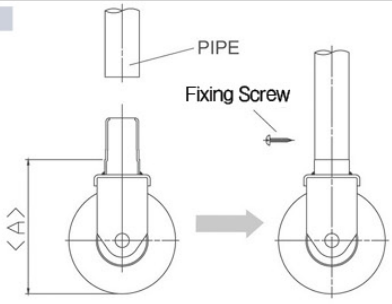
Remark	Wheel Material : Soft Rubber (Normal) / ESD Soft Rubber	FC : Fastening Rubber-Coated Pipe (ϕ28 x T0.7 / T1.0) FS : Fastening Rubber-STS/Eco Pipe (ϕ28 x T0.7 / T1.2)

Assembly Drawing

SWIVEL



RIGID



TOP PLATE TYPE

Design

P363S-3S



P504S-2



P504S-2B



P504R-2



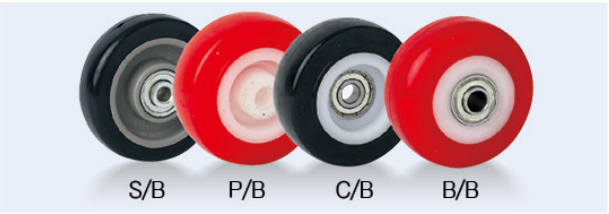
P504S-2DB



Part No.				Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm	Plate Dimension(mm)	
SWIVEL	BRAKE	DOUBLE BRAKE	RIGID								Overall <D×E>	Hole <B×C>
P363S-3S (All Stainless)	-	-	-	3"	Nylon	White	25	P/B	65	95	70X60	55X42
P363S-3 (Steel)	-	-	-									
P503S-1	P503S-1B	P503S-1DB	P503R-1	3"	Soft Rubber	Black	32	S/B	56	104	95X64	75X45
P503S-2	P503S-2B	P503S-2DB	P503R-2		Polyurethane	Red/Gray/Black			100			
P504S-1	P504S-1B	P504S-1DB	P504R-1	4"	Soft Rubber	Black			75	129		
P504S-2	P504S-2B	P504S-2DB	P504R-2		Polyurethane	Red/Gray/Black			105			
P505S-1	P505S-1B	P505S-1DB	P505R-1	5"	Soft Rubber	Black			80	156		
P505S-2	P505S-2B	P505S-2DB	P505R-2		Polyurethane	Red/Gray/Black			115			

※ P503 / P504 / P505 Series : ESD is available

Bearing



▷ S/B : Special Bearing (Ball bearing for castor)
▷ P/B : Plain Nylon (Nylon Bearing)
▷ C/B : Center Bearing (Standard Bearing 1 pcs)
▷ B/B : Ball Bearing (Standard Bearing 2 pcs)

Wheel

Soft Rubber



Polyurethane

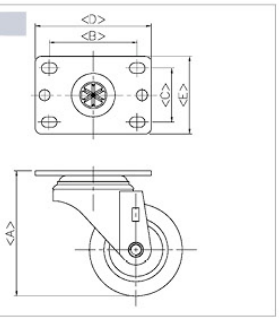


Nylon

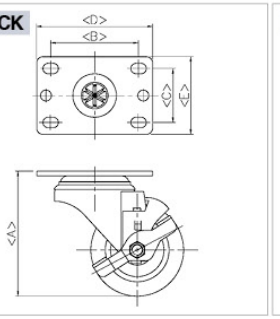


Simple Drawing

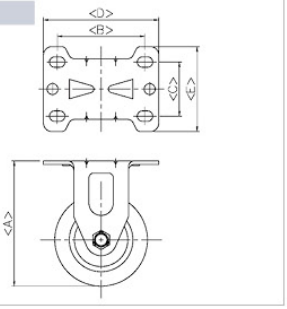
SWIVEL



SWIVEL BRACK



RIGID



TOP PLATE TYPE

Design

P625S-2



P625S-2B



P625R-2



P686S-2



P666S-2



P666S-2B



P666R-2



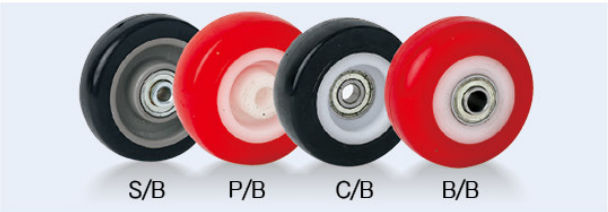
P688R-2



Part No.			Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm	Plate Dimension(mm)	
SWIVEL	BRAKE	RIGID								Overall <D×E>	Hole <B×C>
P624S-2	P624S-2B	P624R-2	4"	Polyurethane	Red	38	B/B	220	136	114X101	80X76
P625S-2	P625S-2B	P625R-2	5"					250	161		
P626S-2	P626S-2B	P626R-2	6"					250	191		
P664S-2	P664S-2B	P664R-2	4"	Polyurethane	Red	50	B/B	320	143	114X101	80X76
P665S-2	P665S-2B	P665R-2	5"					360	165		
P666S-2	P666S-2B	P666R-2	6"					360	187		
P686S-2	P686S-2B	P686R-2	6"	Polyurethane	Red	50	B/B	360	200	159X114	125X62
P688S-2	P688S-2B	P688R-2	8"					400	248		

※ P686 Series : Shock Absorbing Caster

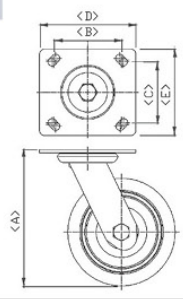
Bearing



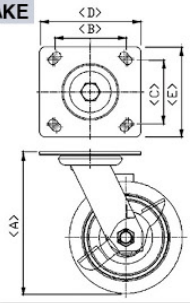
▷ S/B : Special Bearing (Ball bearing for castor)
▷ P/B : Plain Nylon (Nylon Bearing)
▷ C/B : Center Bearing (Standard Bearing 1 pcs)
▷ B/B : Ball Bearing (Standard Bearing 2 pcs)

Simple Drawing

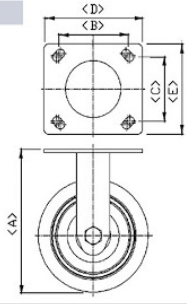
SWIVEL



SWIVEL BRAKE



RIGID



CASTERS NUMBERING SYSTEMS

FA 36 3 S 1 B

Stem Type	Series No.	Wheel Size	Type	Wheel Material	Brake
F A : Fastening Rubber P A : Top Plate Type	30 32 36 50	2-2" 3-3" 4-4" 5-5"	S : Swivel R : Rigid	1 : Soft Rubber 2 : Polyurethane 3 : Nylon 4 : Rubber Plastic E : ESD	B : Brake DB : Double Brake S : Stainless BS : STS Brake

AL RACK용 FASTENING RUBBER TYPE

FA363S-1



FA363S-1B



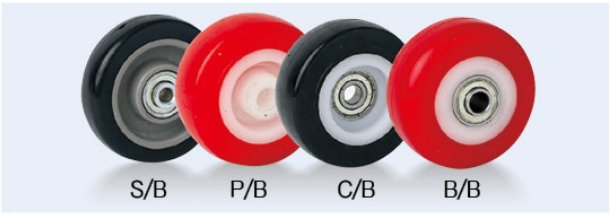
FA363R-1



Pipe	Part No.			Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm
	SWIVEL	BRAKE	RIGID							
Aluminum Pipe	FA302S-1	FA302S-1B	-	2"	Soft Rubber	Black	20	P/B	35	72
	FA303S-1	FA303S-1B	-	3"					45	97
	FA363S-1	FA363S-1B	-	3"	Soft Rubber	Black	25	P/B	45	95
	FA363S-4	FA363S-4B	FA363R-4		Rubber Plastic	Gray		C/B	50	95
	FA364S-1	FA364S-1B	FA364R-1	4"	Soft Rubber	Black		P/B	55	123
	FA364S-4	FA364S-4B	FA364R-4		Rubber Plastic	Gray		C/B	60	123

* FASTENING RUBBER TYPE : ESD is available

Bearing

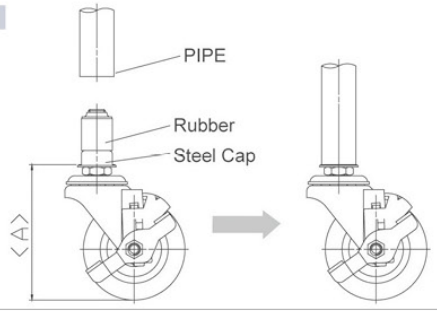


- ▷ S/B : Special Bearing (Ball bearing for castor)
- ▷ P/B : Plain Nylon (Nylon Bearing)
- ▷ C/B : Center Bearing (Standard Bearing 1 pcs)
- ▷ B/B : Ball Bearing (Standard Bearing 2 pcs)

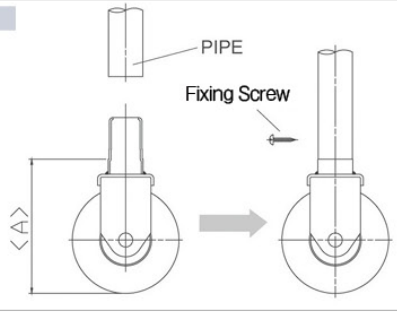
Remark	Wheel Material : Soft Rubber (Nomal) / ESD Soft Rubber	FA : Fastening Rubber Aluminum Pipe

Assembly Drawing

SWIVEL



RIGID



AL CASTER

TOP PLATE TYPE CASTER FOR AL RACK



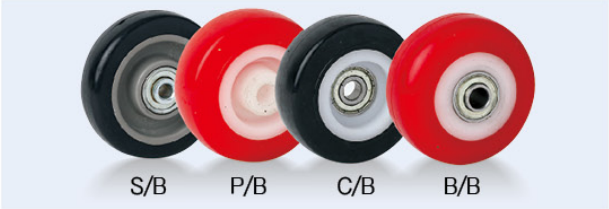




Part No.			Wheel Dia (inch)	Wheel Material	Wheel Color	Width(mm)	Bearing	kg	<A>mm	Plate Dimension(mm)	
SWIVEL	BRAKE	RIGID								Overall <D×E>	Hole <B×C>
PA503S-1	PA503S-1B	PA503R-1	3"	Soft Rubber	Black	32	S/B	56	104	95X79	75X45
PA503S-2	PA503S-2B	PA503R-2		Polyurethane	Red/Gray/Black			100			
PA504S-1	PA504S-1B	PA504R-1	4"	Soft Rubber	Black			75	129		
PA504S-2	PA504S-2B	PA504R-2		Polyurethane	Red/Gray/Black			105			
PA505S-1	PA505S-1B	PA505R-1	5"	Soft Rubber	Black			80	156		
PA505S-2	PA505S-2B	PA505R-2		Polyurethane	Red/Gray/Black			115			

※ PA503 / PA504 / PA505 Series : ESD is available

Bearing



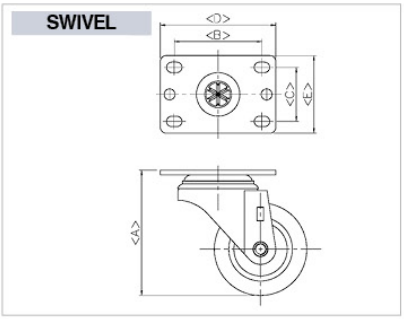
▷ S/B : Special Bearing (Ball bearing for castor)
▷ P/B : Plain Nylon (Nylon Bearing)
▷ C/B : Center Bearing (Standard Bearing 1 pcs)
▷ B/B : Ball Bearing (Standard Bearing 2 pcs)

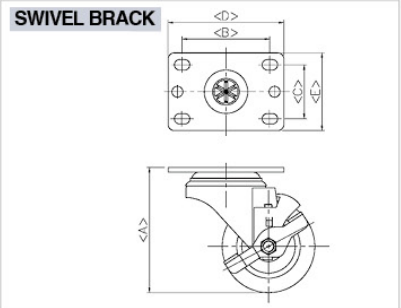
Wheel

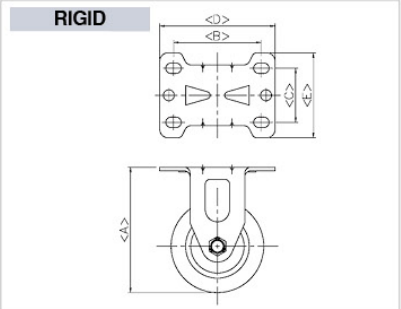




Simple Drawing







FLOOR LOCK

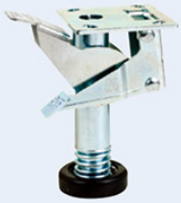
KH-200 (FLOOR LOCK)

Design

KH200-6



KH200-8

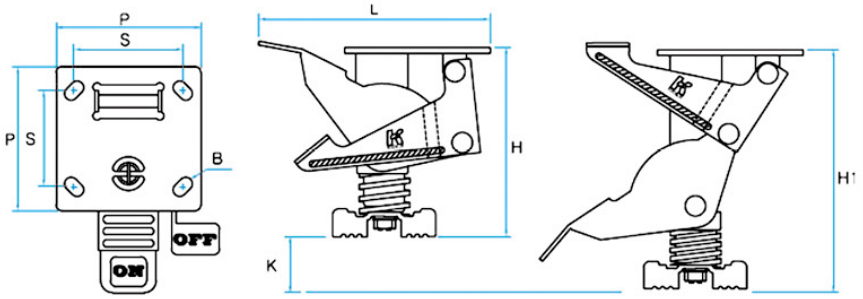


Item No.	Height H	Stroke K	Working height H1	Length L	Plate P	Bolt distance S	Bolt hole B	Caster height
KH-200-4	103	27	130~145	150	97X88	70 X 60	10	125~140
KH-200-5	120	27	147~172	150	97 X 88	70 X 60	10	145~165
KH-200-스텐	160	45	205~230	195	120X120	85 X 85	10	188~220
KH-200-6	160	45	205~230	195	120X120	85 X 85	11	188~220
KH-200-8	210	40	250	195	120X120	85 X 85	11	240~245

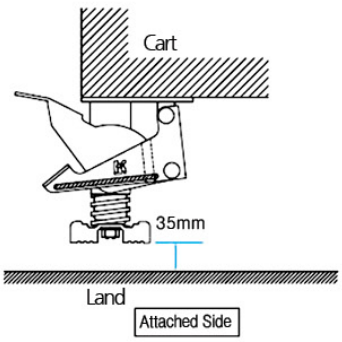
※ Please Referring the caster height to select the Floor Lock

Simple Drawing

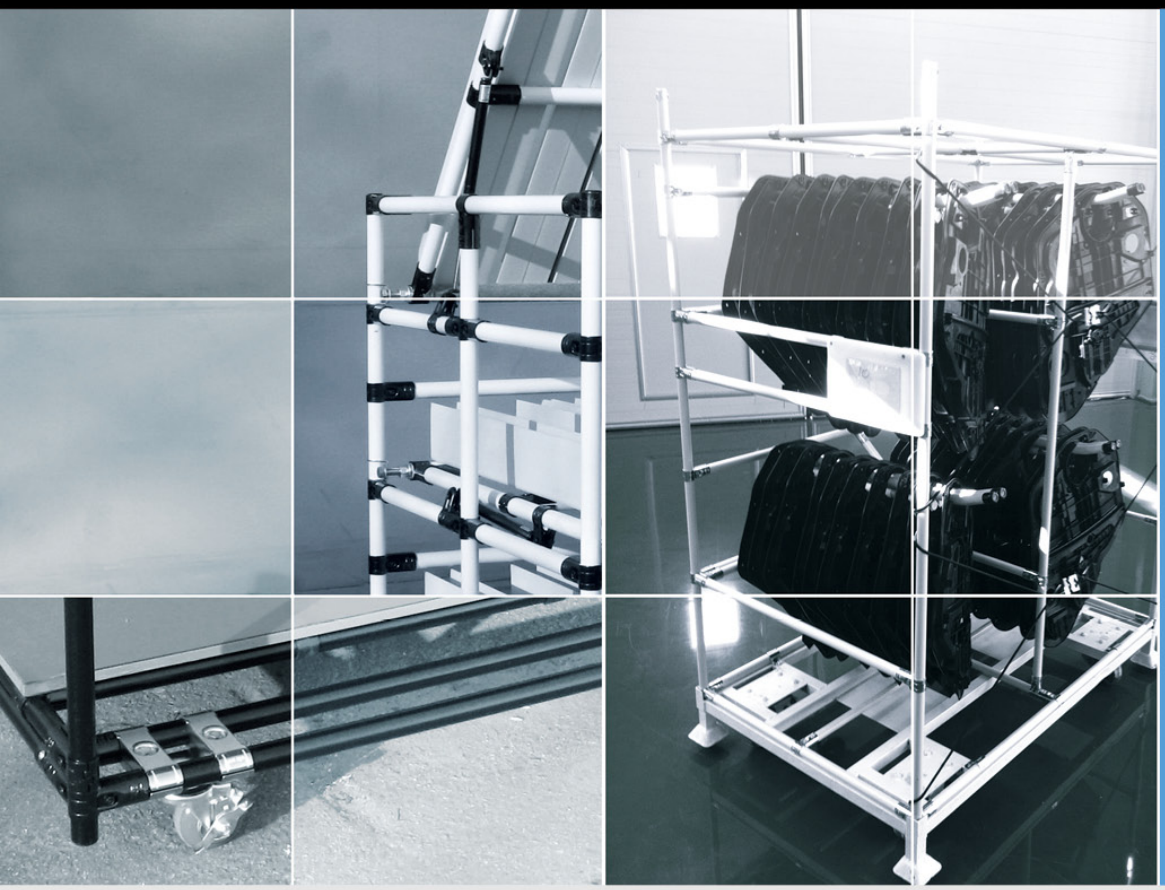
SWIVEL



STEM



ACCESSORIES



- PIPE REST & PLUG
- CASTER MOUNT & MOUNT CORNER UNIT
- FORK GUIDE & ASS'Y HAUL
- METAL CLAMP
- HOOK & HANGER & HANDLE
- METAL JOINT COVER
- TOOL HOLDER
- ASS'Y PULLEY
- NAME PLATE & LABEL CASE
- LEVELING FOOT
- THREADED INSERT & CAP
- PLASTIC CHANNEL
- FRAME GUIDE
- FASTENERS
- HAND CUTTER
- LIFT TABLE
- OTHERS

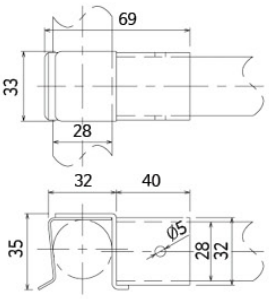
* Surface Treatment - WZ

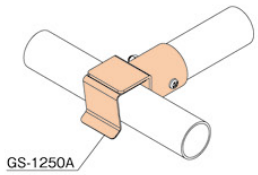
Unit : mm

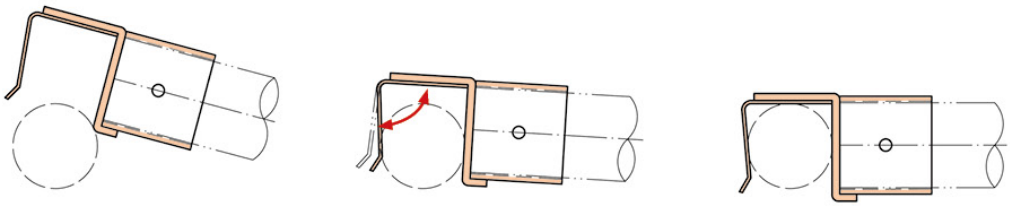
GS-1250A End Snap Rest



Material	Steel
Weight	0.100kg
Q'ty/Box	90pcs





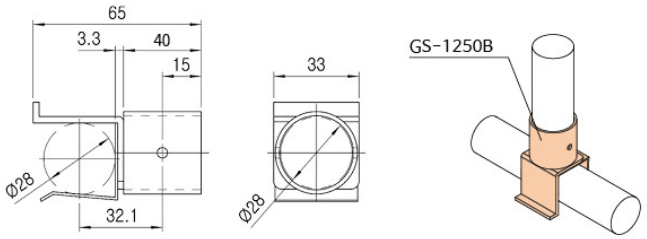


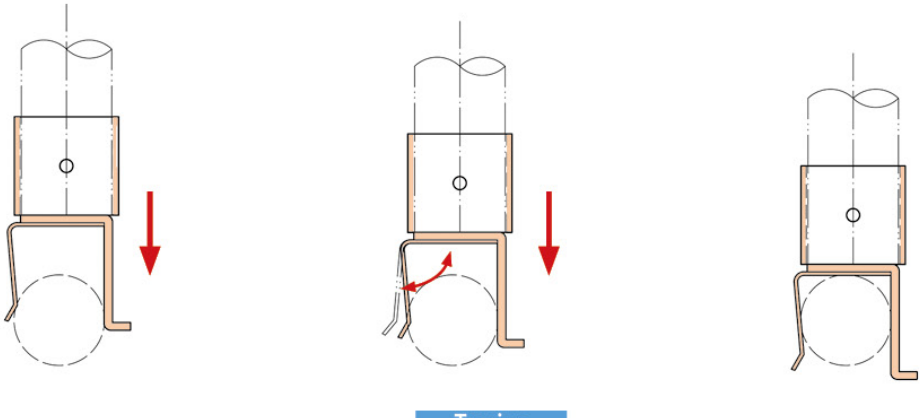
Tension

GS-1250B End Snap Rest



Material	Steel
Weight	0.100kg
Q'ty/Box	90pcs





Tension

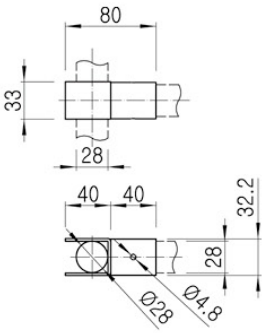
* Surface Treatment - WZ

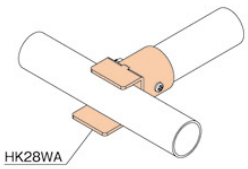
Unit : mm

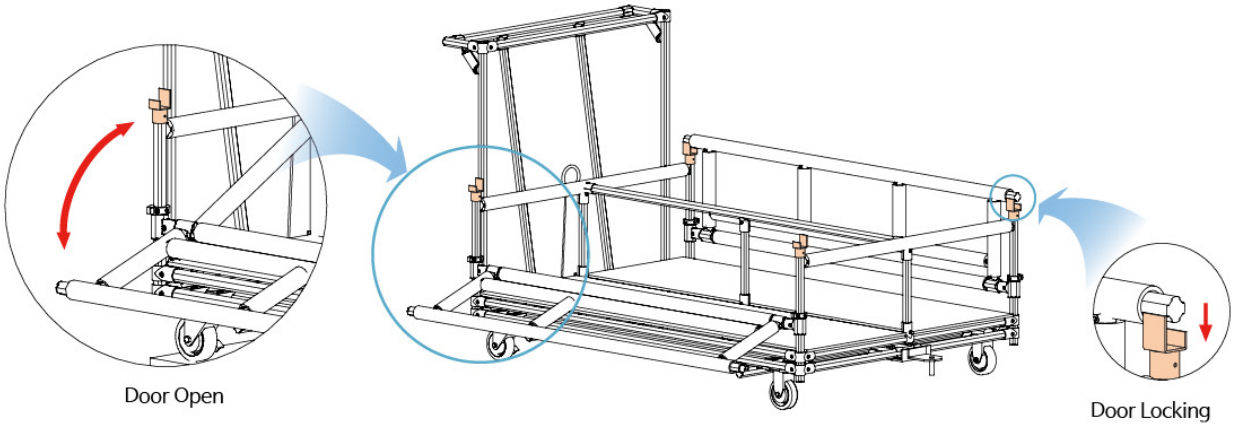
HK28WA Pipe Rest



Material	Steel
Weight	0.094kg
Q'ty/Box	90 pcs



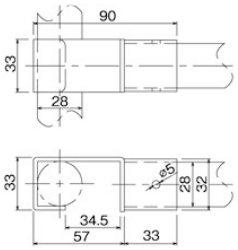


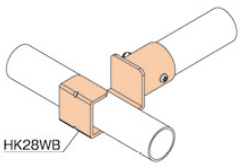


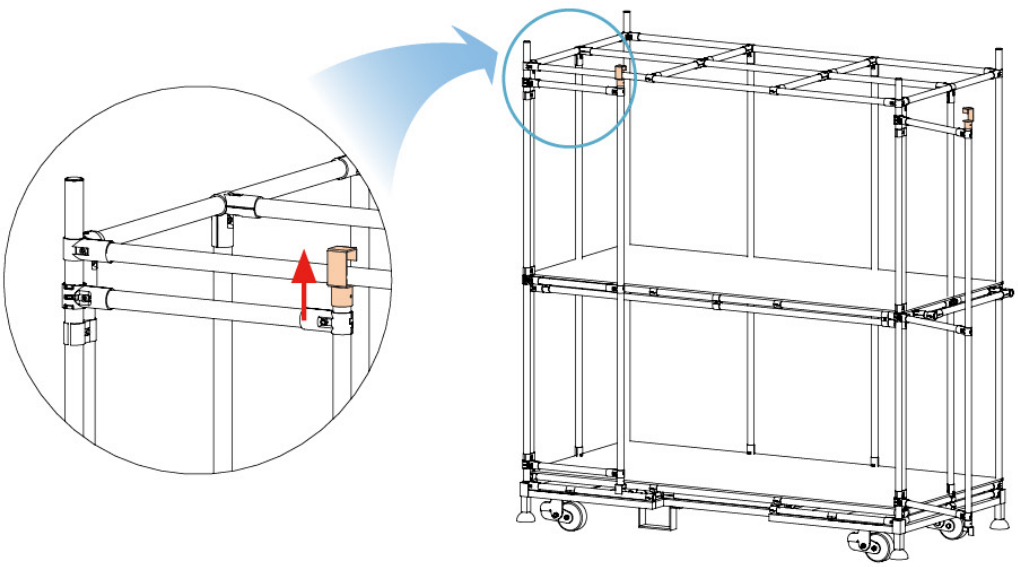
HK28WB Pipe Rest



Material	Steel
Weight	0.124kg
Q'ty/Box	70pcs







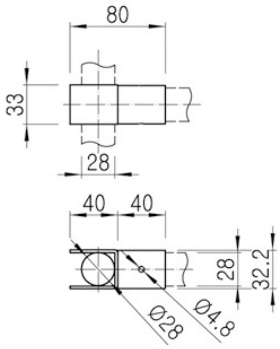
* Surface Treatment - WZ

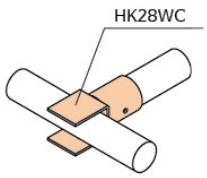
Unit : mm

HK28WC Pipe Rest



Material	Steel
Weight	0.121kg
Q'ty/Box	90pcs



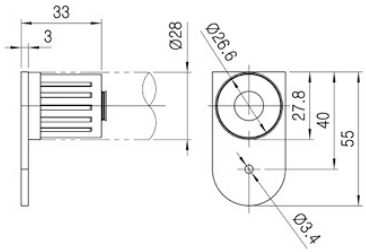


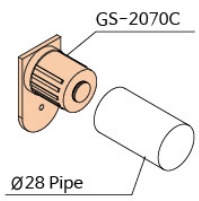
GS-2070C Pipe Plug



Material	Steel
Weight	0.120kg
Q'ty/Box	100pcs

Pipe	두께(T)	Part No.
Coated	0.7	GS-2070C-C07
	0.9	GS-2070C-C09
	1.0	GS-2070C-C10
	2.0	GS-2070C-C20
STS/ ECCO	0.7	GS-2070C-S07
	0.9	GS-2070C-S10
	1.2	GS-2070C-S12



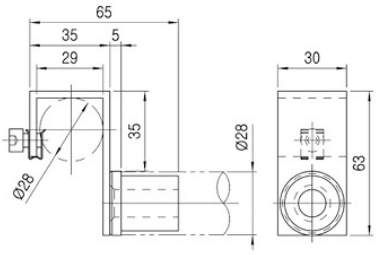


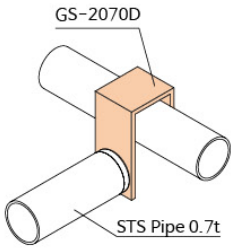
GS-2070D Slide Pipe Plug



Material	Steel
Weight	0.200kg
Q'ty/Box	90pcs

Pipe	두께(T)	Part No.
Coated	0.7	GS-2070D-C07
	0.9	-
	1.0	-
	2.0	GS-2070D-C20
STS/ ECCO	0.7	GS-2070D-S07
	0.9	GS-2070D-S10
	1.2	GS-2070D-S12



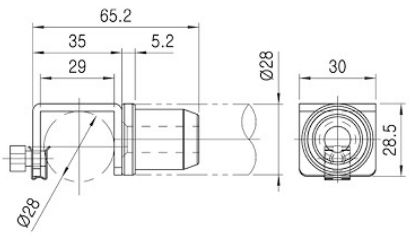


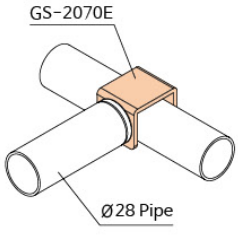
GS-2070E Slide Pipe Plug



Material	Steel
Weight	0.069kg
Q'ty/Box	100pcs

Pipe	두께(T)	Part No.
Coated	0.7	-
	0.9	GS-2070E-C09
	1.0	-
	2.0	-
STS/ ECCO	0.7	-
	0.9	-
	1.2	-

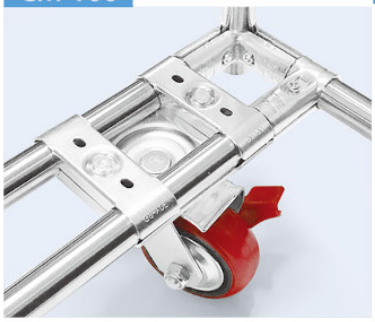




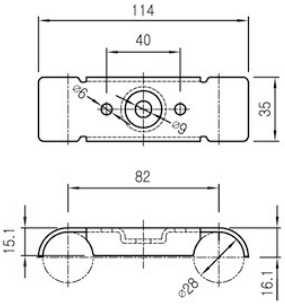
* Surface Treatment - WZ

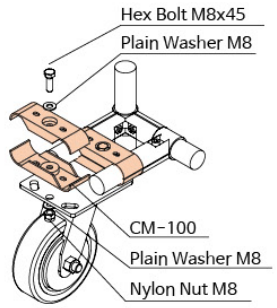
Unit : mm

CM-100 Caster Mount Strap



Material	Steel
Weight	0.102kg
Q'ty/Box	150pcs

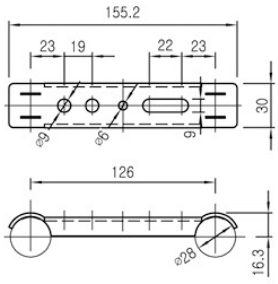


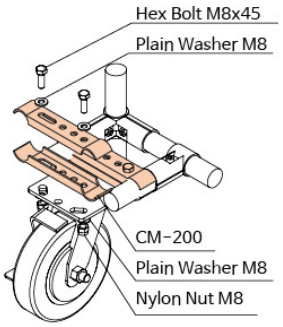


CM-200 Caster Mount Strap



Material	Steel
Weight	0.107kg
Q'ty/Box	120pcs

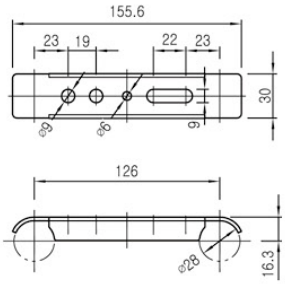


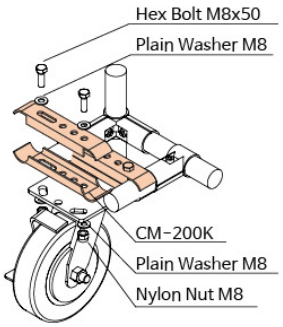


CM-200K Caster Mount Strap

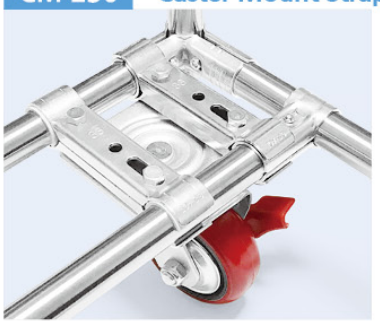


Material	Steel
Weight	0.107kg
Q'ty/Box	120pcs

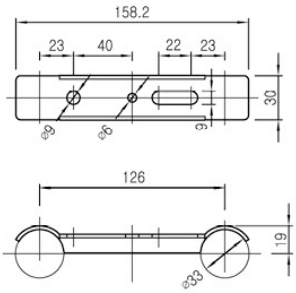


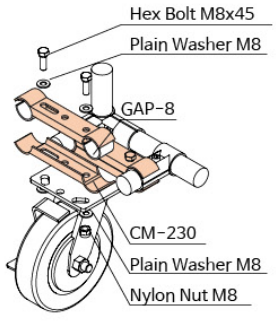


CM-230 Caster Mount Strap

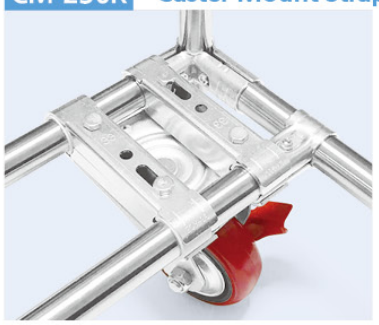


Material	Steel
Weight	0.111kg
Q'ty/Box	100pcs

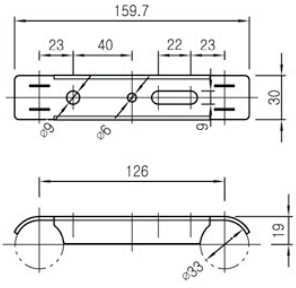


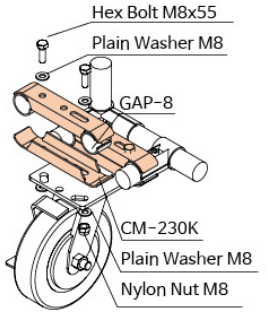


CM-230K Caster Mount Strap



Material	Steel
Weight	0.150kg
Q'ty/Box	100pcs

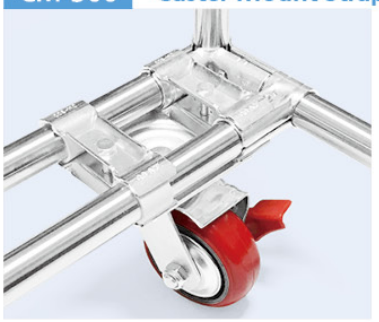




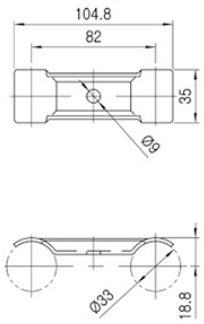
* Surface Treatment - WZ

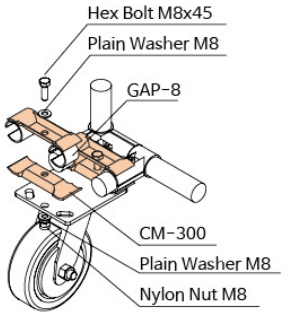
Unit : mm

CM-300 Caster Mount Strap

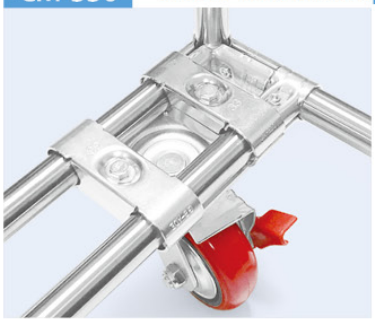


Material	Steel
Weight	0.078kg
Q'ty/Box	300pcs

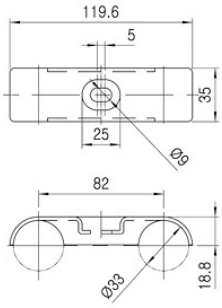


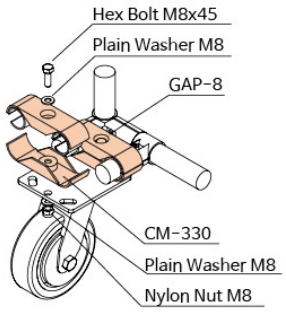


CM-330 Caster Mount Strap



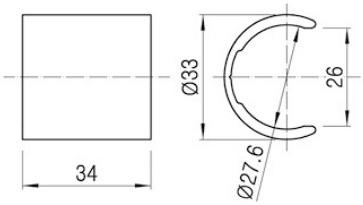
Material	Steel
Weight	0.113kg
Q'ty/Box	120pcs

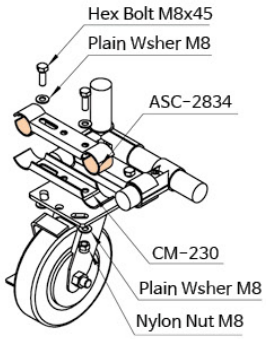




ASC-2834 AL Spacer (Instead of GAP-8)

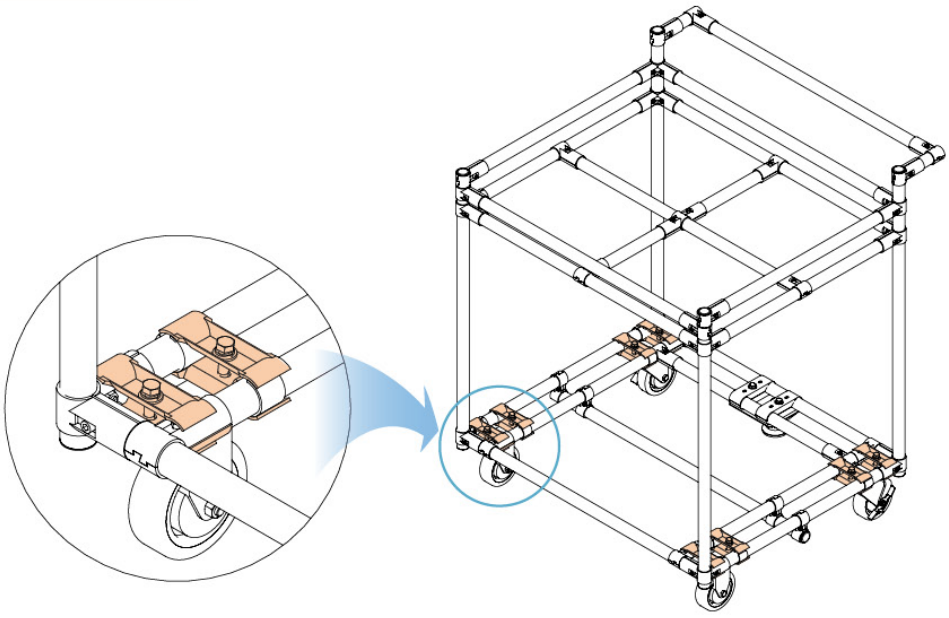






- Weight : 0.014kg
- Q'ty/Box : 200pcs

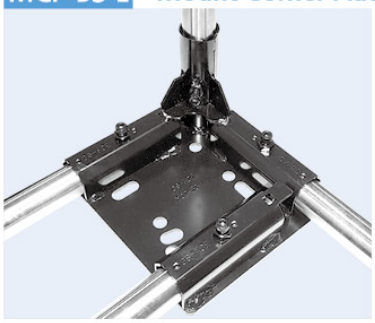
Applications of Caster Mount



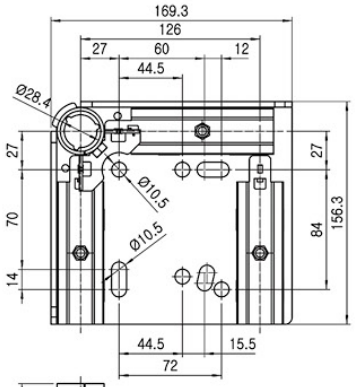
* Surface Treatment - WZ

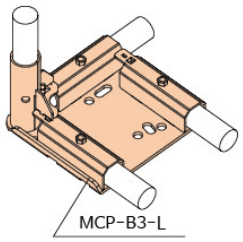
Unit : mm

MCP-B3-L Mount Corner Plate-Left

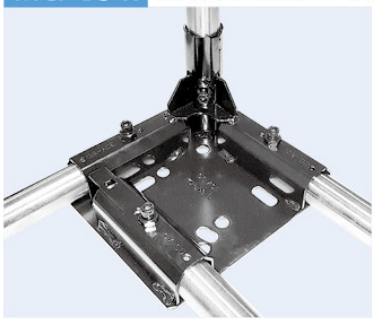


Material	Steel
Weight	1.478kg
Q'ty/Box	12pcs

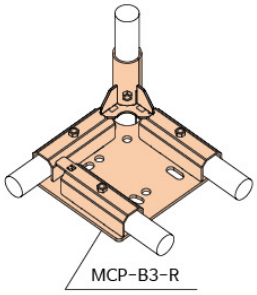




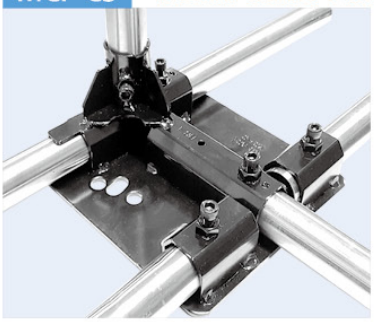
MCP-B3-R Mount Corner Plate-Right



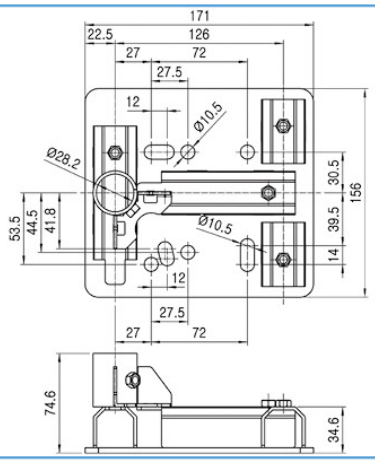
Material	Steel
Weight	1.478kg
Q'ty/Box	12pcs

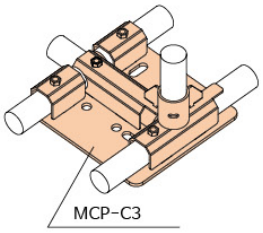


MCP-C3 Mount Center Plate



Material	Steel
Weight	1.28kg
Q'ty/Box	12pcs

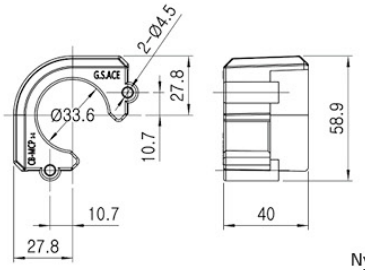


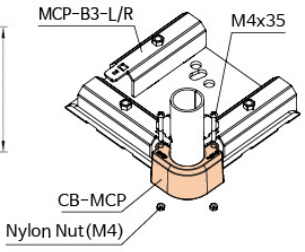


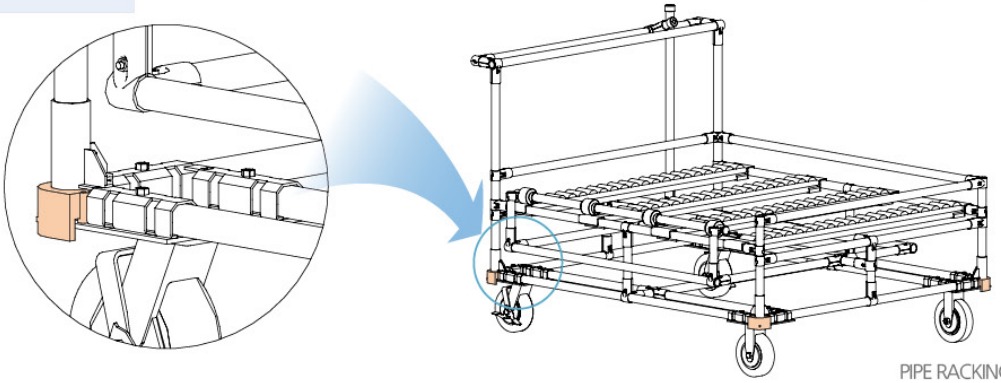
CB-MCP Corner Bumper



Material	Rubber
Weight	0.034kg
Q'ty/Box	150pcs







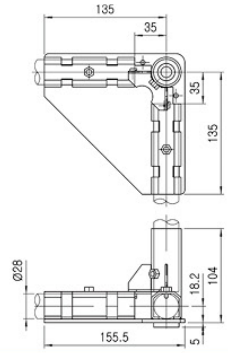
* Surface Treatment - WZ

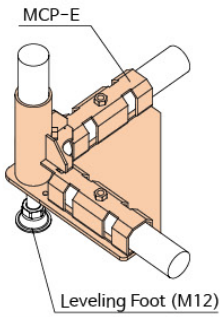
Unit : mm

MCP-E Mount Corner Plate



Material	Steel
Weight	1.110kg
Q'ty/Box	12pcs

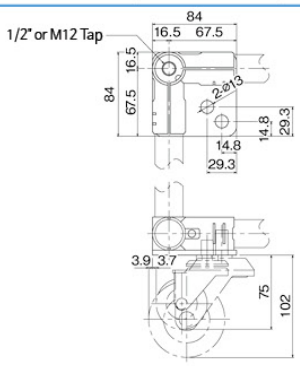


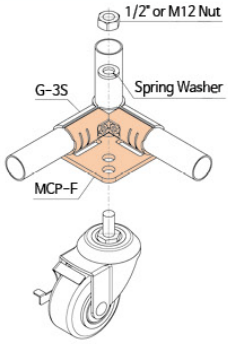


MCP-F-A/B Metal Corner Plate



Material	Steel
Weight	0.326kg
Q'ty/Box	30pcs

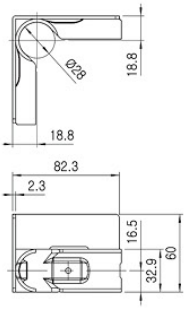


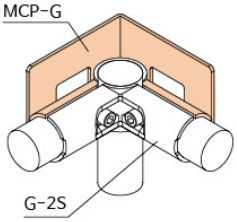


MCP-G Metal Corner Plate

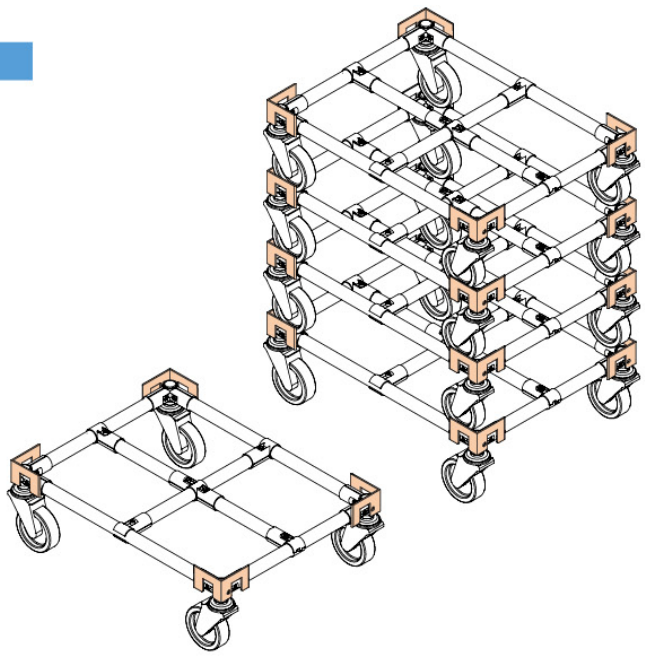


Material	Steel
Weight	0.260kg
Q'ty/Box	40pcs





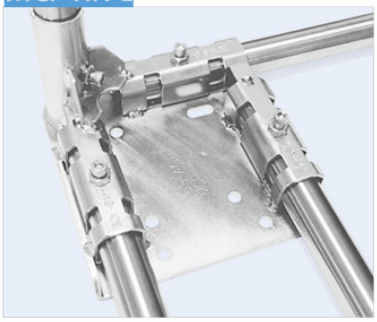
Applications of MCP-G



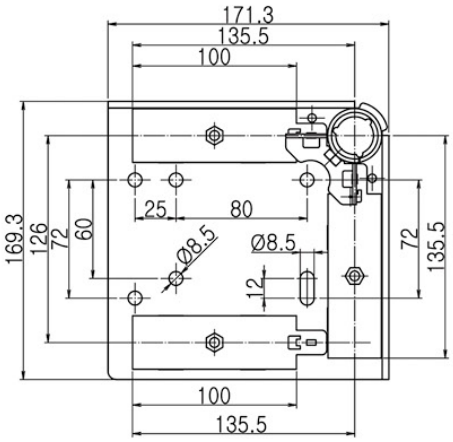
* Surface Treatment - WZ

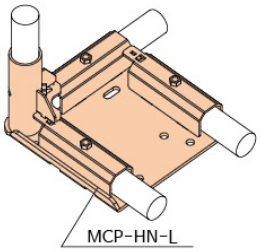
Unit : mm

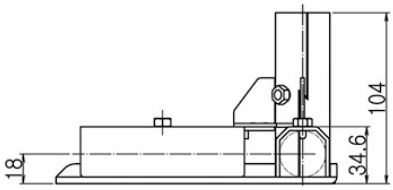
MCP-HN-L Mount Corner Plate-Left



Material	Steel
Weight	1.55kg
Q'ty/Box	12pcs



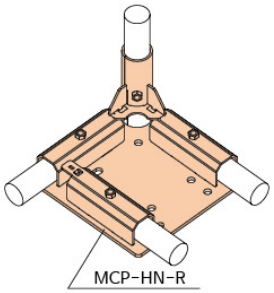




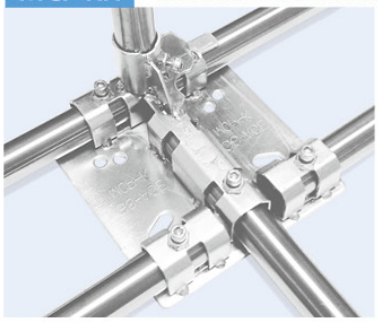
MCP-HN-R Mount Corner Plate-Right



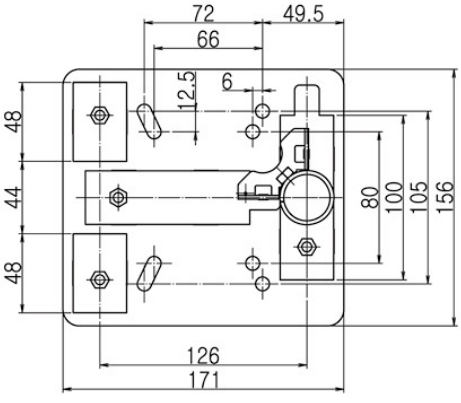
Material	Steel
Weight	1.55kg
Q'ty/Box	12pcs

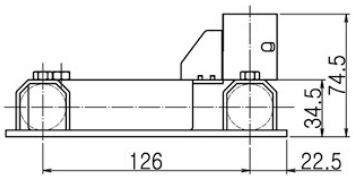


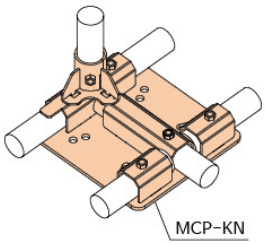
MCP-KN Mount Center Plate



Material	Steel
Weight	1.30kg
Q'ty/Box	12pcs







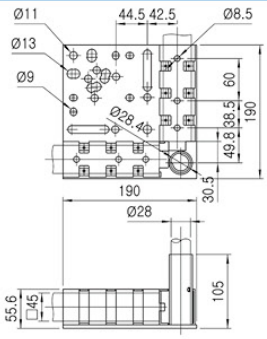
* Surface Treatment - WZ

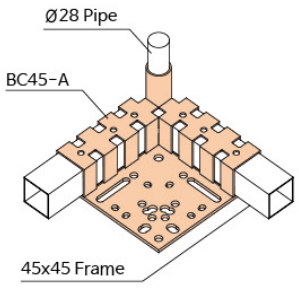
Unit : mm

BC45-A Base Corner

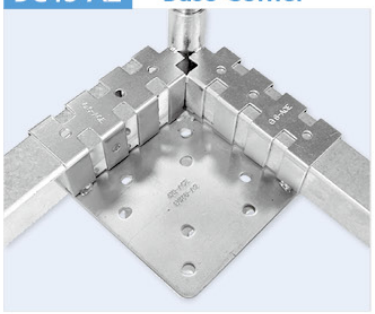


Material	Steel
Weight	1.85kg
Q'ty/Box	8pcs

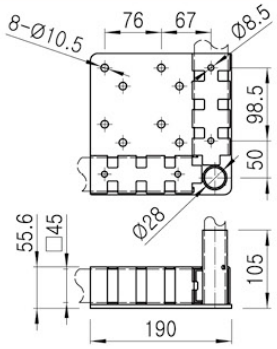


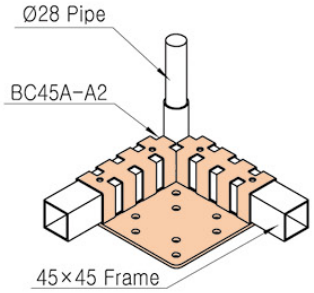


BC45-A2 Base Corner

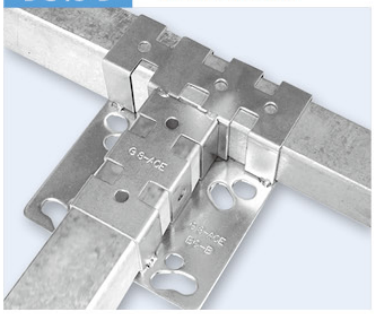


Material	Steel
Weight	2.135kg
Q'ty/Box	8pcs

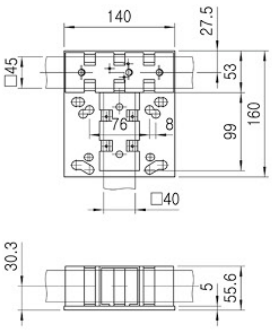


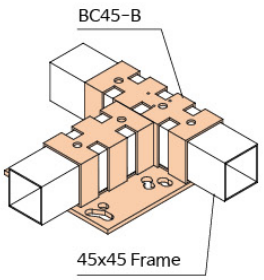


BC45-B Base Corner

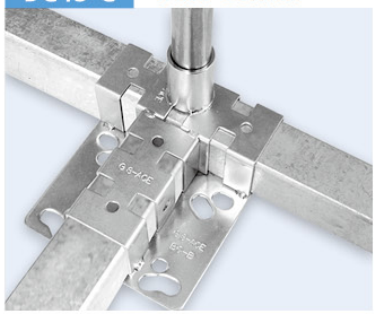


Material	Steel
Weight	1.170kg
Q'ty/Box	16pcs

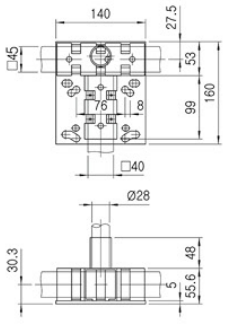


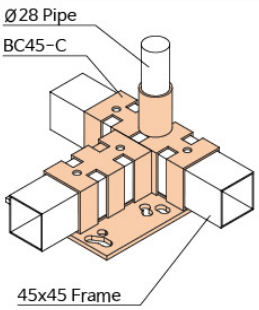


BC45-C Base Corner

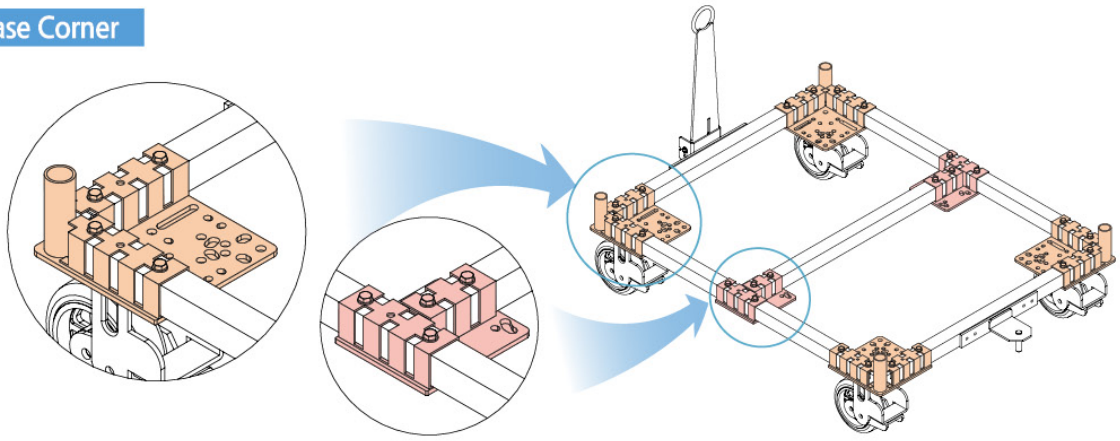


Material	Steel
Weight	1.280kg
Q'ty/Box	4pcs





Applications of Base Corner



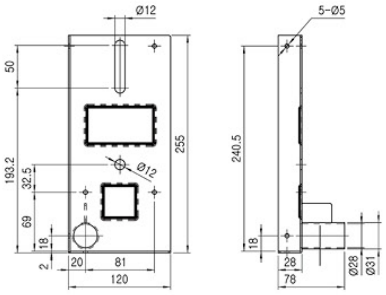
* Surface Treatment - WZ

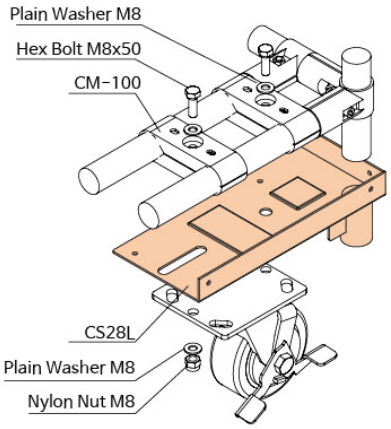
Unit : mm

CS28L Corner Support



Material	Steel
Weight	0.705kg
Q'ty/Box	24pcs

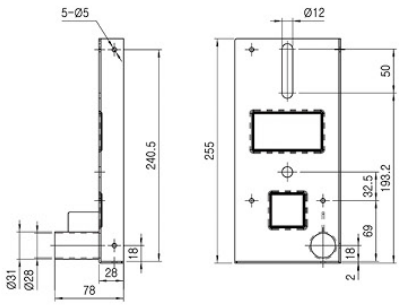


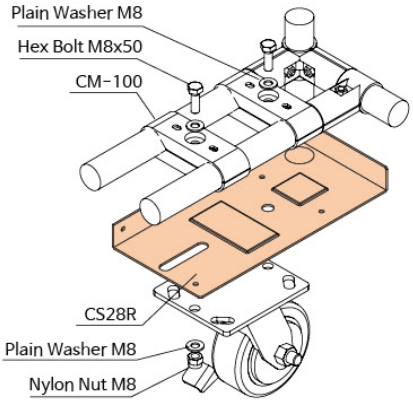


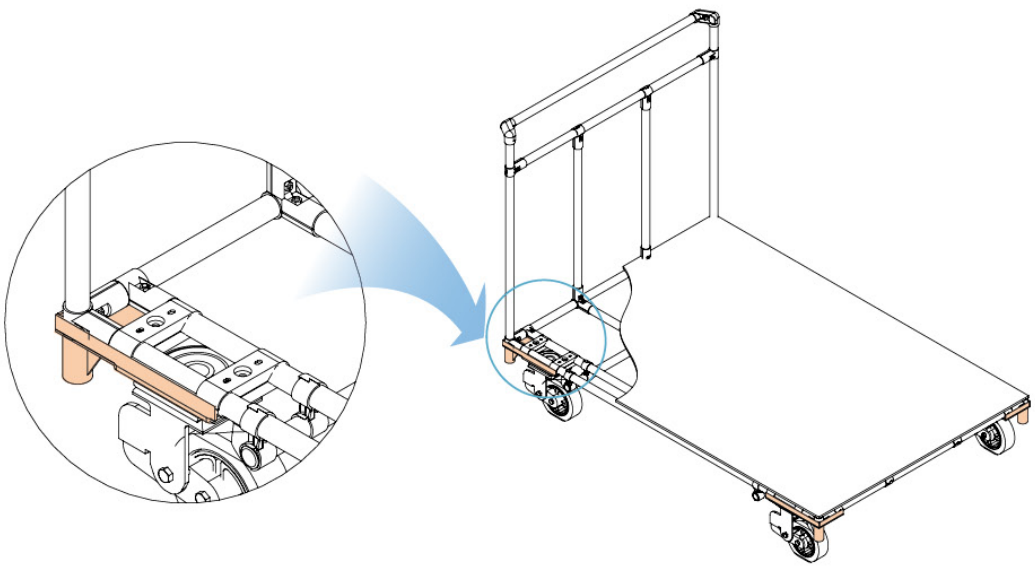
CS28R Corner Support



Material	Steel
Weight	0.750kg
Q'ty/Box	24pcs



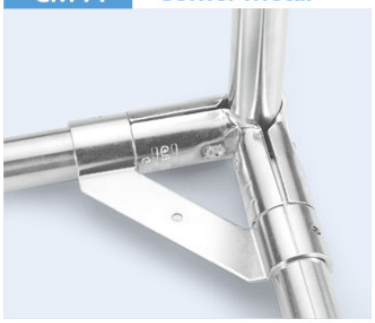




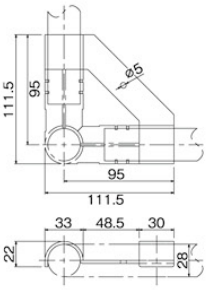
* Surface Treatment - WZ

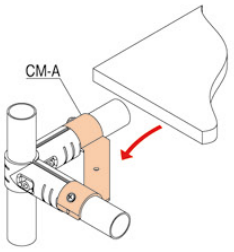
Unit : mm

CM-A Corner Metal



Material	Steel
Weight	0.100kg
Q'ty/Box	60pcs

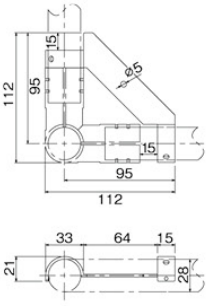


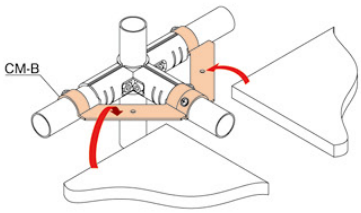


CM-B Corner Metal



Material	Steel
Weight	0.071kg
Q'ty/Box	60pcs





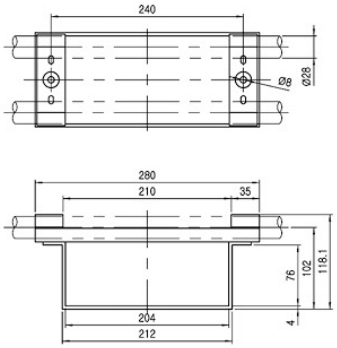
* Surface Treatment - WZ

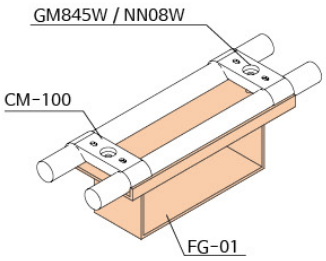
Unit : mm

FG-01 Fork Guide



Material	Steel
Weight	2.440kg
Q'ty/Box	2pcs

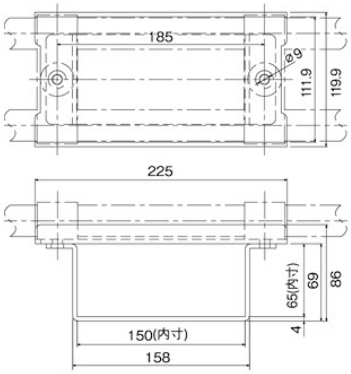


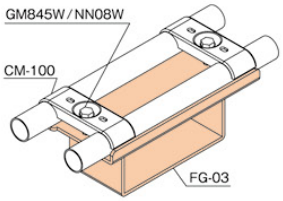


FG-03 Fork Guide



Material	Steel
Weight	1.770kg
Q'ty/Box	10pcs



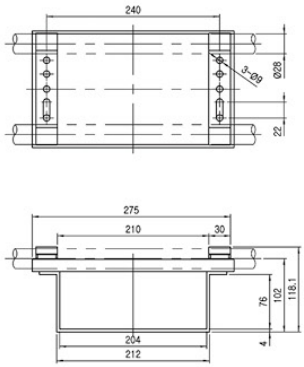


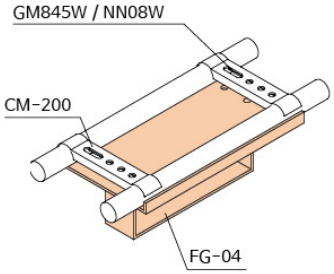
* Surface Treatment - WZ

Unit : mm

FG-04 Fork Guide

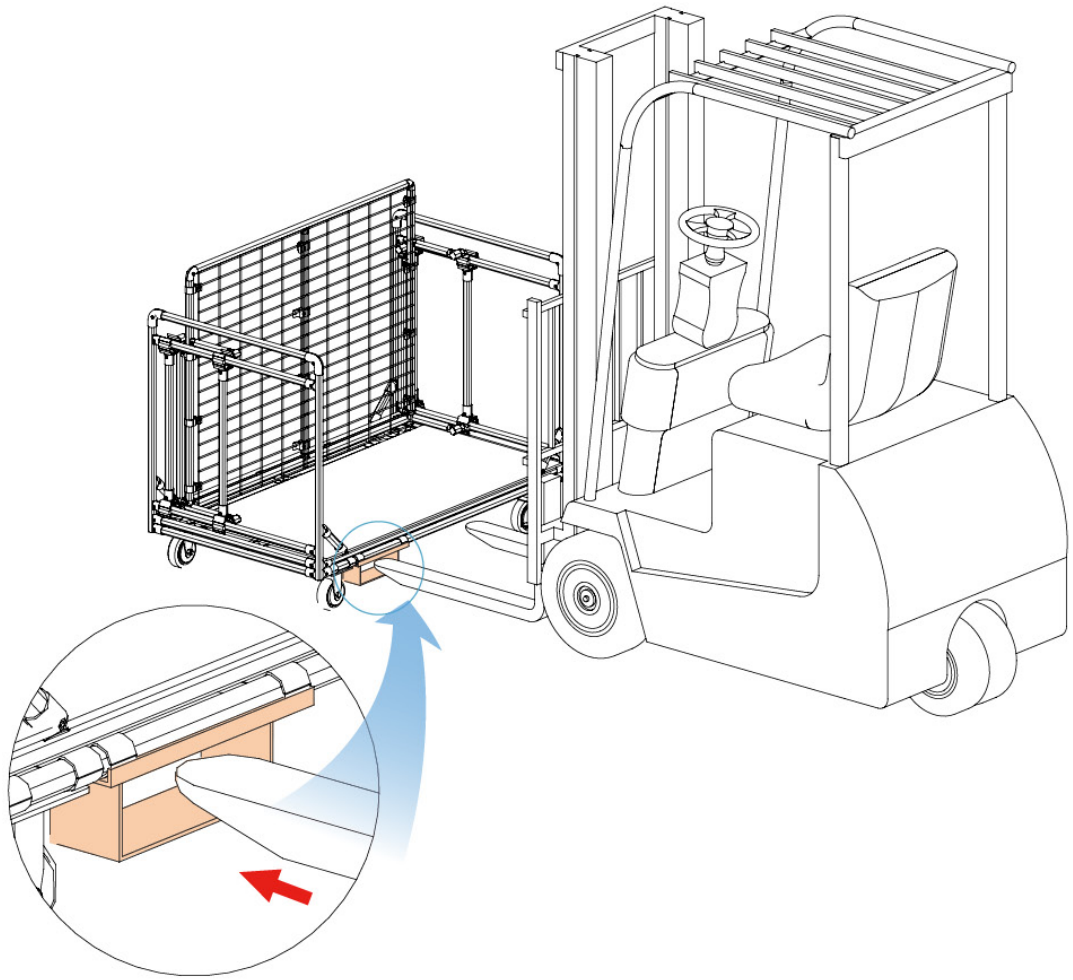






Material	Steel
Weight	2.300kg
Q'ty/Box	2pcs

Application of Fork Guide



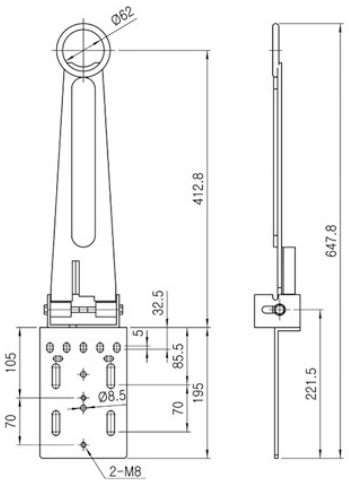
* Surface Treatment - WZ

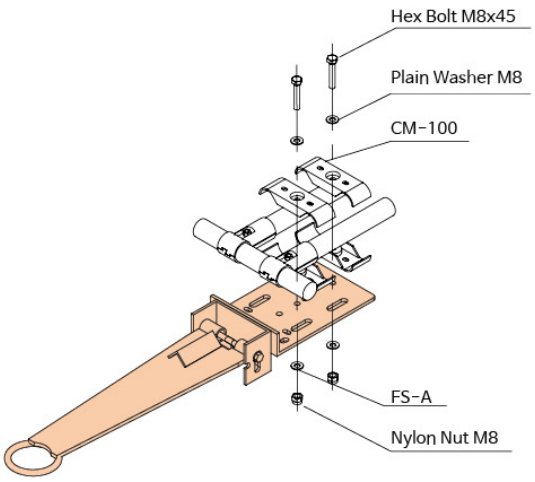
Unit : mm

FS-A Front Haul Ass'y-Spring Type



Material	Steel
Weight	3.400kg
Q'ty/Box	4pcs

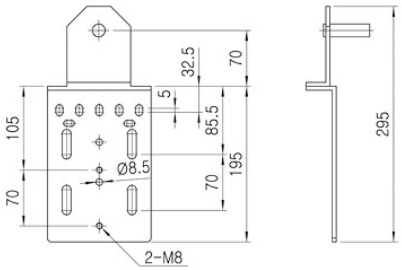


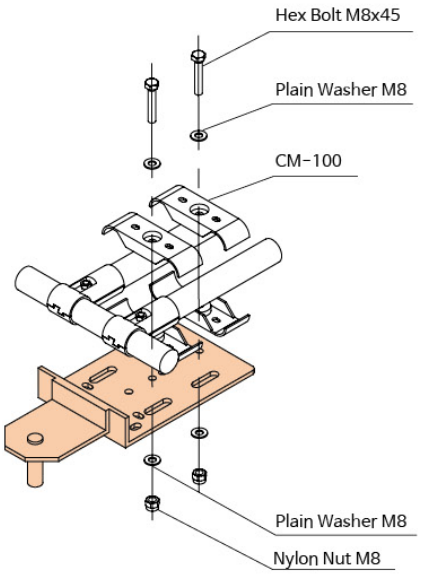


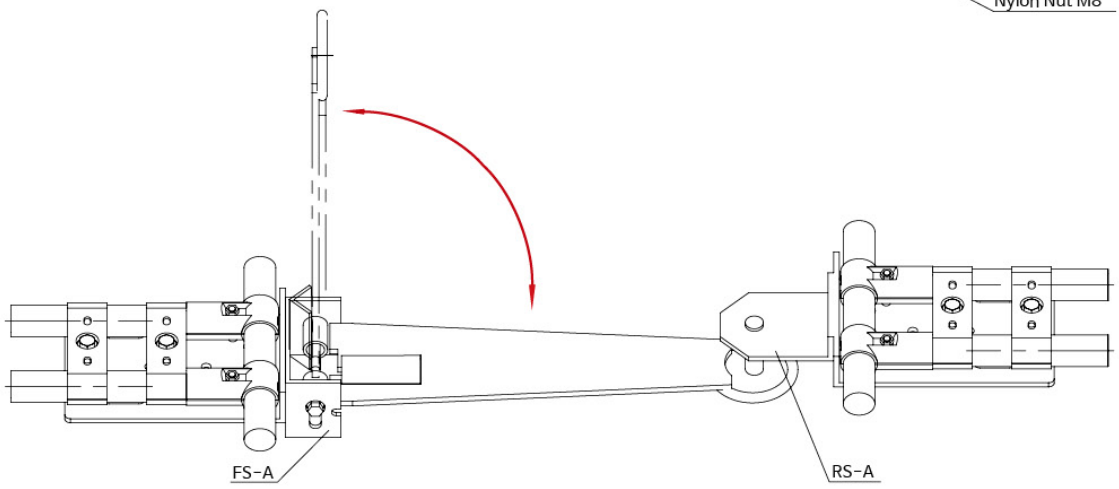
RS-A Rear Haul Ass'y-Spring Type



Material	Steel
Weight	1.500kg
Q'ty/Box	4 pcs







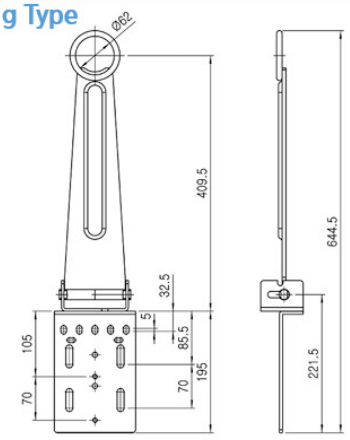
* Surface Treatment - WZ

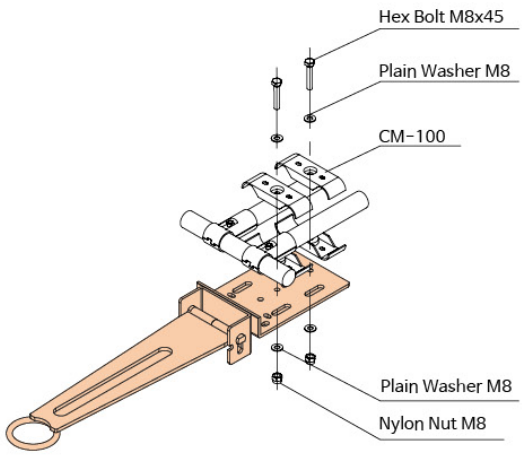
Unit : mm

FQ-B Front Haul Ass'y-Quicking Type



Material	Steel
Weight	3.100kg
Q'ty/Box	4pcs

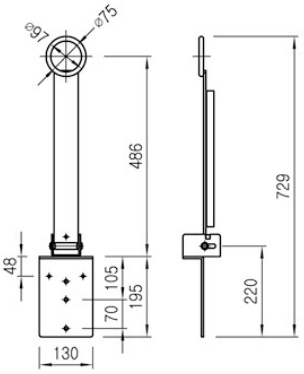


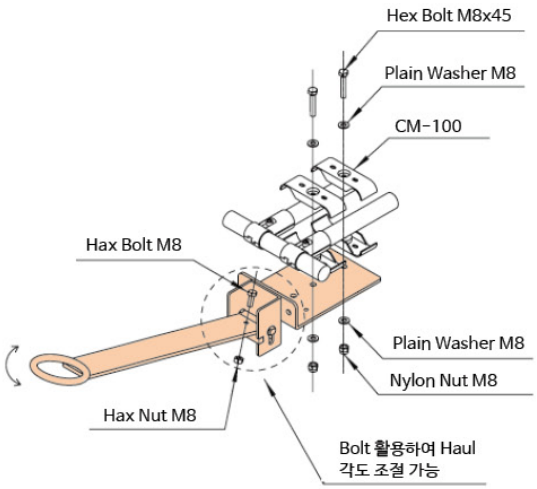


FQ-B2 Front Haul Ass'y-Long Type

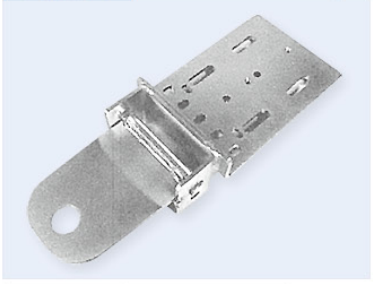


Material	Steel
Weight	3.258kg
Q'ty/Box	4pcs

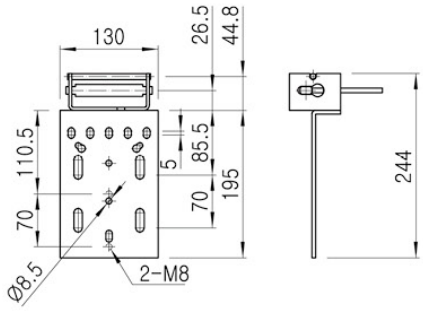


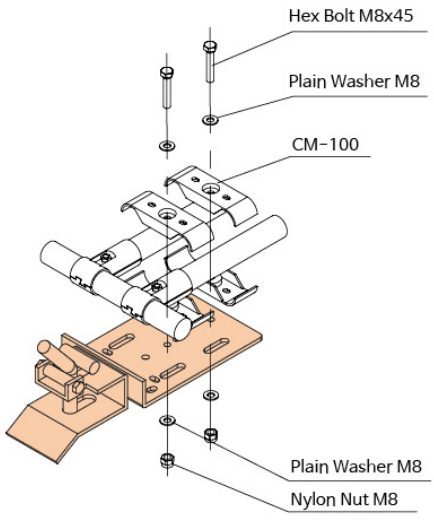


FQ-BL-1 Front Haul Ass'y

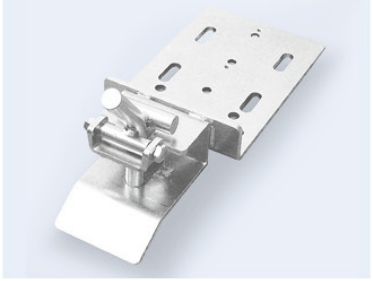


Material	Steel
Weight	2.143kg
Q'ty/Box	4pcs

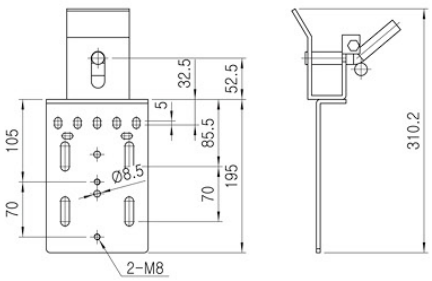




RQ-B Rear Haul Ass'y-Quicking Type



Material	Steel
Weight	2.100kg
Q'ty/Box	4pcs



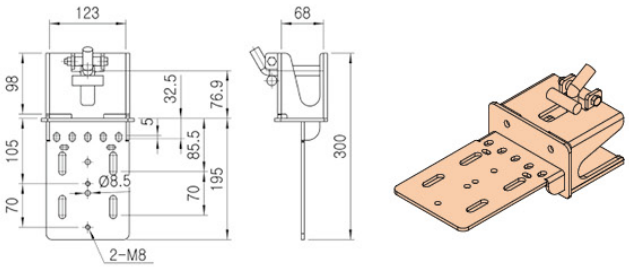
* Surface Treatment - WZ

Unit : mm

RQ-C Rear Haul Ass'y-Quicking Type



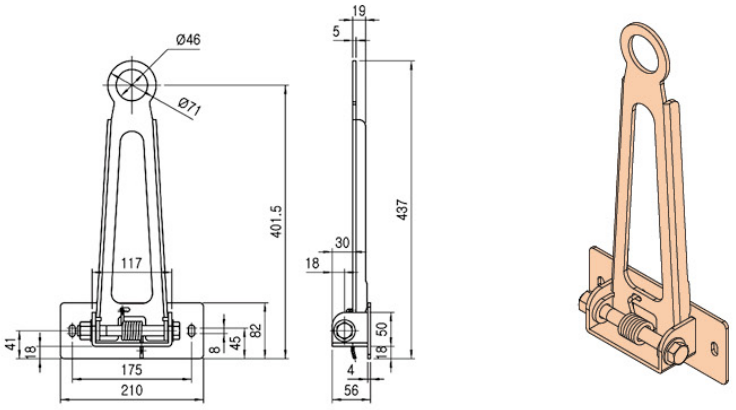
Material	Steel
Weight	3.380kg
Q'ty/Box	6pcs



FS-AN-1 Front Haul Ring Ass'y



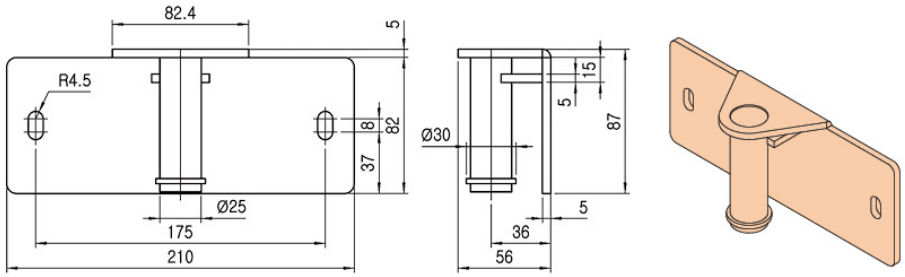
Material	Steel
Weight	2.046kg
Q'ty/Box	6pcs

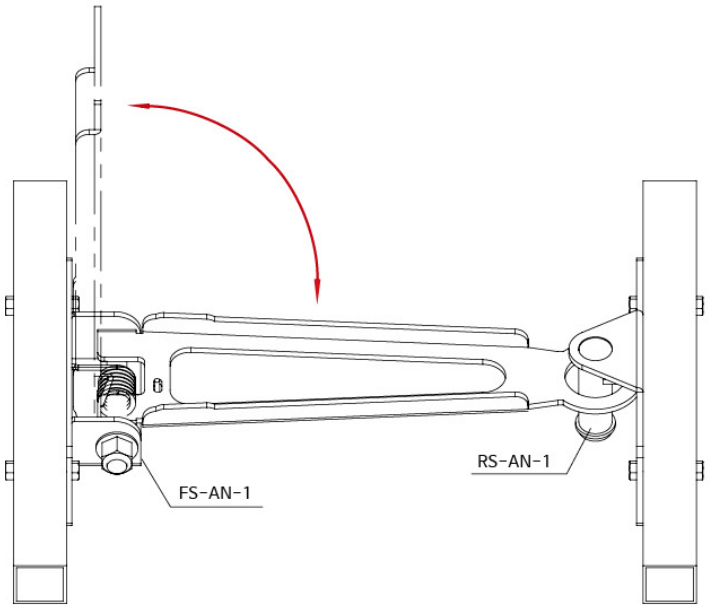


RS-AN-1 Rear Haul Ring Ass'y



Material	Steel
Weight	1.090kg
Q'ty/Box	24pcs





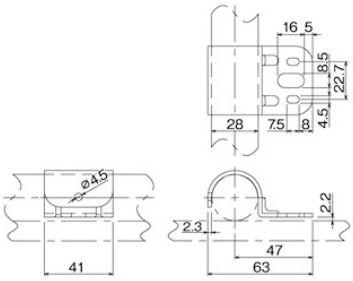
* Surface Treatment - WZ

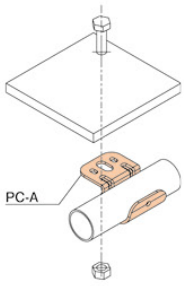
Unit : mm

PC-A Base Lock Metal



Material	Steel
Weight	0.063kg
Q'ty/Box	150pcs

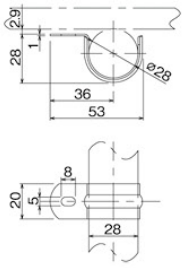


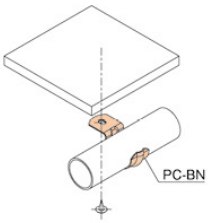


PC-BN Pipe Clamp (Single Mount)



Material	Steel
Weight	0.020kg
Q'ty/Box	300pcs

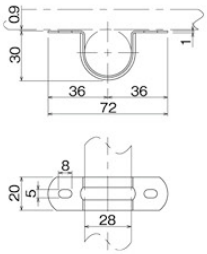


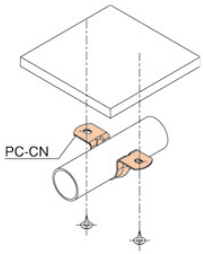


PC-CN Pipe Clamp (Double Mount)

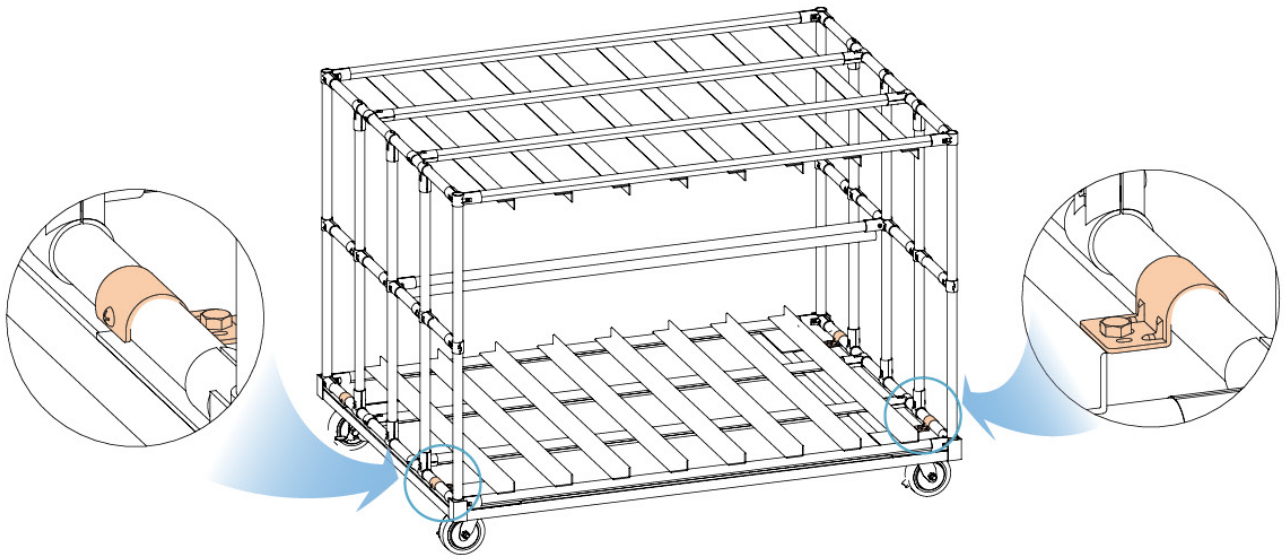


Material	Steel
Weight	0.026kg
Q'ty/Box	400pcs





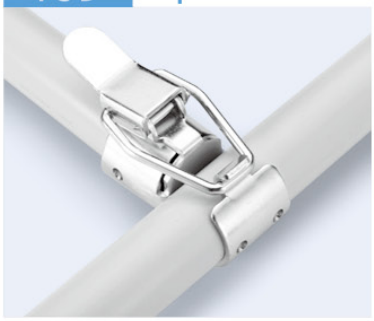
Applications of PC-A



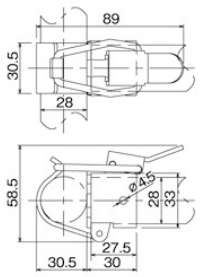
* Surface Treatment - WZ

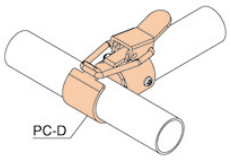
Unit : mm

PC-D Pipe Lock Metal

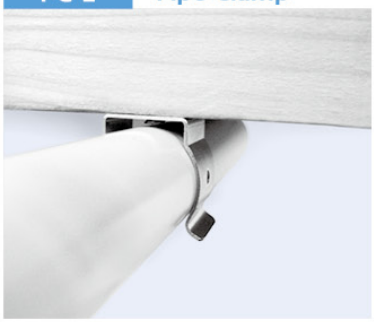


Material	Steel
Weight	0.157kg
Q'ty/Box	50pcs

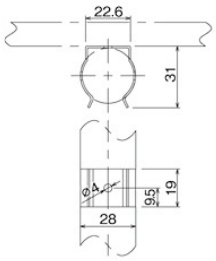


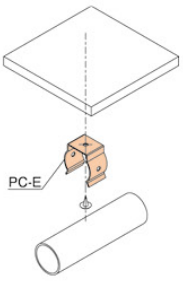


PC-E Pipe Clamp



Material	Steel
Weight	0.012kg
Q'ty/Box	400pcs

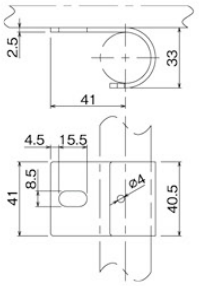


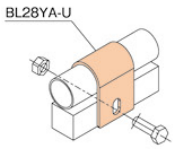


BL28YA-U Pipe Holder

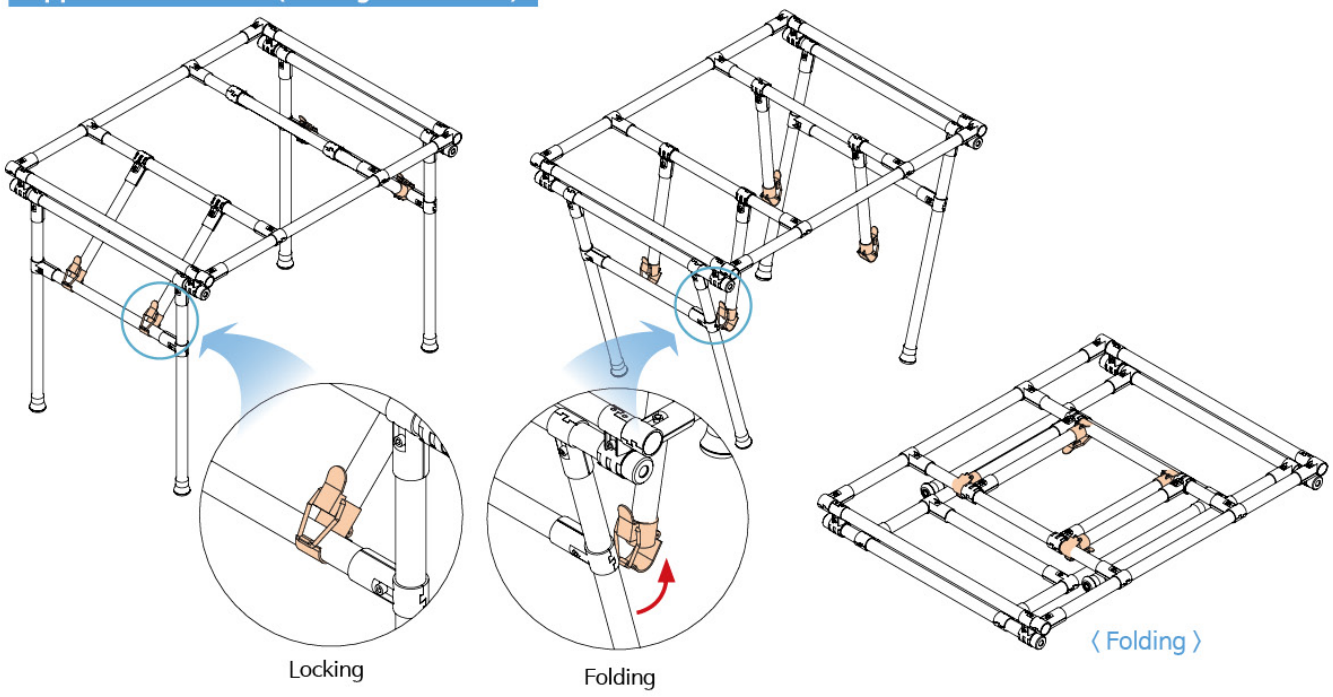


Material	Steel
Weight	0.076kg
Q'ty/Box	150pcs





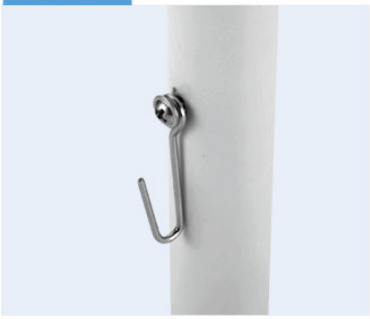
Applications of PC-D (Folding Work Table)



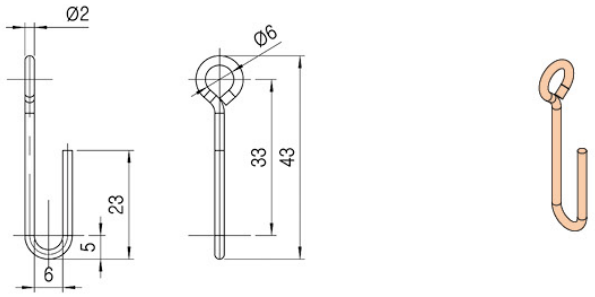
* Surface Treatment - WZ

Unit : mm

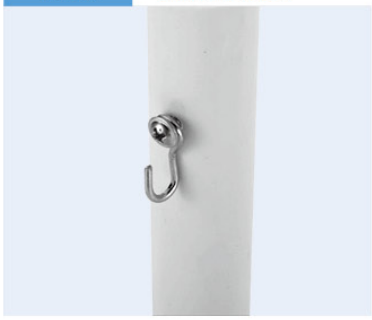
BH-A Band Hook



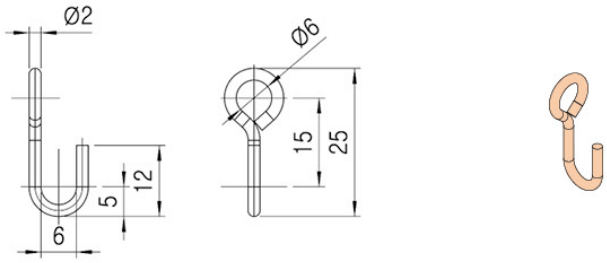
Material	Steel
Weight	0.002kg
Q'ty/Box	1000pcs



BH-B Band Hook



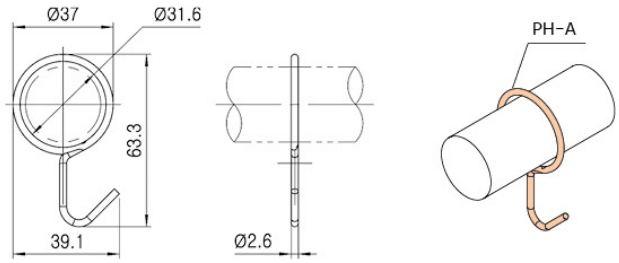
Material	Steel
Weight	0.001kg
Q'ty/Box	2000pcs



PH-A Hanger



Material	Steel
Weight	0.006kg
Q'ty/Box	500pcs

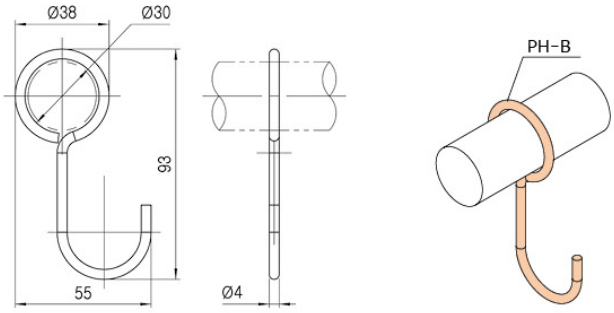


PH-B Hanger



Material	Steel
Weight	0.020kg
Q'ty/Box	250pcs

Pipe 방향과 동일한 방향

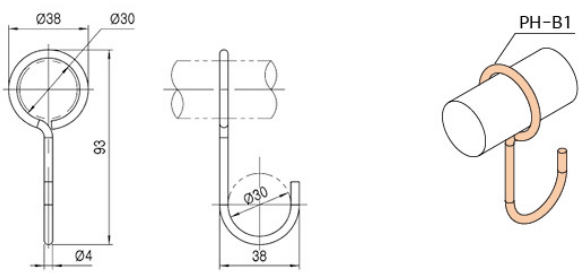


PH-B1 Hanger



Material	Steel
Weight	0.020kg
Q'ty/Box	250pcs

Pipe 방향과 직각 방향



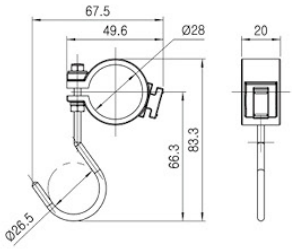
* Surface Treatment - WZ

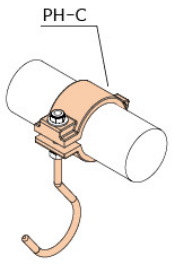
Unit : mm

PH-C Hanger



Material	Plastic+Steel
Weight	0.019kg
Q'ty/Box	90pcs

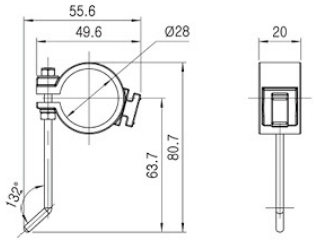


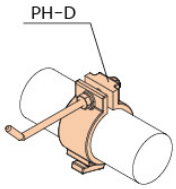


PH-D Hanger

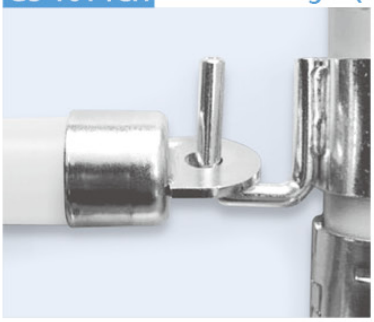


Material	Plastic+Steel
Weight	0.017kg
Q'ty/Box	100pcs

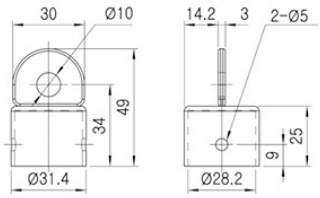


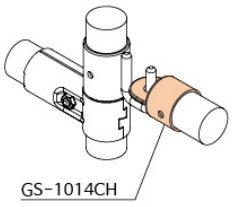


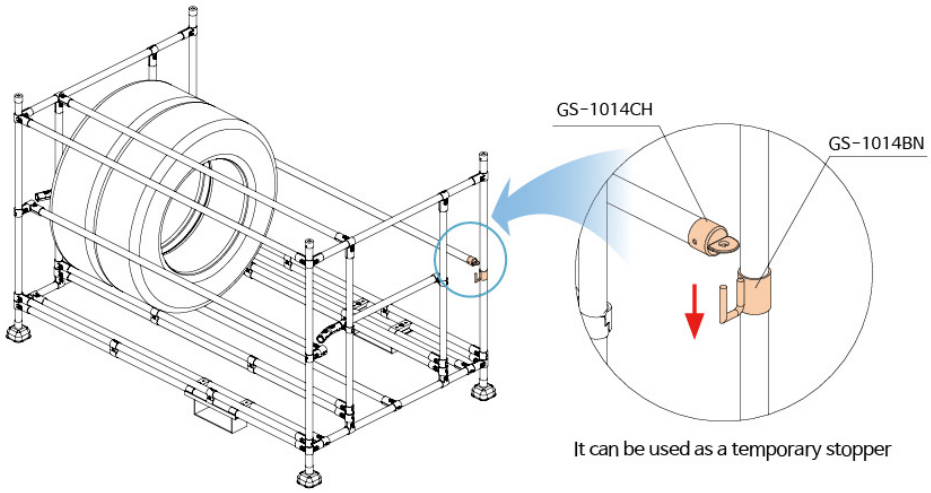
GS-1014CH Sleeve Hanger (2 Hole)



Material	Steel
Weight	0.050kg
Q'ty/Box	70pcs







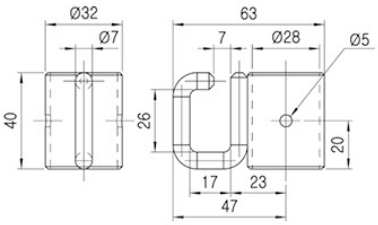
* Surface Treatment - WZ

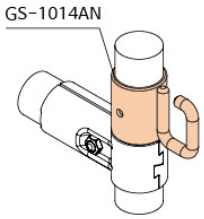
Unit : mm

GS-1014AN Sleeve Hanger



Material	Steel
Weight	0.130kg
Q'ty/Box	70 pcs

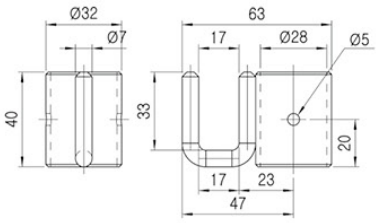


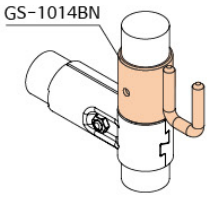


GS-1014BN Sleeve Hanger



Material	Steel
Weight	0.130kg
Q'ty/Box	70pcs

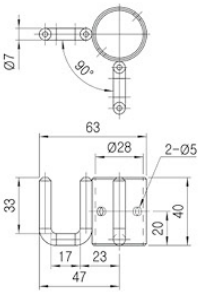


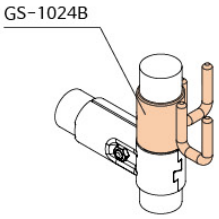


GS-1024B Sleeve Hanger



Material	Steel
Weight	0.100kg
Q'ty/Box	56pcs

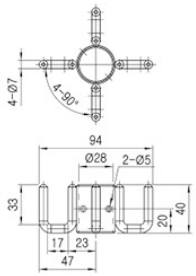


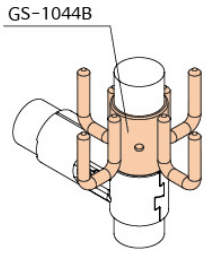


GS-1044B Sleeve Hanger



Material	Steel
Weight	0.155kg
Q'ty/Box	33pcs

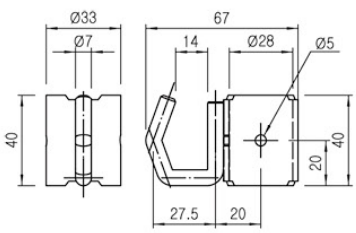


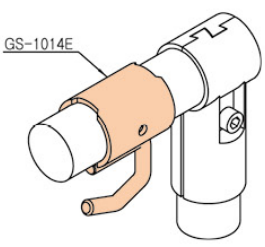


GS-1014E Sleeve Hanger



Material	Steel
Weight	0.100kg
Q'ty/Box	70pcs

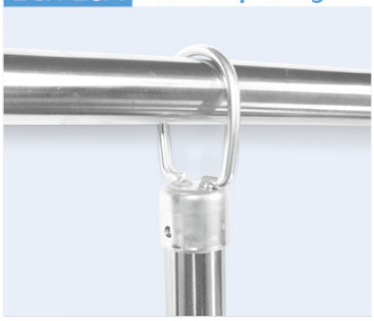




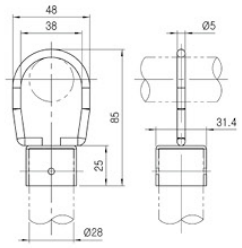
* Surface Treatment - WZ

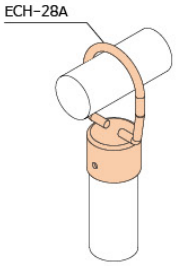
Unit : mm

ECH-28A End Cap Hanger

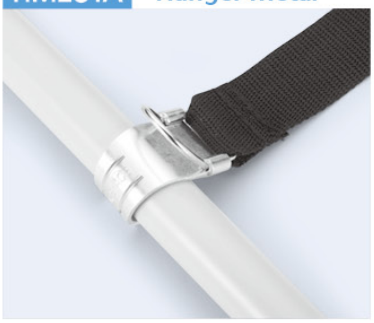


Material	Steel
Weight	0.060kg
Q'ty/Box	70pcs

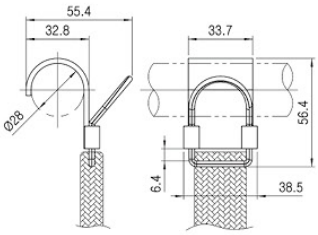


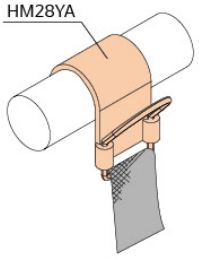


HM28YA Hanger Metal



Material	Steel
Weight	0.049kg
Q'ty/Box	100pcs

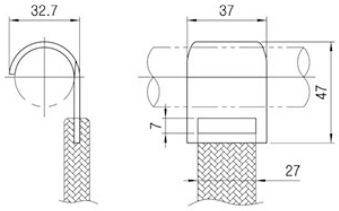


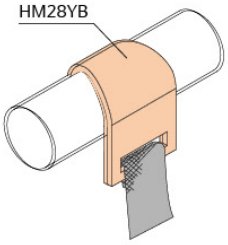


HM28YB Hanger Metal



Material	Steel
Weight	0.040kg
Q'ty/Box	100pcs

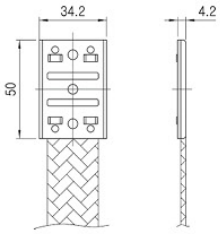


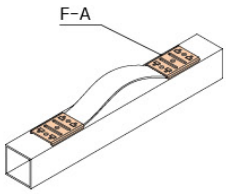


F-A Handle (Flat Type)



Material	Steel
Weight	0.020kg
Q'ty/Box	500pcs

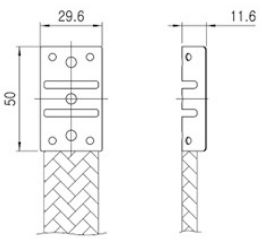


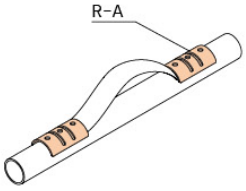


R-A Handle (Round Type)



Material	Steel
Weight	0.020kg
Q'ty/Box	400pcs



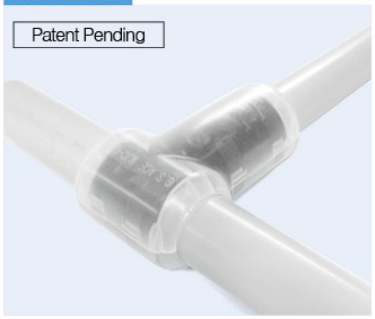


* Surface Treatment - WZ

Unit : mm

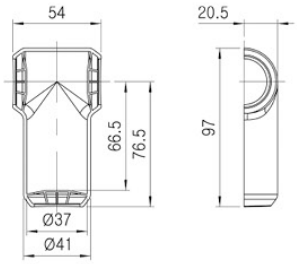
MJC-G1 Metal Joint Cover

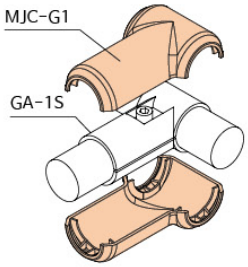
Patent Pending



Material	Plastic
Weight	0.013kg
Q'ty/Box	150pcs

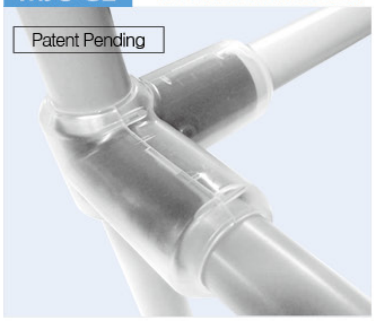
* Color : Natural





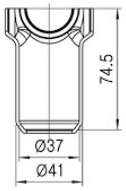
MJC-G2 Metal Joint Cover

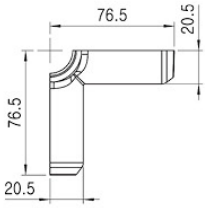
Patent Pending

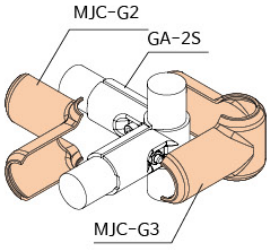


Material	Plastic
Weight	0.012kg
Q'ty/Box	280pcs

* Color : Natural

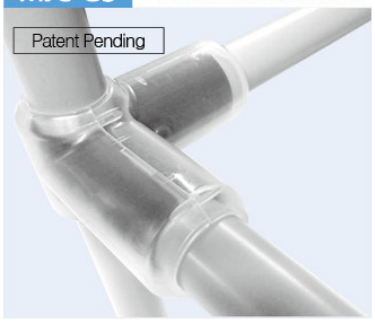






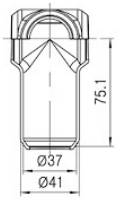
MJC-G3 Metal Joint Cover

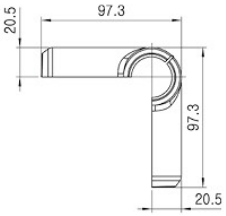
Patent Pending



Material	Steel
Weight	0.020kg
Q'ty/Box	120pcs

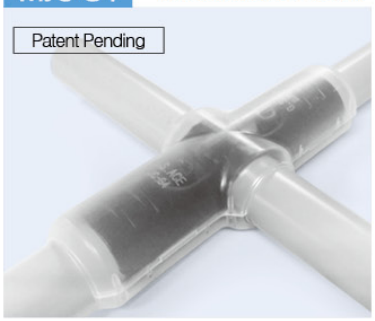
* Color : Natural





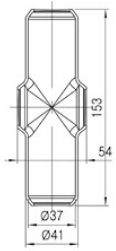
MJC-G4 Metal Joint Cover

Patent Pending

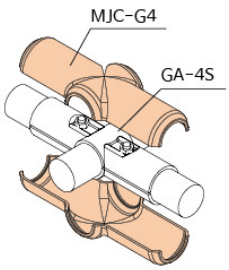


Material	Plastic
Weight	0.020kg
Q'ty/Box	120pcs

* Color : Natural

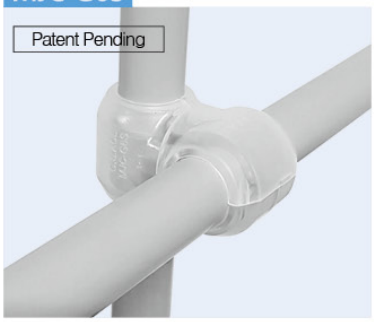






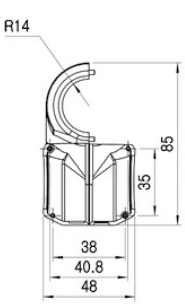
MJC-G6S Metal Joint Cover

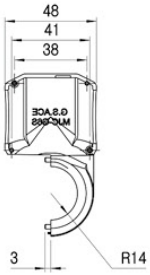
Patent Pending

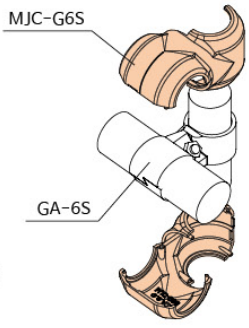


Material	Plastic
Weight	0.010kg
Q'ty/Box	150pcs

* Color : Natural



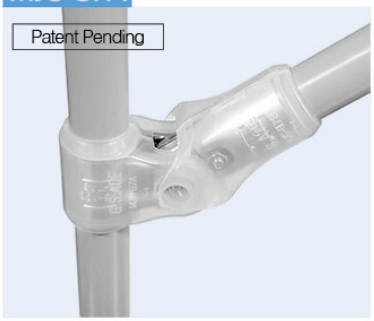




* Surface Treatment - WZ

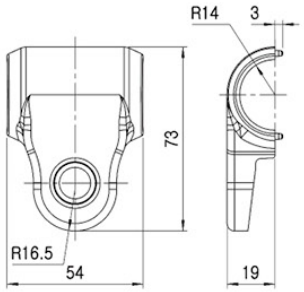
Unit : mm

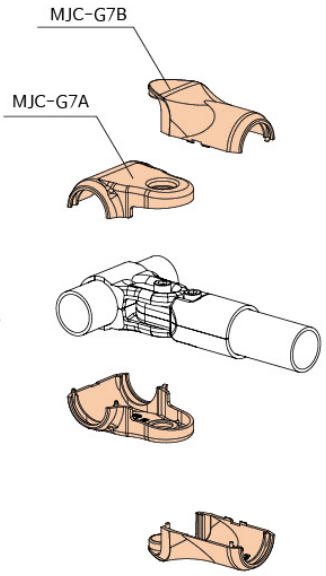
MJC-G7A Metal Joint Cover



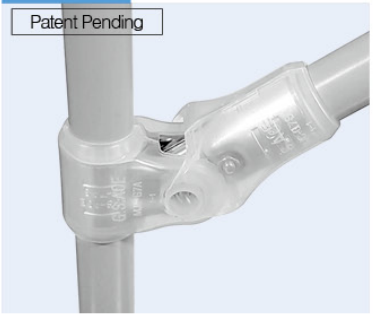
Material	Plastic
Weight	0.008kg
Q'ty/Box	300pcs

* Color : Natural



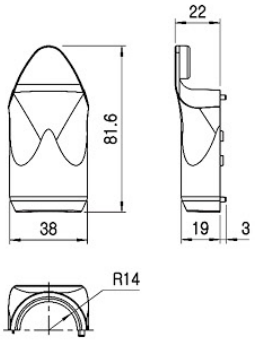


MJC-G7B Metal Joint Cover



Material	Plastic
Weight	0.008kg
Q'ty/Box	300pcs

* Color : Natural



* Surface Treatment - WZ

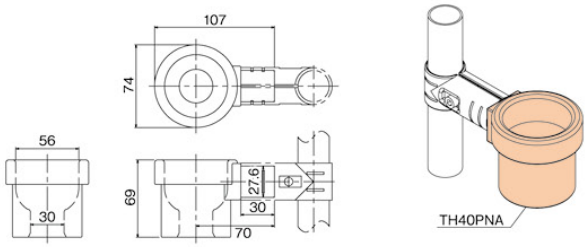
Unit : mm

TH40PA Tool Holder



Material	Plastic
Weight	0.087kg
Q'ty/Box	50pcs

*TH40PA : PP (Color : BK)
*TH40PNA : Nylon6
(Color : Dark Gray)

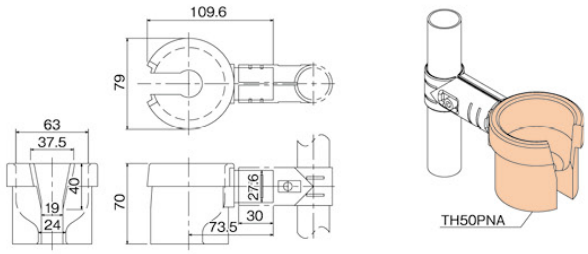


TH50PA Tool Holder



Material	Plastic
Weight	0.087kg
Q'ty/Box	50pcs

*TH50PA : PP (Color : BK)
*TH50PNA : Nylon6
(Color : Dark Gray)

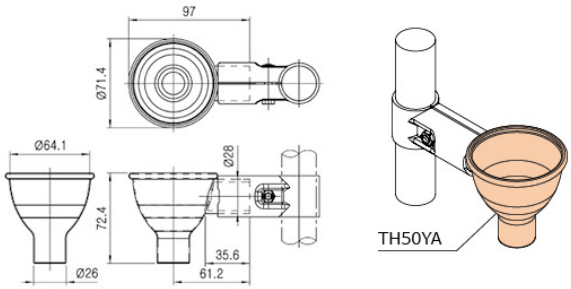


TH50YA Tool Holder



Material	Steel
Weight	0.108kg
Q'ty/Box	25pcs

* Color : WZ

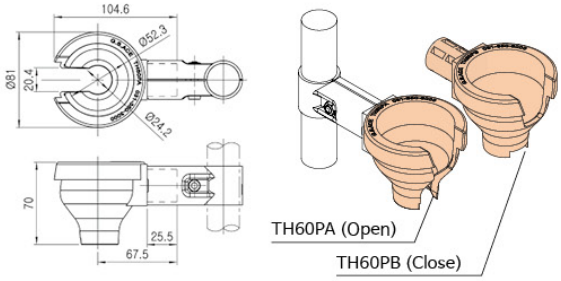


TH60PA/B Tool Holder



Material	Plastic
Weight	0.082kg
Q'ty/Box	50pcs

*TH60PA/B : PP (Color : BK)
*TH60PNA/B : Nylon6
(Color : Dark Gray)

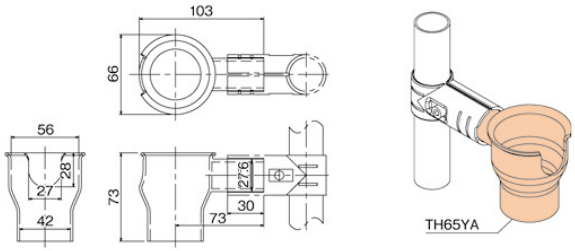


TH65YA Tool Holder



Material	Steel
Weight	0.197kg
Q'ty/Box	25pcs

* Color : WZ



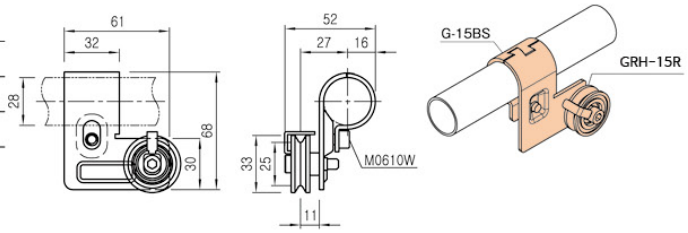
* Surface Treatment - WZ

Unit : mm

GRHA-15R Bearing Pulley Ass'y (Right)



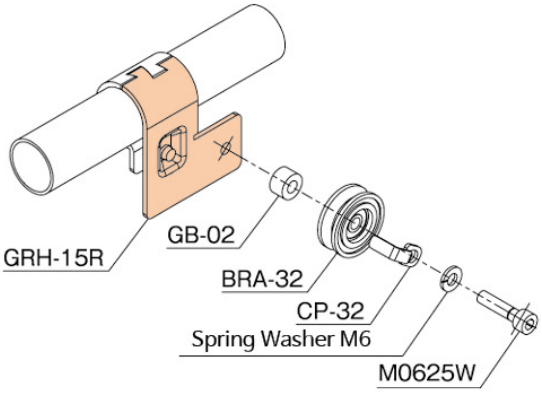
Material	Steel
Weight	0.129kg
Q'ty/Box	-



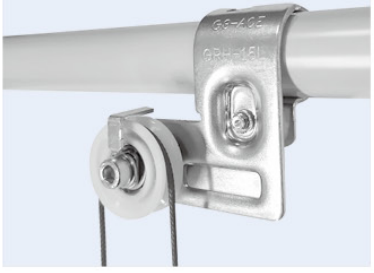
GRH-15R Pulley Holder BKT (Right)



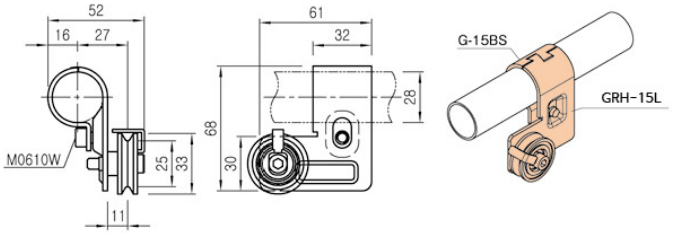
Material	Steel
Weight	0.055kg
Q'ty/Box	270pcs



GRHA-15L Bearing Pulley Ass'y (Left)



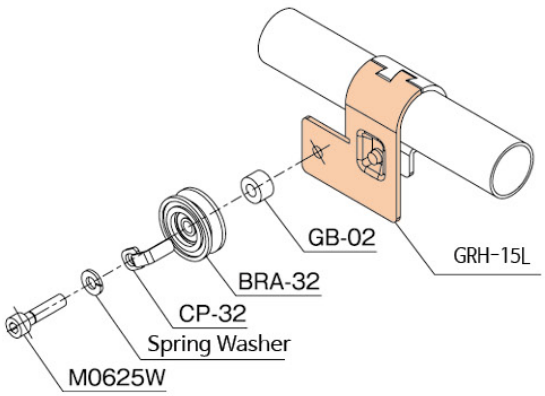
Material	Steel
Weight	0.129kg
Q'ty/Box	-



GRH-15L Pulley Holder BKT (Left)



Material	Steel
Weight	0.055kg
Q'ty/Box	270pcs



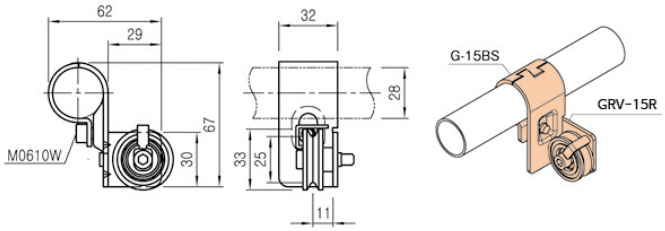
* Surface Treatment - WZ

Unit : mm

GRVA-15R Bearing Pulley Ass'y (Right)



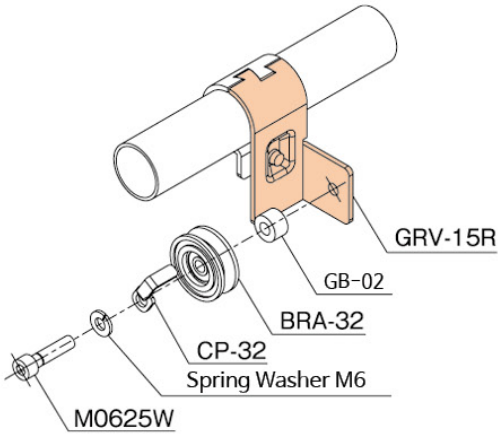
Material	Steel
Weight	0.122kg
Q'ty/Box	-



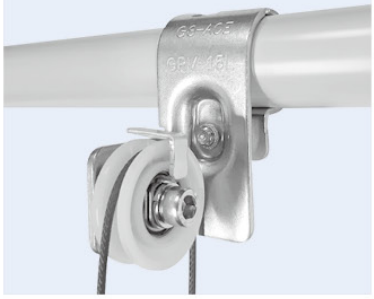
GRV-15R Pulley Holder BKT (Right)



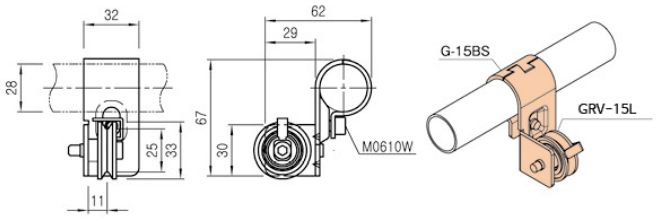
Material	Steel
Weight	0.055kg
Q'ty/Box	240pcs



GRVA-15L Bearing Pulley Ass'y (Left)



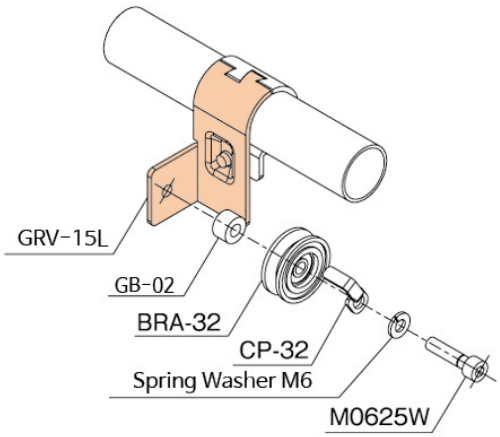
Material	Steel
Weight	0.122kg
Q'ty/Box	-



GRV-15L Pulley Holder BKT (Left)



Material	Steel
Weight	0.055kg
Q'ty/Box	240pcs



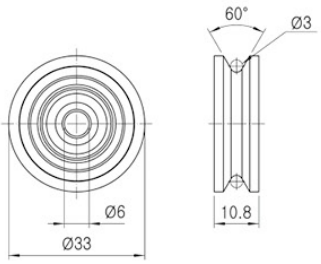
* Surface Treatment - WZ

Unit : mm

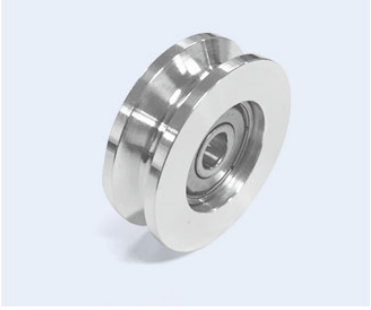
BRA-32 Bearing Pulley



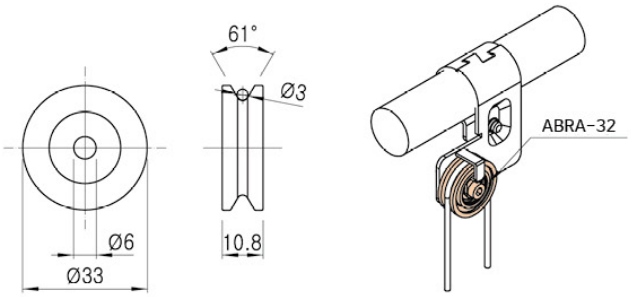
Material	Steel
Weight	0.012kg
Q'ty/Box	1,000pcs



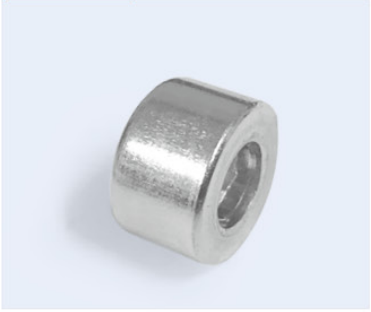
ABRA-32 Aluminum Bearing Pulley (Heavy Duty)



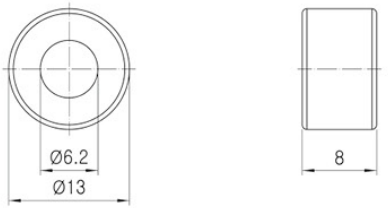
Material	Aluminum
Weight	0.021 kg
Q'ty/Box	400 pcs



GB-02 Gap Bushing



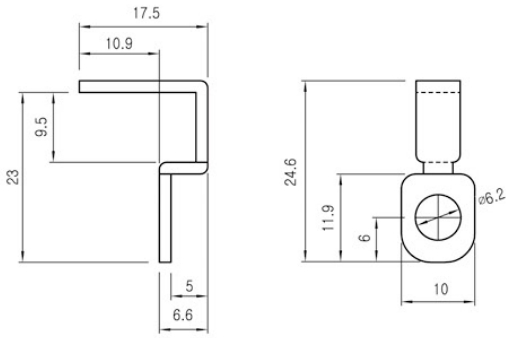
Material	Steel
Weight	0.0061kg
Q'ty/Box	2,000pcs



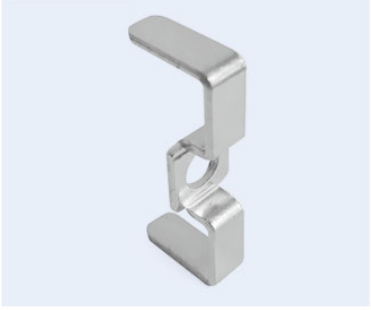
CP-32 Wire Holder (Wire falling preventer)



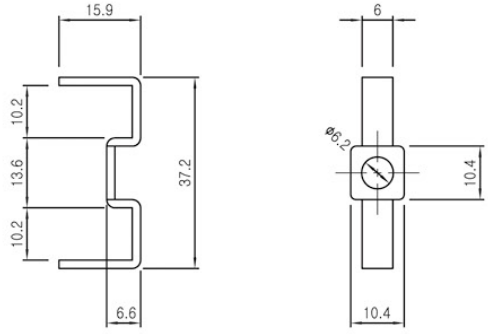
Material	Steel
Weight	0.004kg
Q'ty/Box	1,500pcs



CPD-32 Cover Pulley Dual

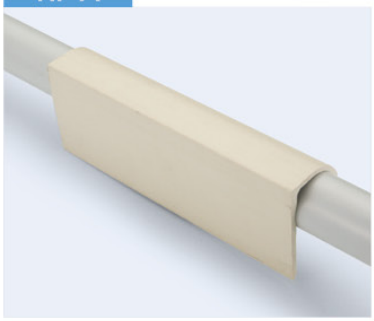


Material	Steel
Weight	0.006kg
Q'ty/Box	500pcs

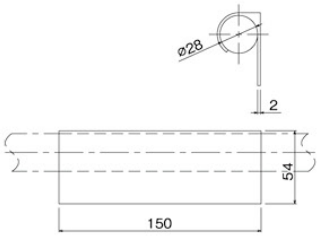


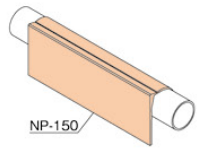
Unit : mm

NP-A Name Plate

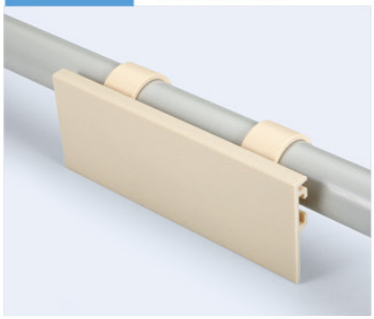


Material	PVC
Weight	0.080kg
Q'ty/Box	180pcs

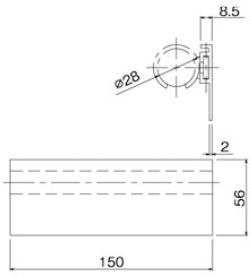


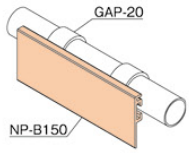


NP-B Name Plate



Material	PVC
Weight	0.047kg
Q'ty/Box	360pcs

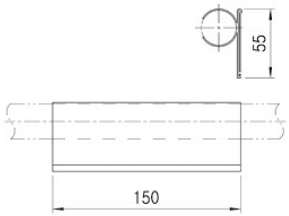


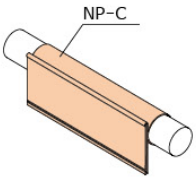


NP-C Name Plate



Material	PVC
Weight	0.035kg
Q'ty/Box	190pcs

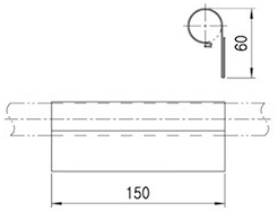


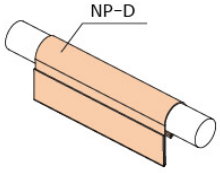


NP-D Name Plate



Material	PVC
Weight	0.032kg
Q'ty/Box	190pcs

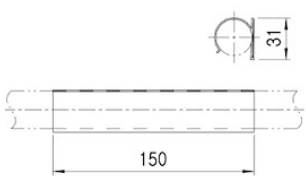


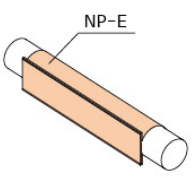


NP-E Name Plate



Material	PVC
Weight	0.023kg
Q'ty/Box	330pcs



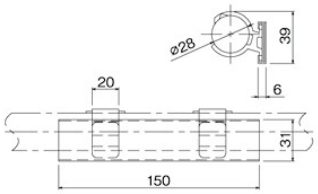


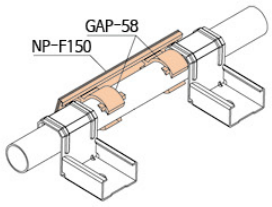
Unit : mm

NP-F Name Plate (Requires GAP-58, sold separately)



Material	PVC
Weight	0.017kg
Q'ty/Box	1000pcs

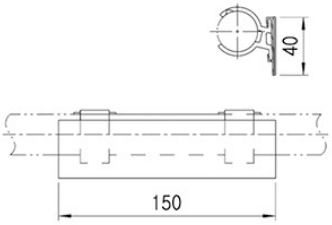


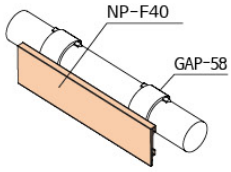


NP-F40 Name Plate (Requires GAP-58, sold separately)

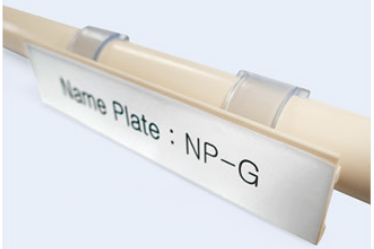


Material	PVC
Weight	0.019kg
Q'ty/Box	1000pcs

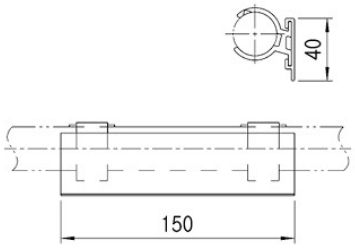


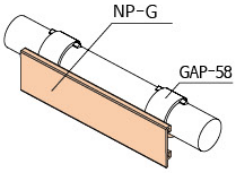


NP-G Name Plate (Requires GAP-58, sold separately)



Material	PVC
Weight	0.026kg
Q'ty/Box	360pcs

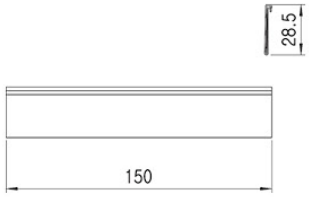


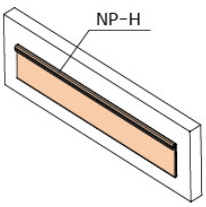


NP-H Name Plate (Double-sided adhesive tape type)



Material	PVC
Weight	0.013kg
Q'ty/Box	1000pcs

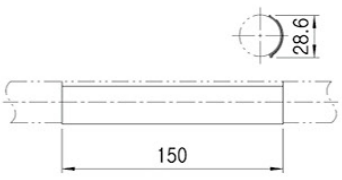


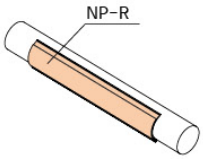


NP-R Name Plate



Material	PVC
Weight	0.011kg
Q'ty/Box	1000pcs



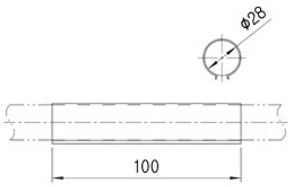


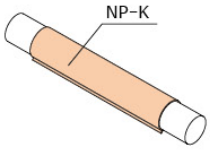
Unit : mm

NP-K Name Plate



Material	PVC
Weight	0.013kg
Q'ty/Box	300pcs

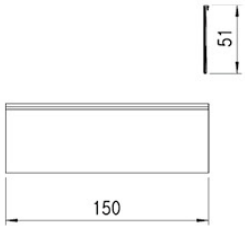


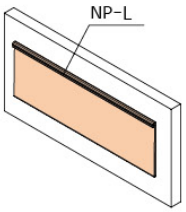


NP-L Name Plate (Double-sided adhesive tape type)

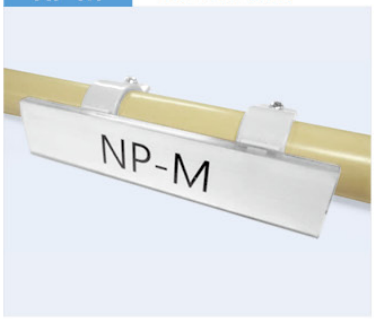


Material	PVC
Weight	0.020kg
Q'ty/Box	1000pcs

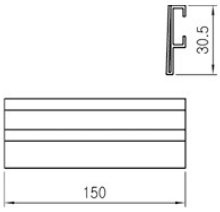


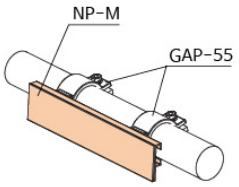


NP-M Name Plate



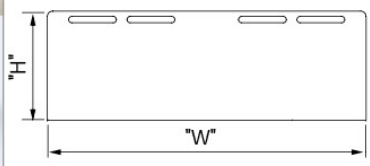
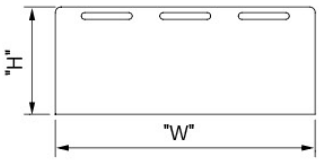
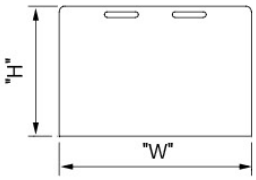
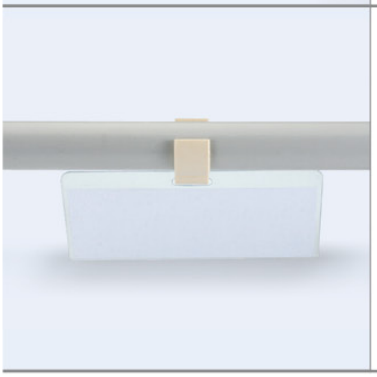
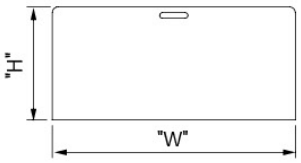
Material	PVC
Weight	0.016kg
Q'ty/Box	1000pcs





LABEL CASE

Unit : mm

Configuration		Hole	Part No	W	H	Weight (kg)	Q'ty/Box (pcs)
		4 Hole	LA 300*100	300	100	0.040	150
			LA-B 300*120	300	120	0.045	150
			LA-C 300*220 (Horizontal)	300	220	0.084	200
			LA-A3 430*320	430	320	0.177	100
			LC 250*80	250	80	0.024	250
			LC 250*100	250	100	0.030	300
		3 Hole	LC-B 210*80	210	80	0.021	300
			LA-D3 150*60	150	60	0.012	1500
			LA-G 230*95	230	95	0.027	1250
			LA-E 210*100	210	100	0.028	250
		2 Hole	LA2 300*100	300	100	0.040	150
			LA 215*160	215	160	0.045	200
			LA-C2 220*300 (Vertical)	220	300	0.080	200
		1 Hole	LA-D 150*60	150	60	0.012	1500
			LA-H 170*135	170	135	0.030	300
			LA-P 136*40	136	40	0.007	300
			LA-R 105*100	105	100	0.011	500
			LC 180*85	180	85	0.021	300

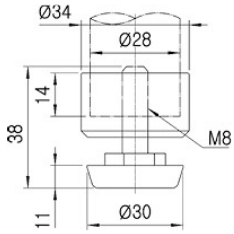
■ Small-Type

Unit : mm

AD30PA Leveling Foot



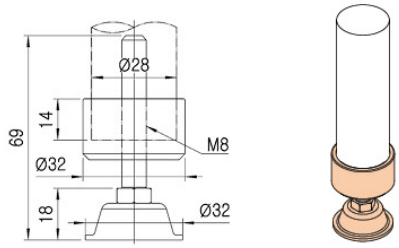
Material	Steel&Plastic
Weight	0.035kg
Q'ty/Box	150pcs



AD32WA Leveling Foot

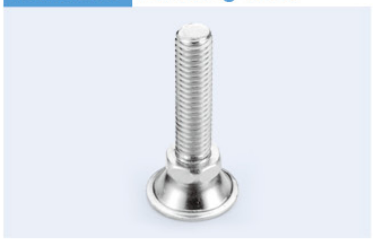


Material	Steel&Plastic
Weight	0.053kg
Q'ty/Box	125pcs

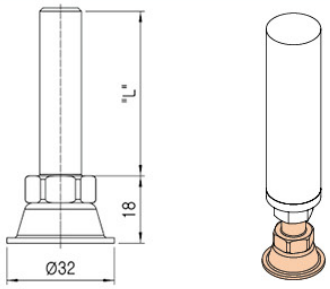


■ Nomal-Type

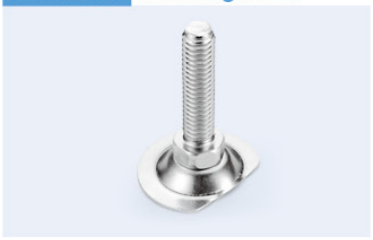
AD32WB Leveling Foot



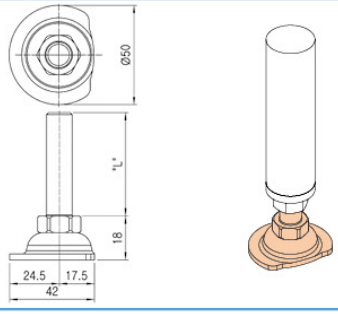
Part No.	Material	Threaded	"L"	ESD
AD32WB	Steel (WZ)	1/2"-12N	50	○
AD32WC			100	○
AD32WD			150	○
AD32WB-M		M12-P1.75	50	○
AD32WC-M			100	○



AD50WA Leveling Foot



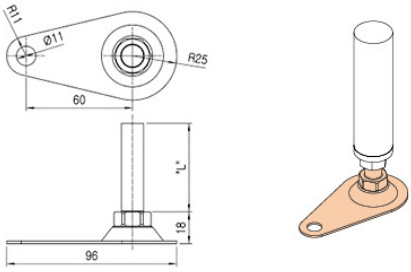
Part No.	Material	Threaded	"L"	ESD
AD50WA	Steel (WZ)	1/2"-12N	50	○
AD50WB			100	○
AD50WD			150	○
AD50WE			200	○
AD50WA-M		M12-P1.75	50	○
AD50WB-M			100	○



AD50WA-AC Leveling Foot



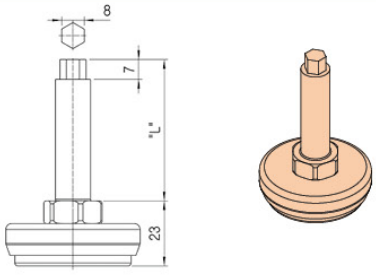
Part No.	Material	Threaded	"L"	ESD
AD50WA-AC	Steel (WZ)	1/2"-12N	50	○
AD50WB-AC			100	○
AD50WD-AC			150	○
AD50WE-AC			200	○
AD50WA-ACM		M12-P1.75	50	○
AD50WB-ACM			100	○



AD50RAN-H Hexgon Leveling Foot



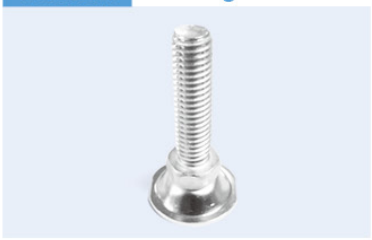
Part No.	Material	Threaded	"L"	ESD
AD50RAN-H	Steel (WZ)	1/2"-12N	50	X
AD50RAN-HM		M12-P1.75		X



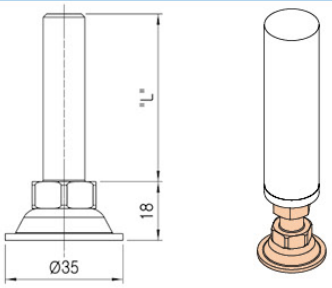
■ STS-Type

Unit : mm

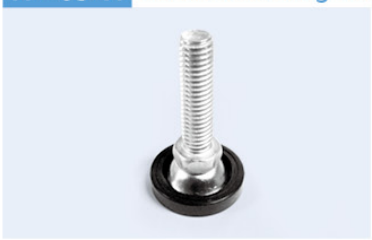
AD35SA Leveling Foot



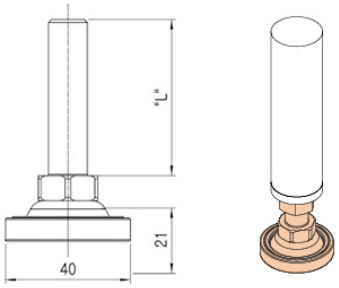
Part No.	Material	Threaded	"L"	ESD
AD35SA	STS	1/2"-12N	50	○
AD35SB			100	○
AD35SA-M		M12-P1.75	50	○
AD35SB-M			100	○



AD40SPA Rubber Leveling Foot



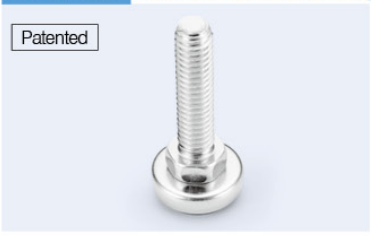
Part No.	Material	Threaded	"L"	ESD
AD40SPA	STS	1/2"-12N	50	X
AD40SPA-E				○
AD40SPB			100	X
AD40SPB-E				○
AD40SPA-M		M12-P1.75	50	X
AD40SPA-EM			100	○
AD40SPB-M			50	X
AD40SPB-EM			100	○



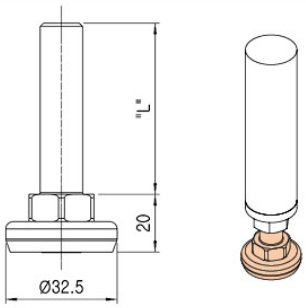
■ Rubber Pad-Type

AD32RA Rubber Pad Leveling Foot

Patented

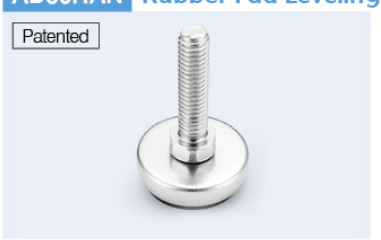


Part No.	Material	Threaded	"L"	ESD
AD32RA	Steel (WZ)	1/2"-12N	50	X
AD32RA-E				○
AD32RB			100	X
AD32RB-E				○
AD32RA-M		M12-P1.75	50	X
AD32RA-EM				○
AD32RB-M			100	X
AD32RB-EM				○

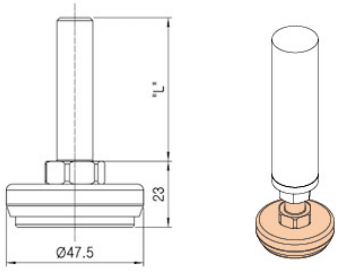


AD50RAN Rubber Pad Leveling Foot

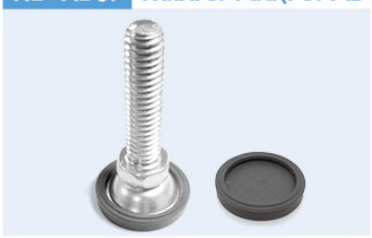
Patented



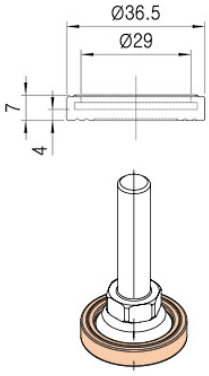
Part No.	Material	Threaded	"L"	ESD
AD50RAN	Steel (WZ)	1/2"-12N	50	X
AD50RAN-E				○
AD50RBN			100	X
AD50RBN-E				○
AD50REN			200	X
AD50RAN-M		M12-P1.75	50	X
AD50RAN-EM				○
AD50RBN-M			100	X
AD50RBN-EM				○
AD50RDN-M			150	X



RB-AD37 Rubber Pad(For AD32W)



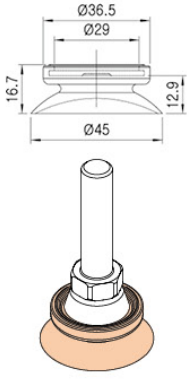
Material	Rubber
Weight	1,500pcs
Q'ty/Box	0.006kg



RB-AD45 Rubber Absorbent Pad(For AD32W)



Material	Rubber
Weight	2,500pcs
Q'ty/Box	0.011kg



■ Threaded Insert for Metal Rack

Unit : mm

Part No	Classifcation	Application	Colors	Threaded Spec	Material	A	Dimension
BC2807A	Coated Pipe	Ø28×T0.7	White	1/2"-12N	Steel	Ø24.1	
BC2807B				M12-P1.75			
BC2807D				M10-P1.5			
BC2809A		Ø28×T0.9	White	1/2"-12N	Steel	Ø23.6	
BC2809B				M12-P1.75			
BC2810A		Ø28×T1.0	White	1/2"-12N	Steel	Ø23.5	
BC2810B				M12-P1.75			
BC2810D				M10-P1.5			
BC2814A		Ø28×T1.4	White	1/2"-12N	Steel	Ø22.7	
BC2814B				M12-P1.75			
BC2820A		Ø28×T2.0	White	1/2"-12N	Steel	Ø21.9	
BC2820B				M12-P1.75			
BC2820D				M10-P1.5			
BS07A	STS Pipe ECCO Pipe	Ø28×T0.7	White	1/2"-12N	Steel	Ø26.8	
BS07B				M12-P1.75			
BS07D				M10-P1.5		Ø26.3	
BS10A		Ø28×T1.0	White	1/2"-12N	Steel	Ø26.1	
BS10B				M12-P1.75			
BS10D				M10-P1.5			
BS12A		Ø28×T1.2	White	1/2"-12N	Steel	Ø25.5	
BS12B				M12-P1.75			
BS12D				M10-P1.5		Ø25.4	
BS20A		Ø28 X T2.0	White	1/2"-12N	Steel	Ø24	
BS20B				M12-P1.75			
BS20D				M10-P1.5			
BC3210A	Coated Pipe	Ø32×T1.0	White	1/2"-12N	Steel	Ø27.5	
BC3210B				M12-P1.75			
AS2807A	STS Pipe ECCO Pipe	Ø28×T0.7	Gray	1/2"-12N	Aluminum	Ø26.5	
AS2807B				M12-P1.75			
AS2809A		Ø28 X T0.9		1/2"-12N		Ø25	
AS2809B				M12-P1.75			
AC2809A	Coated Pipe	Ø28×T0.9		1/2"-12N		Ø23.8	
AC2809B				M12-P1.75			
AC2814A		Ø28×T1.4		1/2"-12N		Ø22.8	
AC2814B				M12-P1.75			

■ Inner Cap for Metal Rack

Classification		Part No	Colors	Marking	Material	Dimension
Ø28	All Thickness Pipe (Coated & STS Pipe & ECCO Pipe 공용)	GAP-4P-i	Ivory	GAP-4P	Plastic	
		GAP-4P-B	Black			
		GAP-4P-G	Gray			
		GAP-4R-B	Black	GAP-4R		
	Coated Pipe	GAP-4C-i	Ivory	GAP-4C		
		GAP-4C-B	Black			
		GAP-4C-G	Gray			
	STS Pipe ECCO Pipe	GAP-4S-i	Ivory	GAP-4S		
		GAP-4S-B	Black			
		GAP-4S-G	Gray			
Ø32	Coated Pipe	GAP-4310-i	Ivory	GAP-4310		
		GAP-4310-B	Black			
		GAP-4310-G	Gray			

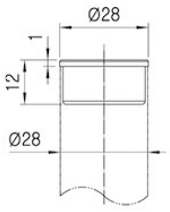
Unit : mm

GAS-07A Steel Cap



Part No.	Material	Pipe	Diameter	Remark
GAS-07A	Steel	Coated Pipe	Ø28 x t0.7	WZ
GAS-10A			Ø28 x t1.0	
GAS-07S		STS/ECCO Pipe	Ø28 x t0.7	
GAS-12S			Ø28 x t1.2	

Weight	0.009kg
Q'ty/Box	600pcs

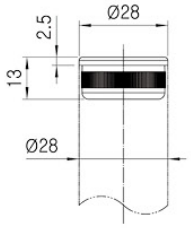


GAM-07S Metal Cap



Part No.	Material	Pipe	Diameter	Remark
GAM-07S	Steel	STS/ ECCO Pipe	Ø28 x t0.7	WZ

Weight	0.037kg
Q'ty/Box	500pcs

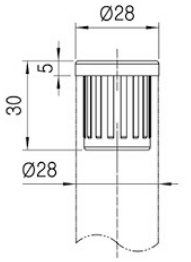


AC2809N Aluminum Cap



Part No.	Material	Pipe	Diameter	Remark
AC2809N	Aluminum	Coated Pipe	Ø28 x t0.9	
AC2814N			Ø28 x t1.4	

Weight	0.024kg
Q'ty/Box	200pcs

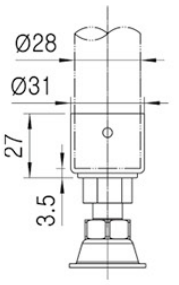


OB28AN Threaded Insert



Part No.	Material	Pipe	Diameter	Remark
OB28AN	Steel (WZ)	All Pipe	Ø28	1/2"-12N
OB28BN				M12-P1.75

Weight	0.045kg
Q'ty/Box	200pcs



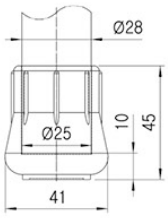
Unit : mm

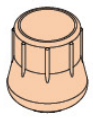
RF-01 Rubber Foot



RF-01 : DG (Dark Gray)
RF-01E : ESD (Black)

Part No.	RF-01	RF-01E
Material	Rubber	
Weight	0.035kg	
Q'ty/Box	250pcs	
Remark	Dark Gray	ESD(BK)

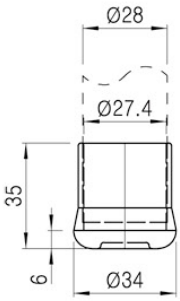


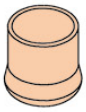


RF-02 Rubber Foot



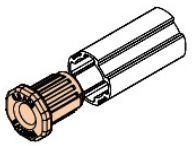
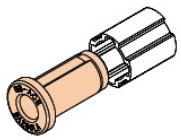
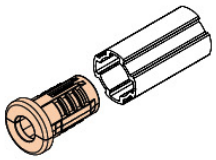
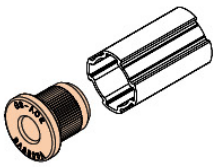
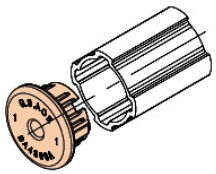
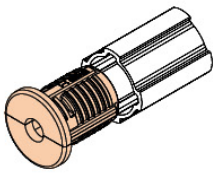
Part No.	RF-02	RF-02(Soft)	RF-02 (ESD)
Material	Rubber		
Weight	0.011kg		
Q'ty/Box	450pcs		
Remark	Black		





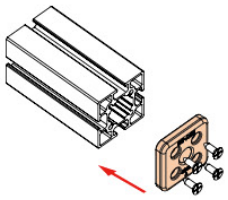
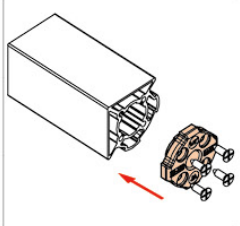
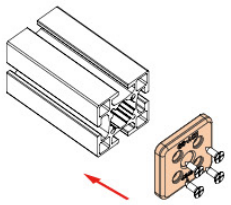
Threaded Insert for Aluminum Rack

Unit : mm

Image	Part No	"A" Detail	Application	Colors	Threaded Spec	Material	Configuration
	BA2800A	-	Ø28	Gray	1/2"-12N	Aluminum	
	BA2800B				M12-P1.75		
	BA280LA	○	Ø28	White	1/2"-12N	Steel	
	BA280LB	□			M12-P1.75		
	BA280LD	⬡			M10-P1.5		
	BA280LE	○			M8-P1.25		
	BP2800H	-	Ø28	Gray	Housing	Plastic	
	12각 Nut				M12-P1.75	Steel	
					1/2"-12N		
	BA3300A	○	Ø33	White	1/2"-12N	Steel	
	BA3300B	□			M12-P1.75		
	BA3300D	⬡			M10-P1.5		
	BA4300A	○	Ø43	Gray	1/2"-12N	Aluminum	
	BA4300B	□			M12-P1.75		
	BA4300D	⬡			M10-P1.5		
	BP4300H	-	Ø43	Gray	Housing	Plastic	
	Nut				1/2"-12N	Steel	
					M12-P1.75		

Threaded Insert for AL Profile

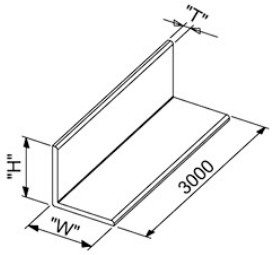
Unit : mm

Image	Part No	"A" Detail	Application	Colors	Threaded Spec	Material	Configuration
	BA4040A	-	40x40	Gray	1/2"-12N	Aluminum	
	BA4040B				M12-P1.75		
	BA4040JA	-	40x40	Gray	1/2"-12N	Aluminum	
	BA4040JB				M12-P1.75		
	BA4040JE				M8-P1.2		
	BA4545A	-	45x45	Gray	1/2"-12N	Aluminum	
	BA4545B				M12-P1.75		

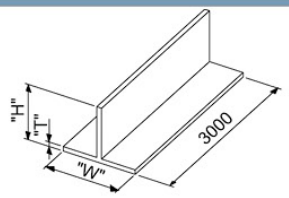
Material-PVC

L-Type

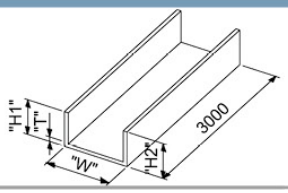
Unit : mm

Part No		Thickness	H	W	Weight (kg)	Configuration
Normal	ESD					
AL-1	EAL-1	3	30	50	0.370	
AL-2	EAL-2	4	30	60	0.525	
AL-9	EAL-9	4	30	75	0.618	
AL-5B	EAL-5B	4	50	50	0.544	
AL-6B	EAL-6B	4	50	75	0.656	
AL-8	EAL-8	4	50	100	0.886	
AL-7B	EAL-7B	4	50	150	1.116	
AL-10	EAL-10	4	50	200	1.512	
AL-4	EAL-4	4	80	90	0.978	
AL-5	EAL-5	5	50	50	0.590	
AL-6	EAL-6	5	50	75	0.884	
AL-7	EAL-7	5	50	150	1.510	

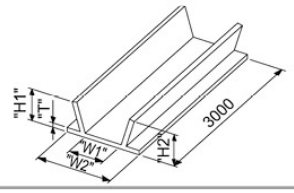
T-Type

Part No		Thickness	H	W	Weight (kg)	Configuration
Normal	ESD					
AT-1	EAT-1	4	50	100	0.904	
AT-2	EAT-2	4	100	60	0.906	
AT-3	EAT-3	4	150	60	1.145	

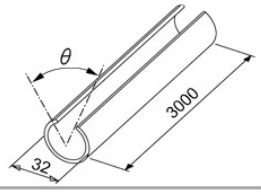
U-Type

Part No		Thickness	W1	W2	H1	H2	Weight (kg)	Configuration
Normal	ESD							
AU-1	EAU-1	3	36	-	36	36	0.454	
AU-2	EAU-2	3	55	-	30	40	0.572	

S-Type

Part No		Thickness	W1	W2	H1	H2	Weight (kg)	Configuration
Normal	ESD							
AS-1	EAS-1	4	32	70	34	25	0.772	
AS-2	EAS-2	5	22	60	30	30	0.580	
AS-3	EAS-3	4	17	50	30	30	0.800	

Pipe-Cover

Part No		Thickness	θ	-	-	-	Weight (kg)	Configuration
Normal	ESD							
PC-01	EPC-01	2.5	75°	-	-	-	0.320	
PC-02	EPC-02	2.5	135°	-	-	-	0.310	

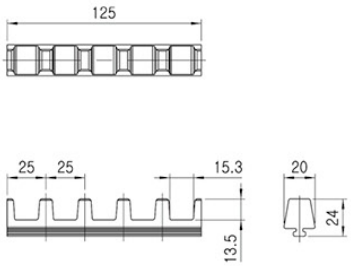
Unit : mm

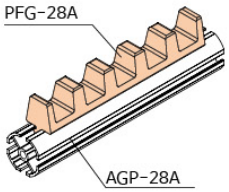
PFG-28A Panel Frame Guide



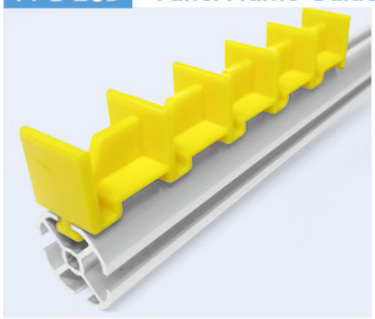
Material	TPU
Weight	0.022kg
Q'ty/Box	450pcs

* Color : Blue



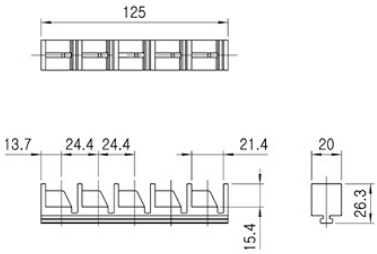


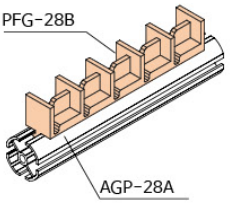
PFG-28B Panel Frame Guide



Material	TPU
Weight	0.023kg
Q'ty/Box	450pcs

* Color : Yellow



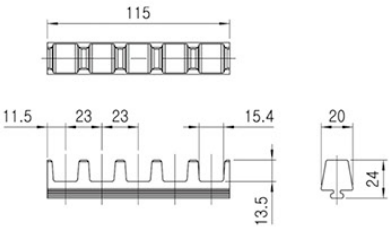


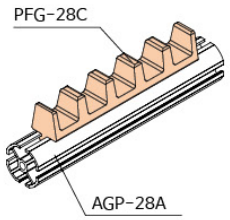
PFG-28C Panel Frame Guide



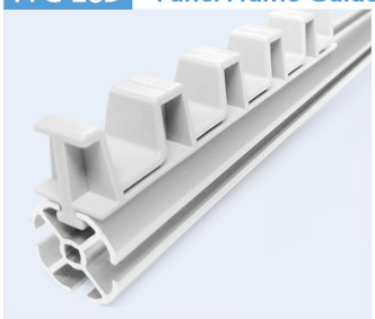
Material	TPU
Weight	0.022kg
Q'ty/Box	450pcs

* Color : Blue



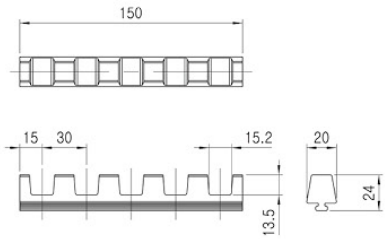


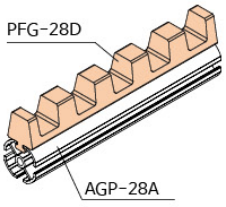
PFG-28D Panel Frame Guide



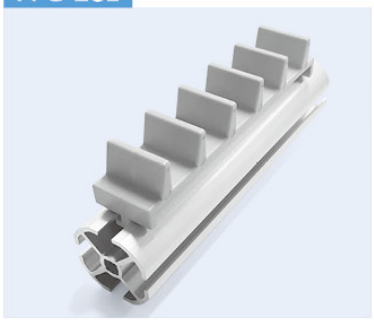
Material	TPU
Weight	0.030kg
Q'ty/Box	200pcs

* Color : Gray



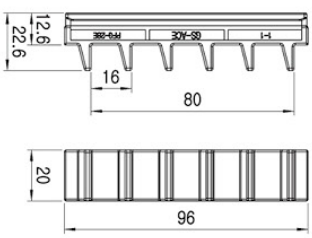


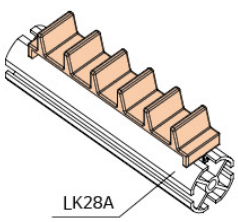
PFG-28E Panel Frame Guide



Material	TPU
Weight	0.018kg
Q'ty/Box	450pcs

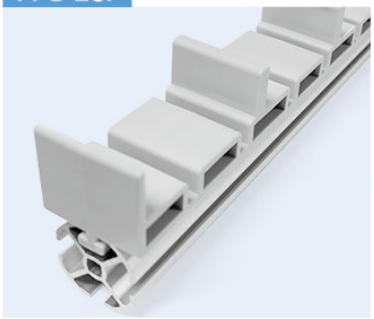
* Color : Yellow, Blue



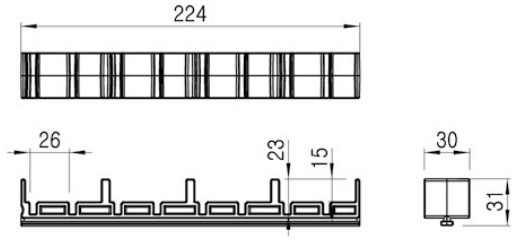


Unit : mm

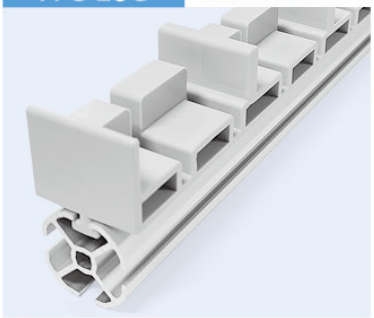
PFG-28F Panel Frame Guide



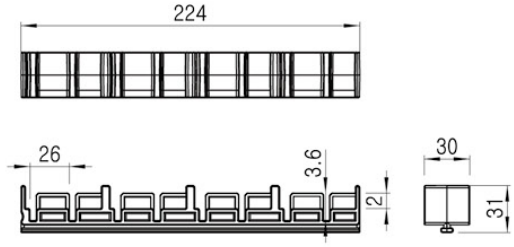
Material	TPU
Weight	0.077kg
Q'ty/Box	150pcs



PFG-28G Panel Frame Guide



Material	TPU
Weight	0.089kg
Q'ty/Box	90pcs

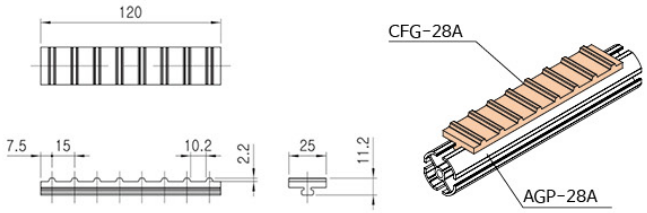


CFG-28A Chassis Frame Guide



Material	TPU
Weight	0.021kg
Q'ty/Box	450pcs

* Color : Gray



PFG-P20/40 Panel Frame Guide

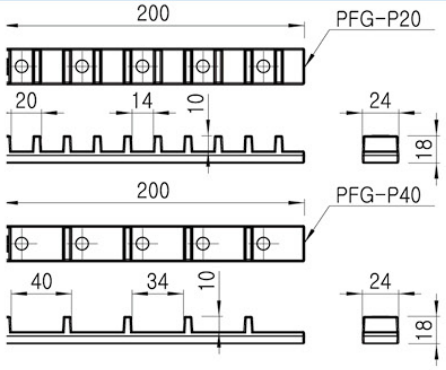


〈PFG-P20〉

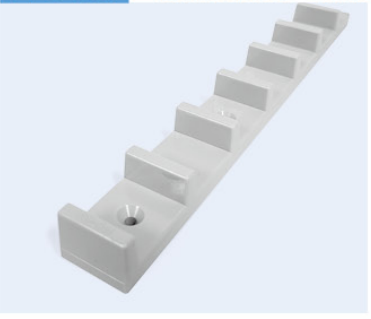
Material	TPU
Weight	0.044kg
Q'ty/Box	300pcs

〈PFG-P40〉

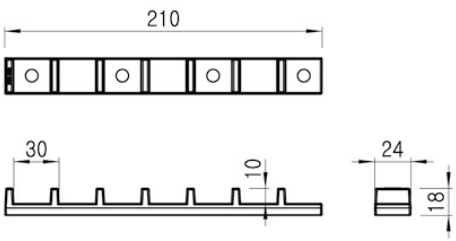
Material	TPU
Weight	0.036kg
Q'ty/Box	300pcs



PFG-P30 Panel Frame Guide



Material	TPU
Weight	0.041kg
Q'ty/Box	300pcs



ACCESSORIES FASTENERS

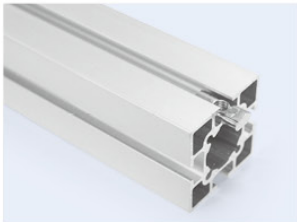
Unit : mm

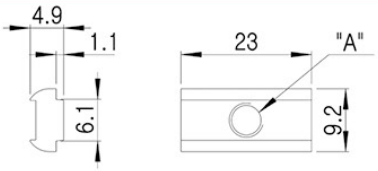
Fastener Type	Part No	Item	Spec	Colors	Usage
	TN06W	T-Nut	M6	White	Metal Joint
	TN06B			Black	
	SW04W	Spring Washer	M4	White	Bolt
	SW05W		M5		
	SW06W		M6		
	SW08W		M8		
	SW10W		M10		
	SW13W		M12		
	PW04W	Flat Washer	M4	White	Bolt
	PW05W		M5		
	PW06W		M6		
	PW08W		M8		
	PW10W		M10		
	NN04W	Nylon Nut	M4	White	Bolt
	NN05W		M5		
	NN06W		M6		
	NN08W		M8		
	NN10W		M10		
	NN12W		M12		
	NN05W-i	Inch Nylon Nut	1/2"-12N		
	N04W	Nut	M4	White	Bolt
	N05W		M5		
	N06W-55		M6		
	N08W		M8		
	N10W		M10		
	N12W		M12		

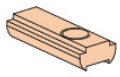
Fastener Type	Part No	Item	Spec	Colors	Usage
	M0610W	M6x10	P1.0	White	Metal Joint
	M0610B			Black	
	M0612W	M6x12		White	
	M0615W	M6x15			
	M0625W	M6x25	P 1.0	White	Metal Joint
	M0625B			Black	
	M0630W	M6x30		White	
	M0630B			Black	
	M0830W	M8x30	P1.25	White	AL Joint
	M0840W	M8x40			
	M1020W	M10Bolt	P1.25	White	Caster
	M1225W	M12Bolt			
	GM835W	M8Bolt	P1.25	White	Caster
	GM840W				Base Lock Metal
	GM845W				
	GM850W				
	GM860W				
	GM870W				
	Gi0532W-12	inch Bolt 32mm	1/2"-12N	White	Caster
	Gi0575W-12	inch Bolt 75mm			Base Lock Metal
	HM0615	Knob Bolt	P1.0	Black	Metal Joint
	HM0620				
	HM0630				

Unit : mm

IN304/305/306 Insert Nut

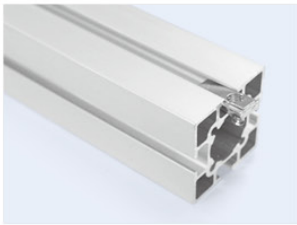


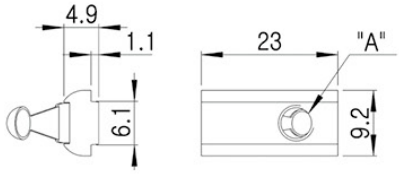


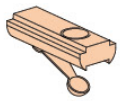
Part No.	"A" Tap	Remark
IN304	M4	
IN305	M5	
IN306	M6	

- Weight : 0.005kg
- Q'ty/Box : 1000EA

SN304/305/306 Spring Nut

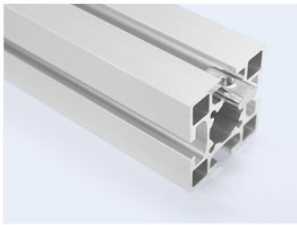


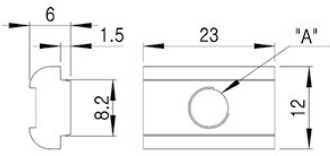


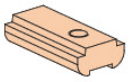
Part No.	"A" Tap	Remark
SN304	M4	
SN305	M5	
SN306	M6	

- Weight : 0.005kg
- Q'ty/Box : 1000EA

IN404/405/406/408 Insert Nut

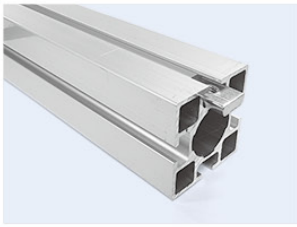


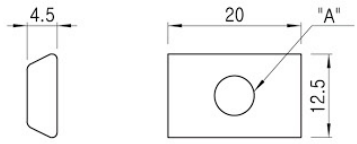


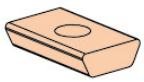
Part No.	"A" Tap	Remark
IN404	M4	
IN405	M5	
IN406	M6	
IN408	M8	

- Weight : 0.008kg
- Q'ty/Box : 1000EA

IN416 Insert Nut

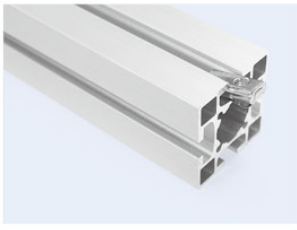


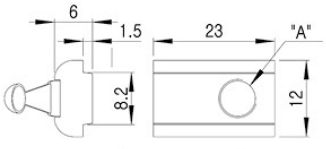


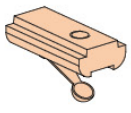
Part No.	"A" Tap	Remark
IN416	M6	

- Weight : 0.005kg
- Q'ty/Box : 1000EA

SN404/405/406/408 Spring Nut





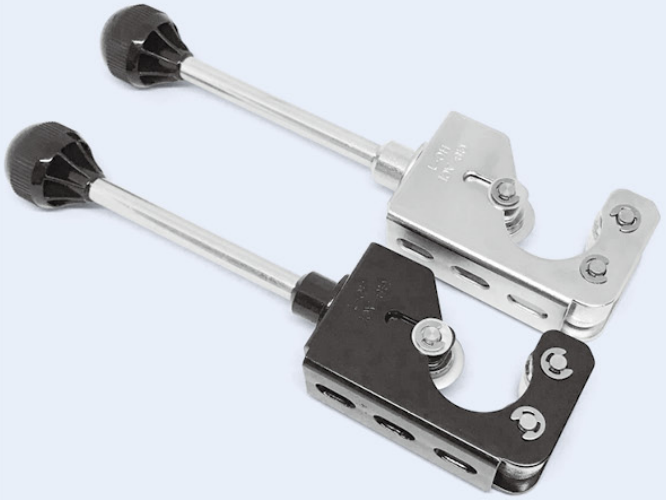
Part No.	"A" Tap	Remark
SN404	M4	
SN405	M5	
SN406	M6	
SN408	M8	

- Weight : 0.010kg
- Q'ty/Box : 1000EA

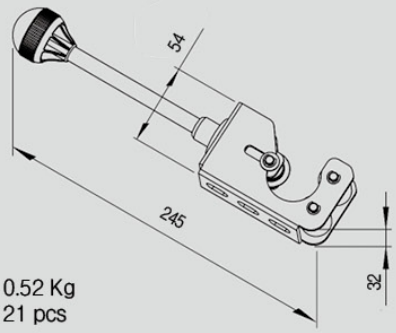
* Surface Treatment - WZ

Unit : mm

HC-1 Pipe Hand Cutter



Include Knife(PK-1)

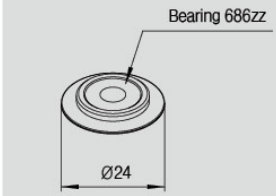


- Weight : 0.52 Kg
- Q'ty/Box : 21 pcs

PK-1 Pipe Cutter Knife



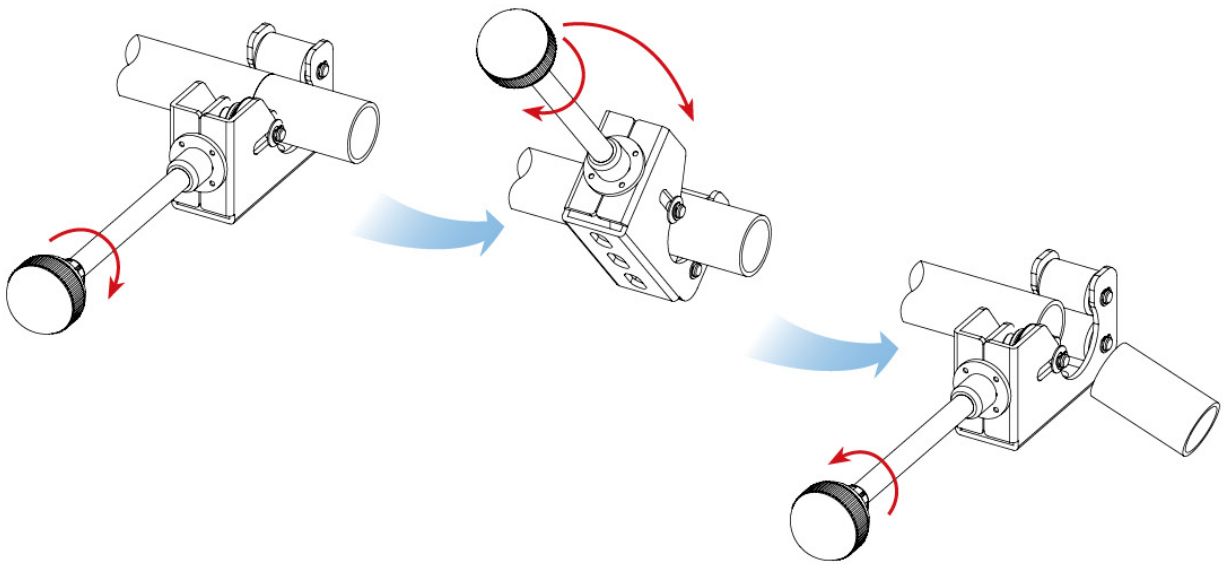
Bearing Included



- Weight : 0.016 Kg
- Q'ty/Box : 90 pcs

Range	O.D Ø 26~Ø30	Remark
Material & Thickness of Pipe - STS Pipe - ECCO Pipe - Coated Pipe	 0.7t~1.4t 0.7t~2.0t 0.7t~2.0t	

* Knife for Pipe Hand Cutter (HC-1)



Unit : mm

LIFT TABLE

※ Feature

User can easily move the table of the lift table in accordance with the height of him or her.
Also, the user will plainly modify the structures of the lifta tble.



※ Specification

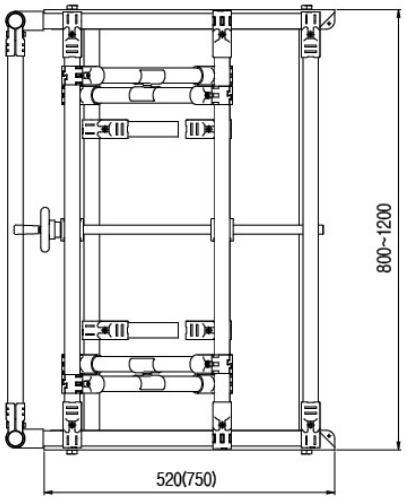
Model	LT-500	LT-750
TABLE SIZE	800X600	1200x800
STROKE	MAX. 200mm	
OPERATION	MANUAL	
LOAD	10Kg	

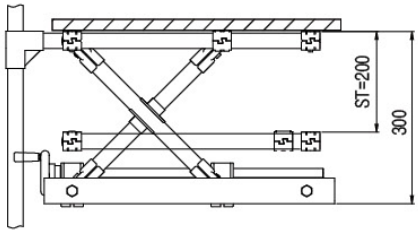
※ B.O.M (LT-500)

PART NO.	PART NAME	UNIT	Q'TY	REMARK
L-500	RAIL	EA	2	
TM16-500	SCREW ASS'Y	EA	1	
GAP-21A	NUT BLOCK	EA	1	
GAP-22A	BEARING BLOCK	EA	1	
BB01	BALL BEARING	EA	4	
HD-80	HANDLE	SET	1	
S2807	PIPE	MT	-	Condition of the sizes
GAP-4P	INNER CAP	EA	4	
GAP-12	SLEEVE	EA	10	
GA-1S	JOINTS	SET	10	
GA-12S	JOINTS	SET	10	
PS-A	JOINTS	SET	2	
BS07B	THREADED INSERT	EA	8	
M1225W	BOLT	EA	8	
SW13W	WASHER	EA	4	

※ LT-750 requires L-750 rail

※ Dimension



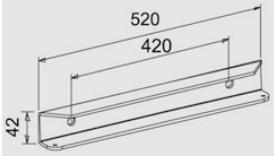


Unit : mm

LIFT TABLE COMPONENTS

L-500 Rail

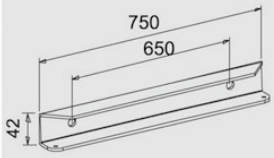




- Weight : 0.912kg
- Q'ty/BOX : 25pcs

L-750 Rail

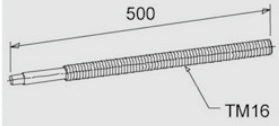




- Weight : 1.37kg
- Q'ty/BOX : 40pcs

TM16-500 Screw ass'y

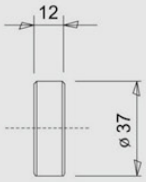




- Weight : 0.570kg
- Q'ty/BOX : 40pcs

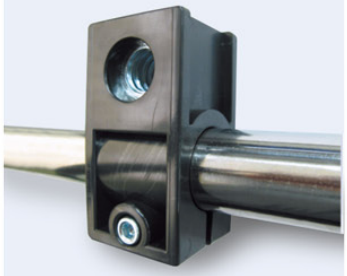
BB01 Ball bearing

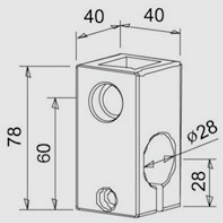




- Weight : 0.060kg
- Q'ty/BOX : 84pcs

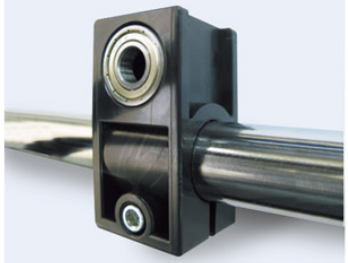
GAP-21A Nut block

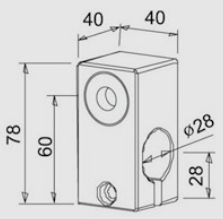




- Weight : 0.133kg
- Q'ty/BOX : 42pcs

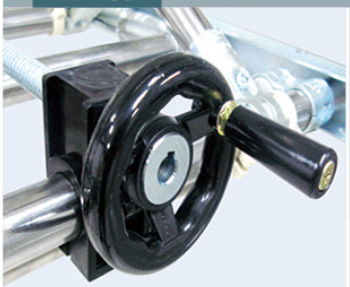
GAP-22A Bearing block

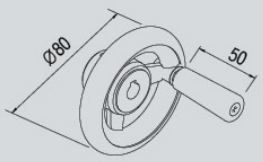




- Weight : 0.115kg
- Q'ty/BOX : 42 pcs

HD-80 Handle





- 0.180kg
- Q'ty/Box: 30set

HD-80 HD-80 Specification

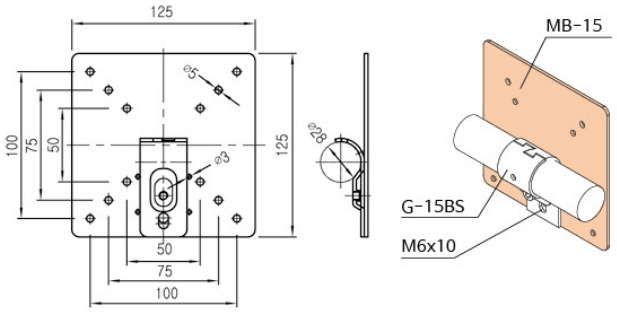
Item	Spec	Q'ty	Remark
Wheel	Ø80 x M06	1	
Handle	M6,L=60	1	
Key	4 x 4 x 15	1	
Wrench Bolt	M4 x 10	2	
SNAP RING	SN12	1	

Unit : mm

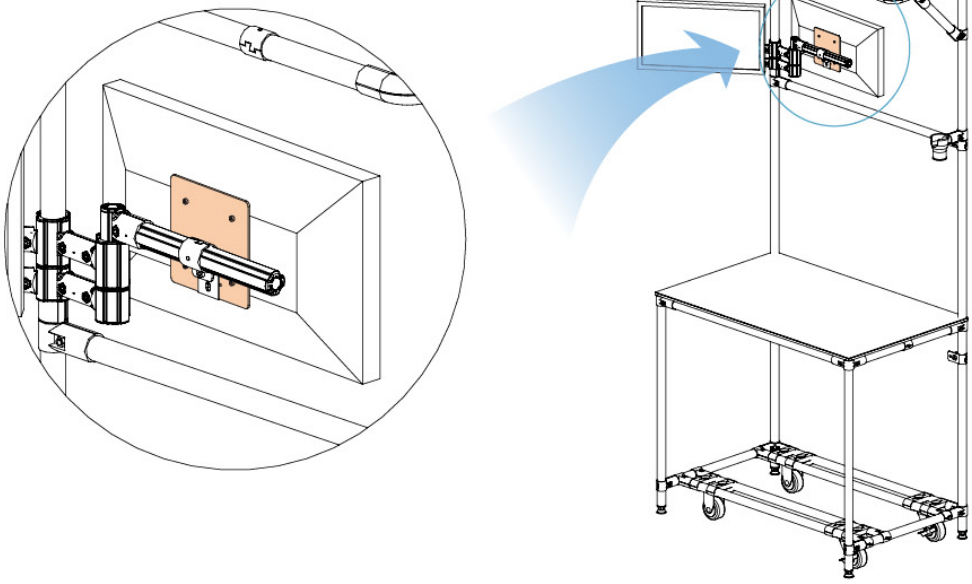
MB-15 Monitor Bracket (VESA Hole Standard)



Material	Steel
Weight	0.350kg
Q'ty/Box	20pcs



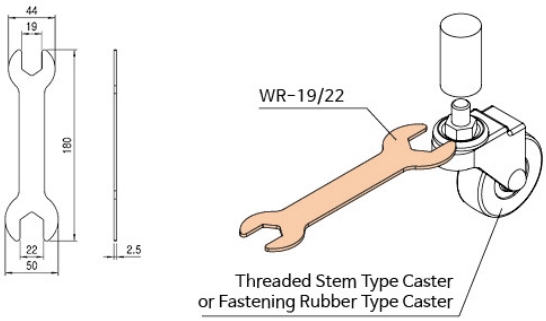
Applications of Monitor Bracket



WR-19/22 Spanner for Caster



Material	Steel
Weight	0.091kg
Q'ty/Box	50pcs

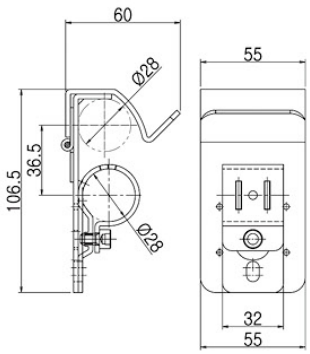


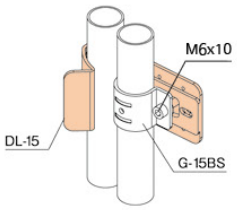
Unit : mm

DL-15 Door Latch

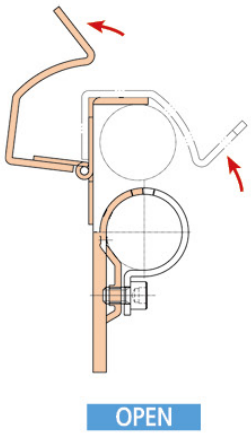


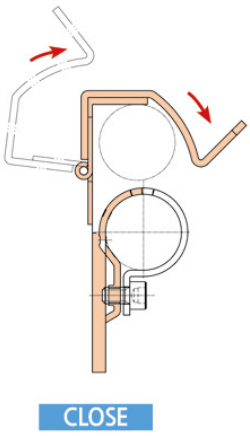
Material	Steel
Weight	0.305kg
Q'ty/Box	40pcs

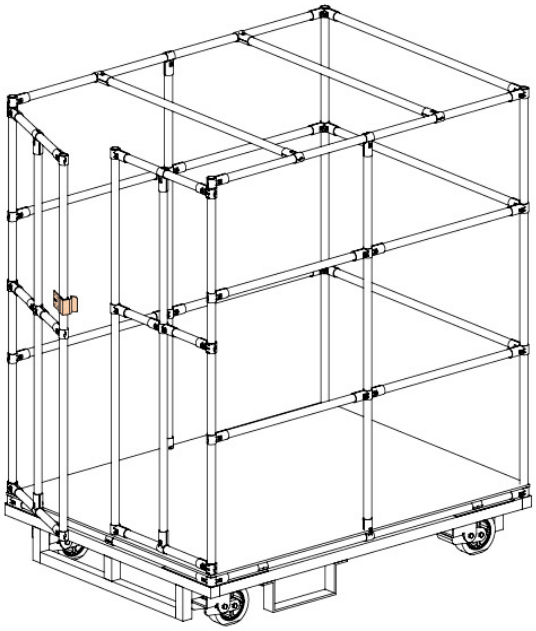




Applications of Door Latch





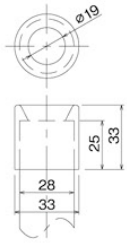


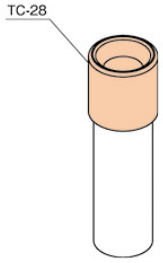
Unit : mm

TC-28 Tool Cap

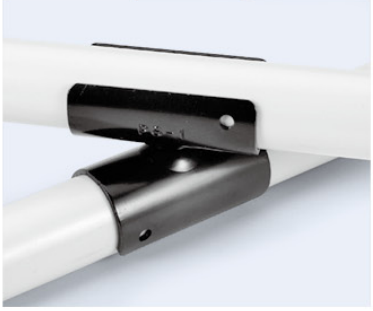


Material	Rubber
Weight	0.012kg
Q'ty/Box	450pcs

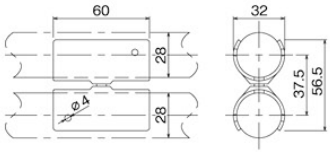


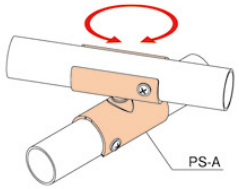


PS-A Rotating Cross Joint



Material	Steel
Weight	0.128kg
Q'ty/Box	96pcs

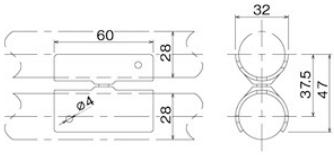


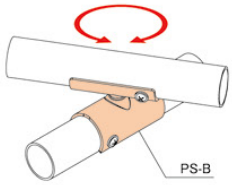


PS-B Rotating Cross Joint



Material	Steel
Weight	0.104kg
Q'ty/Box	96pcs

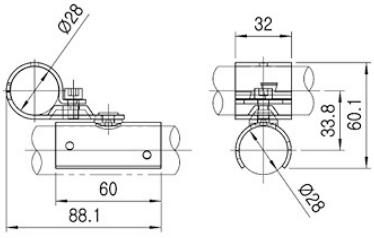


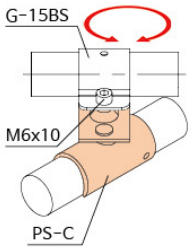


PS-C Rotating Cross Joint



Material	Steel
Weight	0.105kg
Q'ty/Box	70pcs

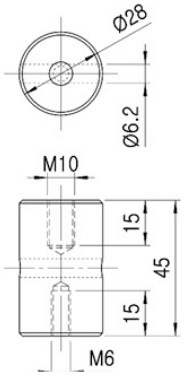


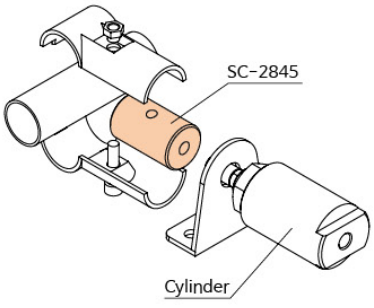


SC-2845 Shaft Cylinder



Material	Steel
Weight	0.190kg
Q'ty/Box	90pcs





* Surface Treatment - WZ

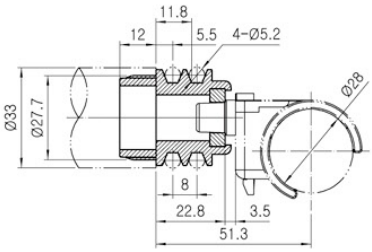
Unit : mm

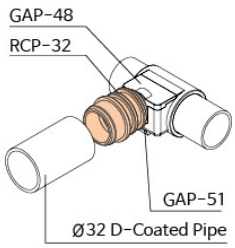
RCP-32 Roller Conveyor Pulley Bearing



Material	Plastic
Weight	0.017kg
Q'ty/Box	100pcs

* Color : Blue



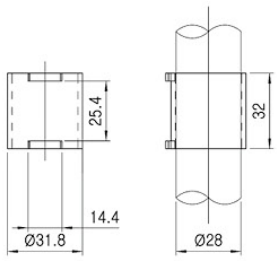


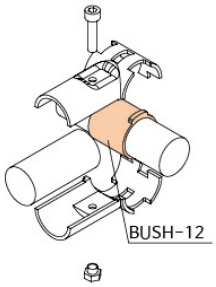
BUSH-12 Sleeve Bushing (Metal)



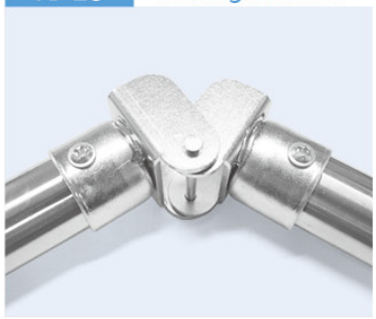
Material	Steel
Weight	0.035kg
Q'ty/Box	120pcs

Joint for assembly :
G-12S, G-17S, G-18S,
G-24S, G-25C, G-22S

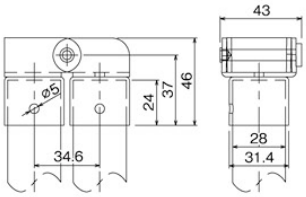


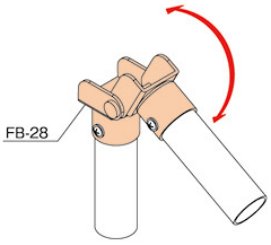


FB-28 Folding Bracket

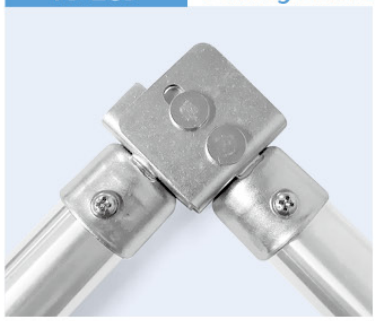


Material	Steel
Weight	0.155kg
Q'ty/Box	50pcs

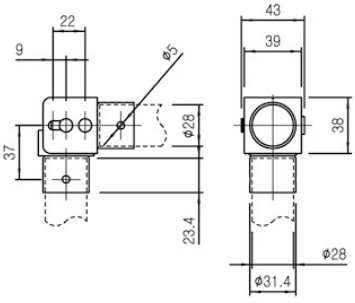


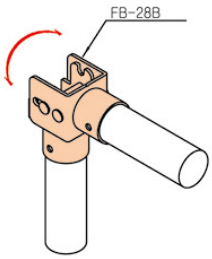


FB-28B Folding Bracket



Material	Steel
Weight	0.197kg
Q'ty/Box	34pcs

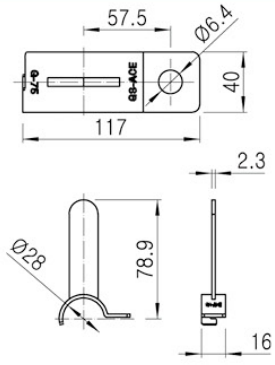


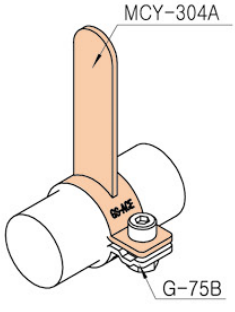


MCY-304A Metal Stopper



Material	Steel
Weight	0.038kg
Q'ty/Box	150pcs





* Surface Treatment - WZ

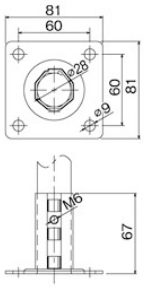
Unit : mm

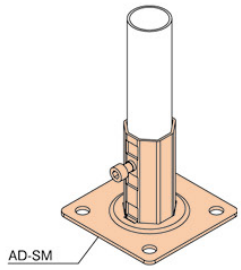
AD-SM Stanchion Mount Single



* M6 BOLT포함

Material	Steel
Weight	0.198kg
Q'ty/Box	20pcs

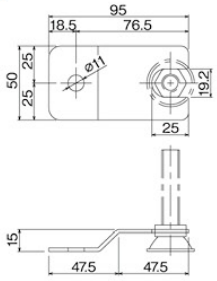


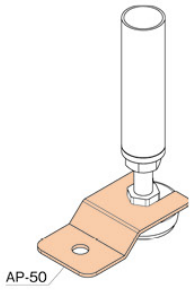


AP-50 Anchor Plate (Prevention from moving by shake & shock)



Material	Steel
Weight	0.052kg
Q'ty/Box	220pcs

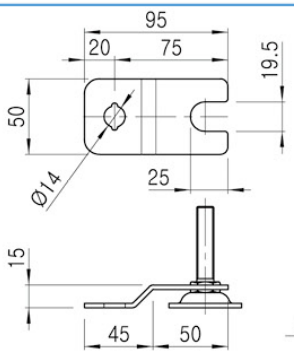


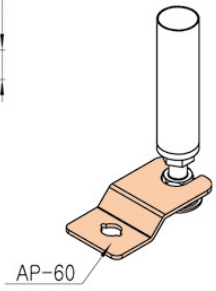


AP-60 Anchor Plate



Material	Steel
Weight	0.052kg
Q'ty/Box	220pcs

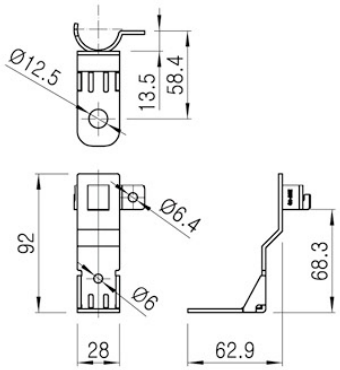


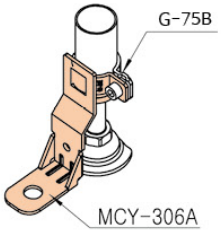


MCY-306A Pipe Anchor Bracket



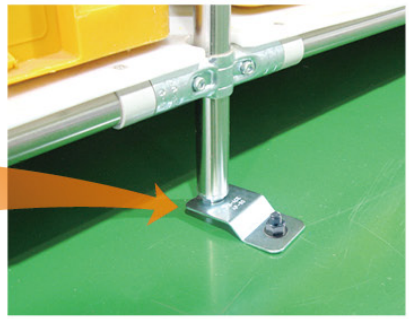
Material	Steel
Weight	0.112kg
Q'ty/Box	24pcs





Applications of AP-50







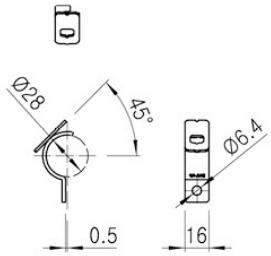
* Surface Treatment - WZ

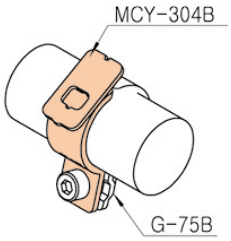
Unit : mm

MCY-304B Name Plate Holder



Material	Steel
Weight	0.021kg
Q'ty/Box	250pcs

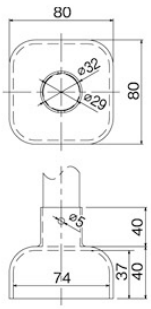


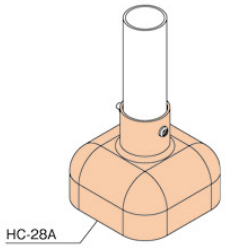


HC28A Hole Cup-A



Material	Steel
Weight	0.300kg
Q'ty/Box	20pcs



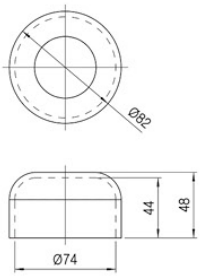


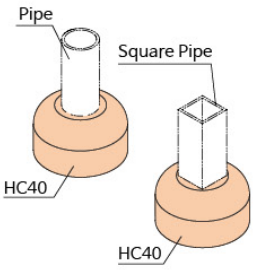
HC40 Hole Cup



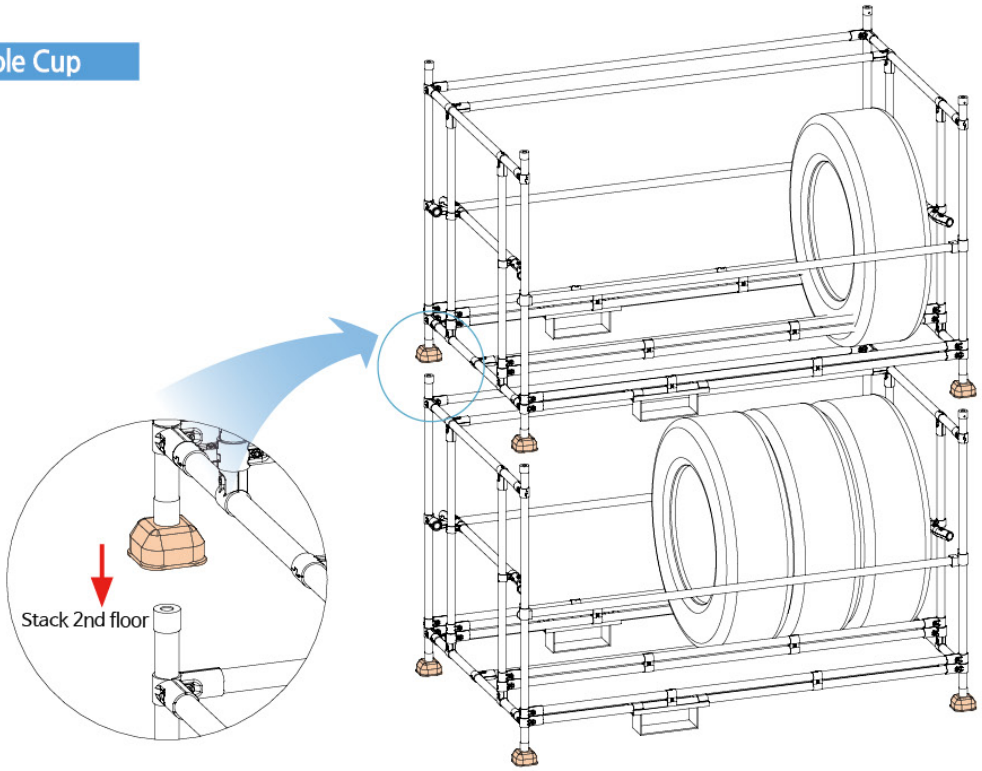
Material	Steel
Weight	0.394kg
Q'ty/Box	-

Can be used to stack 2nd floor Trolley with welding round or square pipe





Applications of Hole Cup



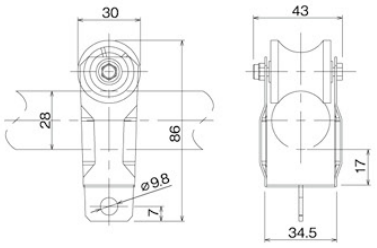
* Surface Treatment - WZ

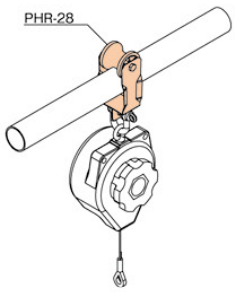
Unit : mm

PHR-28 Hang Roller

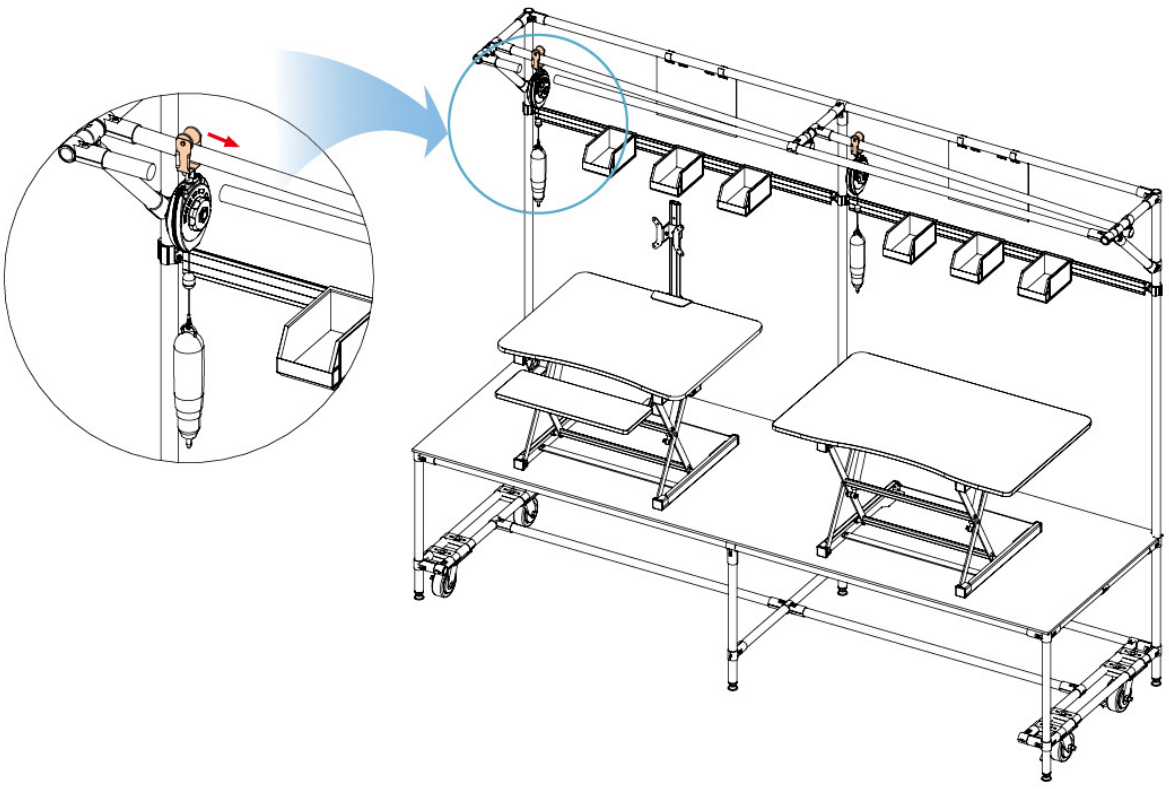


Material	Steel
Weight	0.045kg
Q'ty/Box	50pcs





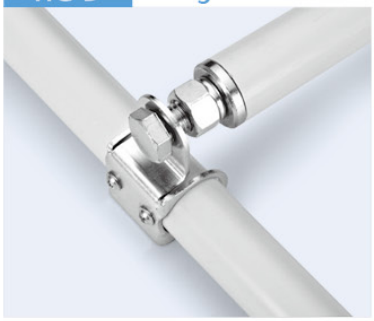
Applications of Hang Roller



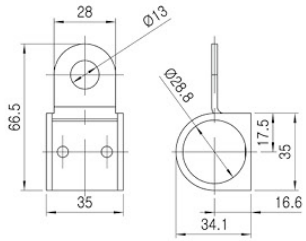
* Surface Treatment - WZ

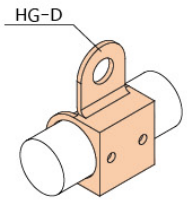
Unit : mm

HG-D Hinge Metal



Material	Steel
Weight	0.052kg
Q'ty/Box	100pcs

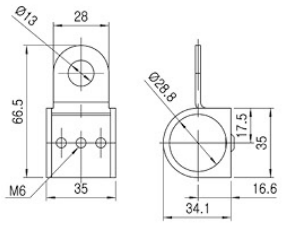


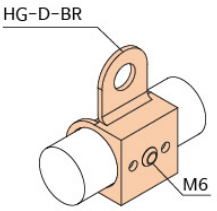


HG-D-BR Hinge Metal



Material	Steel
Weight	0.052kg
Q'ty/Box	100pcs



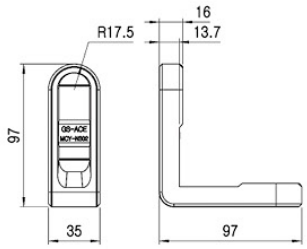


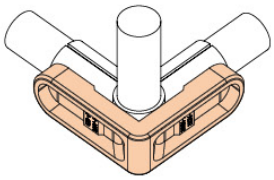
MCY-N302 Corner Bumper



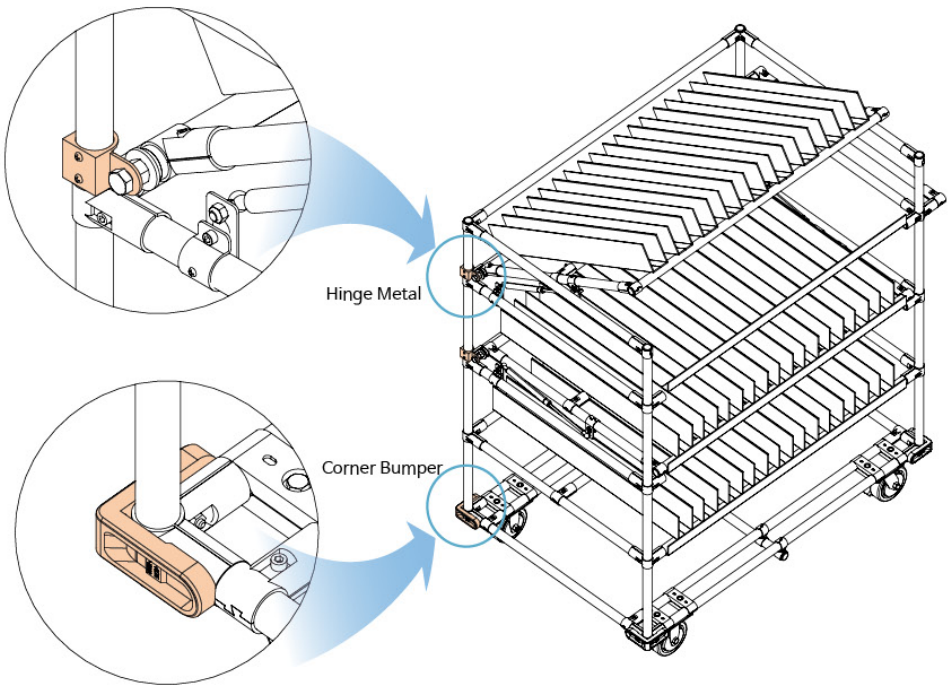
Material	TPU
Weight	0.323kg
Q'ty/Box	150pcs

* Color : Gray





Applications of Hinge Metal & Corner Bumper



* Surface Treatment - WZ

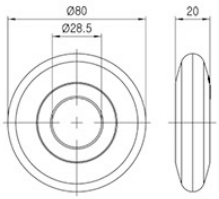
Unit : mm

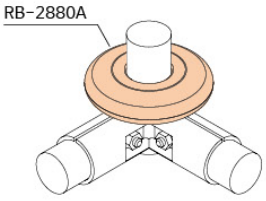
RB-2880A Ring Bumper



Material	Rubber
Weight	0.060kg
Q'ty/Box	150pcs

* Color : White



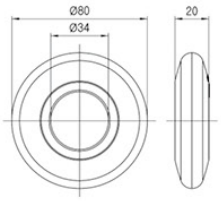


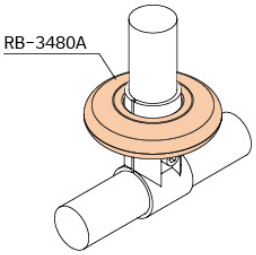
RB-3480A Ring Bumper



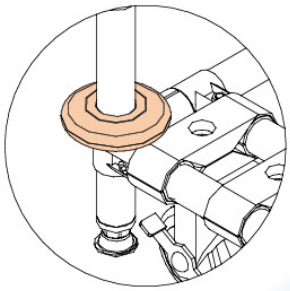
Material	Rubber
Weight	0.065kg
Q'ty/Box	150pcs

* Color : Yellow

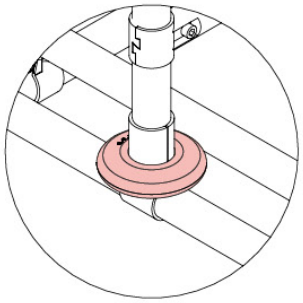


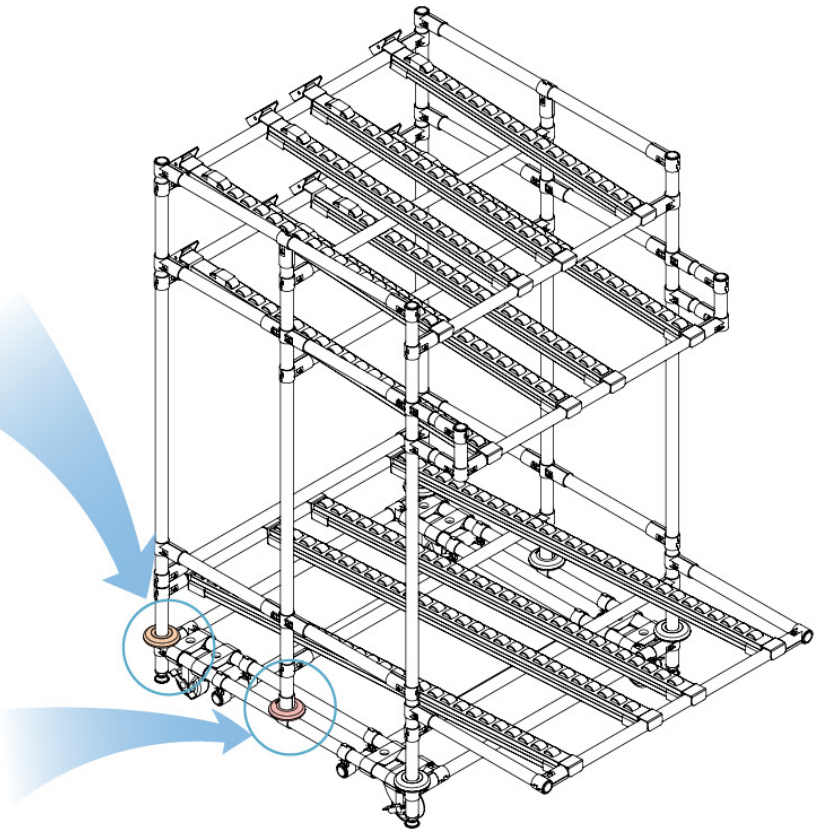


Applications of Ring Bumper (RB-2880A)



Applications of Ring Bumper (RB-3480A)





* Surface Treatment - WZ

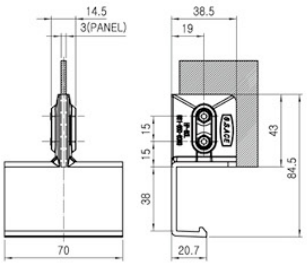
Unit : mm

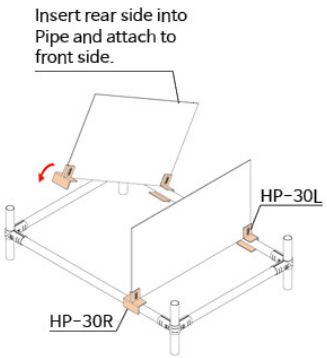
HP-30L Holder Panel



Material	Plastic
Weight	0.030kg
Q'ty/Box	200pcs

* M4 Bolt/M4 Nut (Option)
* Color : Yellow



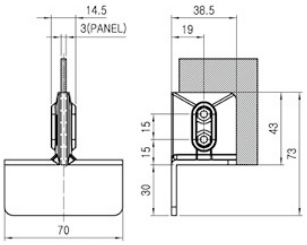


HP-30R Holder Panel



Material	Plastic
Weight	0.022kg
Q'ty/Box	400pcs

* M4 Bolt/M4 Nut (Option)
* Color : Yellow





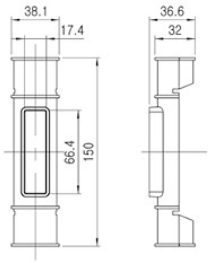
RS-28 Safety Reflector

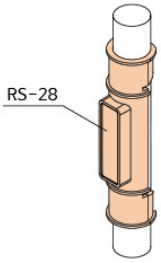


Material	Plastic
Weight	0.030kg
Q'ty/Box	100pcs

* Color : Yellow

Prevention from accident in the night by attaching reflection plate in the Pipe side

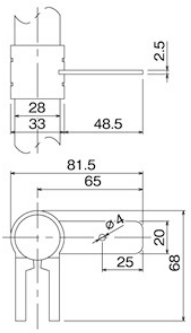


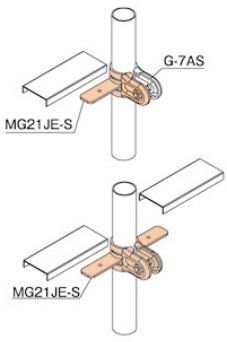


MG21JE-S Separator



Material	Steel
Weight	0.180kg
Q'ty/Box	100pcs

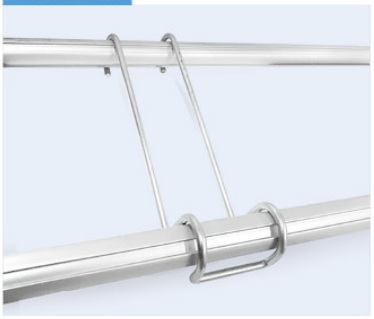


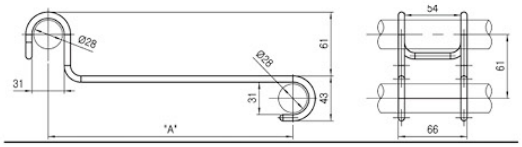


* Surface Treatment - WZ

Unit : mm

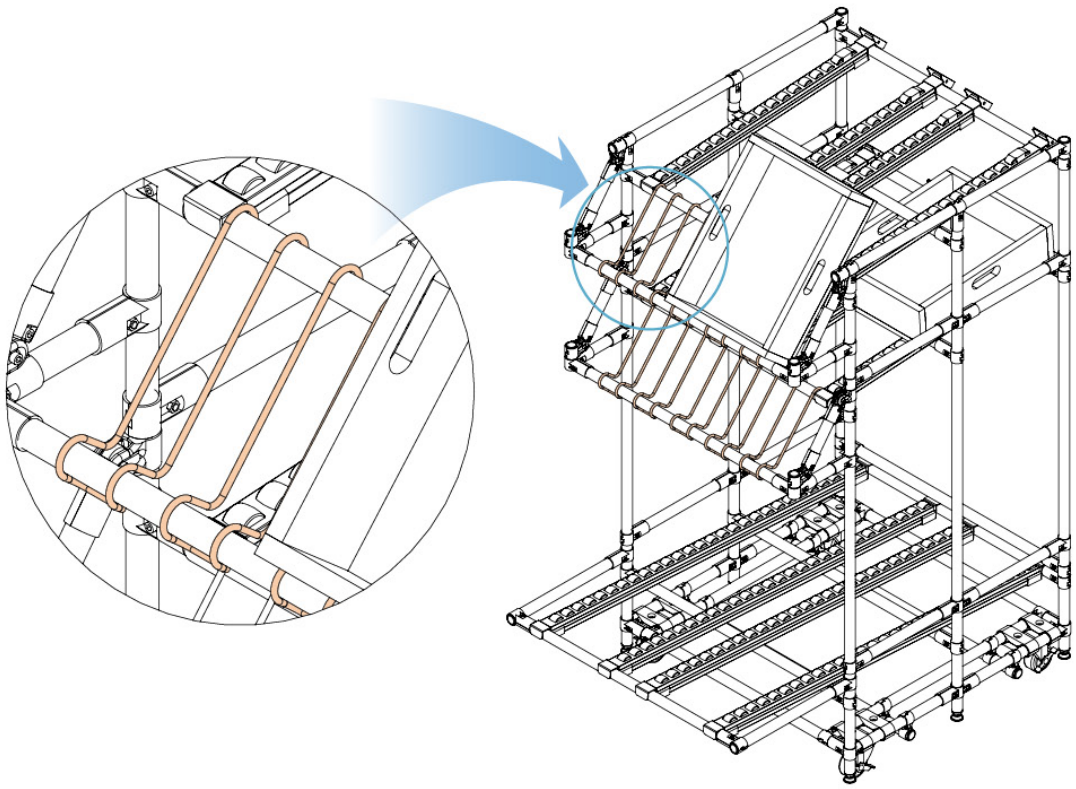
WR-200 Wire Rack



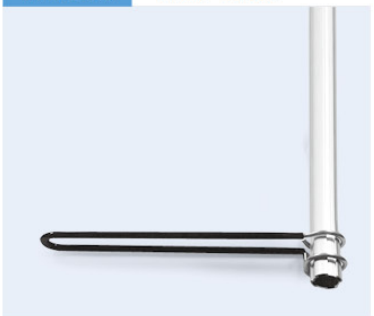


Part No	Pipe	"A"	Weight	Q'ty/Box
WR-200	Ø28	235	0.182kg	25pcs
WR-300		335	0.230kg	80pcs
WR-400		435	0.271kg	30pcs

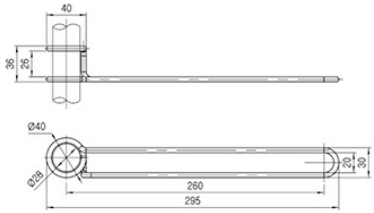
Applications of Wire Rack



WL-250 Wire Latch



Material	Steel (PVC 코팅)
Weight	0.139kg
Q'ty/Box	150pcs



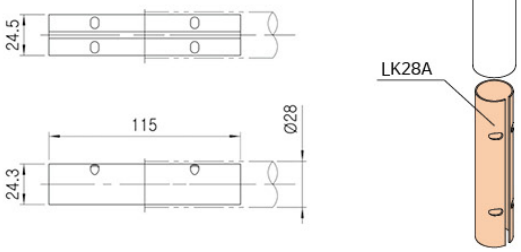
* Surface Treatment - WZ

Unit : mm

LK28A Pipe Connector (Coated Pipe)



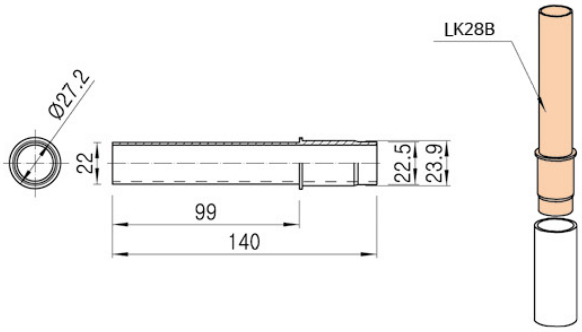
Material	Steel
Weight	0.046kg
Q'ty/Box	120pcs



LK28B Pipe Connector (Coated Pipe t0.7)



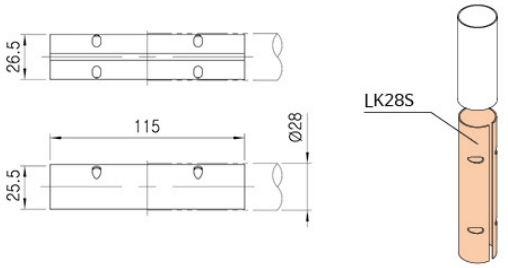
Material	Steel
Weight	0.085 kg
Q'ty/Box	80 pcs



LK28S Pipe Connector (STS/ECCO Pipe)

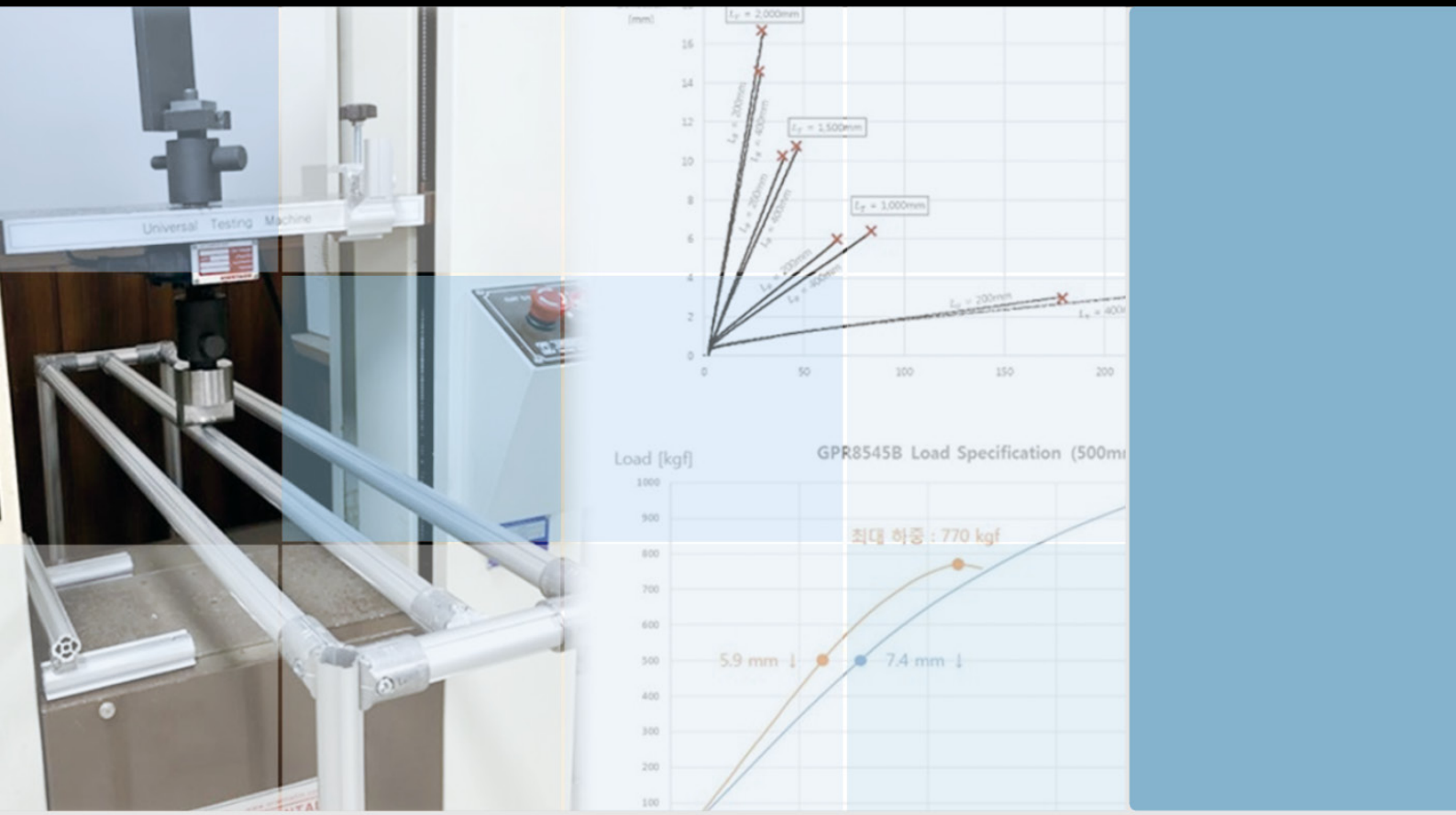


Material	Steel
Weight	0.046kg
Q'ty/Box	120pcs



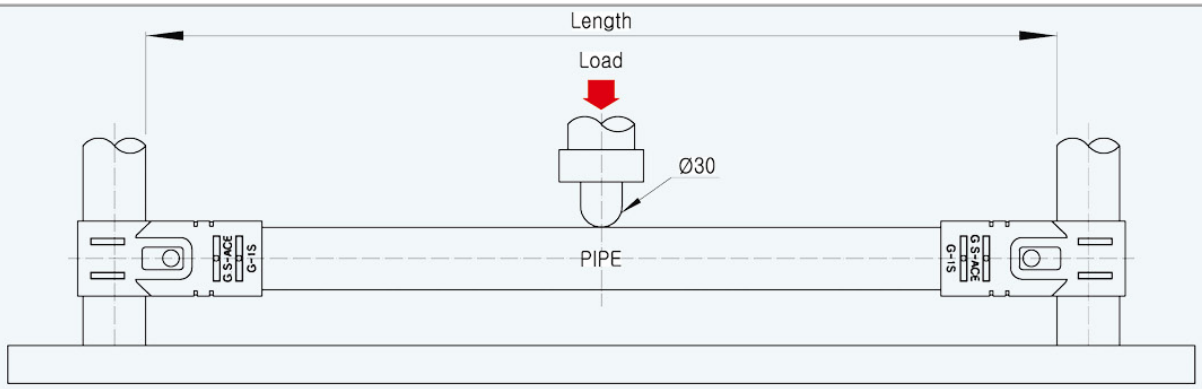
G.S.ACE INDUSTRY CO., LTD.

TECHNICAL SPECIFICATIONS



- METAL RACKING SYSTEM
- ALUMINUM RACKING SYSTEM
- ROLLER TRACK SYSTEM

BENDING STRENGTH FOR PIPE



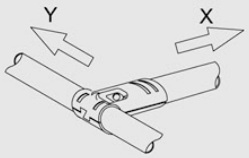
Test Condition 1. Test Speed : 5mm / min
2. Temperature : 23℃

Coated Pipe	L = 500mm		L = 1000mm	
	Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)
Φ28 x t0.7	85 kgf	195 kgf	30 kgf	120 kgf
Φ28 x t0.9	85 kgf	250 kgf	35 kgf	120 kgf
Φ28 x t1.4	105 kgf	385 kgf	55 kgf	185 kgf
Φ28 x t2.0	140 kgf	460 kgf	45 kgf	230 kgf

STS Pipe	L = 500mm		L = 1000mm	
	Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)
Φ28 x t0.7	100 kgf	190 kgf	45 kgf	110 kgf
Φ28 x t0.9	120 kgf	270 kgf	55 kgf	135 kgf
Φ28 x t1.2	145 kgf	390 kgf	65 kgf	185 kgf

ECCO Pipe	L = 500mm		L = 1000mm	
	Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)
Φ28 x t0.7	70 kgf	140 kgf	40 kgf	95 kgf
Φ28 x t0.9	110 kgf	200 kgf	40 kgf	120 kgf
Φ28 x t1.2	125 kgf	300 kgf	50 kgf	180 kgf
Φ28 x t2.0	195 kgf	465 kgf	60 kgf	240 kgf

HOLDING FORCE



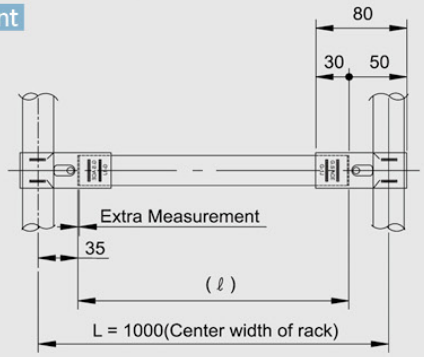
Test Condition

1. Test Speed : 5mm / min
2. Temperature : 23℃

Classifcation	Coated Pipe		STS Pipe	
	Ø28 x t0.7	Ø28 x t0.9	Ø28 x t0.7	Ø28 x t1.2
Direction : X	More than 80 kgf	More than 80 kgf	More than 80 kgf	More than 80 kgf
Direction : Y	More than 80 kgf	More than 80 kgf	More than 80 kgf	More than 80 kgf

DETERMINING STANDARD PIPE LENGTH

Metal Joint

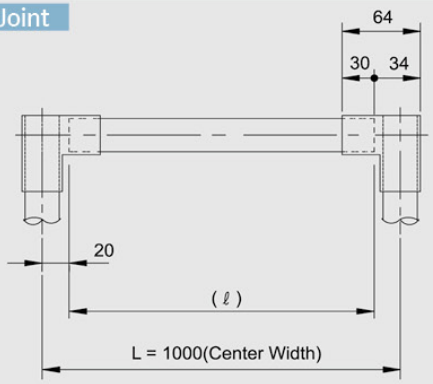


ℓ = 1000 - (70+2) = 928(mm)

Case of Ø28mm

1000mm	Center Measurement (L)
-70mm	Pipe Lenght Inside Joint (35mm x 2)
-2mm	Extra Measurement (2mm~5mm)
928mm	Pipe Length (ℓ)

Plastic Joint



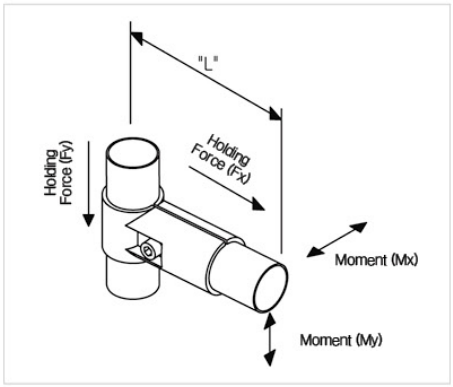
ℓ = 1000 - (40+2) = 958(mm)

Case of Ø28mm

1000mm	Center Measurement (L)
-40mm	Pipe Lenght Inside Joint (20mm x 2)
-2mm	Extra Measurement (2mm~5mm)
958mm	Pipe Length (ℓ)

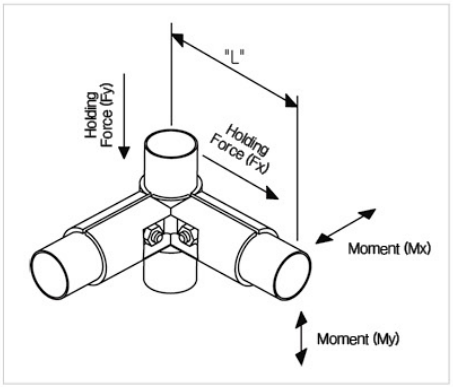
METAL JOINT HOLDING FORCE & MOMENT

GA-1S



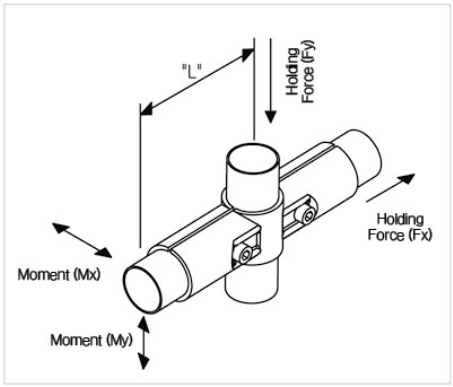
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	25
	My	120

GA-2S



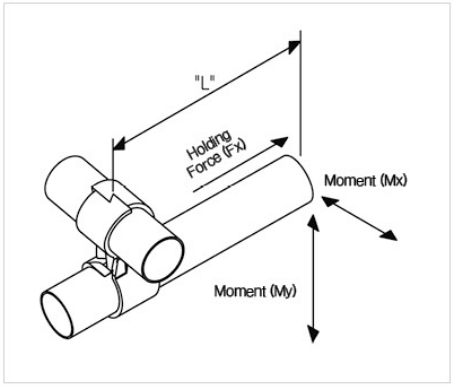
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	30
	My	120

GA-4S



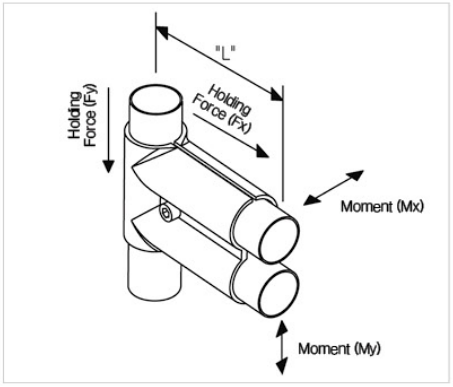
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	30
	My	120

GA-6S



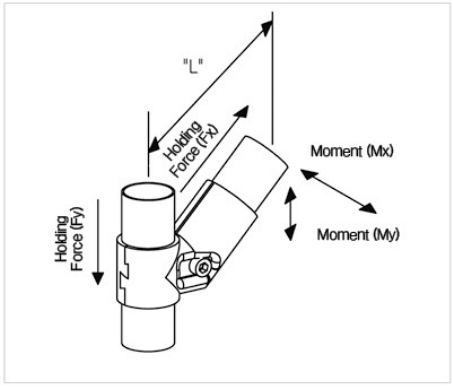
Holding Force (kgf)	Fx	80
Moment (kgf) (L=110mm)	Mx	25
	My	40

GA-9S



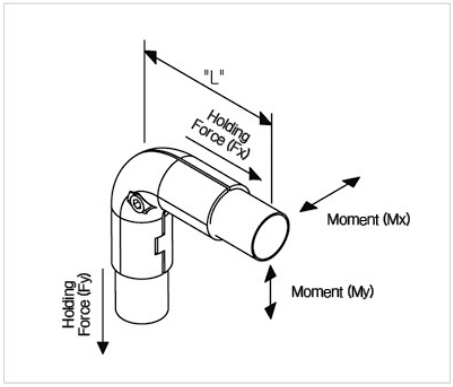
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	40
	My	200

GA-13S



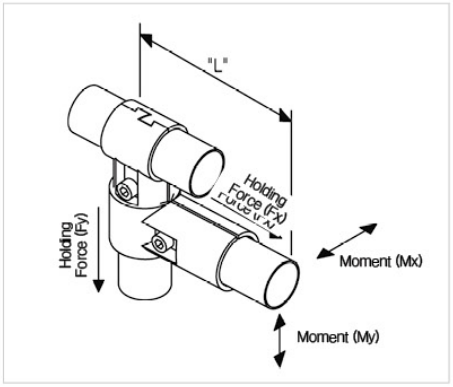
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	15
	My	60

GA-90S



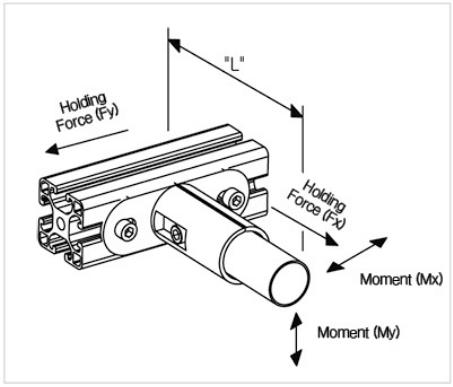
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	10
	My	70

GA-103



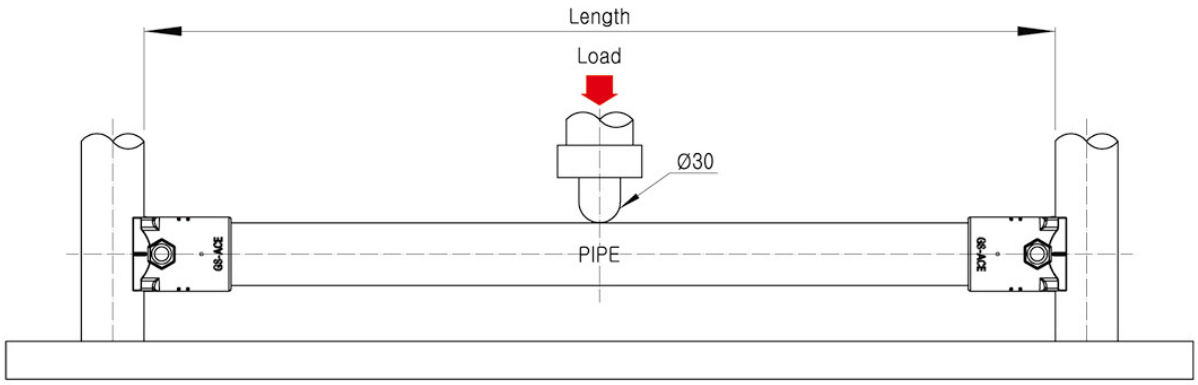
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	30
	My	120

GA-104



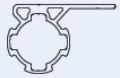
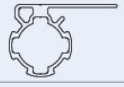
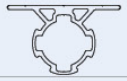
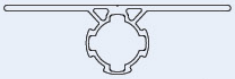
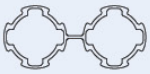
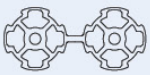
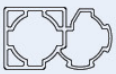
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	80
	My	120

PIPE BENDING STRENGTH

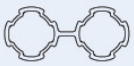
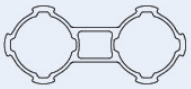


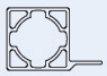
* Applied joint in the etst is outer single tee joint (ex. A-001)
* Pipes outer single tee joint can't be applied was tested with Inner single tee joint (ex. B-001H)

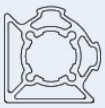
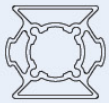
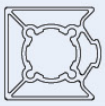
External Size	Part No.	TYPE	L = 500mm		L = 1,000mm		Weight (g/m)	Second Section Moment ($x10^4$ mm^4)	Applied Joint
			Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)			
Ø28	**AP2810B**		70	170	25	110	295	Ix : 0.74 Iy : 0.88	B-001H
	AP2812		115	300	40	170	380	Ix: 1.03 Iy: 1.03	A-001
	AP2812R		205	405	80	250	605	Ix : 7.22 Iy : 1.23	B-001H
	AP2820	X→	120	330	45	165	440	Ix: 1.32 Iy: 1.06	A-001
		Y↓	135	350	45	180			
	AP2829		140	395	50	230	495	Ix: 1.33 Iy: 1.33	A-001
	AP2812H		150	430	60	240	735	Ix: 1.54 Iy: 1.54	A-001
	AR2812		130	245	45	145	375	Ix: 1.13 Iy: 1.13	A-001C
	AR2820		130	275	45	150	445	Ix: 1.30 Iy: 1.30	A-001C
	AR2829		155	355	50	190	490	Ix: 1.46 Iy: 1.46	A-001C
	AL2812		100	200	45	110	335	Ix : 0.98 Iy : 0.87	A-001C
	AL2813		120	215	40	115	335	Ix: 1.05 Iy: 1.05	A-001C
	AL2818		145	295	45	165	395	Ix: 1.21 Iy: 1.21	A-001C
	ACF2812		55	195	20	100	355	Ix: 1.57 Iy: 1.34	GS-AN
	ALS2812		55	155	20	85	360	Ix: 1.82 Iy: 1.21	GS-AN

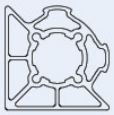
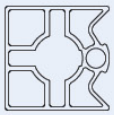
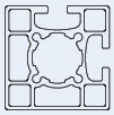
External Size	Part No.	TYPE		L = 500mm		L = 1,000mm		Weight (g/m)	Second Section Moment ($x10^4$ mm^4)	Applied Joint
				Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)			
Ø28	**AFS2810**			90	190	40	105	295	Ix: 1.89 Iy: 1.89	A-001C
	AFS2812			110	225	40	135	375	Ix: 1.06 Iy: 1.06	A-001C
	AQ2812			85	180	45	120	370	Ix: 1.09 Iy: 1.10	A-001C
	ALF2812			170	395	50	185	670	Ix: 3.46 Iy: 3.46	B-001H
	ALF2812B			170	380	50	170	630	Ix: 3.50 Iy: 2.95	B-001H
	ATF2812			175	425	50	180	700	Ix: 3.72 Iy: 3.10	B-001H
	ATF2812B			155	430	60	190	1,080	Ix : 7.05 Iy : 2.16	B-001H
	AD2812		X→	260	395	150	315	780	Ix: 2.04 Iy: 1.94	A-009
			Y↓	115	425	45	215			
	AD2829		X→	460	645	195	455	1,140	Ix: 3.09 Iy: 2.68	B-001H
			Y↓	170	495	55	260			
	AD2812H		X→	475	1095	230	955	1,365	Ix: 2.40 Iy: 3.28	A-009
			Y↓	205	535	65	305			
	AGP-28A			100	220	40	115	460	Ix: 0.97 Iy: 0.97	A-001C
	AGP-28B		X→	100	255	45	130	495	Ix: 1.05 Iy: 0.96	A-001C
			Y↓	115	270	45	135			
	AGP-28C		X→	55	140	35	100	375	Ix : 0.83 Iy : 0.83	A-001C
			Y↓	60	150	35	100			
	AT2829			80	320	30	155	580	Ix: 0.95 Iy: 1.63	A-001
	ASGP-08		X→	120	285	30	160	440	Ix: 1.78 Iy: 1.10	B-001H
			Y↓	95	275	40	150			
	ASJ2848A			175	425	45	190	700	Ix : 2.24 Iy : 5.57	B-001H
	ASJ2929A			135	425	40	200	625	Ix : 1.93 Iy : 1.91	B-001H

TECHNICAL SPECIFICATIONS ALUMINUM RACKING SYSTEM

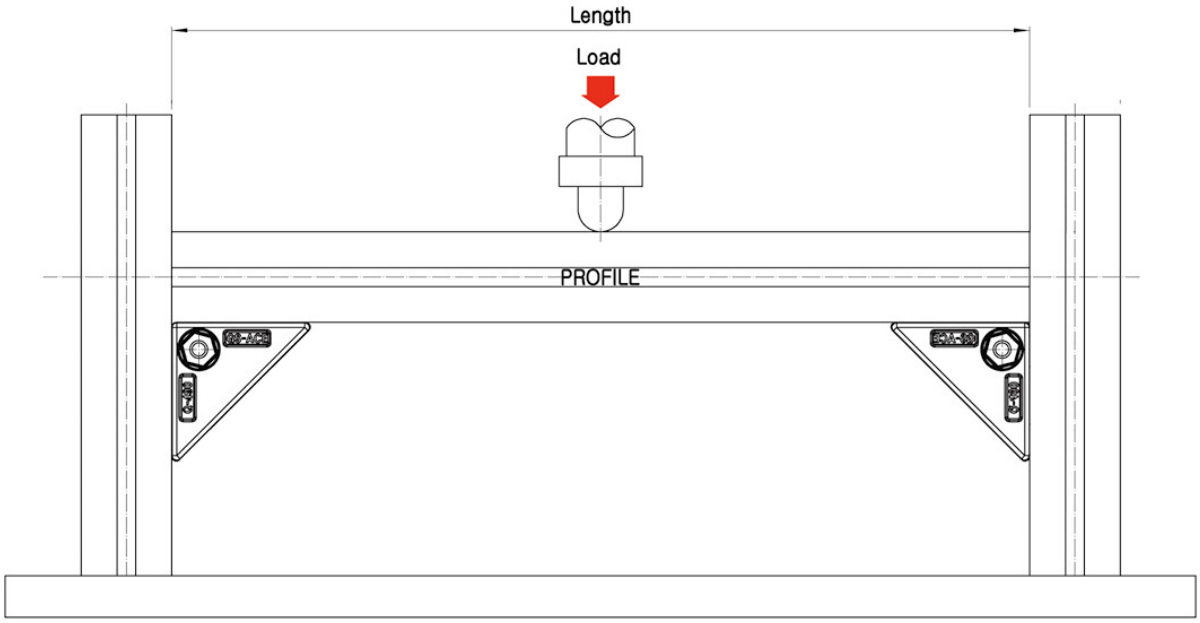
External Size	Part No.	TYPE		L = 500mm		L = 1,000mm		Weight (g/m)	Second Section Moment ($x10^4$ mm^4)	Applied Joint
				Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)			
Ø19	AP1914			40	110	15	55	200	Ix : 0.26 Iy : 0.26	A-1902
	AD1914		X→	153	260	60	160	429	Ix : 0.53 Iy : 2.86	B-1902
			Y↓	40	140	15	60			
	AT1914			20	70	5	20	246	Ix : 0.19 Iy : 0.34	A-1902
	ALF1914			45	130	15	80	334	Ix : 1.14 Iy : 0.83	B-1902
Ø33	AP3315			160	380	65	220	455	Ix : 1.76 Iy : 1.76	A-301
	AP3315H			205	595	80	305	895	Ix : 2.43 Iy : 2.43	A-301
Ø43	AP4319C			325	735	130	435	795	Ix : 5.07 Iy : 5.07	A-401
	AP4319H			360	840	160	550	1,280	Ix : 6.18 Iy : 6.17	A-401
	AR4312			145	300	90	225	695	Ix : 5.13 Iy : 5.13	B-401
	AQ4320			260	610	105	365	900	Ix : 6.16 Iy : 6.73	B-401
	AD4319		X→	630	1,050	355	918	1,885	Ix : 11.45 Iy : 6.16	B-401
			Y↓	315	1,470	135	735			

External Size	Part No.	TYPE	L = 500mm		L = 1,000mm		Weight (g/m)	Second Section Moment ($x10^4$ mm^4)	Applied Joint
			Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)			
28X28	**ASQ2812A**		130	400	45	185	565	Ix : 1.83 Iy : 1.83	C-001
	ASQ2812AN		105	305	35	140	450	Ix : 1.49 Iy : 1.49	C-001
	ASQ2812B		130	435	40	235	665	Ix: 1.79 Iy: 2.55	C-001
	ASQ2812C		130	425	45	185	590	Ix: 1.82 Iy: 2.20	C-001
	ASQ2812D		150	425	45	195	555	Ix: 1.95 Iy: 1.95	C-001
	ASQ2812E		135	360	40	165	520	Ix: 1.79 Iy: 1.41	C-001
	ASQ2812EN		105	280	35	145	430	Ix : 1.40 Iy : 1.25	C-001
	ASQ2812F		170	405	50	215	645	Ix: 2.11 Iy: 3.21	C-001
	AST2828D		145	445	50	155	870	Ix : 2.59 Iy : 2.59	C-001T

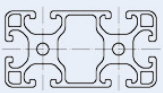
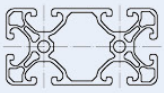
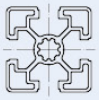
External Size	Part No.	TYPE		L = 500mm		L = 1,000mm		Weight (g/m)	Second Section Moment ($x10^4$ mm^4)	Applied Joint
				Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)			
40X40	ASJ4040A		X→	340	750	105	410	1,190	Ix: 6.85 Iy: 6.85	D-001
			Y↓	310	700	110	445			
	ASJ4040B		X→	300	625	115	405	1,210	Ix: 6.98 Iy: 6.89	D-001
			Y↓	345	625	115	380			
	ASJ4040C		X→	345	780	110	385	1,185	Ix: 7.73 Iy: 7.51	D-001
			Y↓	350	710	115	370			
	ASJ4040D			315	895	110	425	1,175	Ix: 7.72 Iy: 7.72	D-001
	ASJ4040E		X→	280	640	105	370	1,145	Ix: 6.08 Iy: 6.03	D-001
			Y↓	300	600	100	350			
	ASJ4040R		X→	270	590	100	350	1,125	Ix: 5.04 Iy: 6.90	D-001
			Y↓	290	700	105	390			
	ASM4040A		X→	330	840	110	400	1.224	Ix: 6.79 Iy: 6.79	D-001
			Y↓	330	780	115	380			
	ASM4040C		X→	330	920	120	465	1,290	Ix: 7.56 Iy: 7.70	D-001
			Y↓	370	945	125	440			
	ASM4040R		X→	260	680	105	335	1,165	Ix: 6.00 Iy: 6.99	D-001
			Y↓	345	860	115	415			
	AST4040A		X→	330	715	115	385	1,185	Ix: 7.13 Iy: 7.13	D-001
			Y↓	370	820	110	415			
	AST4040D			295	975	110	475	1,260	Ix: 7.67 Iy: 7.67	D-001

External Size	Part No.	TYPE		L = 500mm		L = 1,000mm		Weight (g/m)	Second Section Moment ($x10^4$ mm^4)	Applied Joint
				Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)			
45X45	ASJ4545A		X→	365	950	135	490	1,320	Ix: 9.10 Iy: 9.10	E-001
			Y↓	360	780	140	495			
	ASJ4545C		X→	425	1,005	140	510	1,410	Ix: 11.37 Iy: 10.59	E-001
			Y↓	350	985	160	525			
	ASJ4545D			480	1,120	165	565	1,495	Ix: 12.42 Iy: 12.42	E-001
	ASM4545C		X→	375	960	170	625	1,590	Ix: 12.35 Iy: 11.69	E-001
			Y↓	480	965	155	635			
	AST4545A		X→	425	1,020	165	590	1,510	Ix: 11.41 Iy: 11.41	E-001
			Y↓	480	1,195	170	590			
	AST4545D			450	1,030	165	660	1,605	Ix: 12.47 Iy: 12.47	E-001

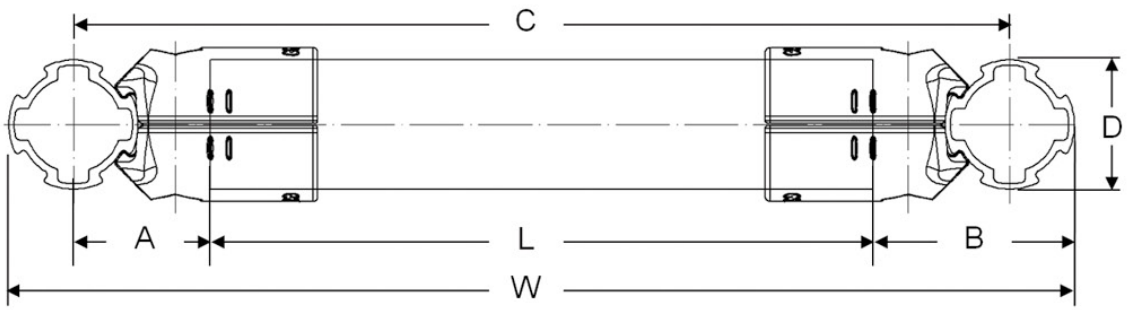
PIPE BENDING STRENGTH



※ 모든 PROFILE은 Quick Joint (Q-490)을 체결하여 측정한 결과임.

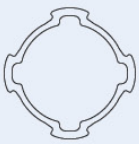
External Size	Part No.	TYPE		L = 500mm		L = 1,000mm		Weight (g/m)	Second Section Moment ($x10^4$ mm^4)	Applied Joint
				Recommended Load (2.5mm Deflection)	Elastic Limit (Yield Load)	Recommended Load (5mm Deflection)	Elastic Limit (Yield Load)			
40X40	P4040A			360	1,650	160	560	1,670	Ix: 8.37 Iy: 8.37	Q-490
40X80	P4080A		X→	540	2,250	330	1,510	3,076	Ix: 16.74 Iy: 69.62	Q-490
			Y↓	580	2,480	245	1,250			
	P4080B		X→	330	2,160	350	1,260	2,443	Ix: 15.67 Iy: 58.34	Q-490
			Y↓	540	2,180	230	900			
45X45	P4040A			370	1,580	160	600	1,554	Ix: 11.18 Iy: 11.18	Q-490
	P4040B			360	1,630	160	700	1,497	Ix: 10.54 Iy: 10.54	Q-490
	P4040C			340	1,760	170	840	2,010	Ix: 14.01 Iy: 14.01	Q-490

DETERMINING STANDARD PIPE LENGTH

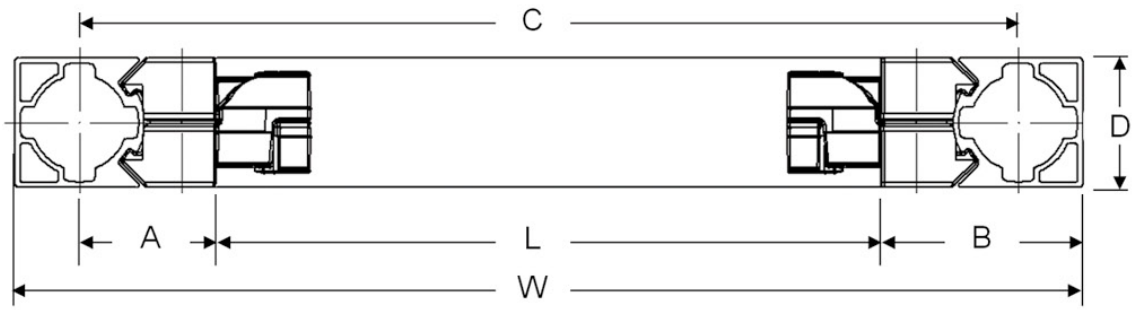


ALUMINUM PIPE

Unit : mm

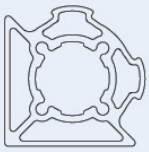
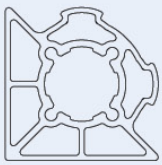
Diameter 〈D〉		Item No.	Pipe Length when center width of rack C=1000		Pipe Length when outer width of rack W=1000		Remark
			〈A〉	〈L〉	〈B〉	〈L〉	
Ø28		A-1902	26.5	947 (-53)	40	920 (-80)	
		B-1902	26.5	947 (-53)	40	920 (-80)	
		A-001	29	942 (-58)	43	914 (-86)	
		B-001	29	942 (-58)	43	914 (-86)	
Ø19		A-1901	22	956 (-44)	31.5	937 (-63)	
		B-1901	22	956 (-44)	31.5	937 (-63)	
Ø33		A-1902	29	942 (-58)	45.5	909 (-91)	
		B-1902	29	942 (-58)	45.5	909 (-91)	
		A-001	32	936 (-64)	44	912 (-88)	
		B-001	32	936 (-64)	44	912 (-88)	
		A-301	33	934 (-66)	49.5	901 (-99)	
		B-301	33	934 (-66)	49.5	901 (-99)	
Ø43		A-1902	34	932(-68)	55.5	889 (-111)	
		B-1902	34	932(-68)	55.5	889 (-111)	
		A-001	37	926 (-74)	47.5	905 (-95)	
		B-001	37	926 (-74)	47.5	905 (-95)	
		A-301	38	924 (-76)	53	894 (-106)	
		B-301	38	924 (-76)	53	894 (-106)	
		A-401	41.5	917 (-83)	63	874 (-126)	
		B-401	41.5	917 (-83)	63	874 (-126)	

DETERMINING STANDARD PIPE LENGTH

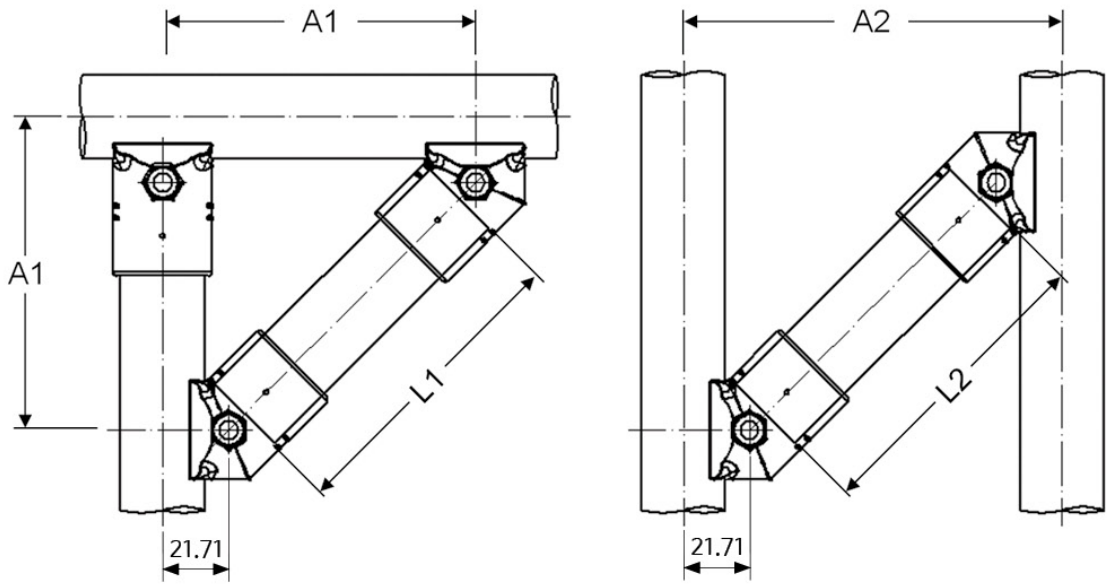


ALUMINUM PIPE

Unit : mm

Diameter 〈D〉		Item No.	Pipe Length when center width of rack C=1000		Pipe Length when outer width of rack W=1000		Remark
			〈A〉	〈L〉	〈B〉	〈L〉	
28x28		A-1902	26.5	947 (-53)	40	920 (-80)	
		B-1902	26.5	947 (-53)	40	920 (-80)	
		A-001	29	942 (-58)	43	914 (-86)	
		B-001	29	942 (-58)	43	914 (-86)	
		C-001	29	942 (-58)	43	914 (-86)	
40x40		A-1902	34	932 (-68)	54	892 (-108)	
		B-1902	34	932 (-68)	54	892 (-108)	
		A-001	37	926 (-74)	57	886 (-114)	
		B-001	37	926 (-74)	57	886 (-114)	
		C-001	37	926 (-74)	57	886 (-114)	
		D-001	41.5	917 (-83)	61.5	877 (-123)	
45x45		A-1902	35	930 (-70)	58	884 (-116)	
		B-1902	35	930 (-70)	58	884 (-116)	
		A-001	37	926 (-74)	60.5	875 (-121)	
		B-001	37	926 (-74)	60.5	875 (-121)	
		C-001	37	926 (-74)	60.5	875 (-121)	
		E-001	41.5	917 (-83)	65	870 (-130)	

DETERMINING STANDARD PIPE LENGTH



∅28 ALUMINUM ANGLE JOINT

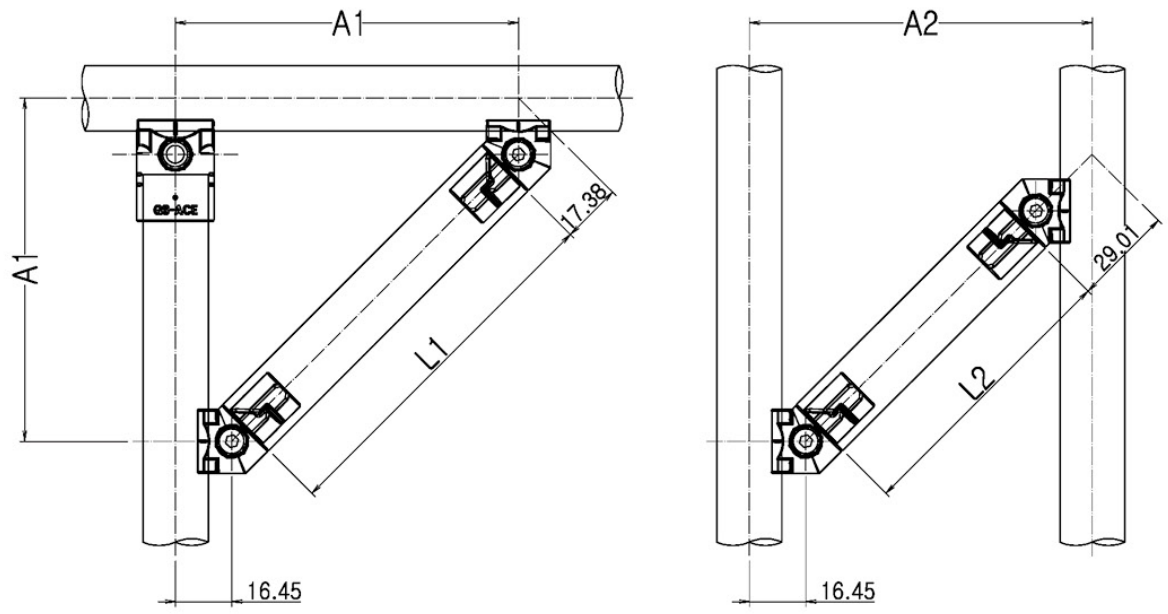
Unit : mm

Diameter (D)	Item No.	In case of perpendicular Pipe connection		In case of parallel Pipe connection		Remark
		A1	L1	A2	L2	
∅28	A-013L/R B-013L/R	100	95.7	100	65	
		200	237.1	200	206.4	
		300	378.5	300	347.8	
		400	519.9	400	489.2	
		500	661.3	500	630.6	
		600	802.7	600	772	

[Calculation Formula of Pipe Length]

※ L1 = 1.414 x A1 − 45.706
※ L2 = 1.414 x A2 − 76.414

DETERMINING STANDARD PIPE LENGTH



∅19 ALUMINUM ANGLE JOINT

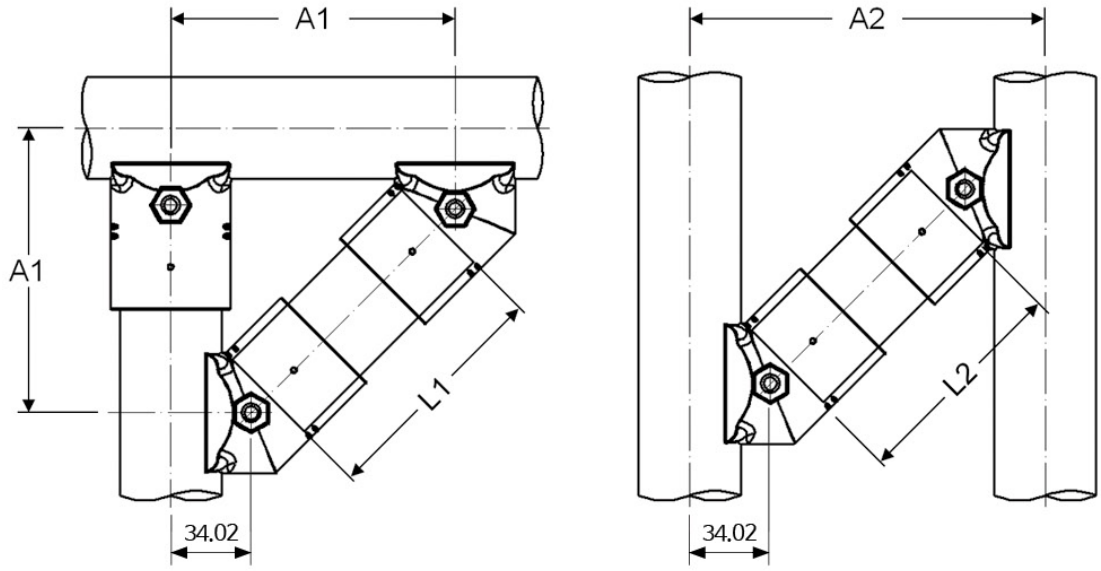
Unit : mm

Diameter 〈D〉	Item No.	In case of perpendicular Pipe connection		In case of parallel Pipe connection		Remark
		A1	L1	A2	L2	
∅19	B-1913L/R	100	106.6	100	83.4	
		200	248	200	224.8	
		300	389.4	300	366.2	
		400	530.8	400	507.6	
		500	672.2	500	649	
		600	813.6	600	790.4	

[Calculation Formula of Pipe Length]

※ L1 = 1.414 x A1 − 34.760
※ L2 = 1.414 x A2 − 58.020

DETERMINING STANDARD PIPE LENGTH



∅43 ALUMINUM ANGLE JOINT

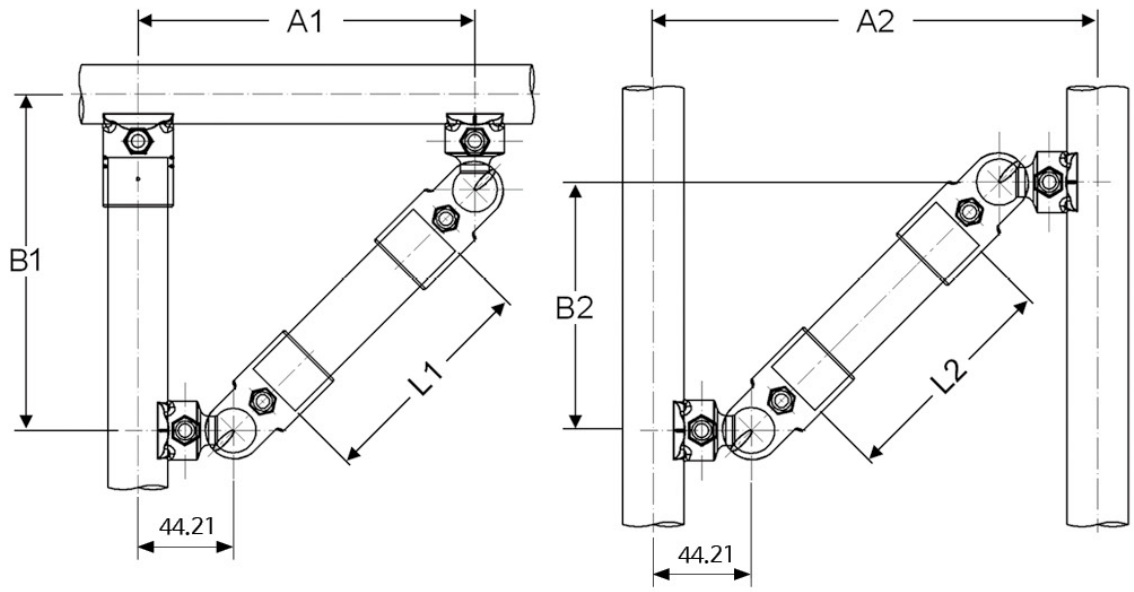
Unit : mm

Diameter 〈D〉	Item No.	In case of perpendicular Pipe connection		In case of parallel Pipe connection		Remark
		A1	L1	A2	L2	
∅43	A-413L/R	150	143.2	150	95	
		200	213.9	200	165.7	
		300	355.3	300	307.1	
		400	496.7	400	448.5	
		500	638.1	500	589.9	
		600	779.5	600	731.3	

[Calculation Formula of Pipe Length]

※ L1 = 1.414 x A1 − 68.946
※ L2 = 1.414 x A2 − 117.06

DETERMINING STANDARD PIPE LENGTH



∅28 ALUMINUM SWIVEL JOINT

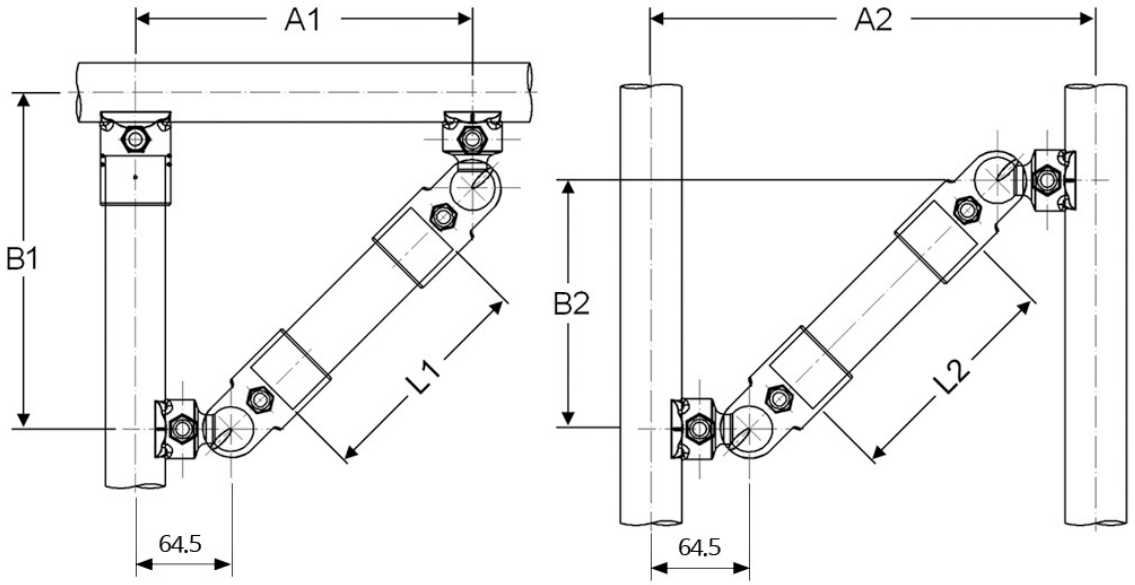
Unit : mm

Diameter 〈D〉	Item No.	In case of perpendicular Pipe connection			In case of parallel Pipe connection			Remark
		A1	B1	L1	A2	B2	L2	
∅28	AA-007F AA-007R AA-027F AA-027M BA-007F BA-007R	200	200	176	200	200	176	
		300	300	314.1	300	300	314.1	
		400	400	454	400	400	454	
		500	500	594.6	500	500	594.6	
		600	600	735.5	600	600	735.5	
		700	700	876.5	700	700	876.5	

[Calculation Formula of Pipe Length]

※ $L1 = \sqrt{(A-88.42)^2+B^2} - 53$

DETERMINING STANDARD PIPE LENGTH



∅43 ALUMINUM SWIVEL JOINT

Unit : mm

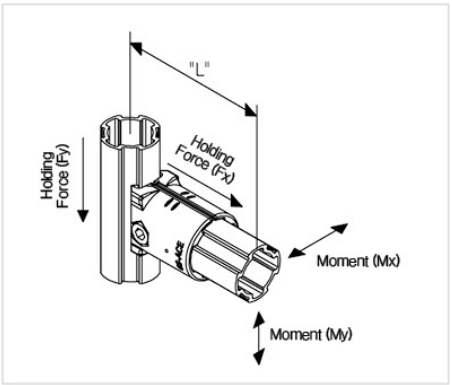
Diameter 〈D〉	Item No.	In case of perpendicular Pipe connection			In case of parallel Pipe connection			Remark
		A1	B1	L1	A2	B2	L2	
∅43	AA-407F BA-407F BA-427F	300	300	277.7	300	300	277.7	
		400	400	415.6	400	400	415.6	
		500	500	555	500	500	555	
		600	600	695.2	600	600	695.2	
		700	700	835.7	700	700	835.7	
		800	800	976.5	800	800	976.5	

[Calculation Formula of Pipe Length]

※ $L1 = \sqrt{(A-129)^2+B^2} - 67.6$

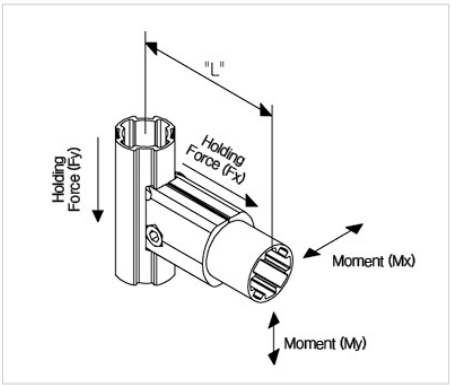
JOINT HOLDING FORCE & MOMENT

AA-001



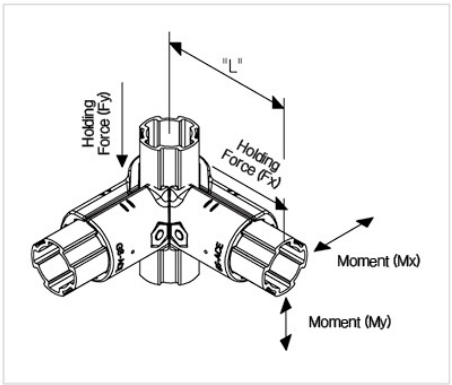
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	120

AA-001C



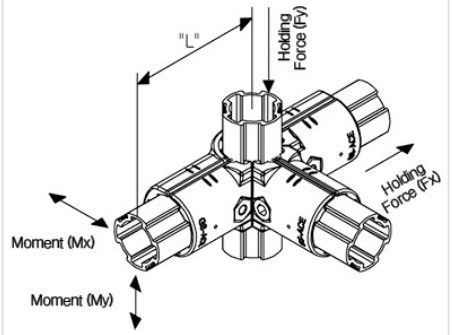
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	50
	My	100

AA-002



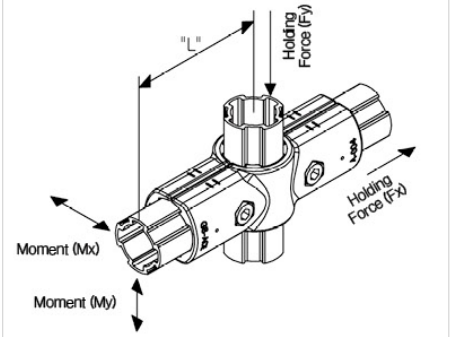
Holding Force (kgf)	Fx	80
	Fy	200
Moment (kgf) (L=110mm)	Mx	60
	My	120

AA-003



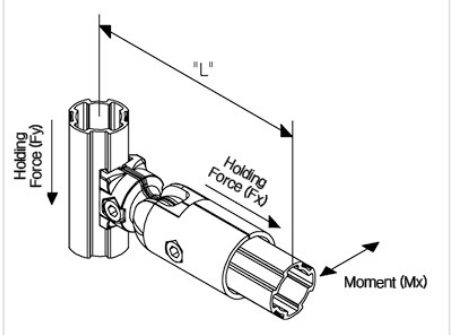
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	120

AA-004



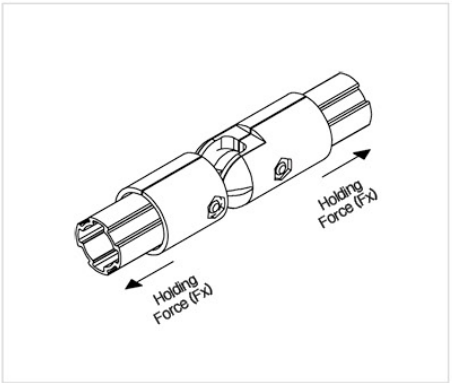
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	120

AA-007F/AA-007R



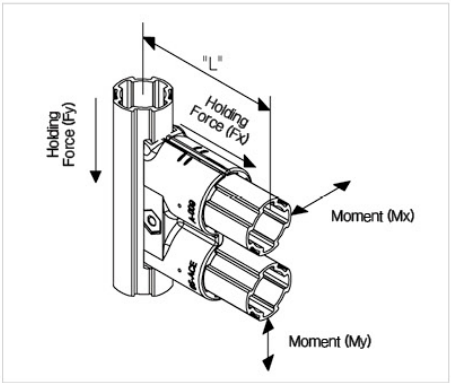
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	50

AA-027F/AA-027M



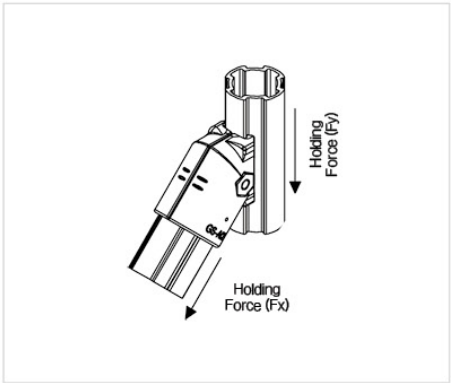
Holding Force (kgf)	Fx	80

AA-009



Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	250
	My	500

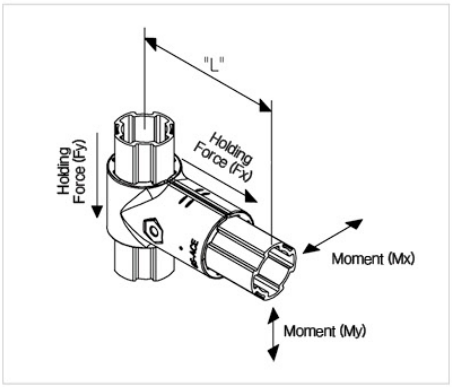
AA-013



Holding Force (kgf)	Fx	80
	Fy	80

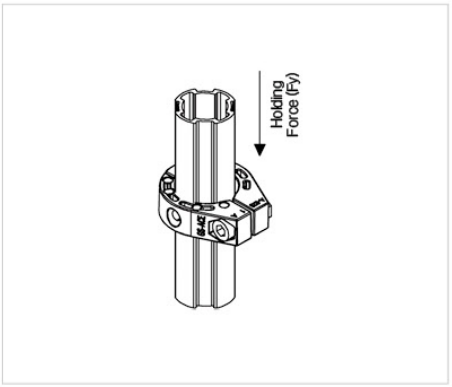
JOINT HOLDING FORCE & MOMENT

AA-021



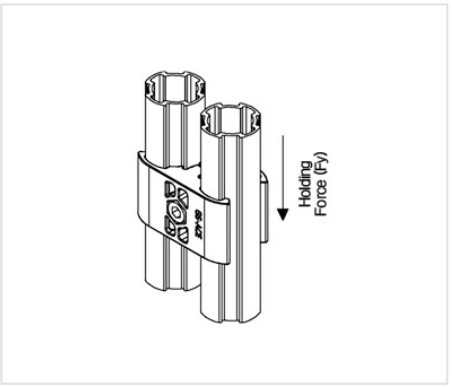
Holding Force (kgf)	Fx	80
	Fy	200
Moment (kgf) (L=110mm)	Mx	60
	My	120

AA-023



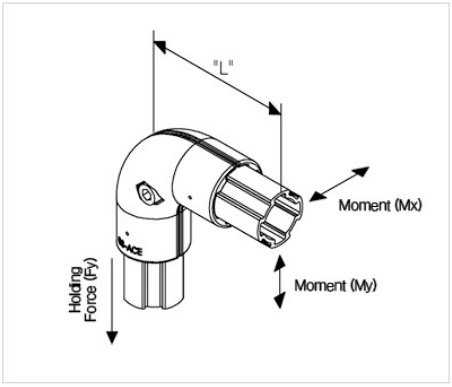
Holding Force (kgf)	Fy	80

AA-028



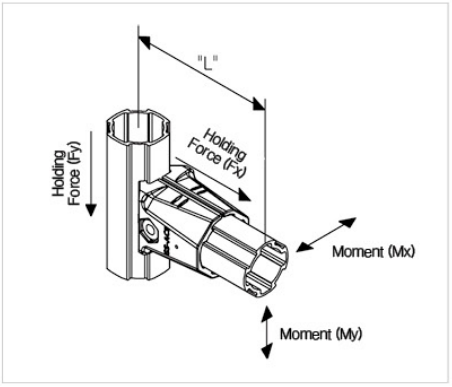
Holding Force (kgf)	Fy	80

AA-090



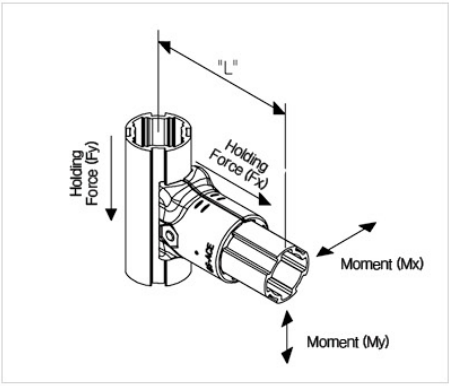
Holding Force (kgf)	Fx	80
Moment (kgf) (L=110mm)	Mx	50
	My	100

AA-101



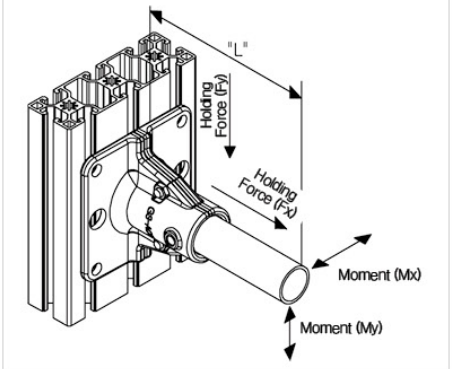
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	50
	My	100

AA-201



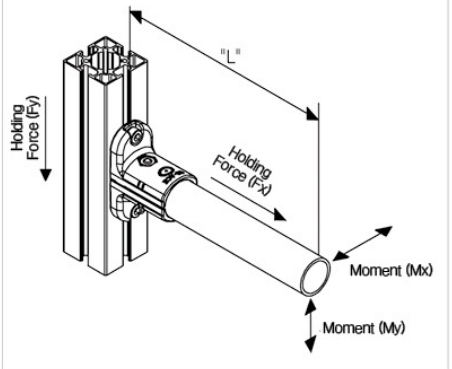
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	120

AA-204



Holding Force (kgf)	Fx	100
	Fy	100
Moment (kgf) (L=110mm)	Mx	25
	My	30

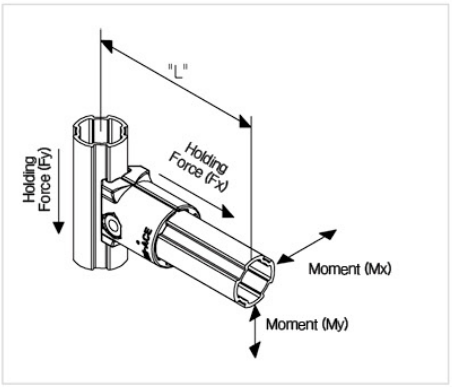
AA-304



Holding Force (kgf)	Fx	100
	Fy	100
Moment (kgf) (L=110mm)	Mx	12
	My	15

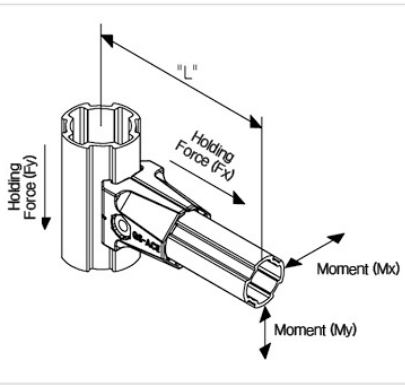
JOINT HOLDING FORCE & MOMENT

AA-1901



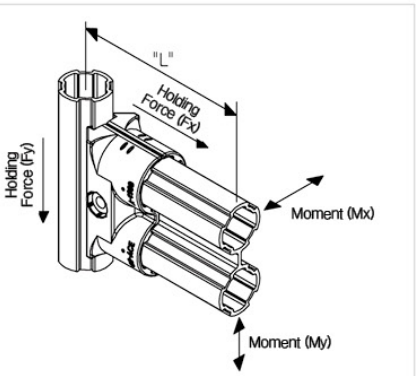
Holding Force (kgf)	Fx	50
	Fy	100
Moment (kgf) (L=110mm)	Mx	15
	My	30

AA-1902



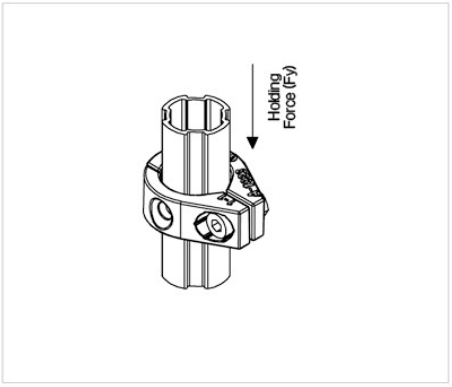
Holding Force (kgf)	Fx	60
	Fy	120
Moment (kgf) (L=110mm)	Mx	30
	My	60

AA-1909



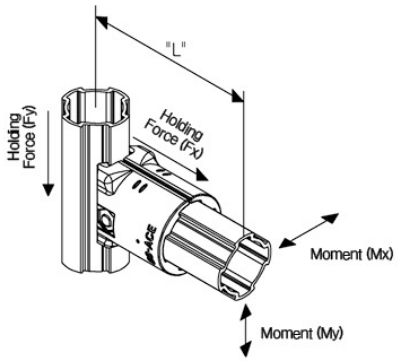
Holding Force (kgf)	Fx	80
	Fy	120
Moment (kgf) (L=110mm)	Mx	20
	My	90

AA-1923



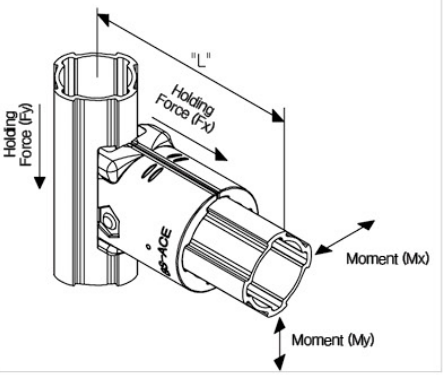
Holding Force (kgf)	Fy	80

AA-301



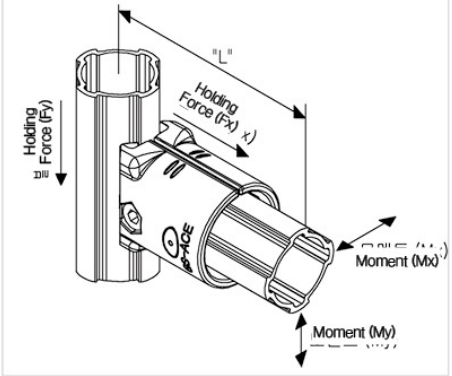
Holding Force (kgf)	Fx	80
	Fy	200
Moment (kgf) (L=110mm)	Mx	60
	My	120

AA-401



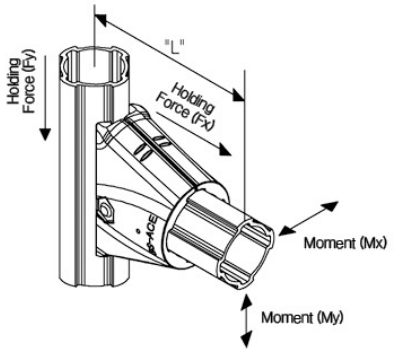
Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	80
	My	200

AA-401C



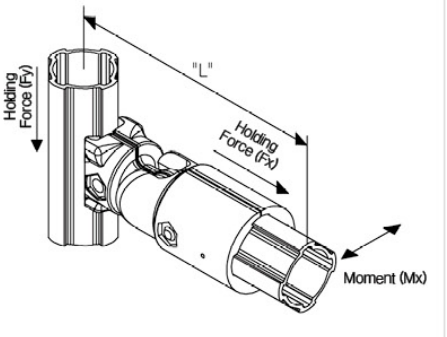
Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	80
	My	200

AA-401W



Holding Force (kgf)	Fx	150
	Fy	400
Moment (kgf) (L=110mm)	Mx	200
	My	600

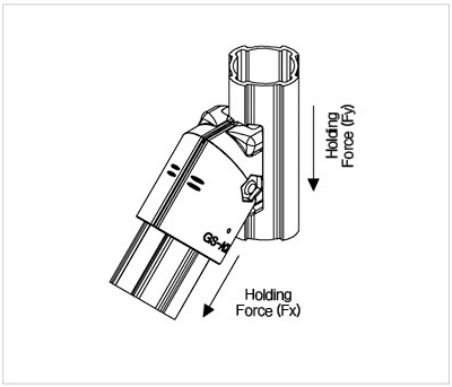
AA-407F



Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	80

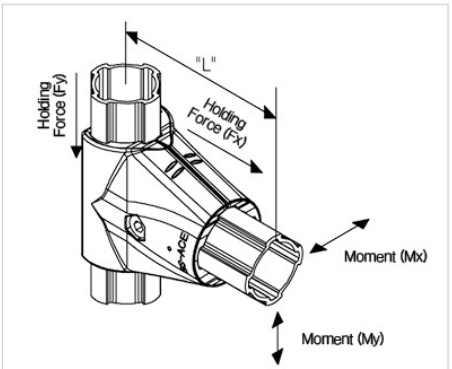
JOINT HOLDING FORCE & MOMENT

AA-413



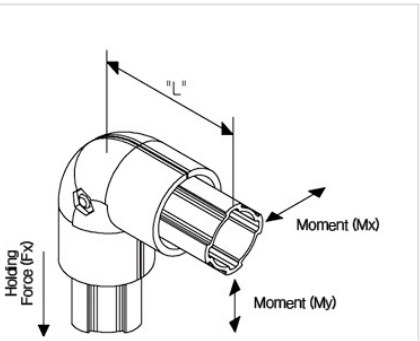
Holding Force (kgf)	Fx	100
	Fy	200

AA-421



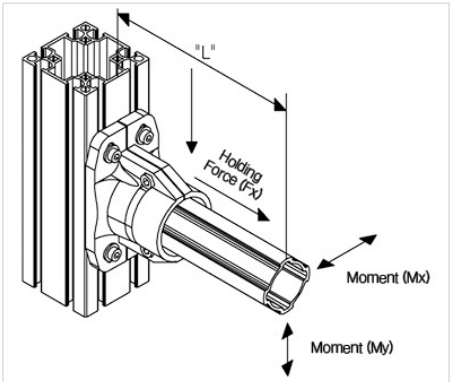
Holding Force (kgf)	Fx	150
	Fy	400
Moment (kgf) (L=110mm)	Mx	200
	My	600

AA-490



Holding Force (kgf)	Fx	100
Moment (kgf) (L=110mm)	Mx	200
	My	400

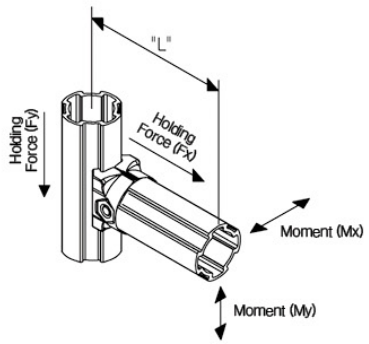
AA-104



Holding Force (kgf)	Fx	100
	Fy	100
Moment (kgf) (L=110mm)	Mx	300
	My	500

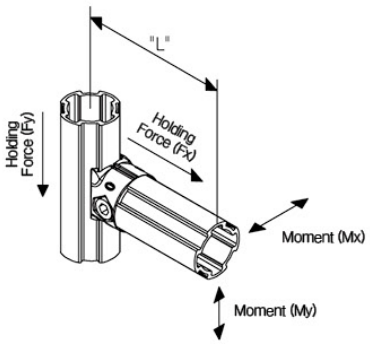
JOINT HOLDING FORCE & MOMENT

BA-001H



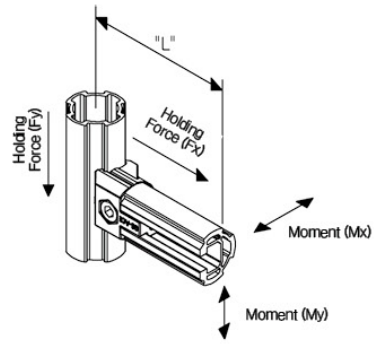
Holding Force (kgf)	Fx	100
	Fy	100
Moment (kgf) (L=110mm)	Mx	40
	My	80

BA-001C



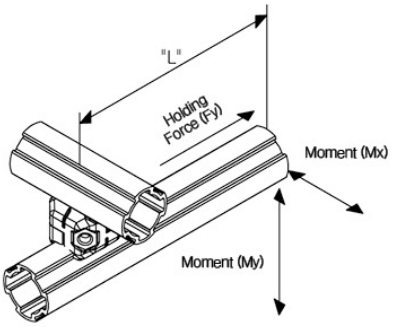
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	40
	My	80

BA-001T



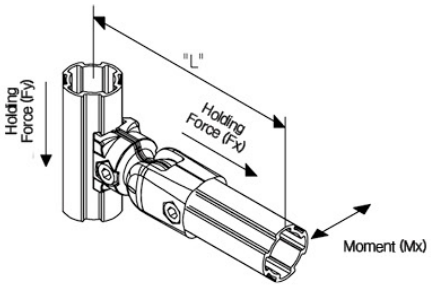
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	40
	My	80

BA-006



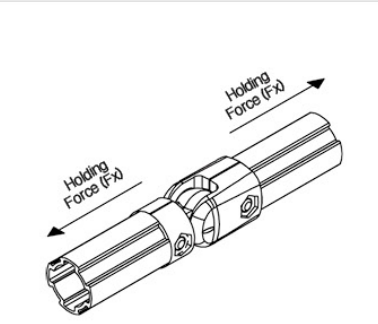
Holding Force (kgf)	Fy	80
Moment (kgf) (L=110mm)	Mx	40
	My	60

BA-007F/BA-007R



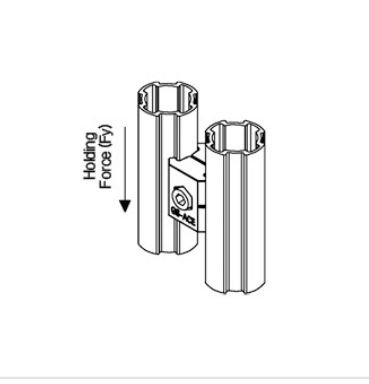
Holding Force (kgf)	Fx	50
	Fy	80
Moment (kgf) (L=110mm)	Mx	50

BA-027F/BA-027M



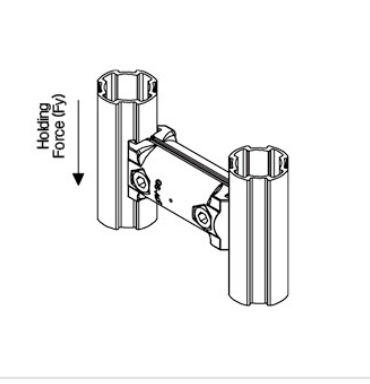
Holding Force (kgf)	Fx	50

BA-008



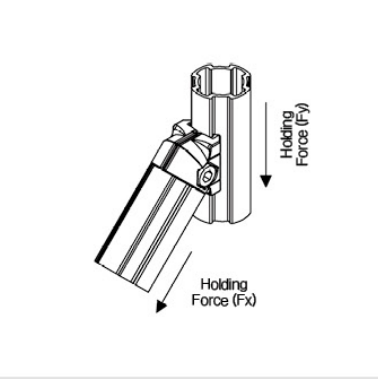
Holding Force (kgf)	Fy	80

BA-011



Holding Force (kgf)	Fy	80

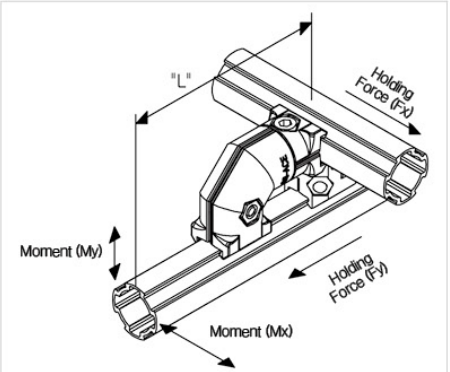
BA-013



Holding Force (kgf)	Fx	80
	Fy	80

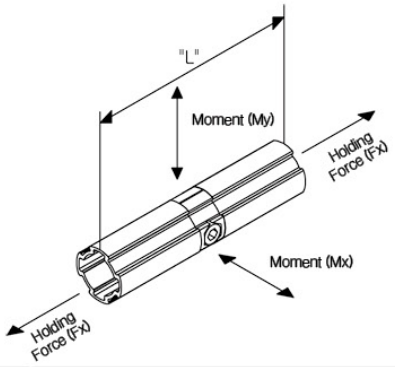
JOINT HOLDING FORCE & MOMENT

BA-015



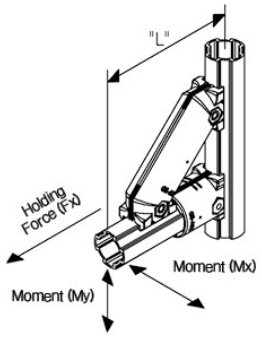
Holding Force (kgf)	Fx	200
	Fy	200
Moment (kgf) (L=110mm)	Mx	80
	My	120

BA-044B



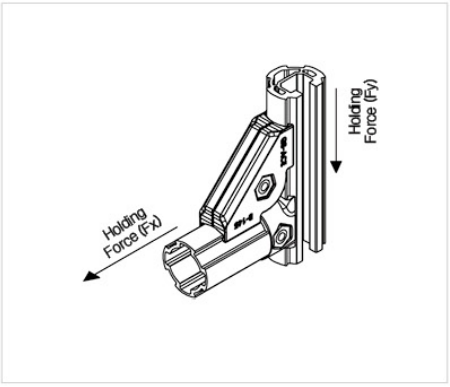
Holding Force (kgf)	Fx	80
Moment (kgf) (L=500mm)	Mx	50
	My	20
Moment (kgf) (L=110mm)	Mx	30
	My	10

BA-045



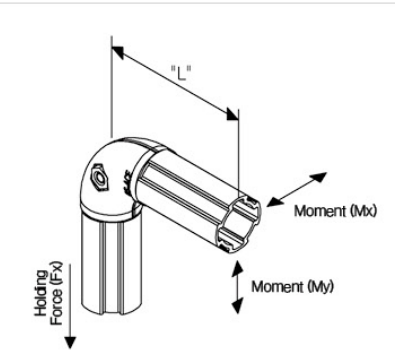
Holding Force (kgf)	Fx	500
Moment (kgf) (L=110mm)	Mx	100
	My	200

BA-145



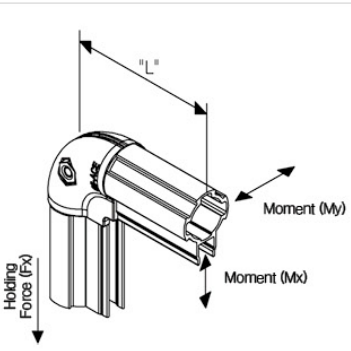
Holding Force (kgf)	Fx	40
	Fy	40

BA-090



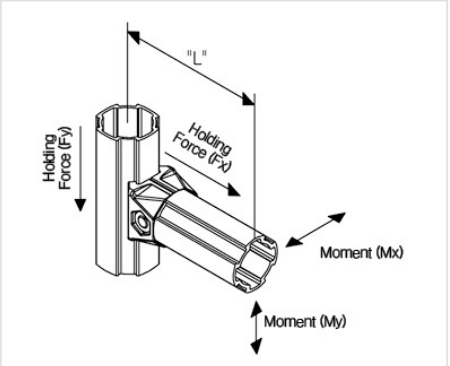
Holding Force (kgf)	Fx	80
Moment (kgf) (L=110mm)	Mx	50
	My	100

BA-091



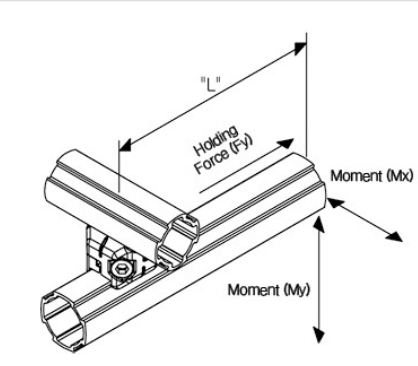
Holding Force (kgf)	Fx	80
Moment (kgf) (L=110mm)	Mx	50
	My	100

BA-101



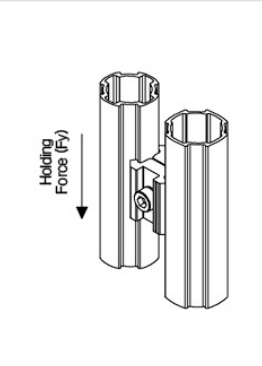
Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=110mm)	Mx	40
	My	80

BA-106



Holding Force (kgf)	Fx	80
Moment (kgf) (L=110mm)	Mx	40
	My	60

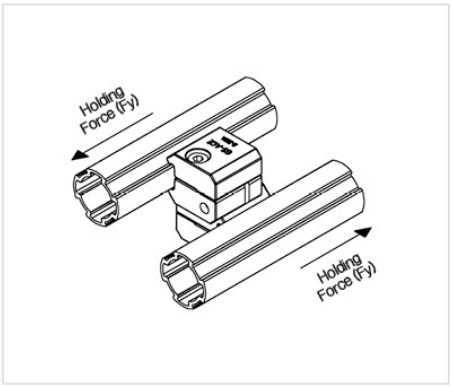
BA-108



Holding Force (kgf)	Fx	80

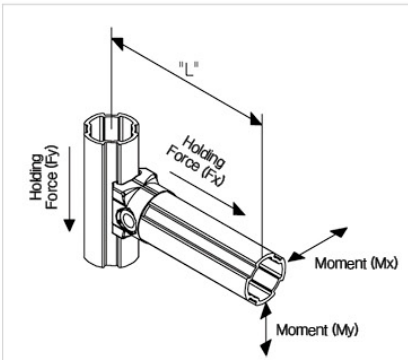
JOINT HOLDING FORCE & MOMENT

BA-206



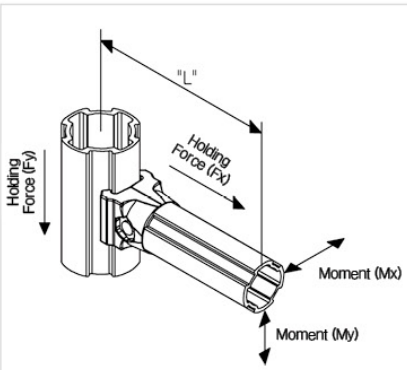
Holding Force (kgf)	Fy	80

BA-1901



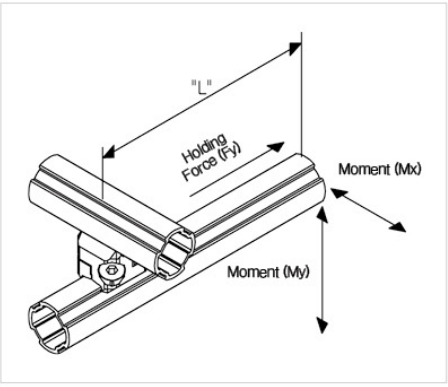
Holding Force (kgf)	Fx	40
	Fy	80
Moment (kgf) (L=110mm)	Mx	10
	My	20

BA-1902



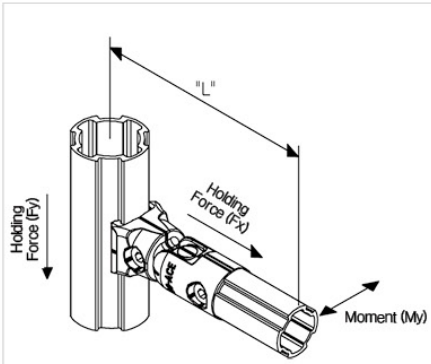
Holding Force (kgf)	Fx	40
	Fy	80
Moment (kgf) (L=110mm)	Mx	10
	My	20

BA-1906



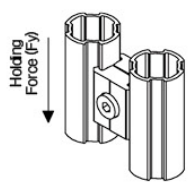
Holding Force (kgf)	Fx	80
Moment (kgf) (L=110mm)	Mx	10
	My	20

BA-1917M



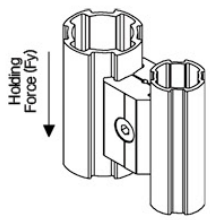
Holding Force (kgf)	Fx	60
Moment (kgf) (L=110mm)	Fy	80
	Mx	20

BA-1908



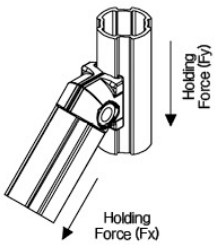
Holding Force (kgf)	Fy	100

BA-1909



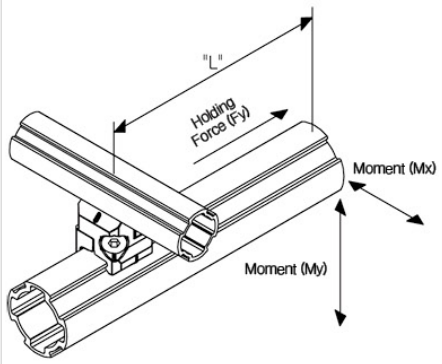
Holding Force (kgf)	Fy	200

BA-1913



Holding Force (kgf)	Fx	40
	Fy	80

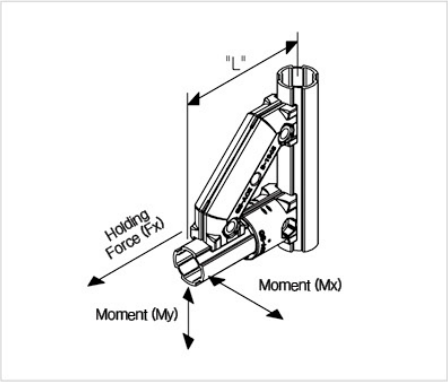
BA-1916



Holding Force (kgf)	Fx	80
Moment (kgf) (L=110mm)	Mx	35
	My	30

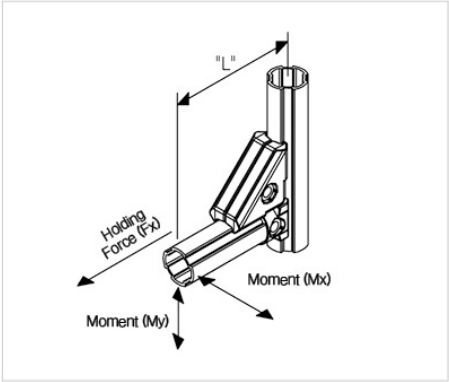
JOINT HOLDING FORCE & MOMENT

BA-1945



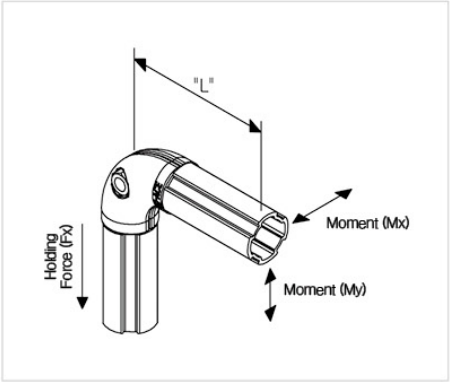
Holding Force (kgf)	Fx	200
Moment (kgf) (L=110mm)	Mx	35
	My	100

BA-1945B



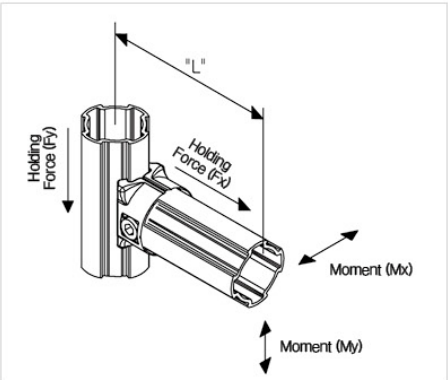
Holding Force (kgf)	Fx	200
Moment (kgf) (L=110mm)	Mx	25
	My	50

BA-1990



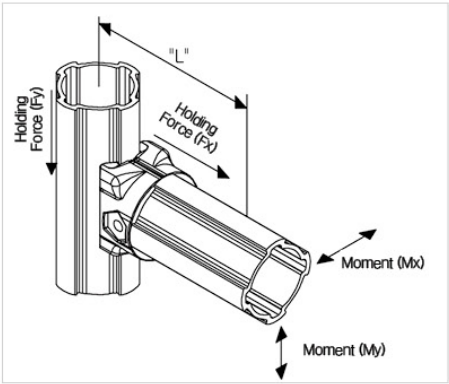
Holding Force (kgf)	Fx	40
Moment (kgf) (L=110mm)	Mx	10
	My	20

BA-301



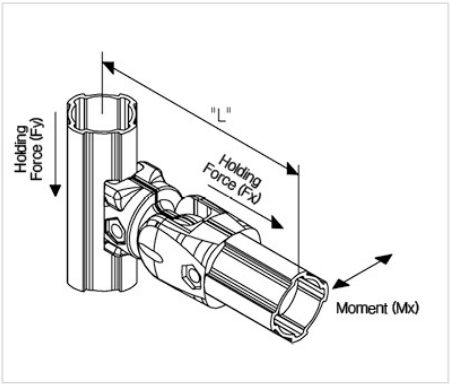
Holding Force (kgf)	Fx	100
	Fy	150
Moment (kgf) (L=110mm)	Mx	50
	My	120

BA-401



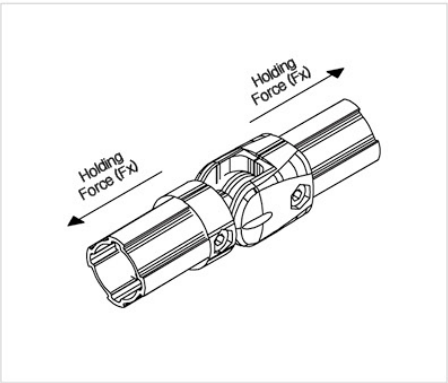
Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	80
	My	150

BA-427F



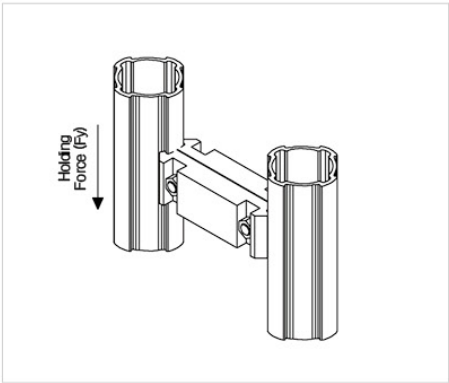
Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	80

BA-427F



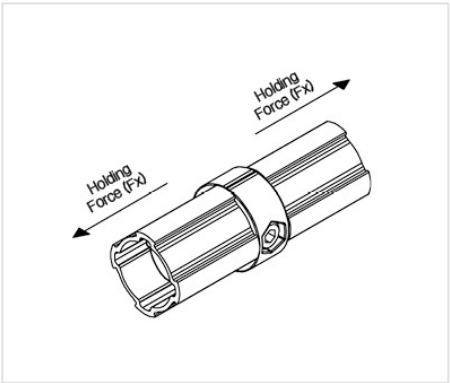
Holding Force (kgf)	Fy	100

BA-411



Holding Force (kgf)	Fy	80

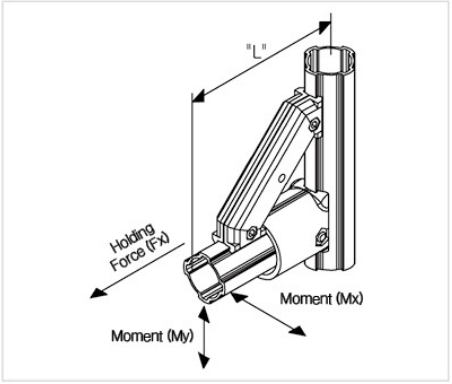
BA-444



Holding Force (kgf)	Fx	100

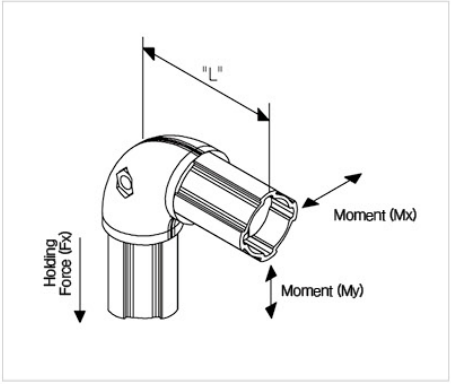
JOINT HOLDING FORCE & MOMENT

BA-445



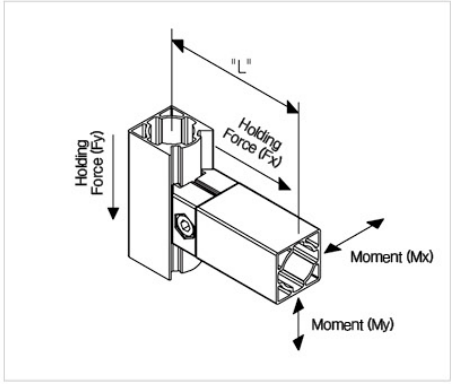
Holding Force (kgf)	Fx	500
Moment (kgf) (L=110mm)	Mx	100
	My	200

BA-490



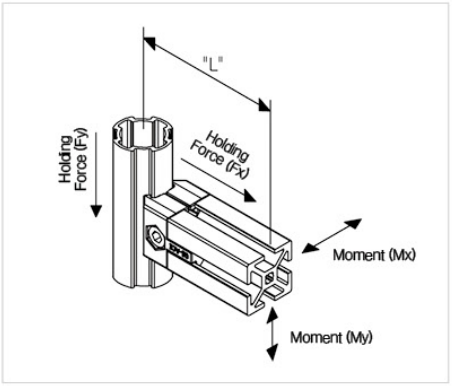
Holding Force (kgf)	Fx	100
Moment (kgf) (L=110mm)	Mx	100
	My	200

CA-001



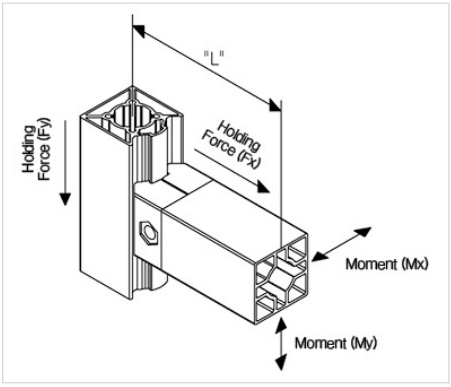
Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	50
	My	100

CA-001T



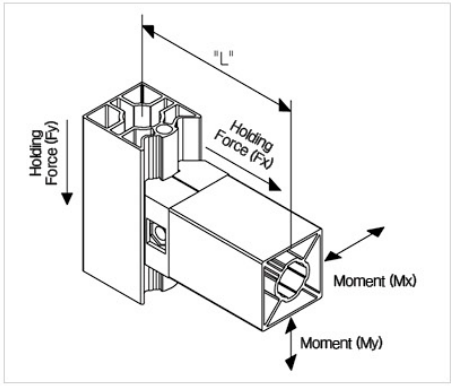
Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	40
	My	80

DA-001



Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	100
	My	120

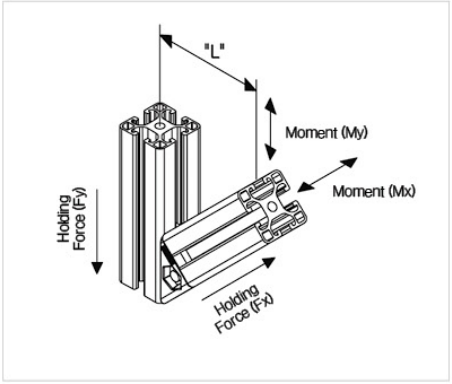
EA-001



Holding Force (kgf)	Fx	100
	Fy	200
Moment (kgf) (L=110mm)	Mx	100
	My	120

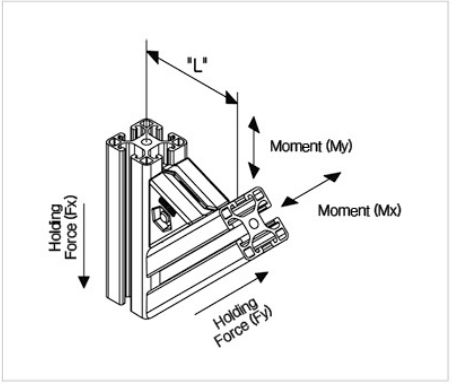
JOINT HOLDING FORCE & MOMENT

QA-413



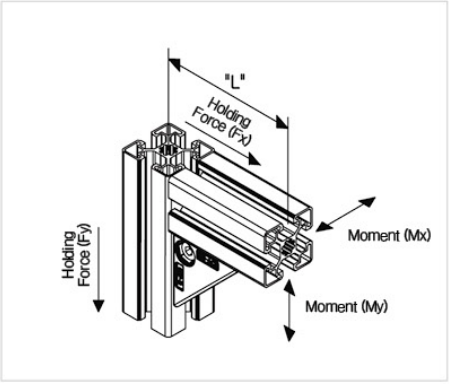
Holding Force (kgf)	Fx	80
	Fy	200
Moment (kgf) (L=110mm)	Mx	50
	My	200

QA-445



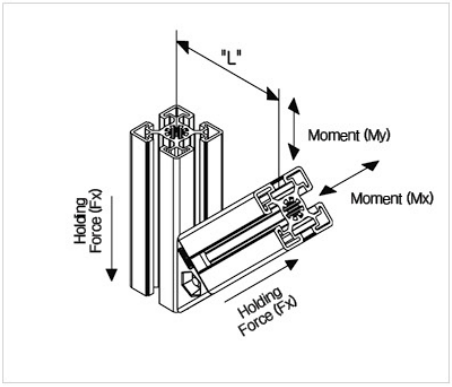
Holding Force (kgf)	Fx	200
	Fy	400
Moment (kgf) (L=110mm)	Mx	100
	My	300

QA-490



Holding Force (kgf)	Fx	400
	Fy	400
Moment (kgf) (L=110mm)	Mx	100
	My	300

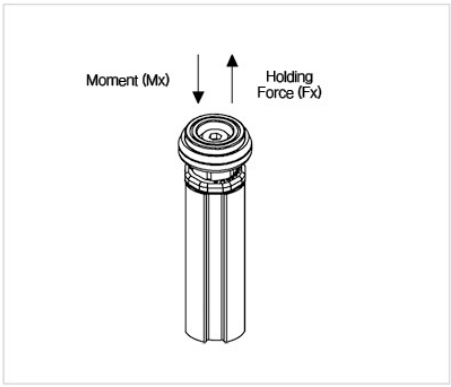
QA-513



Holding Force (kgf)	Fx	150
	Fy	200
Moment (kgf) (L=110mm)	Mx	60
	My	180

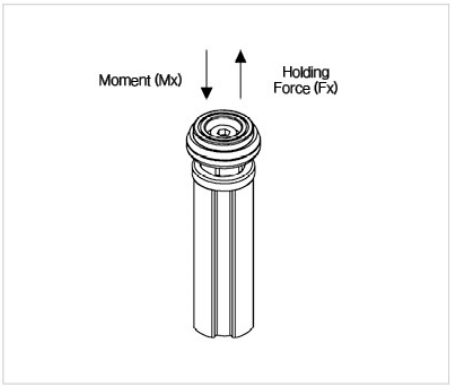
TECHNICAL SPECIFICATIONS

BA2800A/B



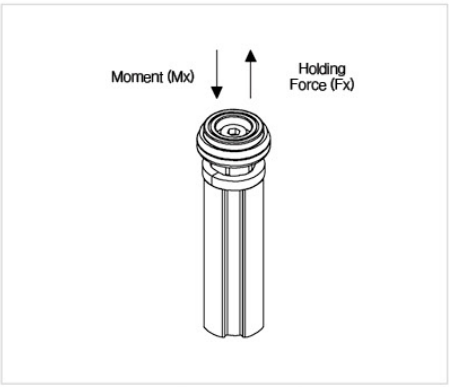
Holding Force (kgf)	Fx	80
Moment (kgf)	Mx	1,000

BA280LA/B/D/E



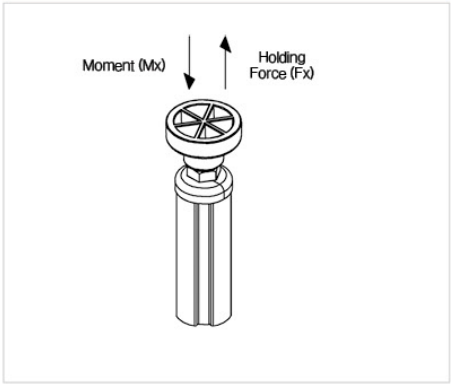
Holding Force (kgf)	Fx	80
Moment (kgf)	Mx	1,000

BP2800H



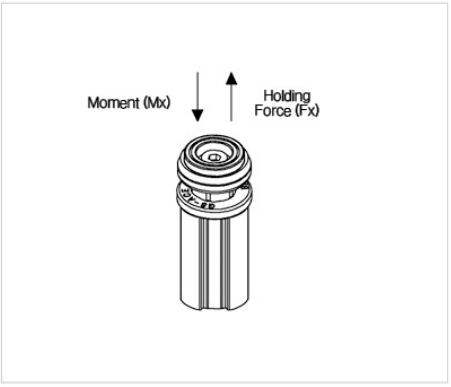
Holding Force (kgf)	Fx	50
Moment (kgf)	Mx	300

BP1900H



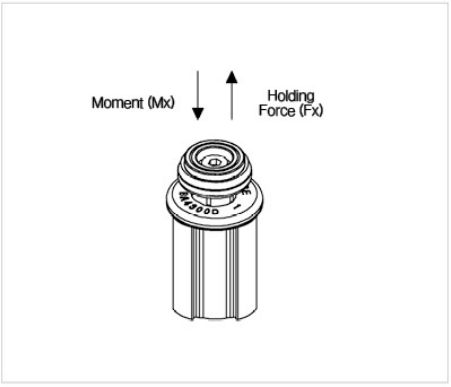
Holding Force (kgf)	Fx	20
Moment (kgf)	Mx	300

BA3300A/B/D



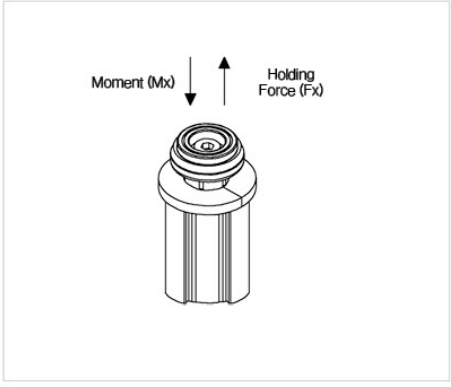
Holding Force (kgf)	Fx	80
Moment (kgf)	Mx	1,000

BA4300A/B/D



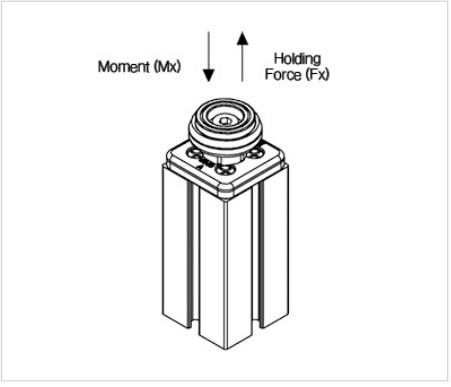
Holding Force (kgf)	Fx	80
Moment (kgf)	Mx	1,000

BP4300H



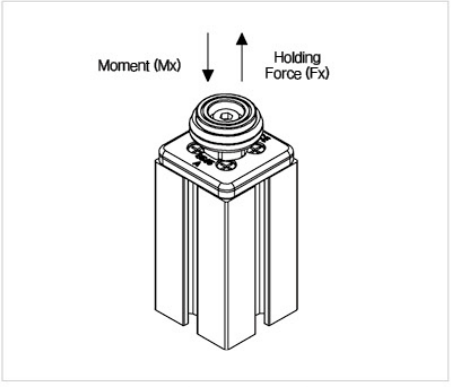
Holding Force (kgf)	Fx	80
Moment (kgf)	Mx	700

BA4040A/B/JA/JB/JE



Holding Force (kgf)	Fx	1,200
Moment (kgf)	Mx	1,000

BA4545A/B

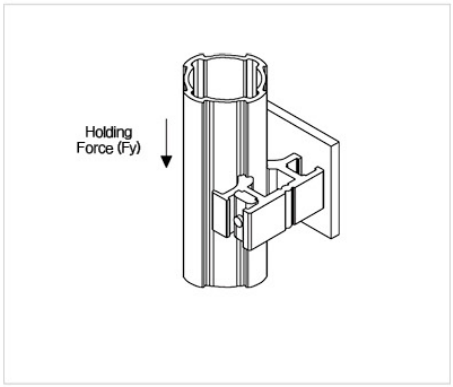


Holding Force (kgf)	Fx	1,200
Moment (kgf)	Mx	1,000

TECHNICAL SPECIFICATIONS

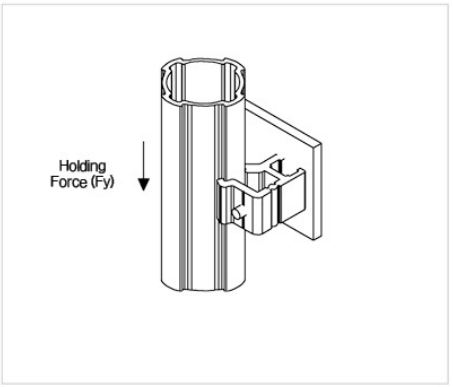
JOINT HOLDING FORCE & MOMENT

ABS-0530



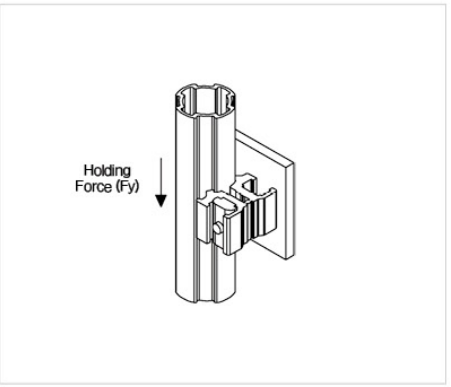
Holding Force (kgf)	Fy	50

ABS-4320A/C/D/E



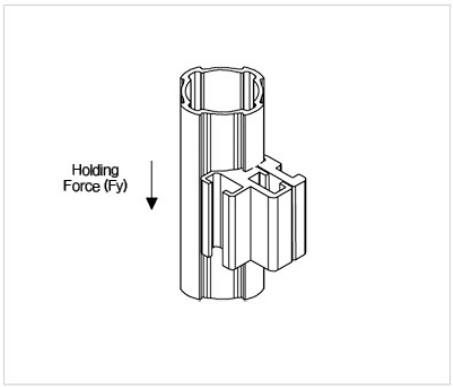
Holding Force (kgf)	Fy	50

ABS-620



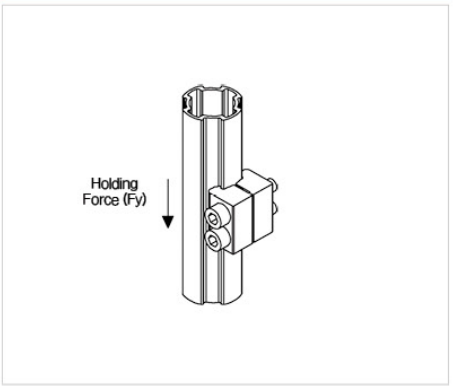
Holding Force (kgf)	Fy	50

ACHA-6040A



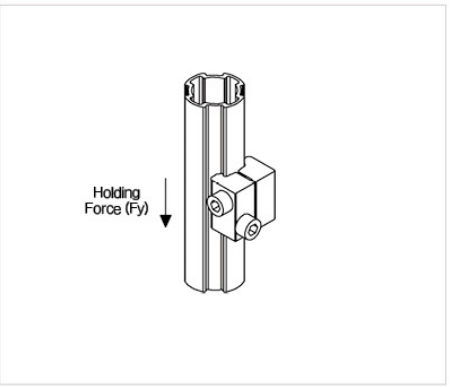
Holding Force (kgf)	Fy	50

ACPA-H6026A



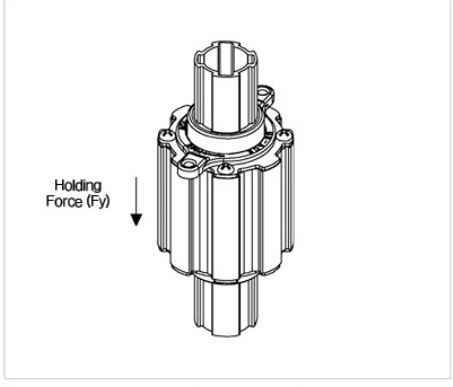
Holding Force (kgf)	Fy	200

ACPA-V6026A



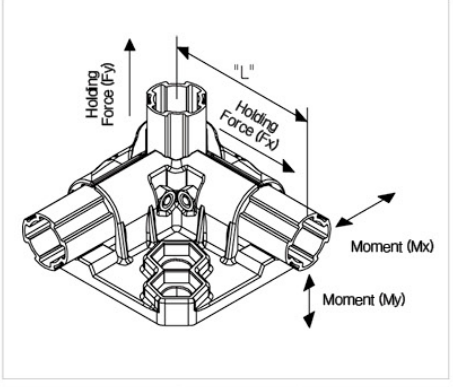
Holding Force (kgf)	Fy	100

ACA-309A



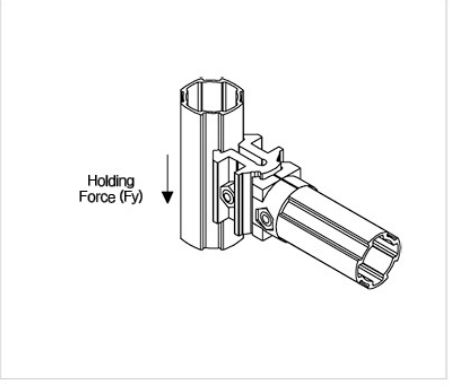
Holding Force (kgf)	Fy	1,000

ACBA-828A



Holding Force (kgf)	Fx	80
	Fy	200
Moment (kgf) (L=110mm)	Mx	60
	My	120

ACY318A/B

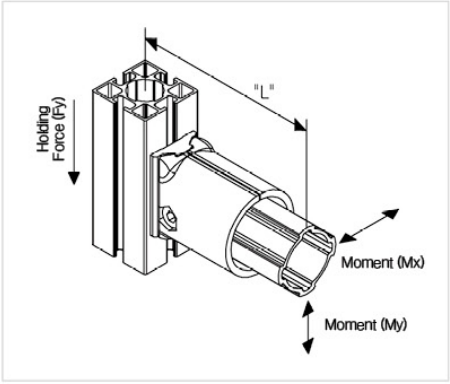


Holding Force (kgf)	Fy	40

TECHNICAL SPECIFICATIONS

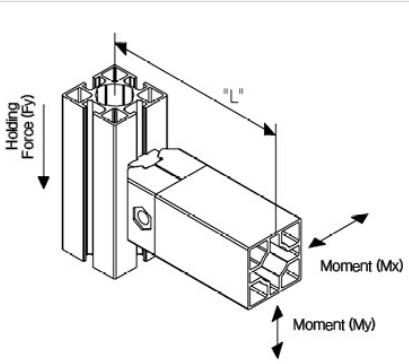
JOINT HOLDING FORCE & MOMENT

SA052A/033A



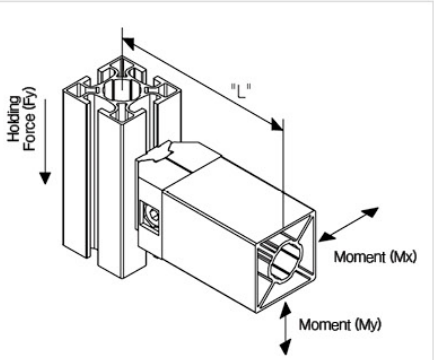
Holding Force (kgf)	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	120

SA640A/628A



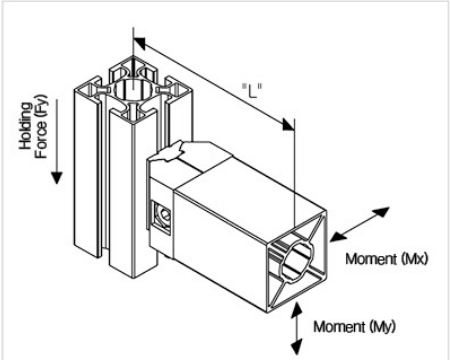
Holding Force (kgf)	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	120

SA845A



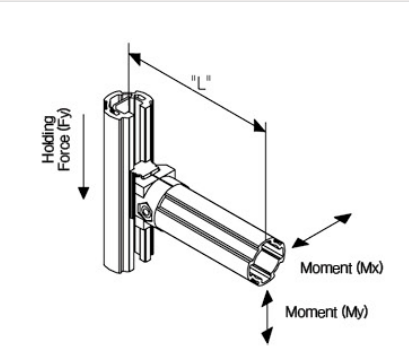
Holding Force (kgf)	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	120

SA845B



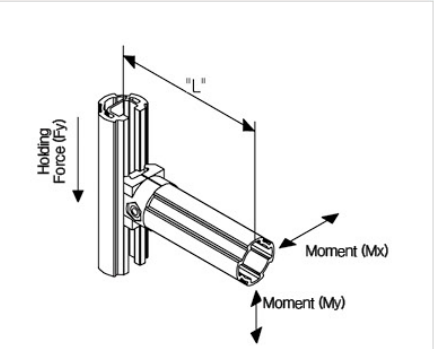
Holding Force (kgf)	Fy	80
Moment (kgf) (L=110mm)	Mx	60
	My	100

SA830C



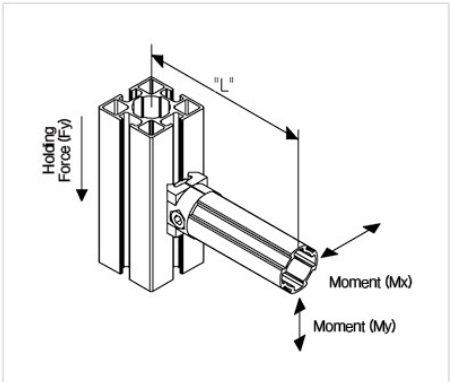
Holding Force (kgf)	Fy	80
Moment (kgf) (L=110mm)	Mx	40
	My	50

SA822C



Holding Force (kgf)	Fy	50
Moment (kgf) (L=110mm)	Mx	40
	My	100

SA622A/822A



Holding Force (kgf)	Fy	50
Moment (kgf) (L=110mm)	Mx	40
	My	40

TECHNICAL SPECIFICATIONS

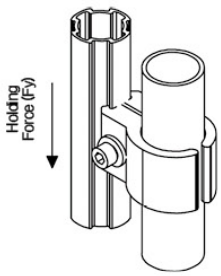
JOINT HOLDING FORCE & MOMENT

AFU-28A/C/S



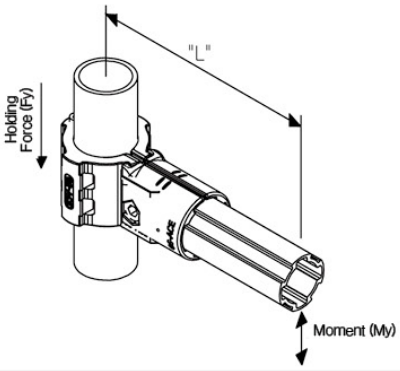
Holding Force (kgf)	Fx	40

APHA-3027



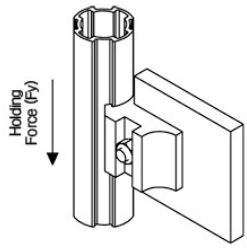
Holding Force (kgf)	Fy	80

APHA-633N



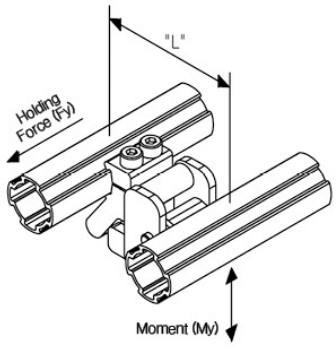
Holding Force (kgf)	Fy	30
Moment (kgf)	Mx	120

B-017A-08



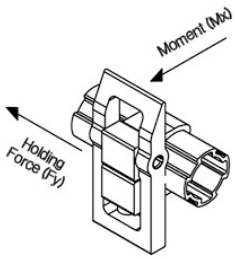
Holding Force (kgf)	Fy	30

LAD-A



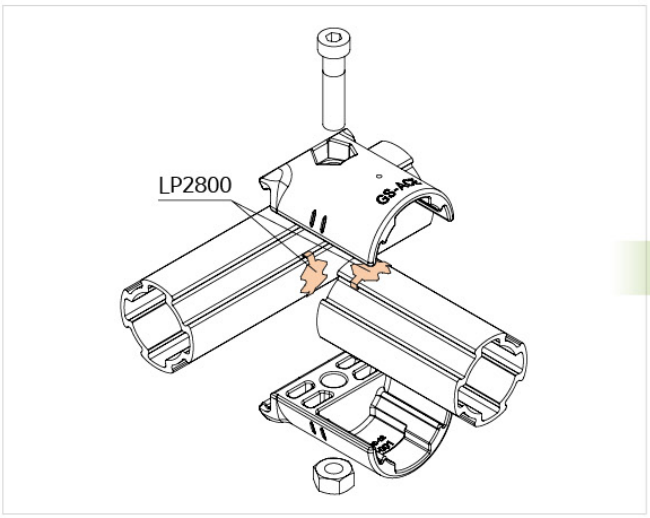
Holding Force (kgf)	Fy	200
Moment (kgf)	Mx	100

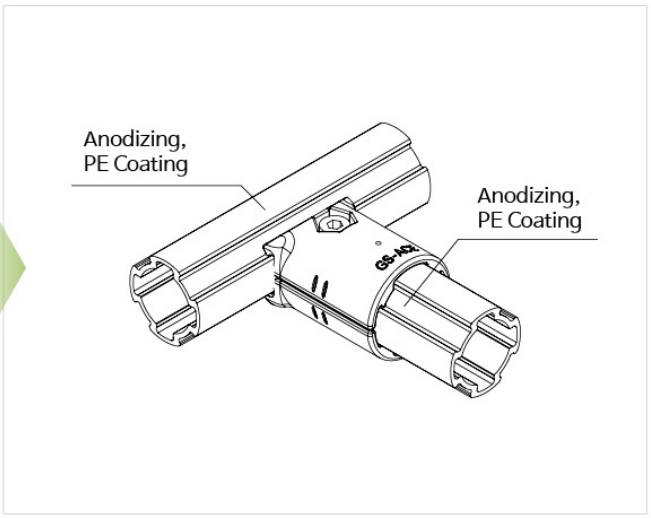
AOS-28A



Holding Force (kgf)	Fy	80
Moment (kgf)	Mx	300

ELF PLATE (MANUAL FOR LP2800)





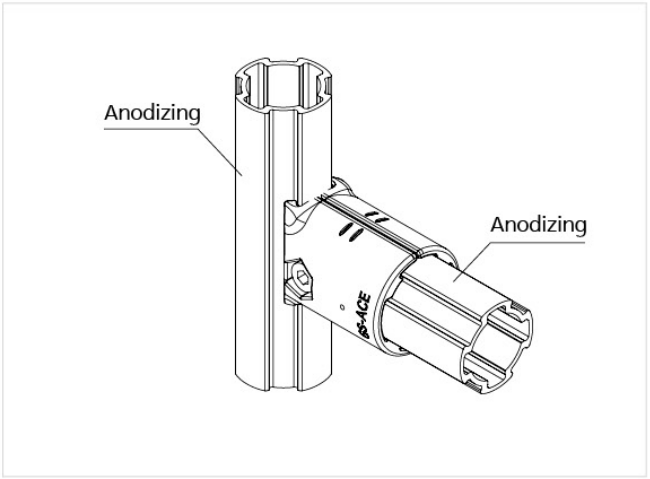
Conductive Area

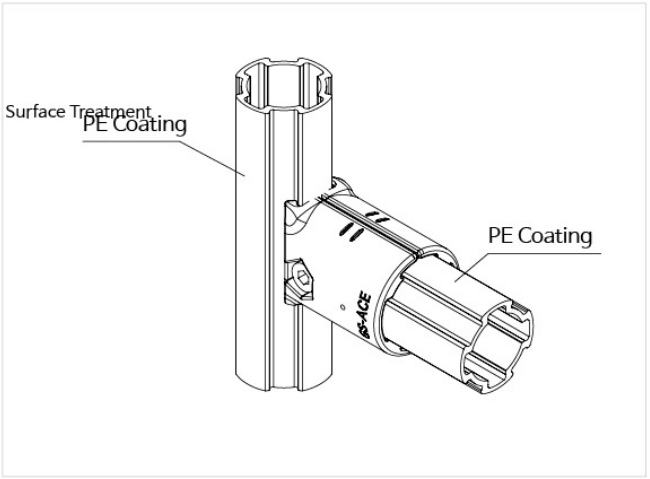
(Ω) 10^0 10^3 10^4 10^6

After assembling ELF Plate

※ If conductivity is needed, ELF Plate should be assembled with all kind of AL Joint

※ ELF Plate : LP2800





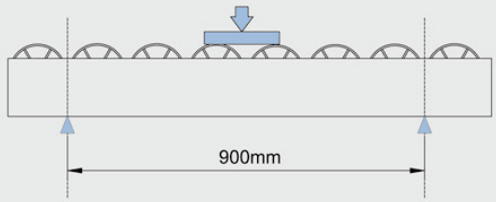
Antistatic Area (Static Prevention) Insulation Area

(Ω) 10^9 10^{10} 10^{11} (Ω) 10^{12} ↑

Surface Treatment : Anodizing

Surface Treatment : PE Coating

BENDING STRENGTH FOR ROLLER TRACK



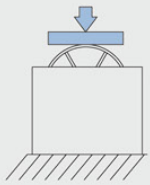
Test Condition

1. Test Speed : 5mm / min
2. Temperature : 23℃

Unit: Kgf

Model	Load
35 Serise	80
40 Serise	150
60 Serise	100
85 Serise	300

COMPRESSION STRENGTH OF WHEEL SUBASSEMBL



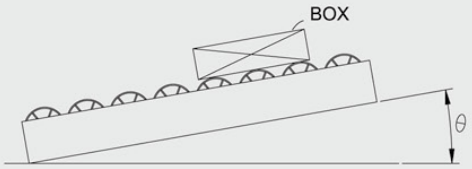
Test Condition

1. Test Speed : 5mm / min
2. Temperature : 23℃

Unit: Kgf

Model	Load
35 Serise	100
40 Serise	150
60 Serise	200
85 Serise	300

ANGLE RECOMMENDED FOR CONSISTENT

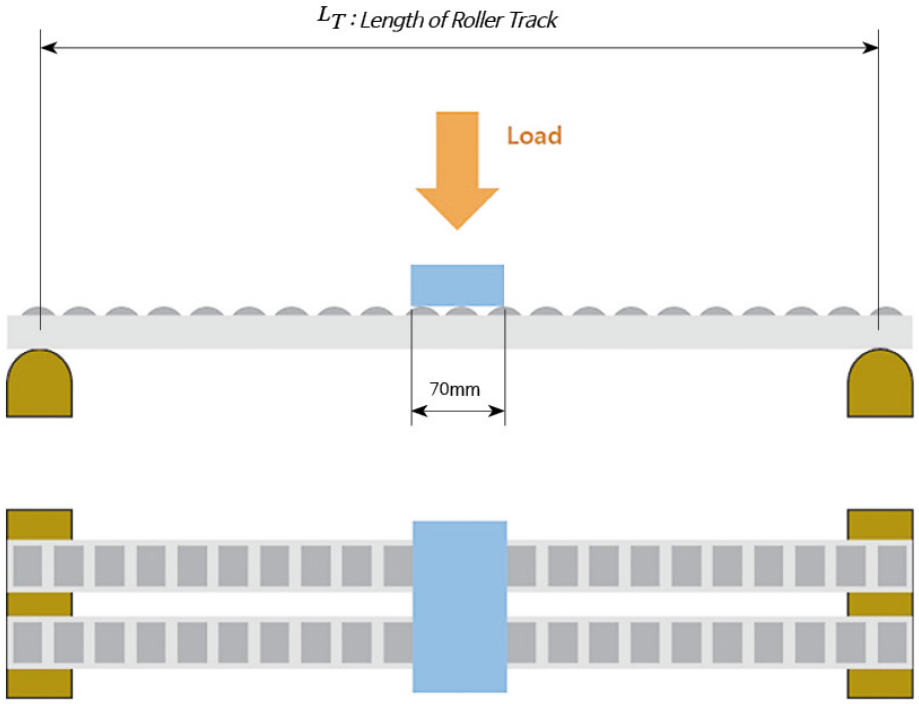


Test Condition

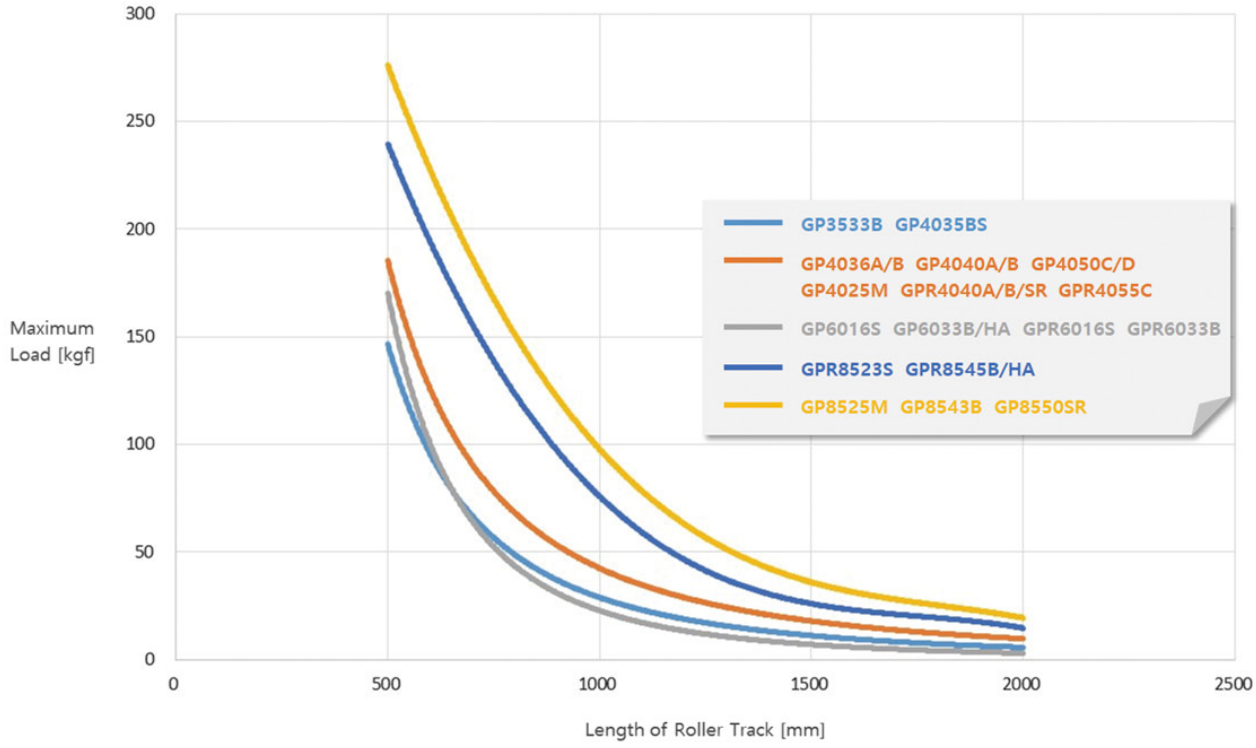
1. Box Weight : 1.6 kg
2. Temperature : 23℃

Model	Load
35 Serise	2.5 °
40 Serise	2.0 °
60 Serise	2.5 °
85 Serise	2.5 °

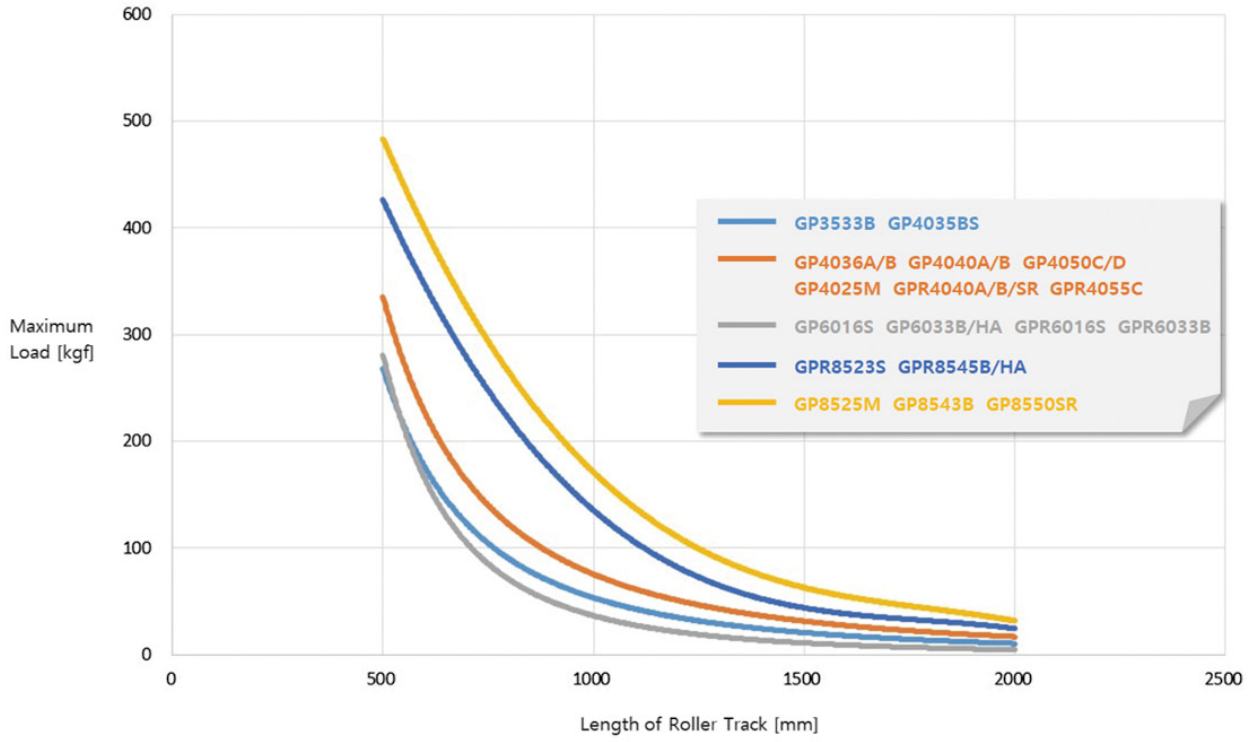
ROLLER TRACK MAXIMUM LOAD(GI-BODY)



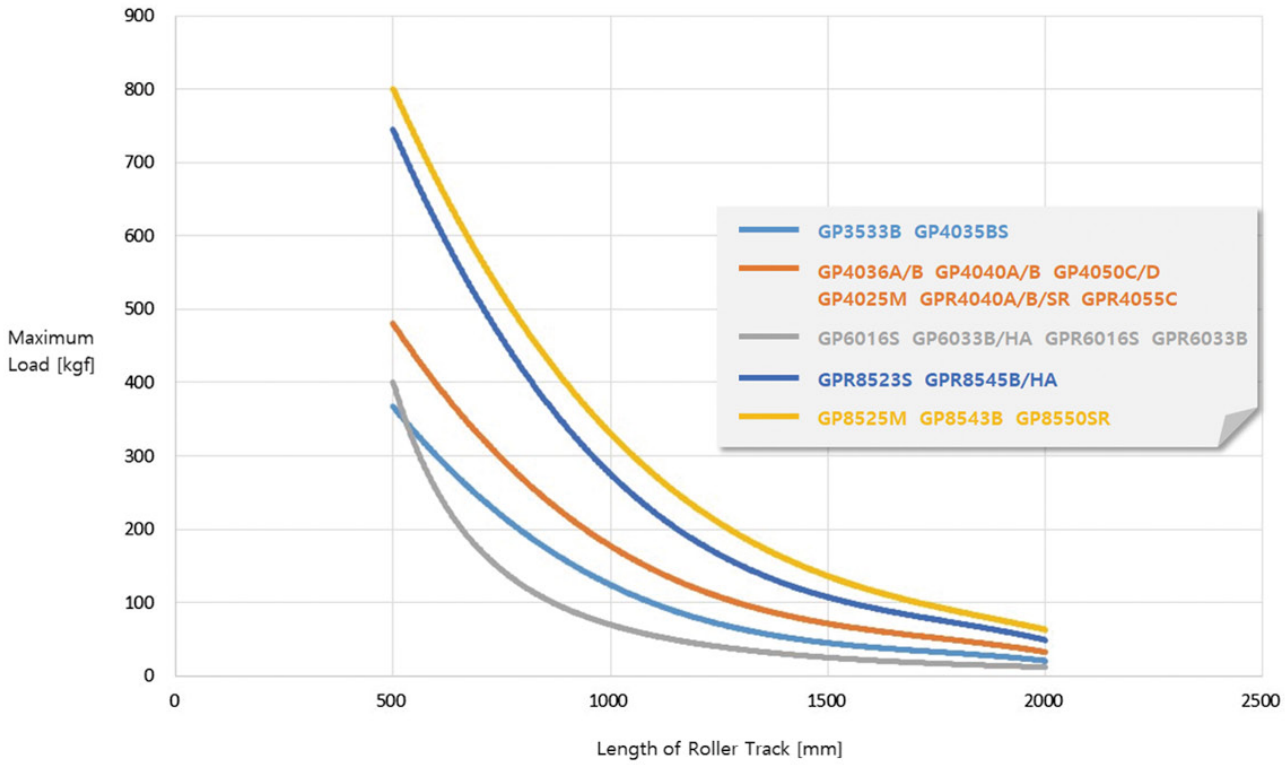
■ 3 mm Deflection allowed condition (for 2 parallel Roller Track)



■ 5 mm Deflection allowed condition (for 2 parallel Roller Track)

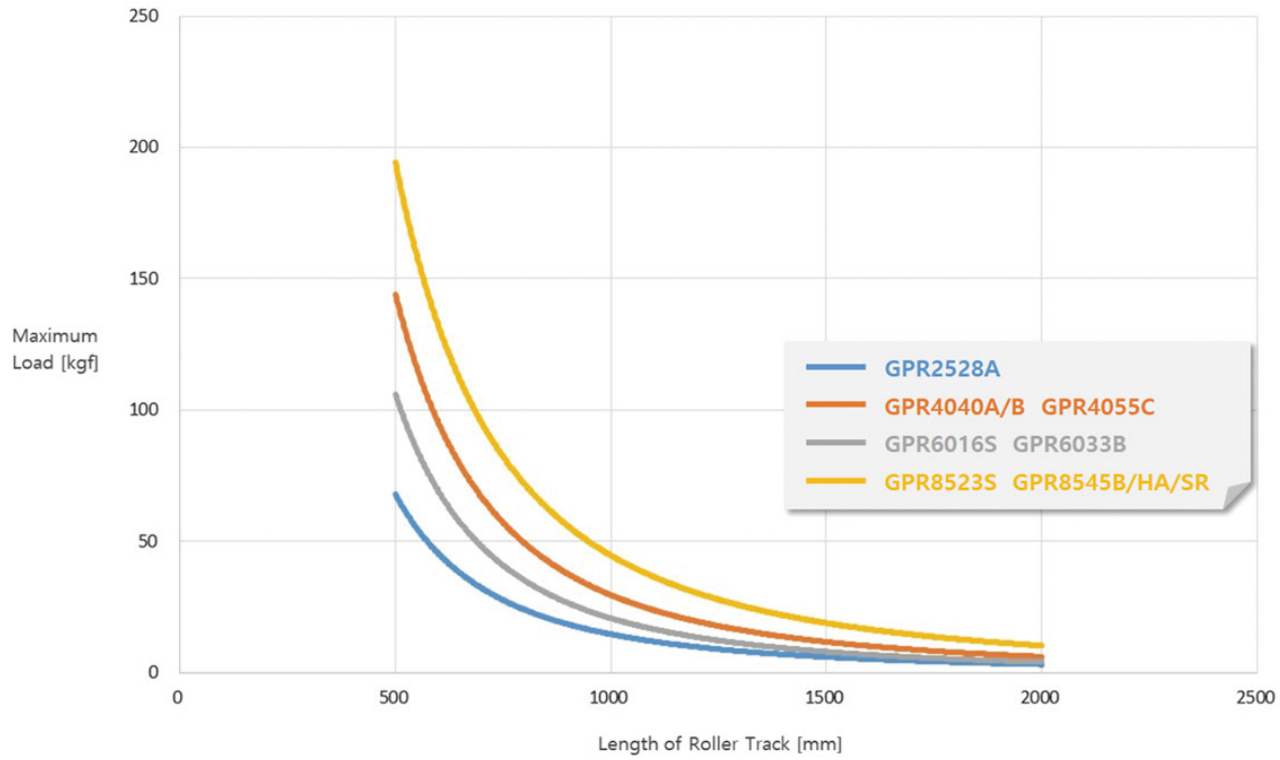


■ 10 mm Deflection allowed condition (for 2 parallel Roller Track)

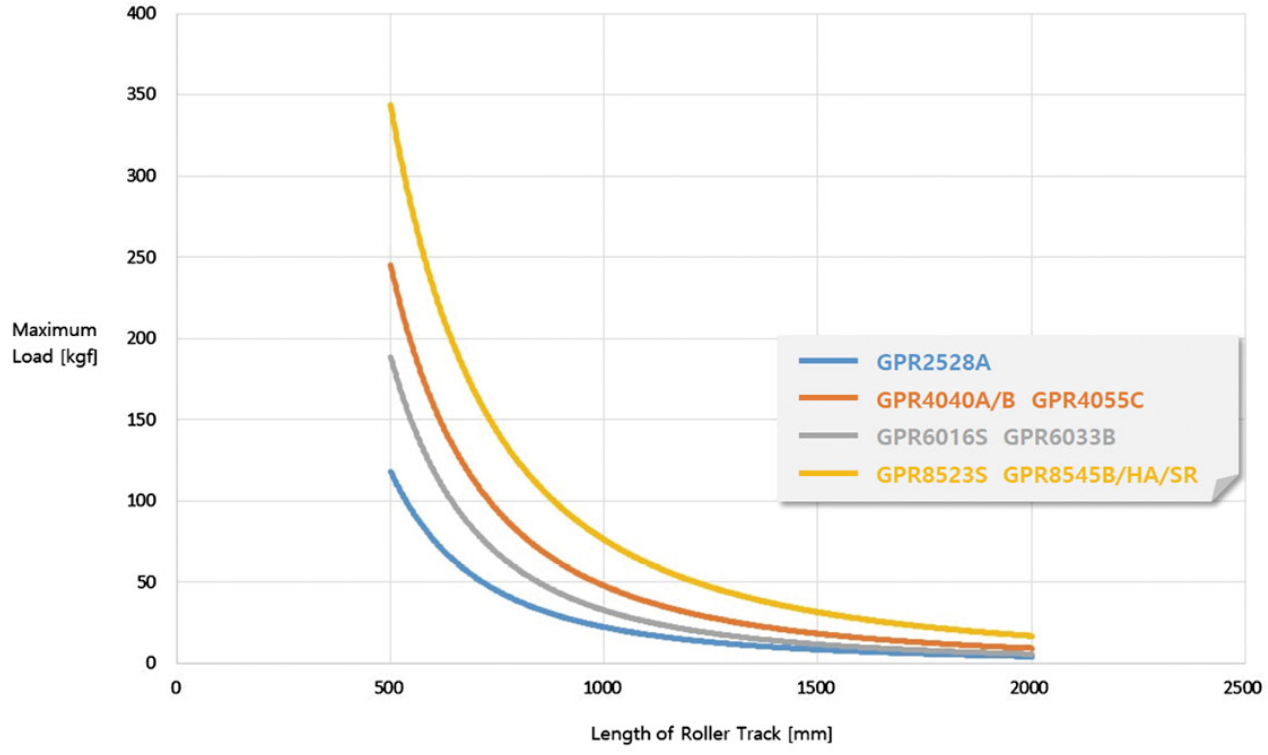


ROLLER TRACK MAXIMUM LOAD(AL-BODY)

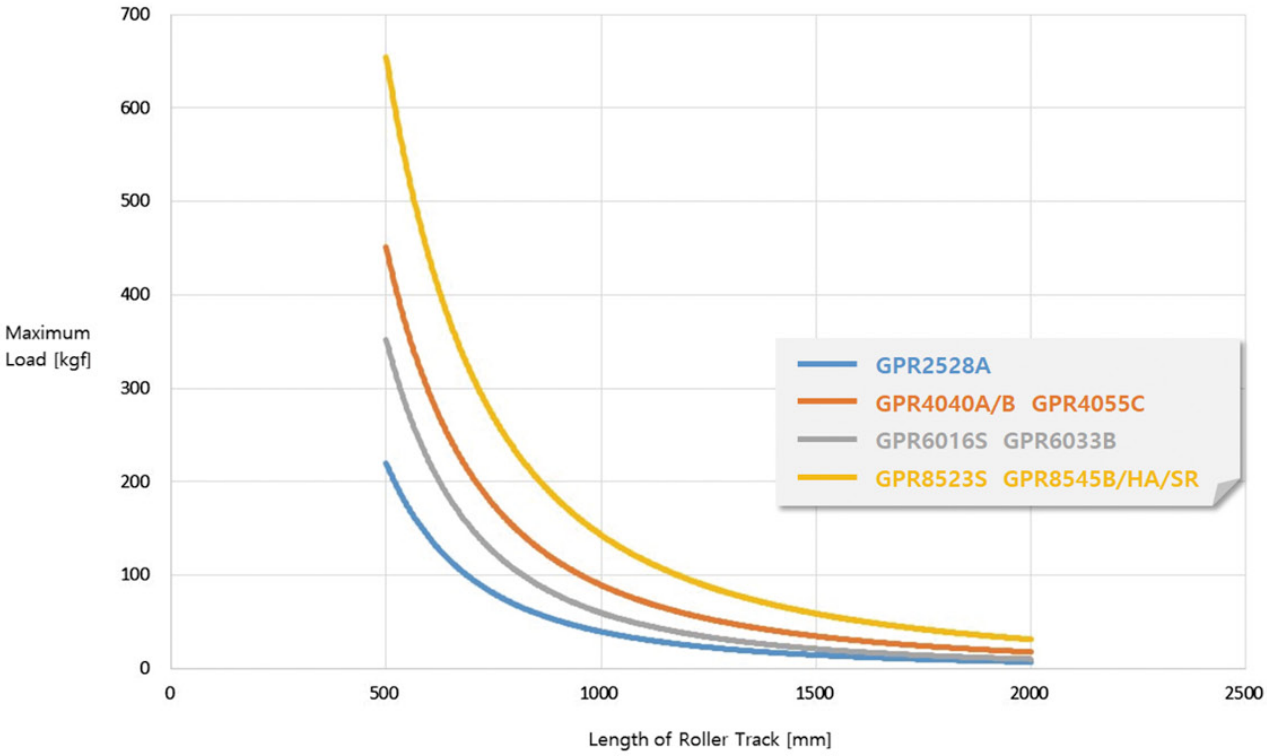
■ 3 mm Deflection allowed condition (for 2 parallel Roller Track)



■ 5 mm Deflection allowed condition (for 2 parallel Roller Track)



■ 10 mm Deflection allowed condition (for 2 parallel Roller Track)

























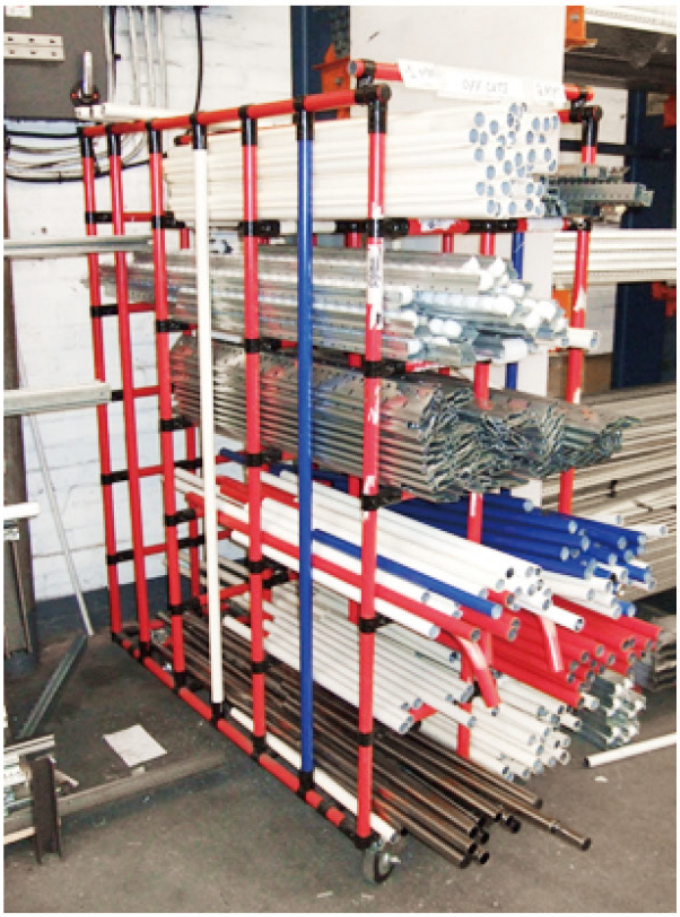

QUALITY
DELIVERY
WCP
2B


CELL
1
CELL
2


XB15
ATO












ocado


ocado


Together


GLUEING

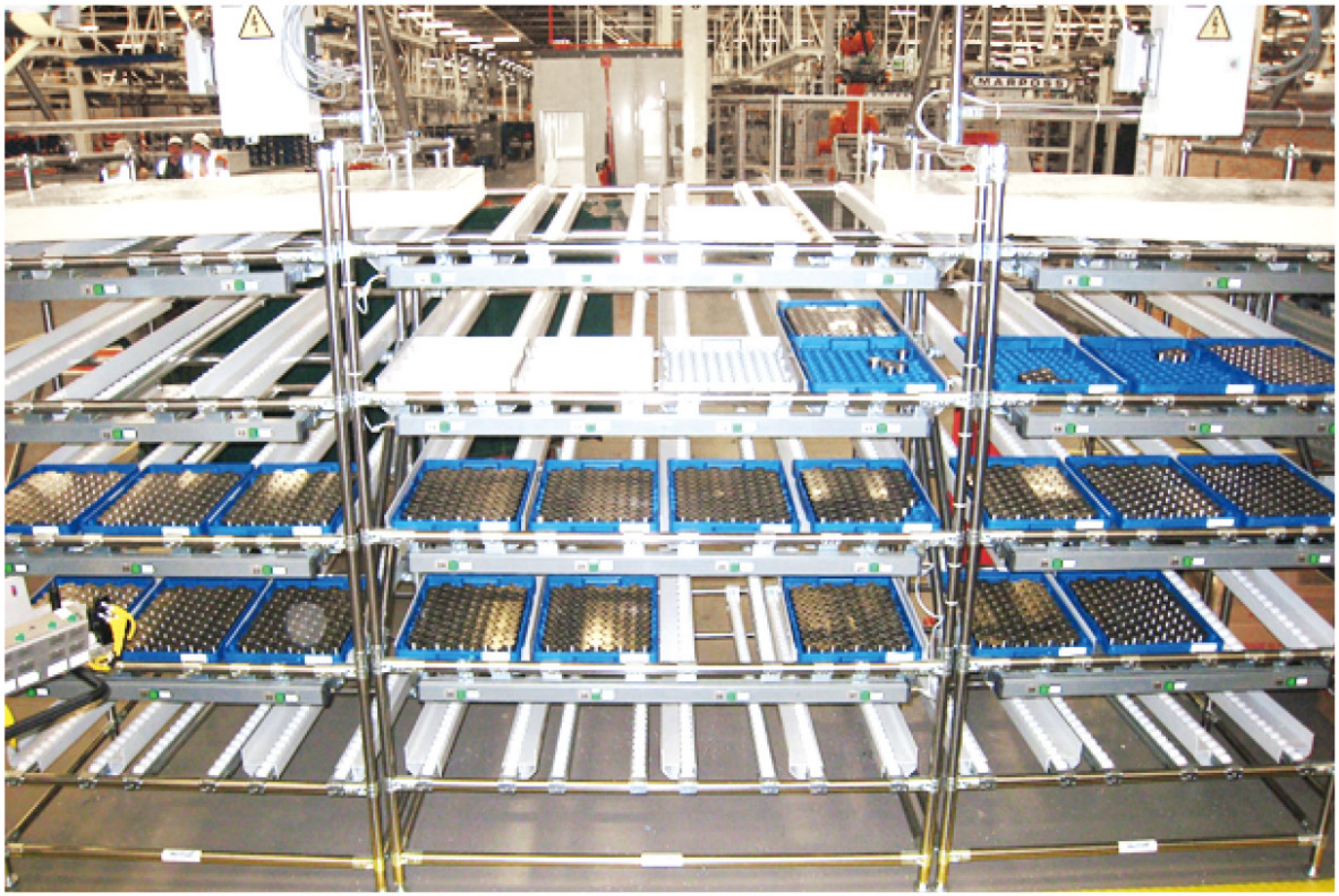

L359
AB
L359
AB
L538
L538




E-GPC
E-GPC
Wire Harness
Sequence
Empty Box Location









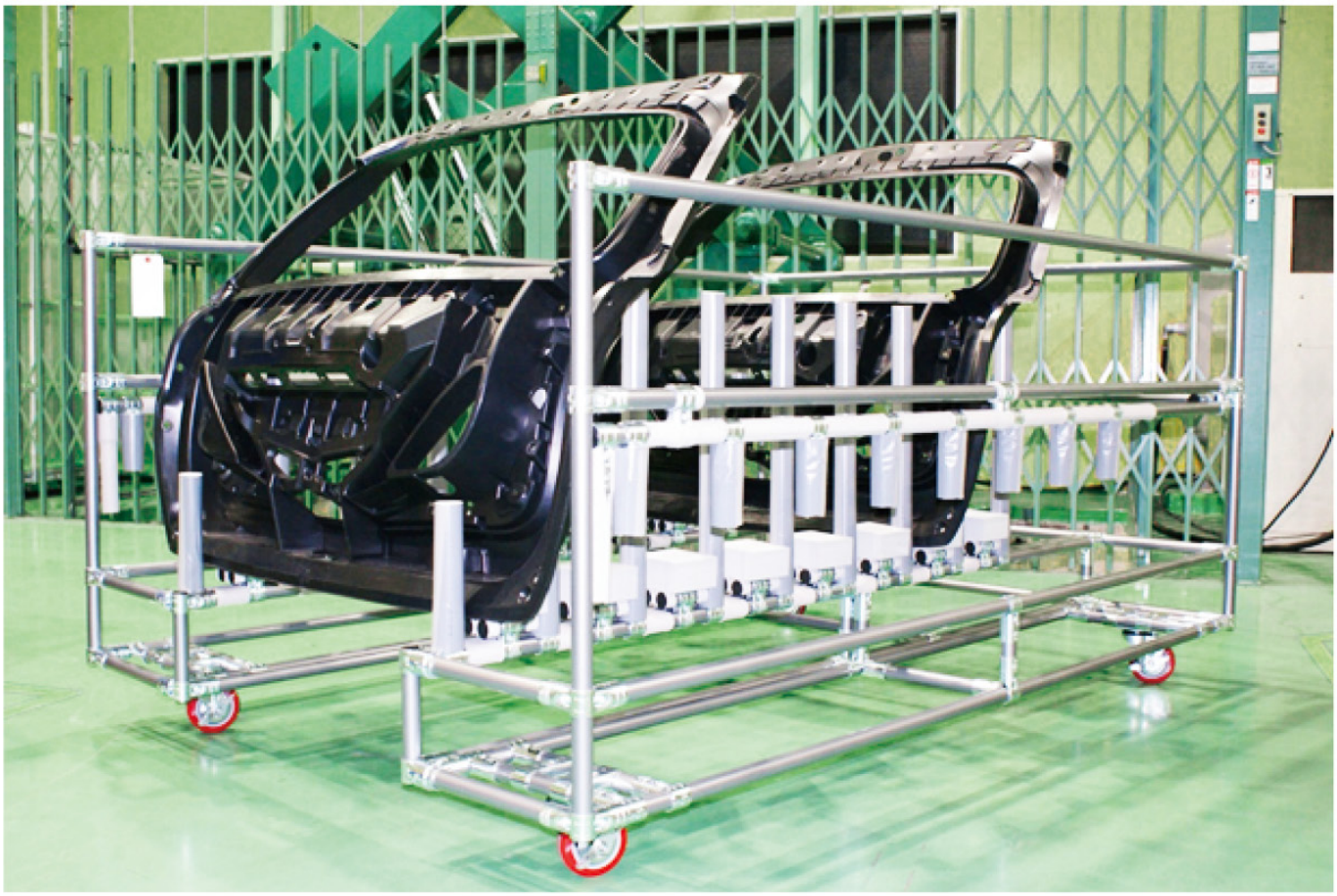








EXAMPLES EXAMPLES FOR CART






Rebin Cart No.24
Rebin Cart No.284


Rebin Cart No.98
coupang








30th
SHERPA
사단법인
한국목조건축협회
회원사
5 STAR









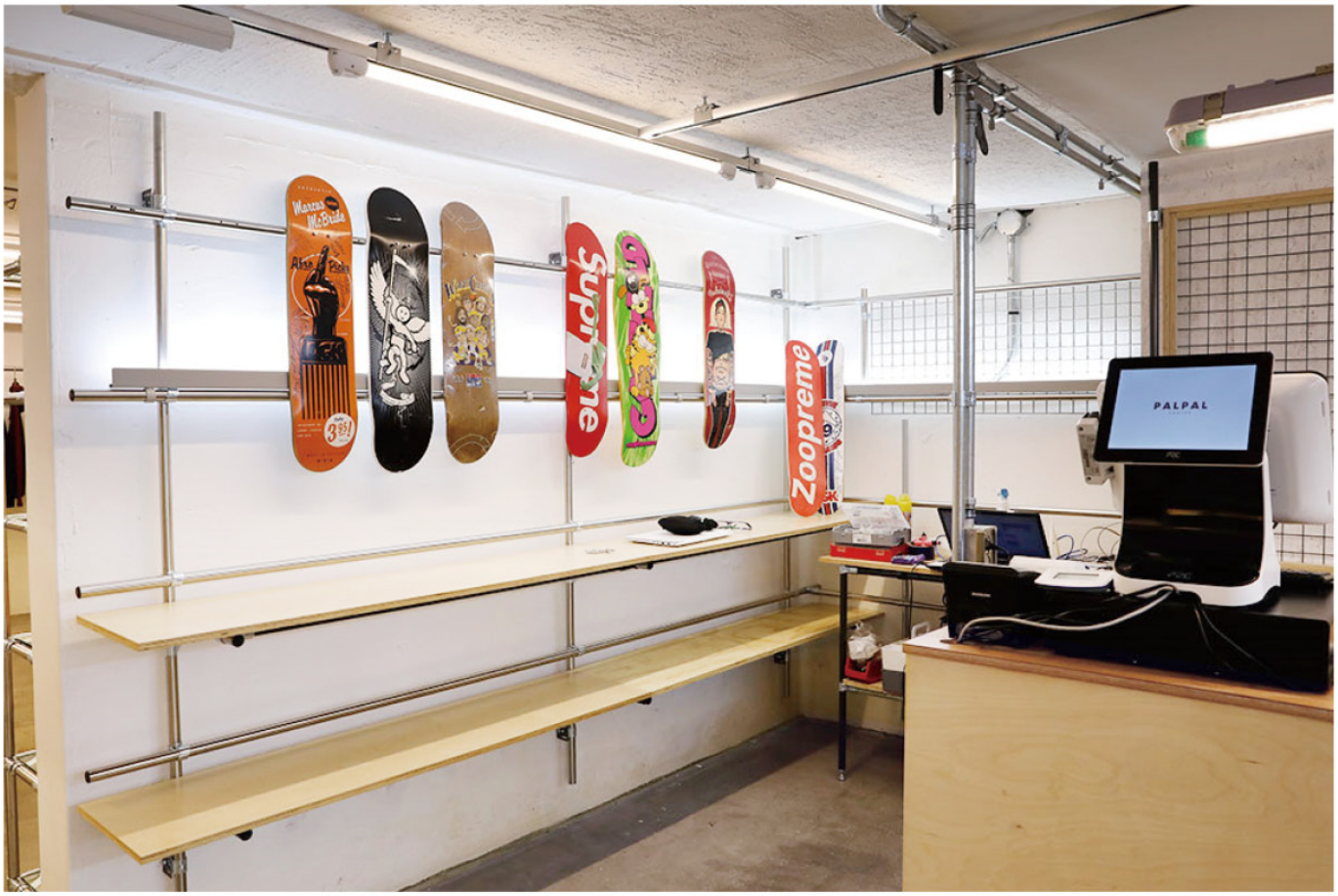











Marcus McBride
supreme
Zoopreme
PALPAL





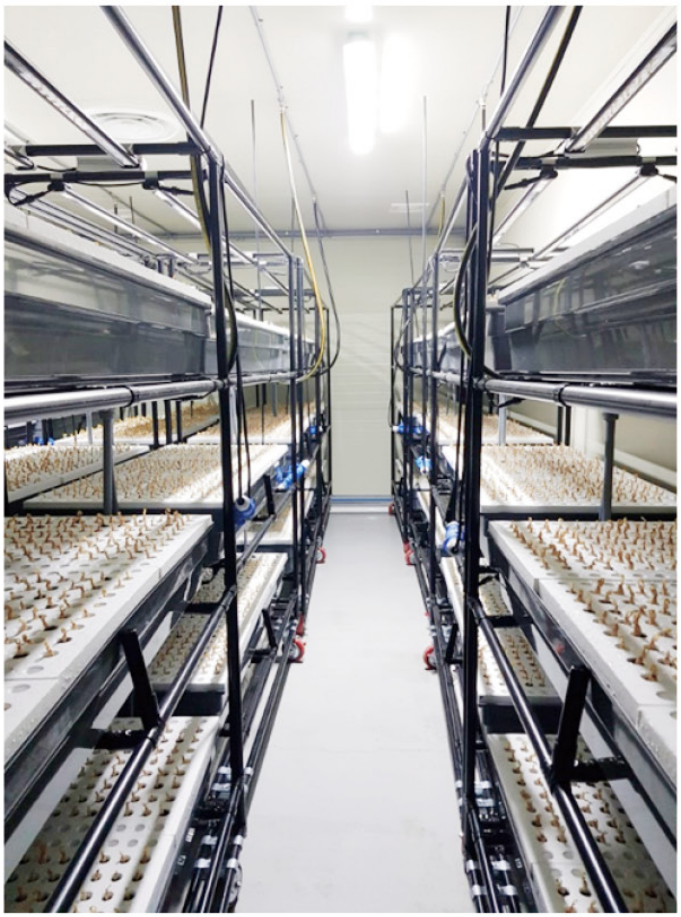

Auto Life With Us


BEEcycle

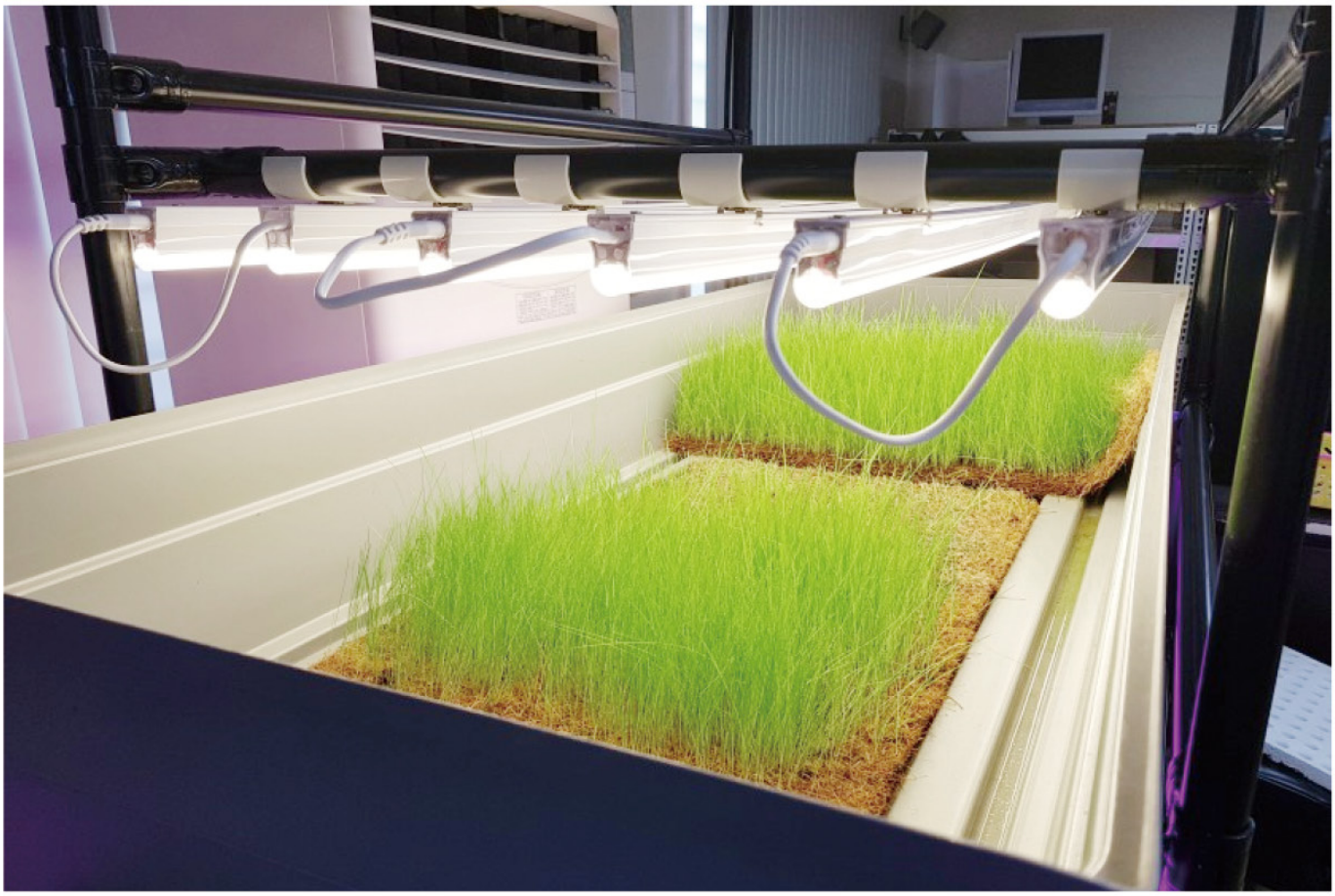

假設


假設


















THE ALPHA COURSE
explore the meaning of life
alpha.org
Alpha
For details contact:


CLOSE
CAUTION
CUIDADO
VORSICHT


PCB FINAL ASSEMBLY & WAREHOUSE
BULLETIN BOARD


















Return






WHY ?
WHY
WHY
WHY
WHY


























BEEWATEC






斯尔丽
斯尔丽
即将开业 敬请期待
NEW OPEN


即将开业 敬请期待
NEW OPEN

INDEX

Part No.	Part Name (KR)	Page
	A	
A-001C	Single Tee Joint (For Round Pipe)	61
A-003	Outer Elbow Joint	61
A-004	Straight Joint	61
A-007B	Swivel Joint (Angle Adjust & Fix)	62
A-007C	Swivel Joint (Angle Adjustable)	62
A-007D	Swivel Joint (Rotation, Angle Adjustable)	62
A-009	Double Tee Joint	63
A-013L	45 ° Joint	63
A-013R	45 ° Joint	63
A-021	Single Tee Joint	63
A-023	Stop Joint	63
A-028	Parallel Joint	64
A-090	90 ° Elbow Joint	64
A-101	Single Tee Joint	64
A-104	Profile Joint	123
A-120	120 ° Angle Joint	65
A-135	135 ° Angle Joint	65
A-150	150 ° Angle Joint	65
A-1901	Single Tee Joint for Φ19+Φ19	104
A-1902	Single Tee Joint for Φ28+Φ19	104
A-1909	Parallel Joint Assembly for Φ28+Φ19	104
A-1923	Ø19 Stopping Joint	104
A19-N303	Board Holder	109
A-201	Single Tee Joint	64
A-204	Stand Joint for Φ28 Pipe	65
A28-301A	Gas Spring Bracket	73
A28-301B	Gas Spring Bracket	73
A28-304A	Aluminum Panel Bracket	132
A28-305A	Aluminum Bracket for Ø28	73
A28-305B	Aluminum Bracket for Ø28	73
A28-A301	Gas Spring Bracket Assembly	73
A28-A305	Aluminum Bracket for Ø28	73
A28-A306	AL Pipe Rest	73
A28-N302	AL Board Support (Outside)	74
A28-N303	AL Board Support (Inside)	74
A-301	Single Tee Joint	113
A-304	Supports for Columns (Pipe Angle Adjustable)	66
A-401	Single Tee Joint	117
A-401C	Single Tee Joint (Pipe Angle Adjustable)	117
A-401W	Single Tee Joint (Heavy Duty)	117
A40-304A	Board Support	147
A40-305A	Board Support	147
A40-306A	Foundation Bracket	157
A40-309A	Aluminum Panel Bracket (Only 40X40)	157
A40-310A	Threaded Insert Bracket	145, 157
A40-310B	Threaded Insert Bracket	145, 157
A-407B	Swivel Joint (Angle Adjust & Fix)	117
A40-N303	Board Support for 40x40	146
A-413L	45 ° Joint	118
A-413R	45 ° Joint	118
A-421	Single Tee Joint (Heavy Duty)	118
A43-N301	Aluminum Stanchion Mount	124
A43-N302	Board Support for Φ43	121
A43-N303	Board Support for Φ43	121
A45-309A	Aluminum Panel Bracket (Only 45X45)	158
A45-310A	Threaded Insert Bracket (Only 45X45)	152, 158
A45-310B	Threaded Insert Bracket (Only 45X45)	152, 158
A45-A301	Aluminum Pivot Joint (Only 45X45)	158
A45-A302	Sliding Door Guide Ass'y (Only 45X45)	158
A-490	90 ° Elbow Joint	118
AA-001	Single Tee Joint Assembly	61
AA-001C	Single Tee Joint Assembly (For Round Pipe)	61
AA-002	Elbow Joint Assembly	61
AA-004	Straight Joint Assembly	61

Part No.	Part Name (KR)	Page
AA-007F	Swivel Joint Assembly (Rotation, Angle Adjust & Fix)	62
AA-007R	Swivel Joint Assembly (Rotation, Angle Adjustable)	62
AA-009	Double Tee Joint Assembly	63
AA-013	45 ° Joint Assembly	63
AA-021	Single Tee Joint Assembly	63
AA-023	Stop Joint Assembly	63
AA-027F	Swivel Joint Assembly (Angle Adjust & Fix)	62
AA-027M	Swivel Joint Assembly (Angle Adjustable)	62
AA-028	Parallel Joint Assembly	64
AA-090	90 ° Elbow Joint Assembly	64
AA-101	Single Tee Joint Assembly	64
AA-104	Profile Joint Assembly	123
AA-120	120 ° Angle Joint Ass'y	65
AA-135	135 ° Angle Joint Ass'y	65
AA-150	150 ° Angle Joint Ass'y	65
AA-1901	Single Tee Joint Assembly for Φ19+Φ19	104
AA-1902	Single Tee Joint Assembly for Φ28+Φ19	104
AA-1909	Double Tee Joint Assembly for Φ19+Φ19	104
AA-1923	Ø19 Stopping Joint	104
AA-201	Single Tee Joint Assembly	64
AA-204	Stand Joint Ass'y for Φ28 Pipe	65
AA-301	Single Tee Joint Assembly	113
AA-304	Supports for Columns Assembly (Pipe Angle Adjustable)	66
AA-401	Single Tee Joint Assembly	117
AA-401C	Single Tee Joint A'ssy (Pipe Angle Adjustable)	117
AA-401W	Single Tee Joint Assembly (Heavy Duty)	117
AA-407F	Swivel Joint Assembly (Angle Adjust & Fix)	117
AA-413	45 ° Joint Assembly	118
AA-421	Single Tee Joint Assembly (Heavy Duty)	118
AA-490	90 ° Elbow Joint Assembly	118
ABRA-32	Aluminum Bearing Pulley (Heavy Duty)	271
ABS-0530	Board Support for Φ43	121
ABS-4040A	Plastic Board Support for 40x40	146
ABS-4320A	Board Support for Φ43	122
ABS-4320C	Board Support for Φ43	122
ABS-4320D	Board Support for Φ43	122
ABS-4320E	Board Support for Φ43	122
ABS-600SA	Board Support 4MT	74
ABS-620	Board Support	74
AC2809A	Thread Insert	278
AC2809B	Thread Insert	278
AC2809N	Aluminum Cap	279
AC2814A	Thread Insert	278
AC2814B	Thread Insert	278
AC2814N	Aluminum Cap	279
ACA-2060A	Link Guide Unit	79
ACA-2080A	Link Guide Unit	79
ACA-3060A	Link Guide Unit	80
ACA-3060HA	Link Guide Unit (Spring Type)	80
ACA-3080A	Link Guide Unit	80
ACA-3080HA	Link Guide Unit	80
ACA-308A	Decelerator	189
ACA-308B	Decelerator	189
ACA-308C	Decelerator	189
ACA-309A	One Way Clutch	77
ACA-315A	Joint Coupling Clamp	78
ACA-319A	Hinge Unit	88
ACA-321A	AL Rotary Damper	77
ACA-325A	Ø28 Hanger	132
ACY-326A	Ø28 Cable Clamp	132
ACA-4060A	Link Guide Unit	79
ACA-4080A	Link Guide Unit	79
ACBA-B28A	AL Corner Base Assembly	82
ACBA-B28B	AL Corner Base Assembly	82
ACB-B28A	AL Corner Base	82

INDEX

Part No.	Part Name (KR)	Page
ACB-B28B	AL Corner Base	82
ACB-G28A	AL Corner Base	82
ACD-B	Cable Duct	83
ACF2812	Φ28 Flat Pipe	56
ACH-6040A-L	AL Component Holder	126
ACH-6040A-R	AL Component Holder	126
ACHA-6040A	AL Component Holder Assembly	126
ACM-400	AL Caster Mount	81
ACM-500	AL Caster Mount	82
ACM-500-S	AL Caster Mount (For Aid)	82
ACM-510	AL Caster Mount	82
ACM-600	AL Caster Mount	126
ACPA-H6026A	AL Connection Piece Assembly	84
ACPA-V5020A	Ø19 Parts connecting Holder	109
ACPA-V6026A	AL Connection Piece Assembly	84,166
ACP-H6026A-L	AL Connection Piece	84
ACP-H6026A-R	AL Connection Piece	84
ACPS-H6026A	Spring Shaft Assembly	84
ACP-V5020A-L	Ø19 Parts connecting Holder	109
ACP-V5020A-R	Ø19 Parts connecting Holder	109
ACP-V6026A-L	AL Connection Piece	84
ACP-V6026A-R	AL Connection Piece	84
ACY-303A	Roller Track Guide Bracket	75
ACY-303B	Roller Track Guide Bracket	75
ACY-311A	Panel Cover (For Corner)	87
ACY-312A	AL Sheet Guide (For Panel Cover)	87
ACY-313A	Panel Cover (For Outer Pipe)	87
ACY-313B	Panel Cover (For Inner Pipe)	87
ACY-314A	Cover for Pipe Roller Guide	100
ACY-315C	Plastic Leveling Foot (For M6 Bolt)	78
ACY-317A	Groove Cover	182
ACY-318A	Pipe Connecting Adapter	78
ACY-318B	Pipe Connecting Adapter	78
ACY-322A	Guide Rail	165
ACY-322B	Guide Rail Cover	165
ACY-322C	Guide Rail Connecting Joint	165
ACY-322D	Sprocket	166
ACY-322E	Chain Connecting Bracket	166
ACY-322F	Guide Rail Safety Cover (Left)	167
ACY-322G	Guide Rail Safety Cover (Right)	167
ACY-322H	Guide Rail Safety Cover (Top)	167
ACY-323A	AL Multi Connector	76
ACY-324A	AL Angle	92
ACY-A306	AL Roller Guide	76
ACY-N301	Plastic Cable Holder	83
AD25PA	Leveling Foot	110
AD1914	Ø19 Double Pipe	103
AD2812	Φ28 Heavy Duty Double Pipe	54
AD2812H	Φ28 Extra Heavy Duty Double Pipe	54
AD2829	Φ28 Extra Heavy Duty Double Pipe	54
AD30PA	Leveling Foot	276
AD32RA	Rubber Pad Leveling Foot	277
AD32RA-E	Rubber Pad Leveling Foot	277
AD32RA-EM	Rubber Pad Leveling Foot	277
AD32RA-M	Rubber Pad Leveling Foot	277
AD32RB	Rubber Pad Leveling Foot	277
AD32RB-E	Rubber Pad Leveling Foot	277
AD32RB-EM	Rubber Pad Leveling Foot	277
AD32WA	Leveling Foot	276
AD32WB	Leveling Foot	276
AD32WB-M	Leveling Foot	276
AD32WC	Leveling Foot	276
AD32WC-M	Leveling Foot	276
AD32WD	Leveling Foot	276

Part No.	Part Name (KR)	Page
AD35SA	Leveling Foot	277
AD35SB	Leveling Foot	277
AD40SPA	Rubber Leveling Foot	277
AD40SPA-E	Rubber Leveling Foot	277
AD40SPB	Rubber Leveling Foot	277
AD40SPB-E	Rubber Leveling Foot	277
AD4319	Φ43 Extra Heavy Duty Double Pipe	115
AD50RAN	Rubber Pad Leveling Foot	277
AD50RAN-E	Rubber Pad Leveling Foot	277
AD50RAN-EM	Rubber Pad Leveling Foot	277
AD50RAN-H	Hexagon Leveling Foot	276
AD50RAN-M	Rubber Pad Leveling Foot	277
AD50RBN	Rubber Pad Leveling Foot	277
AD50RBN-E	Rubber Pad Leveling Foot	277
AD50RDN-M	Rubber Pad Leveling Foot	277
AD50REN	Rubber Pad Leveling Foot	277
AD50WA	Leveling Foot	276
AD50WA-AC	Leveling Foot	276
AD50WB	Leveling Foot	276
AD50WB-AC	Leveling Foot	276
AD50WB-M	Leveling Foot	276
AD50WD	Leveling Foot	276
AD50WD-AC	Leveling Foot	276
AD50WE	Leveling Foot	276
AD50WE-AC	Leveling Foot	276
ADA-SM43A	Stanchion Mount Single Ass'y	123
ADA-SM43L	Stanchion Mount Single-Left Ass'y	123
ADA-SM43R	Stanchion Mount Single-Right Ass'y	123
ADR-05	Door Rail	96
AD-SM	Stanchion Mount Single	295
AD-SM43A	Stanchion Mount Single	123
AD-SM43L	Stanchion Mount Single-Left	123
AD-SM43R	Stanchion Mount Single-Right	123
AFS2810	Φ28 Full Slide Pipe (Light Duty)	55
AFS2812	Φ28 Full Slide Pipe (Regular Duty)	55
AFU-28A	AL Folding Unit	88
AFU-28C	AL Folding Unit	88
AFU-28S	AL Folding Unit	88
AGP-28A	Φ28 Panel Frame Guide AL Pipe	57
AGP-28B	Φ28 Panel Frame Guide AL Pipe (Joint Type)	57
AGP-28C	Φ28 Panel Frame Guide AL Pipe (For Prevent Foreign Particle from Entering)	57
AGR-001	Aluminum Guide Rail	171
AGR-002	Infeed Cap	171
AGR-003	Connecting Joint	171
AGR-004	Anchor Bracket	171
AGR-005	CONNECTION PLATE (User processed goods)	172
AGR-006	End Stop	172
AH-1637	Straight Line motion Sleeve	108
AH-1650	Straight Line motion Sleeve	108
AH-1937	Rotatable AL Sleeve	108
AH-1937E	Rotatable AL Sleeve (ESD)	108
AH-1950	Rotatable AL Sleeve	108
AH-1950E	Rotatable AL Sleeve (ESD)	108
AH-540	Rotatable AL Sleeve	89
AH-540E	Rotatable AL Sleeve (ESD)	89
AH-540L	Rotatable AL Sleeve	89
AH-555	Rotatable AL Sleeve	89
AH-555E	Rotatable AL Sleeve (ESD)	89
AH-640	AL Sleeve	90
AH-655	AL Sleeve	90
AH-755	AL Sleeve	91
AH-755E	AL Sleeve (ESD)	91
AH-770	AL Sleeve	91
AH-770E	AL Sleeve (ESD)	91

INDEX

Part No.	Part Name (KR)	Page
AH-800	AL Sleeve	90
AH-900	Rotatable AL Sleeve	89
AHRG-35B	Box Guide-ESD	224
AHRG-40B	Box Guide-ESD	224
AHRG-60B	Box Guide-ESD	224
AL-1	L-Type Plastic Channel	283
AL-10	L-Type Plastic Channel	283
AL-2	L-Type Plastic Channel	283
AL2812	Φ28 Round Pipe (For Metal Joint)	52
AL2813	Φ28 Round Pipe (For Metal Joint)	52
AL2818	Φ28 Round Pipe (For Metal Joint)	52
AL-4	L-Type Plastic Channel	283
AL-5	L-Type Plastic Channel	283
AL-5B	L-Type Plastic Channel	283
AL-6	L-Type Plastic Channel	283
AL-6B	L-Type Plastic Channel	283
AL-7	L-Type Plastic Channel	283
AL-7B	L-Type Plastic Channel	283
AL-8	L-Type Plastic Channel	283
AL-9	L-Type Plastic Channel	283
ALF1914	Ø19 L type Flat Pipe	103
ALF2812	L-Flat Pipe	60
ALF2812B	L-Flat Pipe	60
ALS2812	L-Slide Pipe	55
AMB-0654	Mount Bracket	126
AMB-0684	Mount Bracket	126
ANP-01	AL Name Plate 4MT	92
ANP-01-150	AL Name Plate	92
AOS-28A	Back Stopper	93
AP1914	Φ19 Regular Duty Pipe	103
AP2810B	Φ28 Panel Guide Pipe	51
AP2812	Φ28 Regular Duty Pipe	51
AP2812H	Φ28 Extra Heavy Duty Pipe	51
AP2812R	Φ28 Roller Rail Pipe	52
AP2820	Φ28 Light Heavy Duty Pipe	51
AP2829	Φ28 Heavy Duty Pipe	51
AP3315	Φ33 Regular Duty Pipe	112
AP3315H	Φ33 Heavy Duty Pipe	112
AP4319C	Φ43 Regular Duty Pipe	115
AP4319H	Φ43 Extra Heavy Duty Pipe	115
AP-50	Anchor Plate (Prevention from moving by shake & shock)	295
AP-60	Anchor Plate (Prevention from moving by shake & shock)	295
APC-01	Pipe Cover	93
APC-02	Pipe Cover	93
APC-03	Pipe Cover	93
APC-40A	Slot Cover for 40x40	146
APC-45A	Slot Cover for 45x45	152, 159
APC-50A	Groove Cover (Only 10mm T-Slot)	159
APH-3027A	Round Pipe Connected Joint	94
APH-3027B	Round Pipe Connected Joint	94
APHA-3027	Round Pipe Connected Joint Assembly	94
APHA-633N	Round Pipe Connected Joint	94
AQ2812	Φ28 Hand Rail Pipe	52
AQ4320	Φ43 Hand Rail AL Pipe	115
AR2812	Φ28 Round Pipe (Regular Duty)	53
AR2820	Φ28 Round Pipe (Light Heavy Duty)	53
AR2829	Φ28 Round Pipe (Heavy Duty)	53
AR4312	Φ43 Round Pipe	116
ARG-35B	Box Guide-ESD	224
ARG-35BN	Box Guide-ESD	224
ARG-35C	Box Guide-ESD	225
ARG-4030BL	Box Guide-ESD	225
ARG-4032AN	Box Guide-ESD	225
ARG-4032BN	Box Guide-ESD	225

Part No.	Part Name (KR)	Page
ARG-4035BS	Box Guide-ESD (For GP-4035BS)	226
ARG-4045B	Box Guide-ESD	226
ARG-40A	Box Guide-ESD	225
ARG-40C	Box Guide-ESD	226
ARG-40D	Box Guide-ESD	226
ARG-40F	Box Guide-ESD	226
ARG-60C	Box Guide-ESD	227
ARU-28A	AL Rotary Unit	77
AS-1	S-Type Plastic Channel	283
AS-2	S-Type Plastic Channel	283
AS2807A	Thread Insert	278
AS2807B	Thread Insert	278
AS2809A	Thread Insert	278
AS2809B	Thread Insert	278
AS-3	S-Type Plastic Channel	283
ASC-2834	AL Spacer (Replacing GAP-8)	248
ASC-H42L	Horizontal Safety Cap	228
ASC-H42R	Horizontal Safety Cap	228
ASC-V30	Vertical Safety Cap	228
ASC-V45	Vertical Safety Cap	228
ASG-01B	AL Sheet Guide (Side)	95
ASG-02	AL Sheet Guide	95
ASG-02B	AL Sheet Guide	95
ASG-03	AL Sheet Guide	96
ASG-05	AL Sheet Guide	96
ASG-05B	AL Sheet Guide	96
ASG-1903	AL Sheet Guide	109
ASG-2830A	Box Guide-ESD	227
ASG-28A	Box Guide-ESD	227
ASG-28B	Box Guide-ESD	227
ASG-28C	Box Guide-ESD	227
ASG-4305	AL Sheet Guide for Φ43	121
ASGP-08	Φ28 Panel Guide Pipe	56
ASJ28100	Φ28 Panel Guide Pipe (For Installing Caster)	59
ASJ2848A	Φ28 Panel Guide Pipe	59
ASJ2929A	Φ28 Panel Guide Pipe	59
ASJ4040A	40X40 90° 2-Way Joint Linking Profile	138
ASJ4040B	40X40 180° 2-Way Joint Linking Profile	138
ASJ4040C	40X40 1-Way Joint Linking Profile	138
ASJ4040D	40X40 Profile to Prevent Foreign Particles from Entering	138
ASJ4040E	40X40 3-Way Joint Linking Profile	139
ASJ4040R	40X40 Corner Round 2-Way Joint Linking Profile	139
ASJ4545A	45X45 90° 2-Way Joint Linking Profile	149
ASJ4545C	45X45 1-Way Joint Linking Profile	149
ASJ4545D	45X45 Profile to Prevent Foreign Particles from Entering	149
ASM4040A	Combined 2 way Joint type for 2 way T hole	141
ASM4040C	40X40 Combination Profile (3-Way T-Groove, 1-Way Joint Linking)	141
ASM4040R	40X40 Corner Round Combination Profile (1-Way T-Groove, 1-Way Joint Linking)	141
ASM4080A	Combined 2 way Joint type for 4 way T hole	142
ASM4545C	45X45 Combination Profile (3-Way T-Groove, 1-Way Joint Linking)	150
ASQ2812A	28X28 90° 2-Way Linking Square Pipe	129
ASQ2812AN	28X28 90° 2-Way Linking Square Pipe (Light Duty)	129
ASQ2812B	28X28 180° 2-Way Linking Square Pipe	129
ASQ2812C	28X28 1-Way Linking Square Pipe	129
ASQ2812D	28X28 Square Pipe to Prevent Foreign Particles from Entering	129
ASQ2812E	28X28 3-Way Linking Square Pipe	130
ASQ2812EN	28X28 3-Way Linking Square Pipe (Light Duty)	130
ASQ2812F	28X28 L-Type Square Pipe to Prevent Foreign Particles from Entering	130
ASR-52	Slot Roller	76, 165
AST2828D	28X28 4-Way T Slot Square Pipe	130
AST4040A	40X40 90° 2-Way T-Groove Profile	140
AST4040D	40X40 4-Way T-Groove Profile	140
AST4545A	45X45 90° 2-Way T-Groove Profile	150
AST4545D	45X45 4-Way T-Groove Profile	150

INDEX

Part No.	Part Name (KR)	Page
AT-1	T-Type Plastic Channel	283
AT-2	T-Type Plastic Channel	283
AT1914	Φ19 T Slot Pipe	103
AT2829	Φ28 T Slot Pipe	56, 165
AT-3	T-Type Plastic Channel	283
ATF2812	Φ28 T-Flat Pipe	60
ATF2812B	Φ28 T-Flat Pipe	60
AU-1	U-Type Plastic Channel	283
AU-2	U-Type Plastic Channel	283
	B	
B-001C	Single Tee Joint (Pipe Angle Adjustable)	67
B-001H	Single Tee Joint (Heavy Duty)	67
B-001T	Single Tee Joint for T-Slot Pipe	67
B-001TA	Single Tee Joint for T-Slot Pipe	67
B-001TB	Single Tee Joint for T-Slot Pipe	67
B-006	90 ° Offset Joint	67
B-007A	Swivel Joint (Rotation, Angle Adjust & Fix)	62, 68
B-007B	Swivel Joint (Angle Adjust & Fix)	68
B-007C	Swivel Joint (Angle Adjustable)	68
B-007D	Swivel Joint (Rotation, Angle Adjustable)	68
B-008	Parallel Joint	69
B-011	Parallel Joint	69
B-013L	45 ° Joint	69
B-013R	45 ° Joint	69
B-015	90 ° Offset Joint (Reinforcing Structure)	69
B-015L	90 ° Offset Joint (Reinforcing Structure)	69
B-015R	90 ° Offset Joint (Reinforcing Structure)	69
B-017A-08	Panel Joint	74
B-040A	Corner Bracket for T-Groove Assembly (M6) for 28x28	132
B-040B	Corner Bracket for T-Groove Assembly for 28x28	132
B-044B	Straight Connector Joint	70
B-045	Corner Joint	70
B-050A	Corner Bracket for T-Groove Assembly (M6)	144
B-060A	Corner Bracket for T-Groove Assembly (M6)	144
B-070A	Corner Bracket for T-Groove Assembly (M6)	144
B-080A	Corner Bracket for T-Groove Assembly (M8)	151
B-090	90 ° Elbow Joint	70
B-091	90 ° Elbow Joint	71
B-101	Single Tee Joint	71
B-106	90 ° Offset Joint	71
B-108	Parallel Joint	71
B-145	Corner Joint	70
B-1901	Single Tee Joint for Φ19+Φ19	105
B-1902	Single Tee Joint for Φ28+Φ19	105
B-1906	90 ° Offset Joint for Φ19+Φ19	105
B-1907B	Swivel Joint (Rotation, Angle Adjustable) for Ø19	105
B-1908A	Parallel Joint for Φ19+Φ19	106
B-1908B	Parallel Joint for Φ19+Φ19	106
B-1909A	Parallel Joint for Φ28+Φ19	106
B-1909B	Parallel Joint for Φ28+Φ19	106
B-1913L	45 ° Joint Φ19+Φ19	106
B-1913R	45 ° Joint Φ19+Φ19	106
B-1916	90 ° Offset Joint for Φ28+Φ19	106
B-1917A	Swivel Joint (Rotation, Angle Adjustable) for Ø28	105
B-1945	Corner Joint for Φ19+Φ19	107
B-1945B	Corner Joint for Φ19+Φ19	107
B-1990	90 ° Elbow Joint for Φ19+Φ19	107
B-206A	Crossover Joint (Angle Adjustable)	72
B-206B	Crossover Joint (Angle Adjustable)	72
B-206C	Crossover Joint (Angle Adjustable)	72
B-206D	Crossover Joint (Angle Adjustable)	72
B-301	Single Tee Joint	113
B-401	Single Tee Joint	119
B-407A	Swivel Joint (Rotation, Angle Adjust & Fix)	119
B-407B	Swivel Joint (Rotation, Angle Adjust & Fix)	119
B-407C	Swivel Joint (Rotation, Angle Adjust & Fix)	119
B-411	Parallel Joint	120
B-444	Straight Connector Joint	120
B-445	Corner Joint	120
B-490	90 ° Elbow Joint	120
BA-001C	Single Tee Joint Assembly (Pipe Angle Adjustable)	67
BA-001H	Single Tee Joint Assembly (Heavy Duty)	67
BA-001T	Single Tee Joint Assembly for T-Slot Pipe	67
BA-006	90 ° Offset Joint Assembly	67
BA-007F	Swivel Joint Assembly (Rotation, Angle Adjust & Fix)	68
BA-007R	Swivel Joint Assembly (Rotation, Angle Adjustable)	68
BA-008	Parallel Joint Assembly	69
BA-011	Parallel Joint Assembly	69
BA-013	45 ° Joint Assembly	69
BA-015	90 ° Offset Joint Assembly (Reinforcing Structure)	69
BA-027F	Swivel Joint Assembly (Angle Adjust & Fix)	68
BA-027M	Swivel Joint Assembly (Angle Adjustable)	68
BA-044B	Straight Connector Joint Assembly	70
BA-045	Corner Joint Assembly	70
BA-090	90 ° Elbow Joint Assembly	70
BA-091	90 ° Elbow Joint Assembly	71
BA-101	Single Tee Joint Assembly	71
BA-106	90 ° Offset Joint Assembly	71
BA-108	Parallel Joint Assembly	71
BA-145	Corner Joint Assembly	70
BA-1901	Single Tee Joint Assembly for Φ19+Φ19	105
BA-1902	Single Tee Joint Assembly for Φ28+Φ19	105
BA-1906	90 ° Offset Joint Assembly for Φ19+Φ19	105
BA-1908	Parallel Joint Assembly for Φ19+Φ19	106
BA-1909	Parallel Joint Assembly for Φ28+Φ19	106
BA-1913	45 ° Joint Assembly Φ19+Φ19	106
BA-1916	Parallel Joint Assembly for Φ28+Φ19	106
BA-1917M	Swivel Joint (Rotation, Angle Adjustable) for Ø28+Ø19	105
BA-1945	Corner Joint Assembly for Φ19+Φ19	107
BA-1945B	Corner Joint Assembly for Φ19+Φ19	107
BA-1990	90 ° Elbow Joint Assembly Φ19+Φ19	107
BA-206	Crossover Joint Assembly (Angle Adjustable)	72
BA2800A	AL Thread Insert	97, 281
BA2800B	AL Thread Insert	97, 281
BA280LA	Metal Thread Insert	97, 281
BA280LAN	Metal Thread Insert for 40x40	145
BA280LB	Metal Thread Insert	97, 281
BA280LBN	Metal Thread Insert for 40x40	145
BA280LD	Metal Thread Insert	97, 281
BA280LE	Metal Thread Insert	97, 281
BA2828A	Threaded Insert Bracket	134
BA2828B	Threaded Insert Bracket	134
BA-301	Single Tee Joint Assembly	113
BA3300A	Metal Thread Insert	113, 281
BA3300B	Metal Thread Insert	113, 281
BA3300D	Metal Thread Insert	113, 281
BA-401	Single Tee Joint Assembly	119
BA4040A	Aluminum Bushing for 40x40	145, 281
BA4040B	Aluminum Bushing for 40x40	145, 281
BA4040JA	Aluminum Bushing for 40x40	145, 281
BA4040JB	Aluminum Bushing for 40x40	145, 281
BA4040JE	Aluminum Bushing for 40x40	145, 281
BA-407F	Swivel Joint Assembly (Rotation, Angle Adjust & Fix)	119
BA-411	Parallel Joint Assembly	120
BA-427F	Swivel Joint Assembly (Rotation, Angle Adjust & Fix)	119
BA4300A	AL Thread Insert	124, 281
BA4300B	AL Thread Insert	124, 281
BA4300D	AL Thread Insert	124, 281

INDEX

Part No.	Part Name (KR)	Page
BA4300N	AL Cap	125
BA-444	Straight Connector Joint Assembly	120
BA-445	Corner Joint Assembly	120
BA4545A	Aluminum Bushing for 45x45	152, 282
BA4545B	Aluminum Bushing for 45x45	152, 282
BA-490	90 ° Elbow Joint Assembly	120
BB01	Ball Bearing	290
BC2807A	Thread Insert	278
BC2807B	Thread Insert	278
BC2807D	Thread Insert	278
BC2809A	Thread Insert	278
BC2809B	Thread Insert	278
BC2810A	Thread Insert	278
BC2810B	Thread Insert	278
BC2810D	Thread Insert	278
BC2814A	Thread Insert	278
BC2814B	Thread Insert	278
BC2820A	Thread Insert	278
BC2820B	Thread Insert	278
BC2820D	Thread Insert	278
BC3210A	Thread Insert	278
BC3210B	Thread Insert	278
BC45-A	Base Corner	252
BC45-A2	Base Corner	252
BC45-B	Base Corner	252
BC45-C	Base Corner	252
BH-A	Band Hook	262
BH-B	Band Hook	262
BL28YA-U	Pipe Holder	261
BP1900H	AL Plastic Thread Insert	110
BP2800H	AL Plastic Thread Insert	97, 281
BP2828A	Bushing Cap for 28x28	134
BP4300H	AL Plastic Thread Insert	124, 281
BRA-32	Bearing Pulley	271
BS-01	Box Stopper	230
BS07A	Thread Insert	278
BS07B	Thread Insert	278
BS07D	Thread Insert	278
BS10A	Thread Insert	278
BS10B	Thread Insert	278
BS10D	Thread Insert	278
BS12A	Thread Insert	278
BS12B	Thread Insert	278
BS12D	Thread Insert	278
BS-15	Back Stopper Bracket	230
BS20A	Thread Insert	278
BS20B	Thread Insert	278
BS20D	Thread Insert	278
BUSH-12	Sleeve Bushing (Metal)	294
C		
C-001	Square Joint for 28x28	131
C-001T	Square Joint for 28x28	131
C-045	90 ° Quick Joint (for 6mm slot)	131
CA-001	Square Joint Assembly for 28x28	131
CA-001T	Square Joint Assembly for 28x28	131
CA-045	90 ° Quick Joint (for 6mm slot) Assembly	131
CB-MCP	Corner Bumper	249
CD-28C	Cable Duct	223
CD-28D	Cable Duct	223
CF2807	Flat Pipe	6
CF2809	Flat Pipe	6
CF2810	Flat Pipe	6
CFG-28A	Chassis Frame Guide	285
CL2807	Black Stripe Pipe (ESD)	6
CL2810	Black Stripe Pipe (ESD)	6
CM-100	Caster Mount Strap	247
CM-200	Caster Mount Strap	247
CM-200K	Caster Mount Strap	247
CM-230	Caster Mount Strap	247
CM-230K	Caster Mount Strap	247
CM-300	Caster Mount Strap	248
CM-330	Caster Mount Strap	248
CM-A	Corner Metal	254
CM-B	Corner Metal	254
CP-32	Wire Holder (Wire Falling Preventor)	271
CPD-32	Cover Pulley Dual	271
CS2807	Slide Pipe	6
CS2809	Slide Pipe	6
CS2810	Slide Pipe	6
CS2820	Slide Pipe	6
CS28L	Corner Support	253
CS28R	Corner Support	253
D		
D-001	Square Joint for 40x40	143
D-045	Corner Joint for 40x40	143
DA-001	Square Joint Assembly for 40x40	143
DA-045	Corner Joint Assembly for 40x40	143
DL-15	Door Latch	292
DP2807	D-Coated Pipe	6
DP2809	D-Coated Pipe	6
DP2810	D-Coated Pipe	6
DP2814	D-Coated Pipe	6
DP2820	D-Coated Pipe	6
DP3210	D-Coated Pipe	6
DP-A	Dust Plate	223
DR-40R	Decelerating Roller	189
E		
E-001	Square Joint for 45x45	151
EA-001	Square Joint Assembly for 45x45	151
EAL-1	L-Type Plastic Channel (ESD)	283
EAL-10	L-Type Plastic Channel (ESD)	283
EAL-2	L-Type Plastic Channel (ESD)	283
EAL-4	L-Type Plastic Channel (ESD)	283
EAL-5	L-Type Plastic Channel (ESD)	283
EAL-5B	L-Type Plastic Channel (ESD)	283
EAL-6	L-Type Plastic Channel (ESD)	283
EAL-6B	L-Type Plastic Channel (ESD)	283
EAL-7	L-Type Plastic Channel (ESD)	283
EAL-7B	L-Type Plastic Channel (ESD)	283
EAL-8	L-Type Plastic Channel (ESD)	283
EAL-9	L-Type Plastic Channel (ESD)	283
EAS-1	S-Type Plastic Channel (ESD)	283
EAS-2	S-Type Plastic Channel (ESD)	283
EAS-3	S-Type Plastic Channel (ESD)	283
EAT-1	T-Type Plastic Channel (ESD)	283
EAT-2	T-Type Plastic Channel (ESD)	283
EAT-3	T-Type Plastic Channel (ESD)	283
EAU-1	U-Type Plastic Channel (ESD)	283
EAU-2	U-Type Plastic Channel (ESD)	283
ECH-28A	End Cap Hanger	265
EF2807	ESD Flat Pipe	6
EF2809	ESD Flat Pipe	6
EF2810	ESD Flat Pipe	6
EG2807	ESD Powder Pipe	6
EG2809	ESD Powder Pipe	6
EG2812	ESD Powder Pipe	6
EG2820	ESD Powder Pipe	6
EP2807	ESD D-Coated Pipe	6

INDEX

Part No.	Part Name (KR)	Page
EP2809	ESD D-Coated Pipe	6
EP2810	ESD D-Coated Pipe	6
EP2814	ESD D-Coated Pipe	6
EP2820	ESD D-Coated Pipe	6
EPC-01	Pipe-Cover Plastic Channel (ESD)	283
EPC-02	Pipe-Cover Plastic Channel (ESD)	283
ES2807	ESD Slide Pipe	6
ES2809	ESD Slide Pipe	6
ES2810	ESD Slide Pipe	6
ES2820	ESD Slide Pipe	6
EWS-A	Work Stopper	229
EWS-AN	Work Stopper	229
EWS-B	Work Stopper	229
EWS-D	Work Stopper	229
EWS-E	Work Stopper	229
EWS-F	Work Stopper	229
EWS-F2	Work Stopper	229
EWS-GN2	Work Stopper	229
EWS-J	Work Stopper	229
EWS-J2	Work Stopper	229
EWS-K	Work Stopper	229
EWS-MN	Work Stopper	229
EWS-PN	Work Stopper	229
EWSR4040	Work Stopper	229
EWSR6016	Work Stopper	229
EWSR6033	Work Stopper	229
EWSR8523	Work Stopper	229
EWSR8545	Work Stopper	229
F		
F-A	Handle (Flat Type)	265
FA302S-1	Fastening Rubber Type Caster for AL Rack	240
FA302S-1B	Fastening Rubber Type Caster for AL Rack	240
FA303S-1	Fastening Rubber Type Caster for AL Rack	240
FA303S-1B	Fastening Rubber Type Caster for AL Rack	240
FA363R-4	Fastening Rubber Type Caster for AL Rack	240
FA363S-1	Fastening Rubber Type Caster for AL Rack	240
FA363S-1B	Fastening Rubber Type Caster for AL Rack	240
FA363S-4	Fastening Rubber Type Caster for AL Rack	240
FA363S-4B	Fastening Rubber Type Caster for AL Rack	240
FA364R-1	Fastening Rubber Type Caster for AL Rack	240
FA364R-4	Fastening Rubber Type Caster for AL Rack	240
FA364S-1	Fastening Rubber Type Caster for AL Rack	240
FA364S-1B	Fastening Rubber Type Caster for AL Rack	240
FA364S-4	Fastening Rubber Type Caster for AL Rack	240
FA364S-4B	Fastening Rubber Type Caster for AL Rack	240
FB-28	Folding Bracket	294
FB-28B	Folding Bracket	294
FC302S-1	Fastening Rubber Type Caster	237
FC302S-1B	Fastening Rubber Type Caster	237
FC303S-1	Fastening Rubber Type Caster	237
FC303S-1B	Fastening Rubber Type Caster	237
FC363R-4	Fastening Rubber Type Caster	237
FC363S-1	Fastening Rubber Type Caster	237
FC363S-1B	Fastening Rubber Type Caster	237
FC363S-4	Fastening Rubber Type Caster	237
FC363S-4B	Fastening Rubber Type Caster	237
FC364R-1	Fastening Rubber Type Caster	237
FC364R-4	Fastening Rubber Type Caster	237
FC364S-1	Fastening Rubber Type Caster	237
FC364S-1B	Fastening Rubber Type Caster	237
FC364S-4	Fastening Rubber Type Caster	237
FC364S-4B	Fastening Rubber Type Caster	237
FC503S-1	Fastening Rubber Type Caster	237
FC503S-1B	Fastening Rubber Type Caster	237
FC504S-2	Fastening Rubber Type Caster	237
FC504S-2B	Fastening Rubber Type Caster	237
FG-01	Fork Guide	255
FG-03	Fork Guide	255
FG-04	Fork Guide	256
FQ-B	Front Haul Ass'y-Quicking Type	258
FQ-B2	Front Haul Ass'y-Long Type	258
FQ-BL-1	Front Haul Ass'y	258
FS2807	Full Slide Pipe	6
FS2807-E	ESD Full Slide Pipe	6
FS2809	Full Slide Pipe	6
FS2809-E	ESD Full Slide Pipe	6
FS302R-1	Fastening Rubber Type Caster	237
FS302S-1	Fastening Rubber Type Caster	237
FS302S-1B	Fastening Rubber Type Caster	237
FS303R-1	Fastening Rubber Type Caster	237
FS303S-1	Fastening Rubber Type Caster	237
FS303S-1B	Fastening Rubber Type Caster	237
FS363R-4	Fastening Rubber Type Caster	237
FS363S-1	Fastening Rubber Type Caster	237
FS363S-1B	Fastening Rubber Type Caster	237
FS363S-4	Fastening Rubber Type Caster	237
FS363S-4B	Fastening Rubber Type Caster	237
FS364R-1	Fastening Rubber Type Caster	237
FS364R-4	Fastening Rubber Type Caster	237
FS364S-1	Fastening Rubber Type Caster	237
FS364S-1B	Fastening Rubber Type Caster	237
FS364S-4	Fastening Rubber Type Caster	237
FS364S-4B	Fastening Rubber Type Caster	237
FS503S-1	Fastening Rubber Type Caster	237
FS503S-1B	Fastening Rubber Type Caster	237
FS504R-2	Fastening Rubber Type Caster	237
FS-A	Front Haul Ass'y-Spring Type	257
FS-AN-1	Front Haul Ring Ass'y	259
G		
G-101	Metal Joint	16
G-102	Metal Joint	16
G-103	Metal Joint	16
G-104	Metal Joint	16
G-105	Metal Joint	16
G-106	Metal Joint	16
G-110S	Metal Joint	17
G-12S	Metal Joint	12
G-135S	Metal Joint	17
G-13AS	Metal Joint	12
G-13BS	Metal Joint	12
G-14S	Metal Joint	12
G-15AH	Metal Joint	12
G-15AS	Metal Joint	12
G-15BL	Metal Joint	13
G-15BS	Metal Joint	12
G-15D	Metal Joint	13
G-15DL	Metal Joint	13
G-15G	Metal Joint	13
G-160S	Metal Joint	17
G-16D	Metal Joint	13
G-16E	Metal Joint	13
G-16S	Metal Joint	13
G-16WP	Metal Joint	17
G-17BS	Metal Joint	13
G-17S	Metal Joint	13
G-18S	Metal Joint	13
G-1BS	Metal Joint	11
G-1S	Metal Joint	11

INDEX

Part No.	Part Name (KR)	Page
G-20S	Metal Joint	14
G-22S	Metal Joint	14
G-23S	Metal Joint	14
G-24S	Metal Joint	14
G-25AS	Metal Joint	14
G-25BS	Metal Joint	14
G-25C	Metal Joint	14
G-28	Metal Joint	14
G2807	Powder Pipe	6
G2809	Powder Pipe	6
G2812	Powder Pipe	6
G2820	Powder Pipe	6
G-2S	Metal Joint	11
G-301	Metal Joint	17
G-30S	Metal Joint	14
G-34S	Metal Joint	14
G-35AS	Metal Joint	15
G-35BS	Metal Joint	15
G-38S	Metal Joint	15
G-3S	Metal Joint	11
G-44	Metal Joint	15
G-45S	Metal Joint	15
G-4S	Metal Joint	11
G-54S	Metal Joint	15
G-60S	Metal Joint	15
G-65S	Metal Joint	15
G-65S-10	Metal Joint	15
G-66	Metal Joint	15
G-66BS	Metal Joint	16
G-6B-33	Metal Joint	11
G-6BS	Metal Joint	11
G-6S	Metal Joint	11
G-75A	Metal Joint	16
G-75B	Metal Joint	16
G-7AS	Metal Joint	11
G-7BS	Metal Joint	11
G-7CS	Metal Joint	12
G813R-2	Grip Ring Type Caster	236
G813S-2	Grip Ring Type Caster	236
G813S-2B	Grip Ring Type Caster	236
G-8S	Metal Joint	12
G-90S	Metal Joint	16
G-9S	Metal Joint	12
GA-101	Metal Joint Assembly	27
GA-102	Metal Joint Assembly	27
GA-103	Metal Joint Assembly	28
GA-104	Metal Joint Assembly	28
GA-105	Metal Joint Assembly	28
GA-106	Metal Joint Assembly	28
GA-110S	Metal Joint Assembly	28
GA-12S	Metal Joint Assembly	20
GA-135S	Metal Joint Assembly	29
GA-13S	Metal Joint Assembly	20
GA-14S	Metal Joint Assembly	20
GA-15D	Metal Joint Assembly	21
GA-15G	Metal Joint Assembly	21
GA-15H	Metal Joint Assembly	21
GA-15L	Metal Joint Assembly	21
GA-15S	Metal Joint Assembly	21
GA-160S	Metal Joint Assembly	29
GA-16D	Metal Joint Assembly	22
GA-16E	Metal Joint Assembly	22
GA-16S	Metal Joint Assembly	22
GA-17BS	Metal Joint Assembly	22

Part No.	Part Name (KR)	Page
GA-17S	Metal Joint Assembly	22
GA-18S	Metal Joint Assembly	23
GA-1BS	Metal Joint Assembly	18
GA-1S	Metal Joint Assembly	18
GA-20S	Metal Joint Assembly	23
GA-23S	Metal Joint Assembly	23
GA-24S	Metal Joint Assembly	23
GA-25C	Metal Joint Assembly	24
GA-25S	Metal Joint Assembly	23
GA-27S	Metal Joint Assembly	24
GA-28	Metal Joint Assembly	24
GA-2S	Metal Joint Assembly	18
GA-301	Metal Joint Assembly	29
GA-30S	Metal Joint Assembly	24
GA-34S	Metal Joint Assembly	24
GA-35S	Metal Joint Assembly	25
GA-38S	Metal Joint Assembly	25
GA-3S	Metal Joint Assembly	18
GA-44	Metal Joint Assembly	25
GA-45S	Metal Joint Assembly	25
GA-4S	Metal Joint Assembly	18
GA-54S	Metal Joint Assembly	25
GA-55S	Metal Joint Assembly	26
GA-5S	Metal Joint Assembly	19
GA-60S	Metal Joint Assembly	26
GA-65S	Metal Joint Assembly	26
GA-65S-10	Metal Joint Assembly	26
GA-66	Metal Joint Assembly	26
GA-66BS	Metal Joint Assembly	27
GA-6B-33	Metal Joint Assembly	19
GA-6BS	Metal Joint Assembly	19
GA-6S	Metal Joint Assembly	19
GA-75	Metal Joint Assembly	27
GA-7S	Metal Joint Assembly	19
GA-8S	Metal Joint Assembly	20
GA-90S	Metal Joint Assembly	27
GA-9S	Metal Joint Assembly	20
GAM-07S	Metal Cap	279
GAP-1	Plastic Joint	30
GAP-10L	Plastic Joint (Left side handle)	33
GAP-10R	Plastic Joint (Right side handle)	33
GAP-11	Taper Edge	33
GAP-11L	Taper Edge Long	33
GAP-12	Sleeve (For GA-12S/17S/18S/24S/25S)	34
GAP-13	Plastic Joint Corner	34
GAP-14	Plastic Joint Corner Cushion Type	34
GAP-15	Sheet Holder	34
GAP-16	Plastic Joint	34
GAP-17	Plastic Joint	35
GAP-18A	Plastic Joint	35
GAP-18B	Plastic Joint (Penetrated Model)	35
GAP-19	Plastic Joint	35
GAP-19A	Inner Cap	110
GAP-19AT	Inner Cap	110
GAP-19E	Inner Cap (ESD)	110
GAP-20	Name Plate Holder	35
GAP-20C	Name Plate Holder	36
GAP-20D	Name Plate Holder	36
GAP-21A	Nut Block	290
GAP-22A	Bearing Block	290
GAP-23	Plastic Joint	36
GAP-24A	Plastic Joint	36
GAP-24B	Plastic Joint (Penetrated Model)	36
GAP-25A	Plastic Joint	37

INDEX

Part No.	Part Name (KR)	Page
GAP-25B	Plastic Joint (Penetrated Model)	37
GAP-26A	Plastic Joint	37
GAP-26B	Plastic Joint (Penetrated Model)	37
GAP-27A	Plastic Joint	37
GAP-27B	Plastic Joint (Penetrated Model)	38
GAP-2828A	Inner Cap for 28x28	133
GAP-2828D	Inner Cap for 28x28	133
GAP-2828E	Inner Cap for 28x28	133
GAP-2828T	Inner Cap for 28x28	133
GAP-28A	Plastic Joint	38
GAP-28B	Plastic Joint (Penetrated Model)	38
GAP-29A	Plastic Joint	38
GAP-29B	Plastic Joint (Penetrated Model)	38
GAP-2A	Plastic Joint	30
GAP-2B	Plastic Joint (Penetrated Model)	30
GAP-2C	Plastic Joint (Penetrated Model)	30
GAP-3	Outer Cap	30
GAP-30A	Plastic Joint	39
GAP-30B	Plastic Joint	39
GAP-31	Plastic Joint	39
GAP-33A	Plastic Inner Cap	113
GAP-34	Plastic Joint	39
GAP-35	Plastic Joint	39
GAP-37A	Plastic Joint	40
GAP-37B	Plastic Joint	40
GAP-39	Plastic Joint	40
GAP-3A	Outer Cap	98
GAP-40	Plastic Joint	40
GAP-4040A	Inner Cap for 40x40	147
GAP-4040D	Inner Cap for 40x40	147
GAP-4040R	Inner Cap for 40x40	147
GAP-41	Plastic Joint	40
GAP-42	Plastic Joint	41
GAP-43	Plastic Joint	41
GAP-4310	Inner Cap	278
GAP-4310-B	Inner Cap	278
GAP-4310-G	Inner Cap	278
GAP-4310-i	Inner Cap	278
GAP-43A	Plastic Inner Cap	125
GAP-43B	Plastic Round Inner Cap	125
GAP-44	Sleeve (For GA-12S/17S/18S/24S/25S)	41
GAP-4545D	Inner Cap for 45x45	152
GAP-4545P	Inner Cap for 45x45	159
GAP-45A	Plastic Joint	41
GAP-45B	Plastic Joint (Penetrated Model)	41
GAP-46	Plastic Joint	42
GAP-47	Plastic Joint (Length adjustment)	42
GAP-48	Roller Conveyor Holder (Single)	42
GAP-49	Roller Conveyor Holder (Double)	42
GAP-4A	Inner Cap	98
GAP-4AF	Inner Cap (For ATF2812/ALF2812)	98
GAP-4AH	Inner Cap (For AP2812H)	98
GAP-4AT	Inner Cap (For AT2829)	98
GAP-4C	Inner Cap	31, 278
GAP-4C-B	Inner Cap	278
GAP-4C-G	Inner Cap	278
GAP-4C-i	Inner Cap	278
GAP-4E	Inner Cap (ESD)	98
GAP-4P	Inner Cap	31, 278
GAP-4P-B	Inner Cap	278
GAP-4P-G	Inner Cap	278
GAP-4P-i	Inner Cap	278
GAP-4R	Rubber Cap	31, 278
GAP-4R-B	Inner Cap	278

Part No.	Part Name (KR)	Page
GAP-4S	Inner Cap	31, 278
GAP-4S-B	Inner Cap	278
GAP-4S-G	Inner Cap	278
GAP-4S-i	Inner Cap	278
GAP-5	Plastic Joint Corner	31
GAP-50	Roller Conveyor Cap (Without Bearing)	42
GAP-51	Roller Conveyor Support	43
GAP-52A	Roller Conveyor Cap (With Bearing)	43
GAP-53	Plastic Joint	43
GAP-54	Plastic Joint	43
GAP-55	Name Plate Holder (Assemble with NP-B or NP-M)	43
GAP-56	Sleeve (For GA-35S)	44
GAP-58	Name Plate Holder (Assemble with NP-F)	44
GAP-6	Label Holder	31
GAP-61	Plastic Joint	44
GAP-64	Corner Support Joint	44
GAP-65	Corner Support Cap	44
GAP-66	Plastic Joint	45
GAP-6B	Label Holder	32
GAP-7	Plastic Joint	32
GAP-71	Plastic Joint	45
GAP-72	Plastic Joint	45
GAP-73	Plastic Latch	46
GAP-74A	Plastic Latch	46
GAP-74B	Plastic Latch	46
GAP-75	Plastic Latch	46
GAP-79	Plastic Latch	47
GAP-8	Horizontal Holder	32
GAP-80A	Plastic Latch	47
GAP-80B	Plastic Latch	47
GAP-81	Plastic Latch	47
GAP-82	Plastic Latch	47
GAP-83	Plastic Joint	48
GAP-84	Plastic Joint	48
GAP-85	Plastic Joint	48
GAP-8FN	Horizontal Holder (Flat Type)	32
GAP-9C-07	Grip Bushing (Coating Pipe:Φ28xT0.7)	32
GAP-9C-09	Grip Bushing (Coating Pipe:Φ28xT0.9)	33
GAP-9S-07	Grip Bushing (STS Pipe:Φ28xT0.9)	33
GAPA-76A	Swivel Plastic Joint Ass'y	46
GAS-07A	Steel Cap	279
GAS-07S	Steel Cap	279
GAS-10A	Steel Cap	279
GAS-12S	Steel Cap	279
GB-02	Gap Bushing	271
GB-03	AL Gap Bushing	166
GP-11	Adjustable Roller Union	206
GP-12	Adjustable Roller Union	206
GP-13	Adjustable Roller Union	207
GP-14	Adjustable Roller Union	207
GP3533B	Standard Roller Track 35 Series (Pitch: 33)	176
GP4025M	Standard Roller Track 40 Series (Pitch: 25)	177
GP4036A	Standard Roller Track 40 Series (Pitch: 36)	176
GP4036B	Standard Roller Track 40 Series (Pitch: 36)	176
GP4050C	Standard Roller Track 40 Series (Pitch: 50)	176
GP4050D	Standard Roller Track 40 Series (Pitch: 50)	176
GP6016S	Standard Roller Track 60 Series (Pitch: 16)	177
GP6033B	Standard Roller Track 60 Series (Pitch: 33)	177
GP6033HA	Standard Roller Track 60 Series (Pitch: 33)	177
GP8525M	Standard Roller Track 85 Series (Pitch: 25)	177
GP8543B	Standard Roller Track 85 Series (Pitch: 43)	178
GP8550SR-GI	STS Covered Roller Track 85 Series (Pitch: 50)	185
GP-A	Roller Mounting Bracket	197
GP-A25	Roller Mounting Bracket	193

INDEX

Part No.	Part Name (KR)	Page
GP-A33	Roller Mounting Bracket	197
GP-A35	Roller Mounting Bracket	194
GP-A60	Roller Mounting Bracket	208
GP-A60-33	Roller Mounting Bracket	208
GP-A85	Roller Mounting Bracket	213
GP-A85-33	Roller Mounting Bracket	213
GP-AN85	Roller Mounting Bracket / Drop Stop	213
GP-APF	Roller Mounting Bracket	197
GP-APF60	Roller Mounting Bracket	208
GP-B	Roller Mounting Bracket / Tab Stop	197
GP-B-1	Roller Mounting Bracket / Tab Stop	198
GP-B-1-33	Roller Mounting Bracket / Tab Stop	198
GP-B25	Roller Mounting Bracket / Tab Stop	193
GP-B33	Roller Mounting Bracket / Tab Stop	197
GP-B35	Roller Mounting Bracket / Tab Stop	194
GP-B35-1	Roller Mounting Bracket / Tab Stop	194
GP-B35-1-33	Roller Mounting Bracket / Tab Stop	194
GP-B35-33	Roller Mounting Bracket / Tab Stop	194
GP-B60	Roller Mounting Bracket / Tab Stop	208
GP-B60-1	Roller Mounting Bracket / Tab Stop	209
GP-B60-33	Roller Mounting Bracket / Tab Stop	208
GP-B85	Roller Mounting Bracket / Tab Stop	213
GP-B85-1	Roller Mounting Bracket / Tab Stop	214
GP-B85-1-33	Roller Mounting Bracket / Tab Stop	214
GP-B85-2	Roller Mounting Bracket / Tab Stop	214
GP-B85-33	Roller Mounting Bracket / Tab Stop	214
GP-B85-N	Roller Mounting Bracket / Tab Stop	213
GP-C	Roller Track Union	198
GP-C-1	Roller Track Union / Center Support	198
GP-C-1-33	Roller Track Union / Center Support	198
GP-C35	Roller Track Union	195
GP-C85	Roller Track Union	214
GP-C85-1	Roller Track Union / Center Support	215
GP-CN	Roller Track Union	199
GP-CN60	Roller Track Union	209
GP-D35	Roller Mounting Bracket / Drop Stop	195
GP-D60	Roller Mounting Bracket / Drop Stop	209
GP-D60-33	Roller Mounting Bracket / Drop Stop	209
GP-D85	Roller Mounting Bracket / Drop Stop	215
GP-DF	Roller Mounting Bracket / Drop Stop	199
GP-DF-40	Roller Mounting Bracket / Drop Stop	199
GP-DF60J	Roller Mounting Bracket	209
GP-DFJ	Roller Mounting Bracket	199
GP-DN	Roller Mounting Bracket / Drop Stop	199
GP-DN33	Roller Mounting Bracket / Drop Stop	200
GP-E	Roller Mounting Bracket / Center Support	200
GP-E25	Roller Mounting Bracket / Center Support	193
GP-E-33	Roller Mounting Bracket / Center Support	200
GP-E35	Roller Mounting Bracket / Center Support	195
GP-E35-A12	Roller Mounting Bracket / Center Support	195
GP-E-45	Roller Mounting Bracket	200
GP-E60	Roller Mounting Bracket / Center Support	210
GP-E60-33	Roller Mounting Bracket / Center Support	210
GP-E85	Roller Mounting Bracket / Center Support	215
GP-E85-33	Roller Mounting Bracket / Center Support	215
GP-EH60	Roller Mounting Bracket / Center Support	210
GP-EN	Roller Mounting Bracket / Center Support	200
GP-EN60	Roller Track Union / Center Support	210
GP-EN85	Roller Track Union / Center Support	215
GP-EW	Roller Mounting Bracket	201
GP-EW-33	Roller Mounting Bracket	201
GP-F	Roller Mounting Bracket	201
GP-F-33	Roller Mounting Bracket	201
GP-F-40	Roller Mounting Bracket	201

Part No.	Part Name (KR)	Page
GP-FA	Roller Mounting Bracket	202
GP-FC	Roller Mounting Bracket / Tab Stop	202
GP-FC60	Roller Mounting Bracket	210
GP-G	Roller Mounting Bracket / Tab Stop	202
GP-G-33	Roller Mounting Bracket	202
GP-HF	Roller Track Union	202
GP-HN	Roller Track Union	203
GP-HN-33	Roller Mounting Bracket	203
GP-HN35	Roller Track Union	195
GP-HN60	Roller Track Union	211
GP-HP	Roller Mounting Bracket	203
GP-HR	Roller Mounting Bracket	203
GP-HS	Adjustable Roller to Slide Pipe Union	203
GP-HU	Roller Mounting Bracket	205
GP-J60	Roller Mounting Bracket	211
GP-K	Roller Mounting Bracket	204
GP-L	Roller Mounting Bracket	204
GP-L-33	Roller Mounting Bracket	204
GP-L60	Roller Mounting Bracket	211
GP-L60W	Roller Mounting Bracket	211
GP-L60W-33	Roller Mounting Bracket	211
GP-L60WB	Roller Mounting Bracket / Tab Stop	212
GP-L85W	Roller Mounting Bracket	216
GP-L85W-33	Roller Mounting Bracket	216
GP-LN85	Roller Mounting Bracket	216
GP-LW	Roller Mounting Bracket	204
GP-LW-33	Roller Mounting Bracket	205
GP-LWB	Roller Mounting Bracket / Tab Stop	205
GP-LWB-33	Roller Mounting Bracket / Tab Stop	205
GP-M	Roller Mounting Bracket	205
GP-M35	Roller Mounting Bracket	196
GP-M60	Roller Mounting Bracket	212
GP-M85	Roller Mounting Bracket	216
GP-M85-33	Roller Mounting Bracket	216
GP-NA	Roller Mounting Bracket	205
GP-NB	Roller Mounting Bracket / Tab Stop	206
GPR1021BFS-AL	Silent Roller Track 100 Series (Pitch: 21)	184
GPR2528A-AL	Silent Roller Track 25 Series (Pitch: 28.6)	181
GPR4040A-AL	Silent Roller Track 40 Series (Pitch: 40)	181
GPR4040A-GI	Silent Roller Track 40 Series (Pitch: 40)	179
GPR4040B-AL	Silent Roller Track 40 Series (Pitch: 40)	181
GPR4040B-GI	Silent Roller Track 40 Series (Pitch: 40)	179
GPR4040SR-AL	STS Covered Roller Track 40 Series (Pitch: 40)	186
GPR4040SR-GI	STS Covered Roller Track 40 Series (Pitch: 40)	185
GPR4055C-AL	Silent Roller Track 40 Series (Pitch: 55)	181
GPR4055C-GI	Silent Roller Track 40 Series (Pitch: 55)	179
GPR6016S-AL	Silent Roller Track 60 Series (Pitch: 16)	183
GPR6016S-GI	Silent Roller Track 60 Series (Pitch: 16)	179
GPR6033B-AL	Silent Roller Track 60 Series (Pitch: 33)	183
GPR6033B-GI	Silent Roller Track 60 Series (Pitch: 33)	179
GPR6033HA-AL	Silent Roller Track 60 Series (Pitch: 33)	183
GPR6033HA-GI	Silent Roller Track 60 Series (Pitch: 33)	179
GPR8523S-AL	Silent Roller Track 85 Series (Pitch: 23)	184
GPR8523S-GI	Silent Roller Track 85 Series (Pitch: 23)	180
GPR8523SR-AL	STS Covered Roller Track 85 Series (Pitch: 23)	186
GPR8523SR-GI	STS Covered Roller Track 85 Series (Pitch: 23)	185
GPR8545B-AL	Silent Roller Track 85 Series (Pitch: 45)	184
GPR8545B-GI	Silent Roller Track 85 Series (Pitch: 45)	180
GPR8545HA-AL	Silent Roller Track 85 Series (Pitch: 45)	184
GPR8545HA-GI	Silent Roller Track 85 Series (Pitch: 45)	180
GPR8545SR-AL	STS Covered Roller Track 85 Series (Pitch: 45)	186
GPR8545SR-GI	STS Covered Roller Track 85 Series (Pitch: 45)	185
GPRG4040B	Guide Type Roller Track 40 Series (Pitch:40)	182
GPRJ4040A-AL	Joint Type Roller Track 40 Series (Pitch: 40)	181

INDEX

Part No.	Part Name (KR)	Page
GPRJ4040B-AL	Joint Type Roller Track 40 Series (Pitch: 40)	181
GPRS4040A-AL	Screw Type Roller Track 40 Series (Pitch: 40)	181
GPRS4040B-AL	Screw Type Roller Track 40 Series (Pitch: 40)	181
GP-SB	Absorber Mounting Bracket	206
GP-VA35	Roller Mounting Bracket	196
GP-VA40	Roller Mounting Bracket	206
GRH-15L	Pulley Holder Bracket (Left)	269
GRH-15R	Pulley Holder Bracket (Right)	269
GRHA-15L	Bearing Pulley Ass'y (Left)	269
GRHA-15R	Bearing Pulley Ass'y (Right)	269
GRV-15L	Pulley Holder Bracket (Left)	270
GRV-15R	Pulley Holder Bracket (Right)	270
GRVA-15L	Bearing Pulley Ass'y (Left)	270
GRVA-15R	Bearing Pulley Ass'y (Right)	270
GS-1014AN	Sleeve Hanger	264
GS-1014BN	Sleeve Hanger	264
GS-1014CH	Sleeve Hanger (2 Hole)	263
GS-1014E	Sleeve Hanger	264
GS-1024B	Sleeve Hanger	264
GS-1044B	Sleeve Hanger	264
GS-11	Adjustable Slide Pipe Union	220
GS-1250A	End Snap Rest	244
GS-1250B	End Snap Rest	244
GS-2070C	Pipe Plug	246
GS-2070C-C07	Pipe Plug	246
GS-2070C-C09	Pipe Plug	246
GS-2070C-C10	Pipe Plug	246
GS-2070C-C20	Pipe Plug	246
GS-2070C-S07	Pipe Plug	246
GS-2070C-S10	Pipe Plug	246
GS-2070C-S12	Pipe Plug	246
GS-2070D	Slide Pipe Plug	246
GS-2070D-C07	Slide Pipe Plug	246
GS-2070D-C20	Slide Pipe Plug	246
GS-2070D-S07	Slide Pipe Plug	246
GS-2070D-S10	Slide Pipe Plug	246
GS-2070D-S12	Slide Pipe Plug	246
GS-2070E	Slide Pipe Plug	246
GS-2070E-C09	Slide Pipe Plug	246
GS-A33	Slide Pipe Mount	217
GS-AN	Slide Pipe Mount	217
GS-B-1	Slide Pipe Mount / Tap top	217
GS-B33	Slide Pipe Mount / Tap top	217
GS-B33-1	Slide Pipe Mount / Tap top	218
GS-BN	Slide Pipe Mount / Tap top	217
GS-C	Slide Pipe Mount Guide Bracket	218
GS-D	Slide Pipe Mount / Drop top	218
GS-D33	Slide Pipe Mount / Drop top	218
GS-E	Slide Pipe Mount Guide Bracket	218
GS-F	Box Guide Mount Bracket	219
GS-F40	Box Guide Mount Bracket	219
GS-G1	Box Guide Mount Bracket	219
GS-G2	Box Guide Mount Bracket	219
GS-HN	Slide Pipe Mount	220
GS-HP	Slide Pipe Mount	220
	H	
HC-1	Pipe Hand Cutter	288
HC28A	Hole Cup-A	296
HC40	Hole Cup	296
HD-80	Handle	290
HG-143 BK	Hand Grip	99
HG-143 PG	Hand Grip	99
HG-144	Plastic Hand Grip	99
HG-D	Hinge Metal	298
HG-D-BR	Hinge Metal	298
HK28WA	Pipe Rest	245
HK28WB	Pipe Rest	245
HK28WC	Pipe Rest	246
HM28YA	Hanger Metal	265
HM28YB	Hanger Metal	265
HP-30L	Holder Panel	300
HP-30R	Holder Panel	300
	I	
IN304	Insert Nut	287
IN305	Insert Nut	287
IN306	Insert Nut	287
IN404	Insert Nut	287
IN405	Insert Nut	287
IN406	Insert Nut	287
IN408	Insert Nut	287
IN416	Insert Nut	287
	K	
KH-200-4	Floor Lock	242
KH-200-5	Floor Lock	242
KH-200-6	Floor Lock	242
KH-200-8	Floor Lock	242
KH-200-Stainless	Floor Lock	242
	L	
L-500	Lift Table Rail	290
L-750	Lift Table Rail	290
LA 215*160	2 Hole Label Case	275
LA 300*100	4 Hole Label Case	275
LA2 300*100	2 Hole Label Case	275
LA-A3 430*320	4 Hole Label Case	275
LA-B 300*120	4 Hole Label Case	275
LA-C 300*220	4 Hole Label Case	275
LA-C2 220*300	2 Hole Label Case	275
LA-D 150*60	1 Hole Label Case	275
LA-D3 150*60	3 Hole Label Case	275
LAD-A	Lifting Action Locking Device	99
LA-E 210*100	3 Hole Label Case	275
LA-G 230*95	3 Hole Label Case	275
LA-H 170*135	1 Hole Label Case	275
LA-P 136*40	1 Hole Label Case	275
LA-R 105*100	1 Hole Label Case	275
LC 180*85	1 Hole Label Case	275
LC 250*100	4 Hole Label Case	275
LC 250*80	4 Hole Label Case	275
LC-B 210*80	3 Hole Label Case	275
LK28A	Pipe Connector (Coated Pipe)	302
LK28B	Pipe Connector (Coated Pipe t0.7)	302
LK28S	Pipe Connector (STS/ECCO Pipe)	302
LP2800	ELF Plate	94
LRA-19	Roller for Pipe Roller Guide	100
LS2809	L-Slide Pipe	6
LS2809-E	ESD L-Slide Pipe	6
LS2810	L-Slide Pipe	6
LS2810-E	ESD L-Slide Pipe	6
LT-500	Lift Table	289
LT-750	Lift Table	289
	M	
MB-15	Monitor Bracket (VESA Hole standard)	291
MCA-305A	Back Stopper Bracket	232
MCA-308A	Manual Box Stopper	232
MCA-308B	Manual Box Stopper	232
MCP-B3-L	Mount Corner Plate-Left	249
MCP-B3-R	Mount Corner Plate-Right	249
MCP-C3	Mount Center Plate	249

INDEX

Part No.	Part Name (KR)	Page
MCP-E	Mount Corner Plate	250
MCP-F-A	Metal Corner Plate	250
MCP-F-B	Metal Corner Plate	250
MCP-G	Metal Corner Plate	250
MCP-HN-L	Mount Corner Plate-Left	251
MCP-HN-R	Mount Corner Plate-Right	251
MCP-KN	Mount Center Plate	251
MCY-304A	Metal Stopper	294
MCY-304B	Name Plate Holder	296
MCY-306A	Pipe Anchor Bracket	295
MCY-A301	One Touch Stopper-Right	231
MCY-E301	One Touch Stopper-Left	231
MCY-N302	Corner Bumper	298
MG21JE-S	Separator	300
MJC-G1	Metal Joint Cover	266
MJC-G2	Metal Joint Cover	266
MJC-G3	Metal Joint Cover	266
MJC-G4	Metal Joint Cover	266
MJC-G6S	Metal Joint Cover	266
MJC-G7A	Metal Joint Cover	267
MJC-G7B	Metal Joint Cover	267
N		
NP-A	Name Plate	272
NP-B	Name Plate	272
NP-C	Name Plate	272
NP-D	Name Plate	272
NP-E	Name Plate	272
NP-F	Name Plate (Requires GAP-58)	273
NP-F40	Name Plate (Requires GAP-58)	273
NP-G	Name Plate (Requires GAP-58)	273
NP-H	Name Plate (Double-sided adhesive tape type)	273
NP-K	Name Plate	274
NP-L	Name Plate (Double-sided adhesive tape type)	274
NP-M	Name Plate	274
NP-R	Name Plate	273
O		
OB28AN	Thread Insert	279
OB28BN	Thread Insert	279
P		
P363S-3	Top Plate Type Caster	238
P363S-3S	Top Plate Type Caster	238
P4040A	40X40 Aluminum Profile	160
P4080A	40X80 Aluminum Profile	160
P4080B	40X80 Aluminum Profile	160
P4545A	45X45 Aluminum Profile	161
P4545B	45X45 Aluminum Profile	161
P4545C	45X45 Aluminum Profile	161
P503R-1	Top Plate Type Caster	238
P503R-2	Top Plate Type Caster	238
P503S-1	Top Plate Type Caster	238
P503S-1B	Top Plate Type Caster	238
P503S-1DB	Top Plate Type Caster	238
P503S-2	Top Plate Type Caster	238
P503S-2B	Top Plate Type Caster	238
P503S-2DB	Top Plate Type Caster	238
P504R-1	Top Plate Type Caster	238
P504R-2	Top Plate Type Caster	238
P504S-1	Top Plate Type Caster	238
P504S-1B	Top Plate Type Caster	238
P504S-1DB	Top Plate Type Caster	238
P504S-2	Top Plate Type Caster	238
P504S-2B	Top Plate Type Caster	238
P504S-2DB	Top Plate Type Caster	238
P505R-1	Top Plate Type Caster	238

Part No.	Part Name (KR)	Page
P505R-2	Top Plate Type Caster	238
P505S-1	Top Plate Type Caster	238
P505S-1B	Top Plate Type Caster	238
P505S-1DB	Top Plate Type Caster	238
P505S-2	Top Plate Type Caster	238
P505S-2B	Top Plate Type Caster	238
P505S-2DB	Top Plate Type Caster	238
P624R-2	Top Plate Type Caster	239
P624S-2	Top Plate Type Caster	239
P624S-2B	Top Plate Type Caster	239
P625R-2	Top Plate Type Caster	239
P625S-2	Top Plate Type Caster	239
P625S-2B	Top Plate Type Caster	239
P626R-2	Top Plate Type Caster	239
P626S-2	Top Plate Type Caster	239
P626S-2B	Top Plate Type Caster	239
P664R-2	Top Plate Type Caster	239
P664S-2	Top Plate Type Caster	239
P664S-2B	Top Plate Type Caster	239
P665R-2	Top Plate Type Caster	239
P665S-2	Top Plate Type Caster	239
P665S-2B	Top Plate Type Caster	239
P666R-2	Top Plate Type Caster	239
P666S-2	Top Plate Type Caster	239
P666S-2B	Top Plate Type Caster	239
P686R-2	Top Plate Type Caster	239
P686S-2	Top Plate Type Caster	239
P686S-2B	Top Plate Type Caster	239
P688R-2	Top Plate Type Caster	239
P688S-2	Top Plate Type Caster	239
P688S-2B	Top Plate Type Caster	239
PA503R-1	Top Plate Type Cater for AL Rack	241
PA503R-2	Top Plate Type Cater for AL Rack	241
PA503S-1	Top Plate Type Cater for AL Rack	241
PA503S-1B	Top Plate Type Cater for AL Rack	241
PA503S-2	Top Plate Type Cater for AL Rack	241
PA503S-2B	Top Plate Type Cater for AL Rack	241
PA504R-1	Top Plate Type Cater for AL Rack	241
PA504R-2	Top Plate Type Cater for AL Rack	241
PA504S-1	Top Plate Type Cater for AL Rack	241
PA504S-1B	Top Plate Type Cater for AL Rack	241
PA504S-2	Top Plate Type Cater for AL Rack	241
PA504S-2B	Top Plate Type Cater for AL Rack	241
PA505R-1	Top Plate Type Cater for AL Rack	241
PA505R-2	Top Plate Type Cater for AL Rack	241
PA505S-1	Top Plate Type Cater for AL Rack	241
PA505S-1B	Top Plate Type Cater for AL Rack	241
PA505S-2	Top Plate Type Cater for AL Rack	241
PA505S-2B	Top Plate Type Cater for AL Rack	241
PC-01	Pipe-Cover Plastic Channel	283
PC-02	Pipe-Cover Plastic Channel	283
PC-A	Base Lock Metal	260
PC-BN	Pipe Clamp (Single Mount)	260
PC-CN	Pipe Clamp (Double Mount)	260
PC-D	Pipe Lock Metal	261
PC-E	Pipe Clamp	261
PFG-28A	Panel Frame Guide	284
PFG-28B	Panel Frame Guide	284
PFG-28C	Panel Frame Guide	284
PFG-28D	Panel Frame Guide	284
PFG-28E	Panel Frame Guide	284
PFG-28F	Panel Frame Guide	285
PFG-28G	Panel Frame Guide	285
PFG-P20	Panel Frame Guide	285

INDEX

Part No.	Part Name (KR)	Page
PFG-P30	Panel Frame Guide	285
PFG-P40	Panel Frame Guide	285
PGC-28A	Groove Cover (For AGP-28A/B)	58
PGC-28B	Groove Cover (For AGP-28A/B/C)	58
PGT-28B	Groove Cover (For AGP-28A/B/C)	58
PH-A	Hanger	262
PH-B	Hanger	262
PH-B1	Hanger	262
PH-C	Hanger	263
PH-D	Hanger	263
PHR-28	Hang Roller	297
PK-1	Pipe Cutter Knife	288
PR-01	Pipe Roller - L	188
PR-02	Pipe Roller - S	188
PRC-100A	Roller Track Cap	192
PRC-25A	Roller Track Cap	190
PRC-35	Roller Track Cap	190
PRC-40	Roller Track Cap	190
PRC-40G	Roller Track Cap	190
PRC-40J	Roller Track Cap	190
PRC-40R	Roller Track Cap	191
PRC-60	Roller Track Cap	191
PRC-60A	Roller Track Cap	191
PRC-60B	Roller Track Cap	191
PRC-60G	Roller Track Cap	191
PRC-85A	Roller Track Cap	192
PRC-85G	Roller Track Cap	192
PRG-2805B	Pipe Roller Guide (with Cover)	100
PRG-2810B	Pipe Roller Guide (with Cover)	100
PRG-2820B	Pipe Roller Guide (with Cover)	100
PRG-2830B	Pipe Roller Guide (with Cover)	100
PS-A	Rotating Cross Joint	293
PS-B	Rotating Cross Joint	293
PS-C	Rotating Cross Joint	293
PSG-02B	Plastic Sheet Guide	95
Q		
Q-413L	45 ° Quick Joint (Only 40X40)	156
Q-413R	45 ° Quick Joint (Only 40X40)	156
Q-445	45 ° Quick Joint	156
Q-490	90 ° Quick Joint	155
Q-513L	45 ° Quick Joint (Only 45X45)	156
Q-513R	45 ° Quick Joint (Only 45X45)	156
QA-413	45 ° Quick Joint (Only 40X40)	156
QA-445	45 ° Quick Joint	156
QA-490	90 ° Quick Joint	155
QA-513	45 ° Quick Joint (Only 45X45)	156
QS-28	Quick Stopper	233
R		
R-A	Handle (Round Type)	265
RB-2880A	Ring Bumper	299
RB-3480A	Ring Bumper	299
RB-AD37	Rubber Pad (For AD32W)	277
RB-AD45	Rubber Absorbent Pad (For AD32W)	277
RC2809	W-Pipe (Roller Conveyor)	6
RCP-32	Roller Conveyor Pulley Bearing	294
RF-01	Rubber Foot	280
RF-01E	Rubber Foot	280
RF-02	Rubber Foot	280
RF-02 ESD	Rubber Foot	280
RF-02(Soft)	Rubber Foot	280
RF-2828A	Rubber Foot for 28x28	134
RG-35B	Box Guide	221
RG-40A	Box Guide	221
RG-40B	Box Guide	221
RG-40B40	Box Guide	222
RG-40C	Box Guide	222
RG-40D	Box Guide	222
RG-40E	Box Guide	222
RQ-B	Rear Haul Ass'y-Quicking Type	258
RQ-C	Rear Haul Ass'y-Quicking Type	259
RS-28	Safety Reflector	300
RS-A	Real Haul Ass'y-Spring Type	257
RS-AN-1	Rear Haul Ring Ass'y	259
S		
S2807A	Polished Pipe	6
S2809A	Polished Pipe	6
S2812A	Polished Pipe	6
SA033A	Mount Bracket (General Use)	85
SA052A	Mount Bracket (General Use)	85
SA619D	Slot Adaptor (for T-Slot Pipe)	109
SA622A	Slot Adapter (for T-Slot Pipe)	86
SA628A	Slot Adaptor (for 40x40 AL Profile)	85
SA640A	Slot Adaptor (for 40x40 AL Profile)	85
SA822A	Slot Adapter (for T-Slot Pipe)	86
SA822C	Slot Adapter (for T-Slot Pipe)	86
SA830C	Slot Adapter (for T-Slot Pipe)	86
SA832A	Slot Adaptor (for 45x45 AL Profile)	85
SA845A	Slot Adaptor (for 45x45 AL Profile)	85
SA845B	Slot Adaptor (for 45x45 AL Profile)	85
SC-2845	Shaft Cylinder	293
SD2805	STS D-Coated Pipe	6
SG-01	Sheet Guide	222
SG-02	Sheet Guide	223
SG-03	Sheet Guide	223
SG-2860A	Box Guide	221
SG-28A	Box Guide	221
SN205	Spring Nut	166
SN304	Spring Nut	287
SN305	Spring Nut	287
SN306	Spring Nut	287
SN404	Spring Nut	287
SN405	Spring Nut	287
SN406	Spring Nut	287
SN408	Spring Nut	287
SP2809	Spiral Pipe	6
SPS-0635	Spring Shaft	84
SR-40	Stop Roller	188
SR-60A	Stop Roller	188
SR-85A	Stop Roller	188
T		
T302S-1	Threaded Stem Type Caster	235
T302S-1B	Threaded Stem Type Caster	235
T302S-E	Threaded Stem Type Caster	235
T3625S-1	Threaded Stem Type Caster	235
T3625S-1B	Threaded Stem Type Caster	235
T3625S-2	Threaded Stem Type Caster	235
T3625S-2B	Threaded Stem Type Caster	235
T3625S-4	Threaded Stem Type Caster	235
T3625S-4B	Threaded Stem Type Caster	235
T3625S-E	Threaded Stem Type Caster	235
T363S-1	Threaded Stem Type Caster	235
T363S-1B	Threaded Stem Type Caster	235
T363S-3	Threaded Stem Type Caster	235
T363S-3B	Threaded Stem Type Caster	235
T363S-4	Threaded Stem Type Caster	235
T363S-4B	Threaded Stem Type Caster	235
T363S-E	Threaded Stem Type Caster	235
T503S-1	Threaded Stem Type Caster	236

T503S-1B	Threaded Stem Type Caster	236
T503S-2	Threaded Stem Type Caster	236
T503S-2B	Threaded Stem Type Caster	236
T503S-E	Threaded Stem Type Caster	236
T504S-1	Threaded Stem Type Caster	236
T504S-1B	Threaded Stem Type Caster	236
T504S-2	Threaded Stem Type Caster	236
T504S-2B	Threaded Stem Type Caster	236
T504S-E	Threaded Stem Type Caster	236
TC-28	Tool Cap	293
TH40PA	Tool Holder	268
TH50PA	Tool Holder	268
TH50YA	Tool Holder	268
TH60PA	Tool Holder	268
TH60PB	Tool Holder	268
TH65YA	Tool Holder	268
TM16-500	Lift Table Screw Ass'y	290
	U	
UR4050-AL	Universal Roller Track 40 Series (Pitch: 50)	187
UR6067-AL	Universal Roller Track 60 Series (Pitch: 67)	187
	W	
WEIGHT	Weight for Automation	101
WL-250	Wire Latch	301
WR-19/22	Spanner for Caster	291
WR-200	Wire Rack	301
WR-300	Wire Rack	301
WR-400	Wire Rack	301
WT-2802	Weight for Automation	101
WT-2802B	Weight for Automation	101
WT-4305	Weight for Automation	101
WT-4305B	Weight for Automation	101
WT-4310	Weight for Automation	101
WT-4310B	Weight for Automation	101
WT-4320	Weight for Automation	101
WT-4320B	Weight for Automation	101
	Z	
Z2808	Powder Pipe	6



G.S.ACE INDUSTRY CO., LTD.

http://www.gsace.com
E-mail : gsace@gsace.com

KOREA

HEAD OFFICE / FACTORY
13-7, Galcheonunmal-gil, Hyangnam-eup, Hwaseong-si, Gyeonggi-do, Korea
(404-1, Songgok-ri)
TEL:+82-31-350-3000 FAX:+82-31-350-3010

CHANGWON FACTORY
13-38, Gongdan-ro 166beon-gil, Seongsan-gu, Changwon-si,
Gyeongsangnam-do, Korea(Sinchondong)
TEL:+82-55-267-8844~5 FAX:+82-55-267-7704

VIETNAM

HO CHI MINH FACTORY
Lot No.504, Road 13, Long Binh Industrial Park (Amata),
Long Binh Ward, Bien Hoa City, Dong Nai Province, Vietnam.
TEL:+84-2513-891-315 FAX:+84-2513-891-327