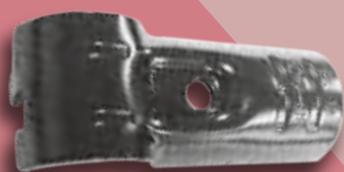
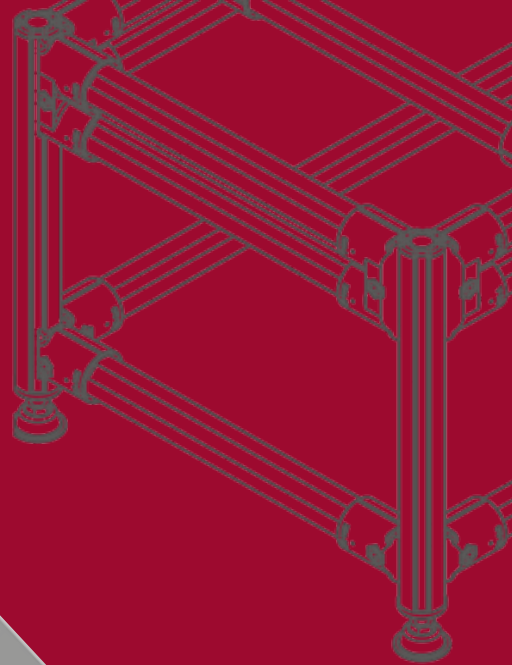


Flexo Line

www.atsourcing.fr



PIPE RACKING SYSTEM

AT SOURCING

ISO 9001/ISO 14001 Certified

PIPES by

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JOINTS by

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CASTERS by

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ACCESSORIES by

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PIPES



pipes

DP = Double Coated Pipe
 EP = COATED esd Pipe
 CS = Normal Coasted Flat Pipe
 ES = Coated ESD slide Pipe
 CF = NORMAL COATED Flat Pipe
 EF = Coated ESD Stripe pipe
 CL = Coated Black stripe Pipe
 FS = Full Slide Pipe
 LS = L - Slide Pipe
 SP = Spiral Pipe
 S = STS Pipe

DP28 07 X
 exemple : case of coated pipe Ivory Ø28 x t1.0 is DP2810-i

Thickness

07 = t 0.7
 09 = t 0.9
 10 = t 1.0
 20 = t 2.0

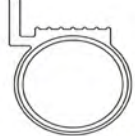
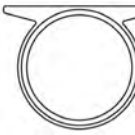
Color
Code

I = Ivory
 N = Green
 U = Blue
 S = Sky Blue
 K = Dark Blue
 G = Gray
 M = Metallic gray
 Y = Dark gray
 B = Black
 L = Black tripe ESD Ivory
 W = white
 R = Red
 O = Orange
 A = Brown
 RG = Rock Gray
 YE = Yellow
 P = Pink

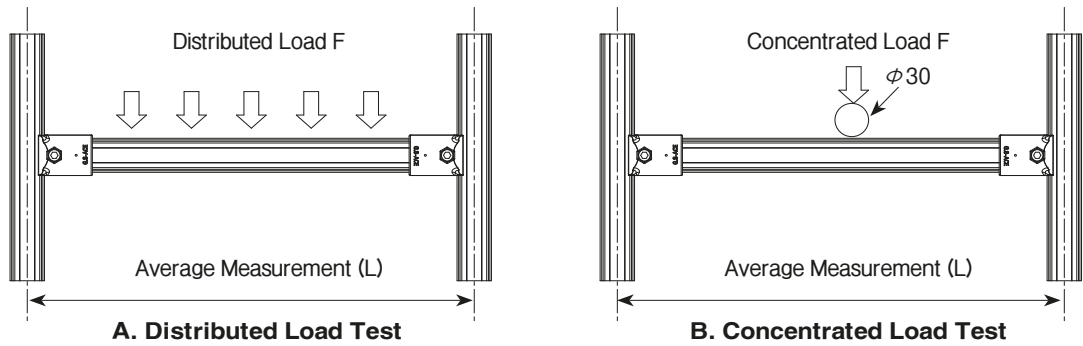
COLOR TABLE

CLASSIFICATION STANDARD COLOR		Standard Length : 4000	
		Coated Pipe	
		Ø 28 X T1.0	Ø 28 X T2.0
Normal Pipe	Ivory		✓
	Green		✓
	Blue		✓
	Sky Blue		✓
	Dark Blue		✓
	Gray		✓
	Rock Gray		✓
	Dark Gray		✓
	Black		✓
	White		✓
	Red		✓
ESD Pipe 10³Ω~10⁶Ω	Orange		✓
	Yellow		✓
	Pink		✓

NUMBERING SYSTEM

Classification	Item	Part No		Thickness	Weight (g) / M	Type	
		Normal	ESD				
Coated Pipe	D-Coated Pipe	DP2810-X	EP2810-X	Ø28 x T1.0	700		
		DP2820-X	EP2820-X	Ø28 x T2.0	1.130		
		DP3210-X	-	Ø32 x T1.0	810		
	Slide Pipe	CS2810-X	ES2810-X	Ø28 x T1.0	757		
	Full Slide Pipe	FS2807-X	FS2807-E	Ø28 x T0.7	505		
		FS2809-X	FS2809-E	Ø28 x T0.9	630		
	L. Slide Pipe	LS2810-X	LS2810-E	Ø28 x T1.0	500		
	Flat Pipe	CF2807-X	EF2807-X	Ø28 x T0.7	505		
		CF2810-X	EF2810-X	Ø28 x T1.0	690		
	Black Stripe Pipe	—	CL2807-X	Ø28 x T0.7	505		
		—	CL2810-X	Ø28 x T1.0	690		
	Tube W	RC2809 (Roller Conveyor)		Ø28 x T0.9	630		
	Spiral Pipe	SP2809		Ø28 x T0.9	630		
STS Pipe	Inox	S2807-PF		Ø28 x T0.7	448		
		S2812 - PF S2812-201 (inox non magnétique)		Ø28 x T1.2	760		

PIPE BENDING STRENGTH

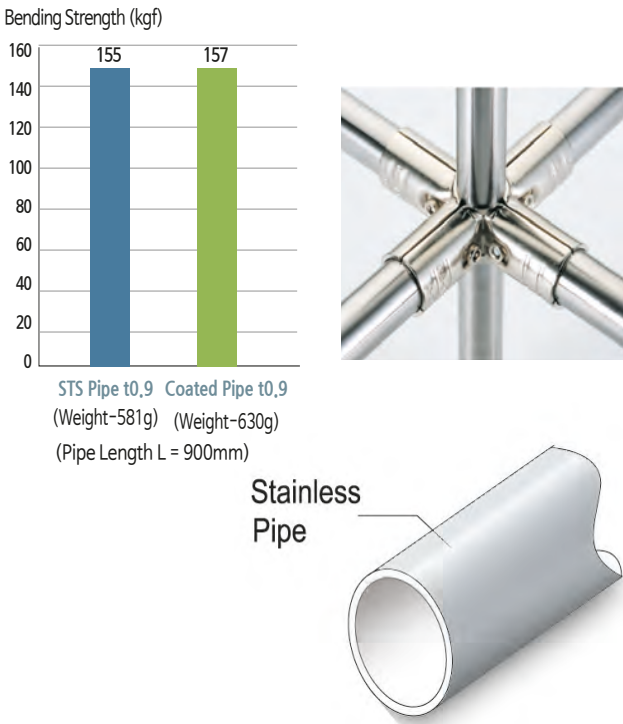


MODEL	TYPE		A. Distributed Load (kgf)			B. Concentrated Load (kgf)		
			L=270mm	L=900mm	L=1500mm	L=270mm	L=900mm	L=1500mm
AP2812SP			370	120	50	280	90	40
AP2820SP		X	370	120	50	280	90	40
		Y	500	150	70	380	110	45
AP2829SP			520	160	80	400	120	50
AR2812SP			300	130	60	240	90	40
AR2829SP			470	170	70	380	130	50
AT2829SP			570	140	100	400	100	60
AFS2812SA			280	130	60	190	90	40
ATF2812SP			380	140	60	290	100	50
ALF2812SP			360	140	60	270	100	50
AD2812SP		X	520	400	220	380	260	100
		Y	870	250	130	620	160	60
AD2829SP		X	680	550	310	500	360	150
		Y	1100	410	220	810	230	100

THE ADVANTAGES OF STAINLESS PIPE

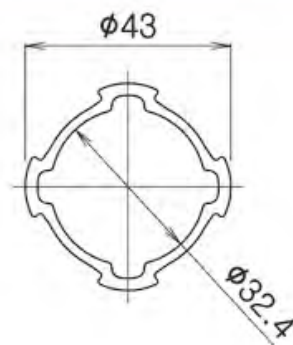
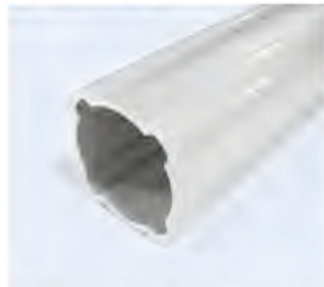
- 1. Environmental
 - Stainless pipe which is 100% recycable
- 2. High Strength & Durability
 - Surface resistant to light abrasion or contact with metal tools
- 3. High Oil & Chemical Resistance
 - High resistance to oil, solvents, bleaches, etc.
- 4. Non-Flammable
 - Inherently non-flammable.
- 5. Conductive
 - Inherently conductive

STS PIPE VS. COATED PIPE BENDING STRENGTH



ALUMINIUM PIPES Ø 43

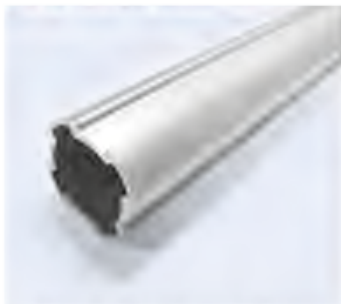
AP4319SP Regular Duty Pipe



- Weight: 0.735kg/m, External Diameter Ø43

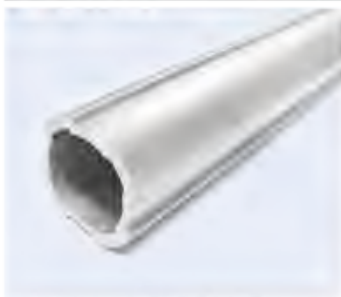
ALUMINIUM PIPES Ø 28

AP2812SP Regular Duty Pipe



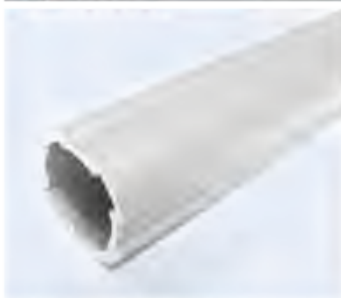
- Weight: 0.378kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

AP2829SP Heavy Duty Pipe



- Weight: 0.479kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

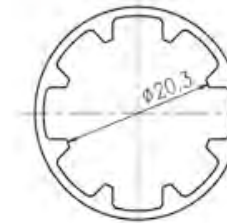
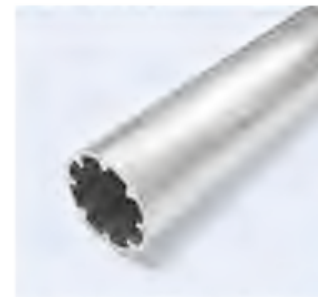
AP2820SP Light Heavy Duty Pipe



- Weight: 0.440kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

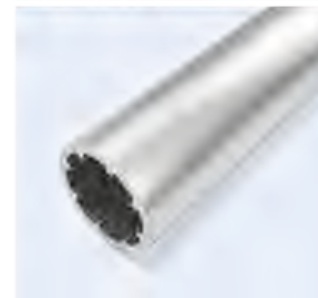


AR2812SP Round Pipe (Regular Duty)



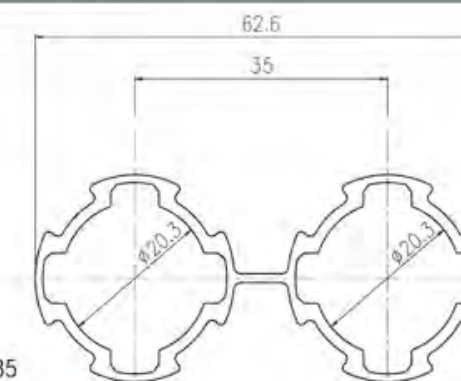
- Weight: 0.377kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

AR2829SP Round Pipe (Heavy Duty)



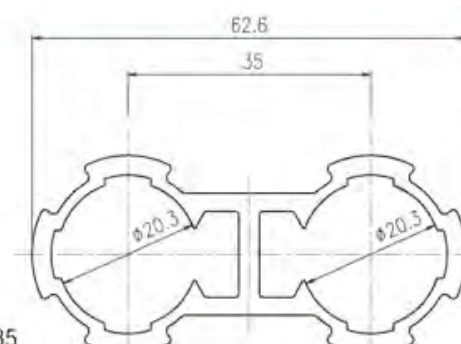
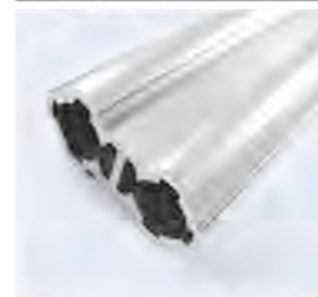
- Weight: 0.495kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

AD2812SP Double Pipe (Heavy Duty)

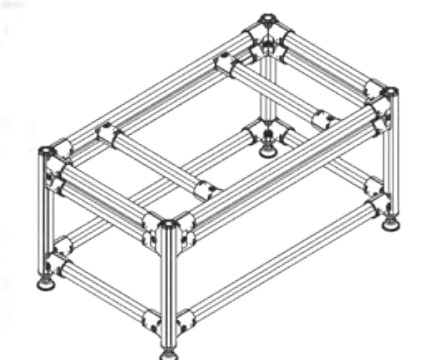


- Weight: 0.784kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

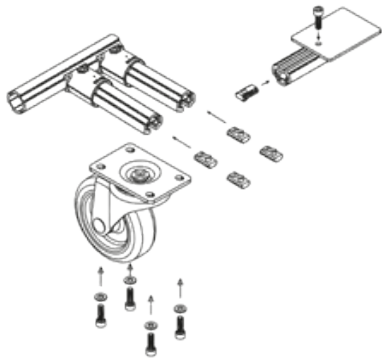
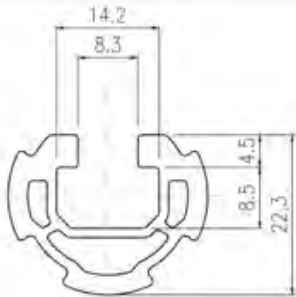
AD2829SP Double Pipe (Extra Heavy Duty)



- Weight: 1.146kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

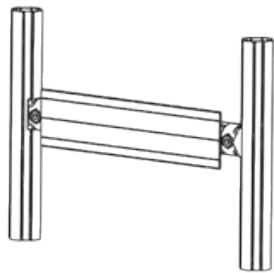
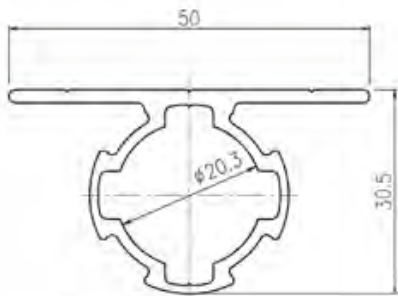


AT2829SP T Slot Pipe



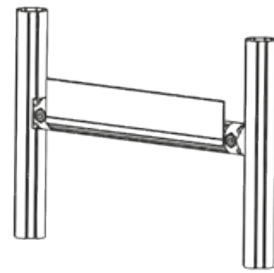
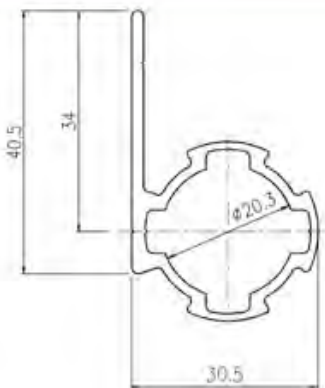
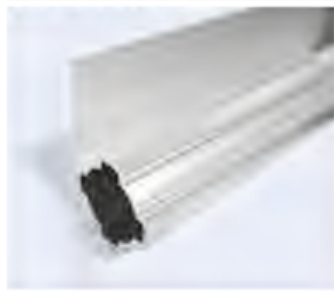
- Weight: 0.605kg/m, External Diameter Ø28
- ※ Spring Nuts (shown in Page 85) can be used in the slot to attach various items.
- ※ Slot will facilitate the linear movement of attached item

ATF2812SP T-Flat Pipe



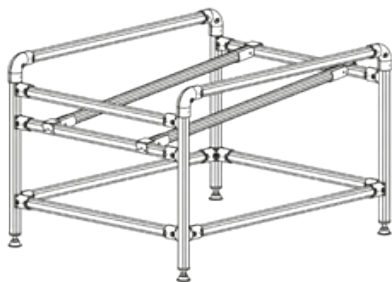
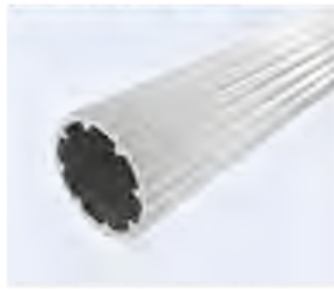
- Weight : 0.681kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

ALF2812SP L-Flat Pipe



- Weight : 0.638kg/m, External Diameter Ø28
- ※ Please refer to the technical data on the page 85

AFS2812SA Full Slide Pipe



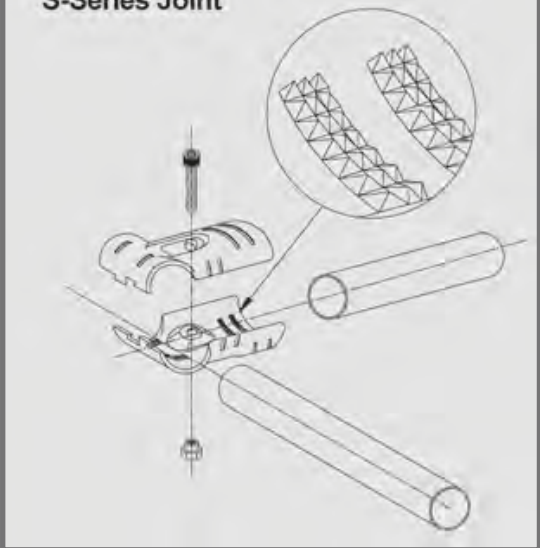
- Weight : 0.377kg/m, External Diameter Ø28
- ※ Sliding Pipe will facilitate the linear movement.

METAL JOINTS



- COLORS
- Black
 - White
 - Nickel

S-Series Joint



METAL JOINTS - SERIES FEATURES

- ✦ Developed and patented design for 28 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 %

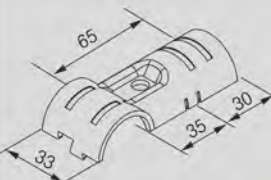
SURFACE TREATMENT & CODE NUMBER

Code	Surface treatment	Remarks
BK	Black Coating	Non Chrome
WZ	Zinc Plating (white)	Cro3
Ni	Nickel Plating	Non Chrome

Unit : mm

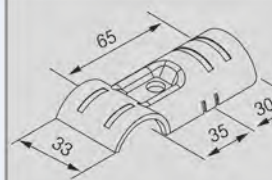
Unit : mm

G-1S



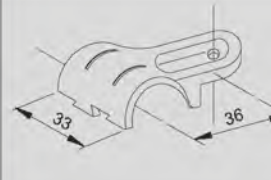
- Weight : 0.068kg
- Q'ty/Box : 240pcs

G-1BS



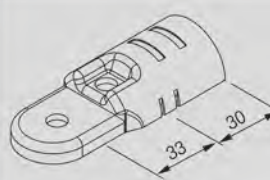
- Weight : 0.061kg
- Q'ty/Box : 240pcs

G-7AS



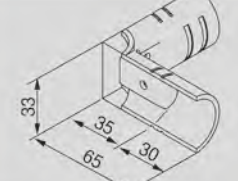
- Weight : 0.044kg
- Q'ty/Box : 300pcs

G-7BS



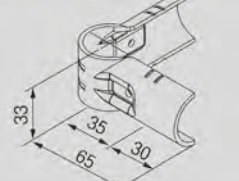
- Weight : 0.052kg
- Q'ty/Box : 300pcs

G-2S



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

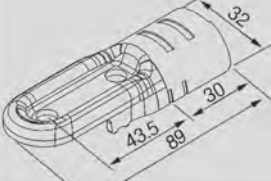
G-3S



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

G-7CS

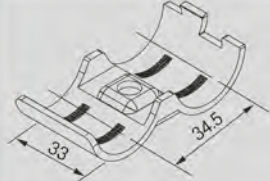
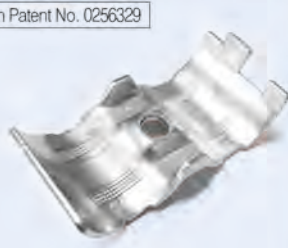
Utility Model Patent



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

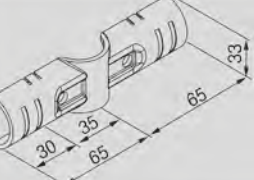
G-8S

Design Patent No. 0256329



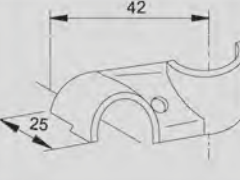
- Weight : 0.049kg
- Q'ty/Box : 300pcs

G-4S



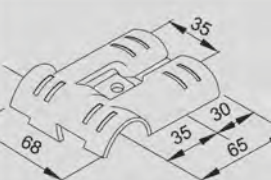
- Weight : 0.105kg
- Q'ty/Box : 180pcs

G-6S



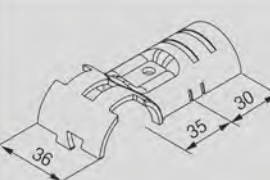
- Weight : 0.048kg
- Q'ty/Box : 180pcs

G-9S



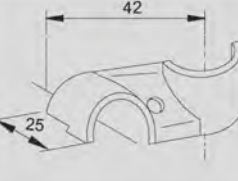
- Weight : 0.120kg
- Q'ty/Box : 100pcs

G-12S



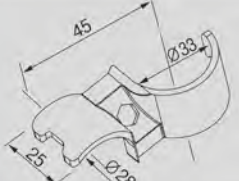
- Weight : 0.060kg
- Q'ty/Box : 210pcs

G-6BS



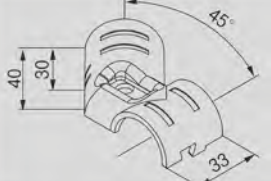
- Weight : 0.042kg
- Q'ty/Box : 240pcs

G-6B-33



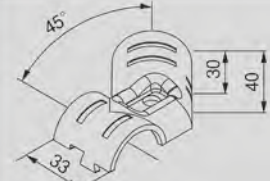
- Weight : 0.046kg
- Q'ty/Box : 180pcs

G-13AS



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

G-13BS

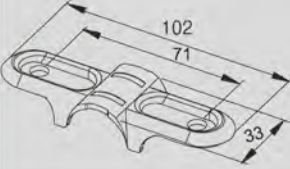


- Weight : 0.062kg
- Q'ty/Box : 160pcs



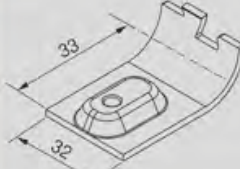
Unit : mm

G-14S



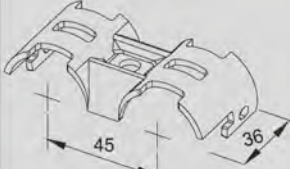
- Weight : 0.052kg
- Q'ty/Box : 260pcs

G - 15AC Back Stopper Bracket



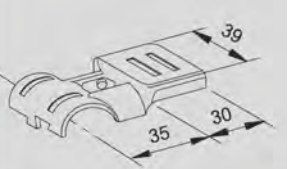
- Weight : 0.032kg
- Q'ty/Box : 500pcs

G-18S



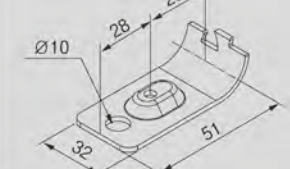
- Weight : 0.057kg
- Q'ty/Box : 180pcs

G-20S



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

G-15AH

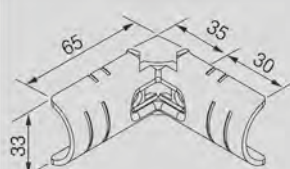


- Weight : 0.046kg
- Q'ty/Box : 300pcs

Example for G-15AH

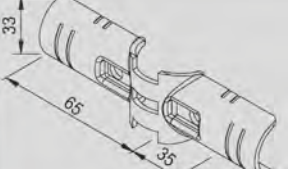


G-22S



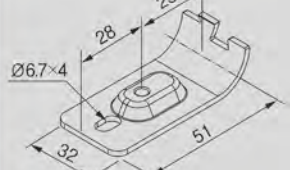
- Weight : 0.085kg
- Q'ty/Box : 150pcs

G-24S



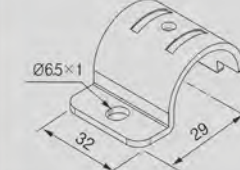
- Weight : 0.092kg
- Q'ty/Box : 150pcs

G-15AS



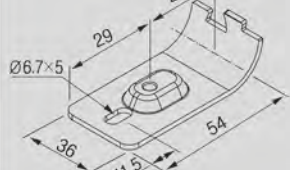
- Weight : 0.040kg
- Q'ty/Box : 480pcs

G-15BS



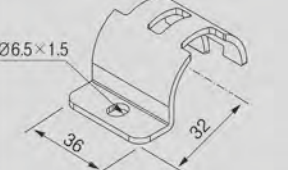
- Weight : 0.037kg
- Q'ty/Box : 480pcs

G-25AS



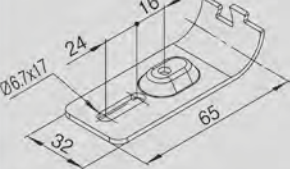
- Weight : 0.050kg
- Q'ty/Box : 360pcs

G-25BS



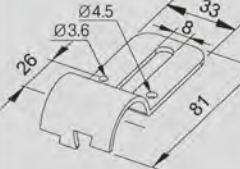
- Weight : 0.043kg
- Q'ty/Box : 360pcs

G-15D



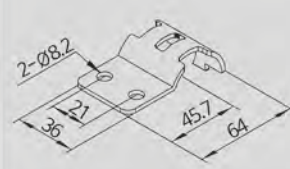
- Weight : 0.048kg
- Q'ty/Box : 300pcs

G-16S



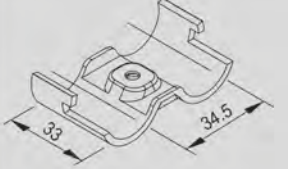
- Weight : 0.049kg
- Q'ty/Box : 300pcs

G-25C



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

G-28

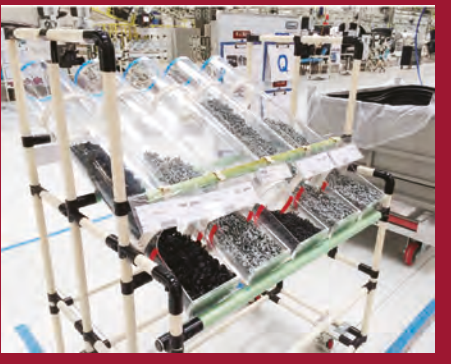
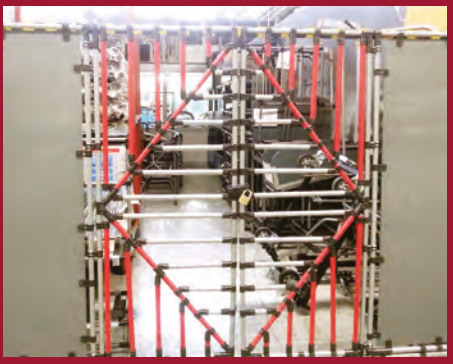


- Weight : 0.050kg
- Q'ty/Box : 240pcs

G-17S

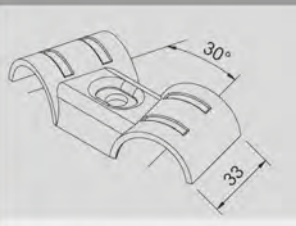


- Weight : 0.057kg
- Q'ty/Box : 200pcs



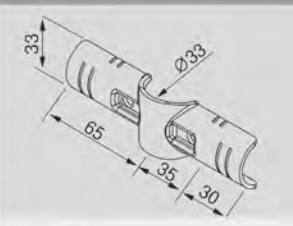
Unit : mm

G-30S



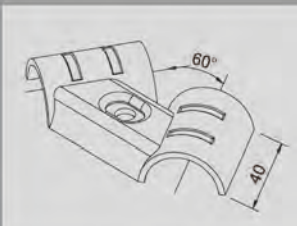
- Weight : 0.060kg
- Q'ty/Box : 240pcs

G-34S



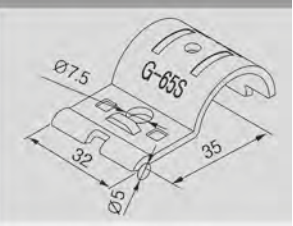
- Weight : 0.105kg
- Q'ty/Box : 180pcs

G-60S



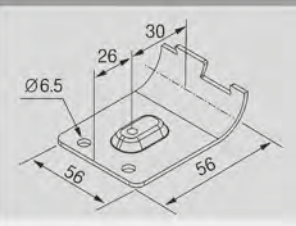
- Weight : 0.076kg
- Q'ty/Box : 200pcs

G-65S For Ø5



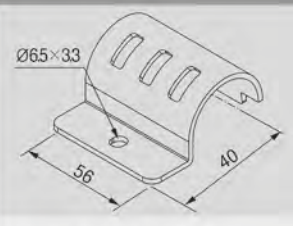
- Weight : 0.038kg
- Q'ty/Box : 480pcs

G-35AS



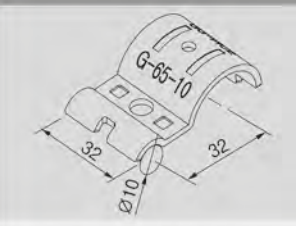
- Weight : 0.080kg
- Q'ty/Box : 240pcs

G-35BS



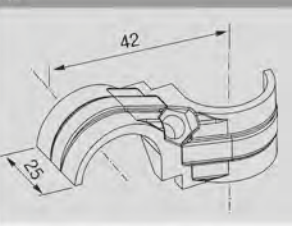
- Weight : 0.075kg
- Q'ty/Box : 240pcs

G-65S-10 For Ø10



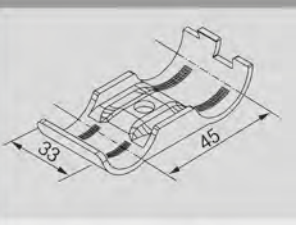
- Weight : 0.0380kg
- Q'ty/Box : 480pcs

G-66 Material : Aluminium



- Weight : 0.042kg
- Q'ty/Box : 160pcs

G-38S

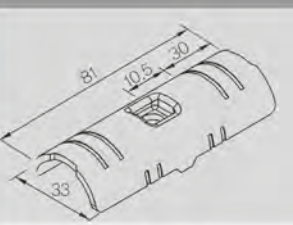


- Weight : 0.057kg
- Q'ty/Box : 300pcs

G-44

Utility Model Patent

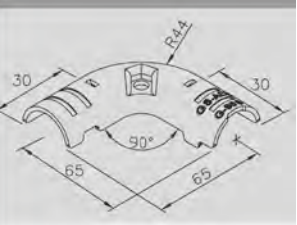
Design Patent



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

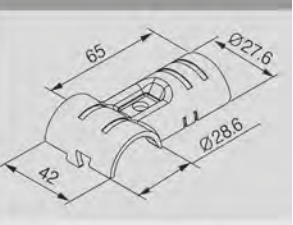
G-90S

Utility Model Patent



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

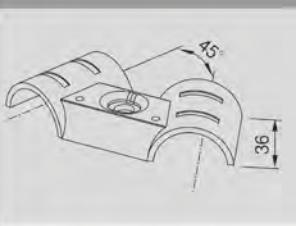
G-101



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

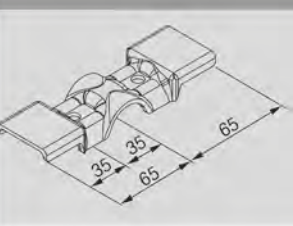
* For Ø28.6

G-45S



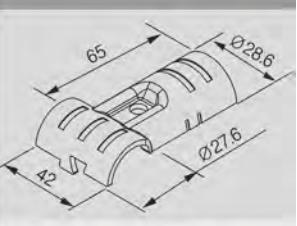
- Weight : 0.071kg
- Q'ty/Box : 200pcs

G-54S



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

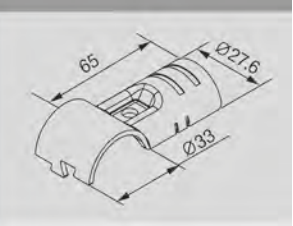
G-102



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

* For Ø28.6

G-103



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

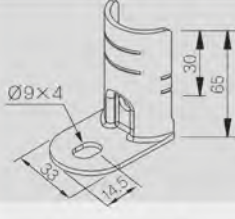
* For connection at the top of joint



Unit : mm

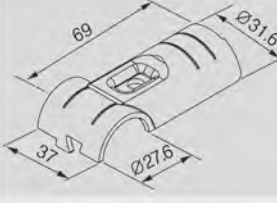
Unit : mm

G-104



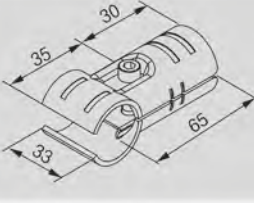
- Weight : 0.070kg
- Q'ty/Box : 240pcs

G-105



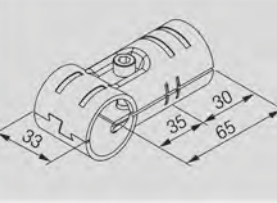
- Weight : 0.080kg
- Q'ty/Box : 200pcs

GA-1BS



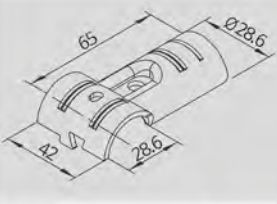
- G-1BS : 2pcs
- M0625/TN06 : 1set

GA-1S



- G-1S : 2pcs
- M0625/TN06 : 1set

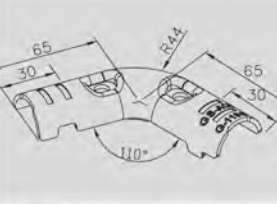
G-106



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

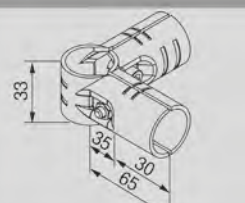
G-110S

Design Patent



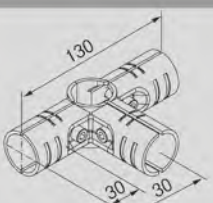
- Weight : 0.103kg
- Q'ty/Box : 100pcs

GA-2S



- G-2S : 1pcs G-3S : 1pcs
- M0625/TN06 : 2set

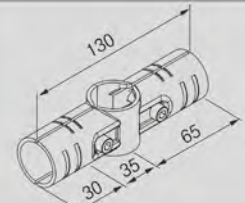
GA-3S



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

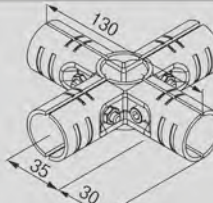


GA-4S



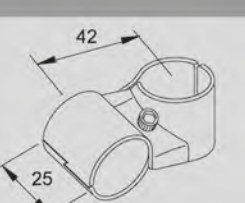
- G-4S : 2pcs
- M0625/TN06 : 2set

GA-5S



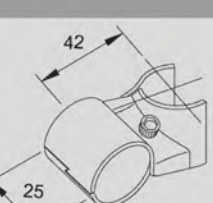
- G-2S : 4pcs
- M0625/TN06 : 4set

GA-6S



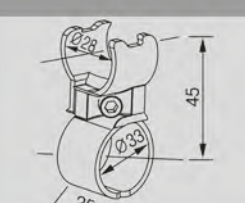
- G-6S : 2pcs
- M0625/TN06 : 1set

GA-6BS



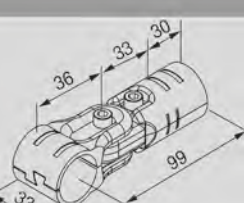
- G-6BS : 2pcs
- M0625/TN06 : 1set

GA-6B-33



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

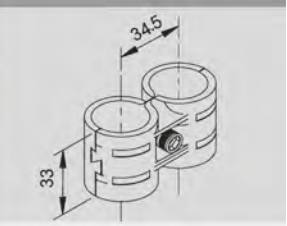
GA-7S



- G-7AS : 2pcs G-7BS : 2pcs
- M0625/TN06 : 2set

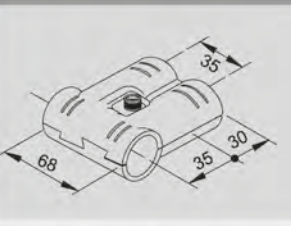
Unit : mm

GA-8S



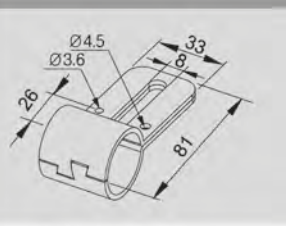
- G-8S : 2pcs
- M0625/TN06 : 1set

GA-9S



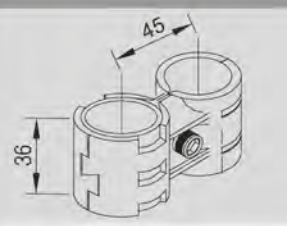
- G-9S : 2pcs
- M0625/TN06 : 1set

GA-16S



- G-16S : 2pcs
- PW8 * 25 : 2pcs

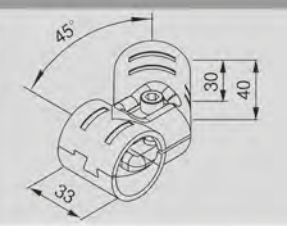
GA-17S



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

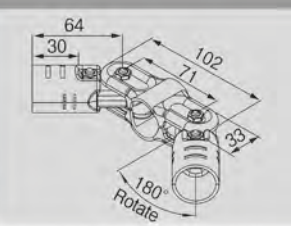
* For one-side fixing

GA-13S



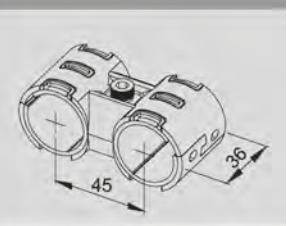
- G-13AS:1pcs G-13BS:1pcs
- M0625/TN06 : 1set

GA-14S



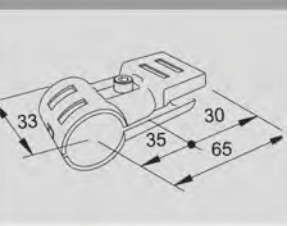
- G-14S:2pcs G7BS:4pcs
- M0625/TN06 : 4set

GA-18S



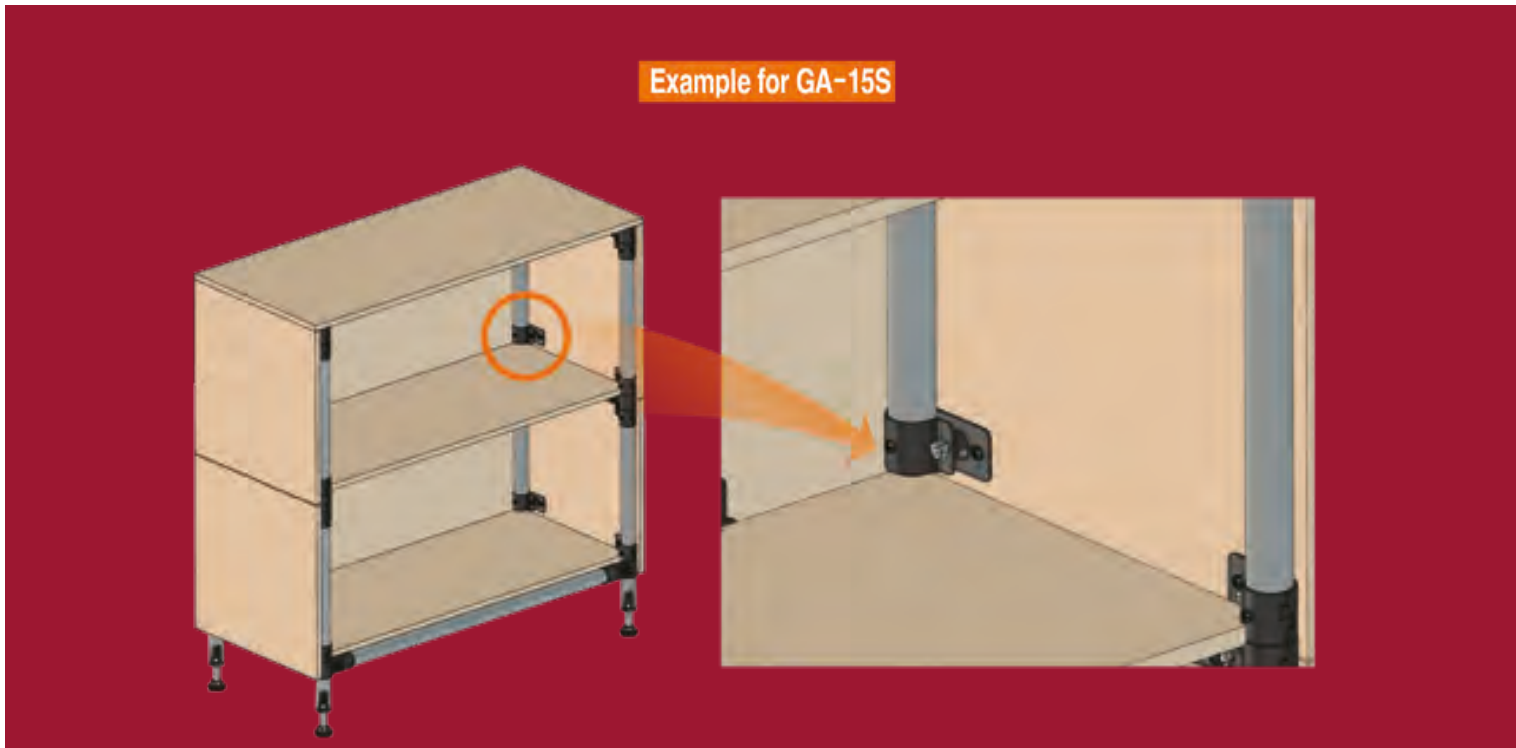
- G-18S : 2pcs GAP-12:2pcs
- M0625/TN06 : 1set

GA-20S

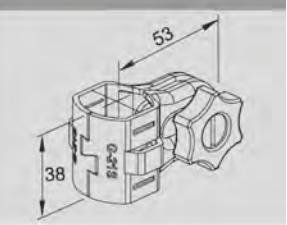


- G-20S : 1pcs G-1S:1pcs
- M0625/TN06 : 1set

Example for GA-15S

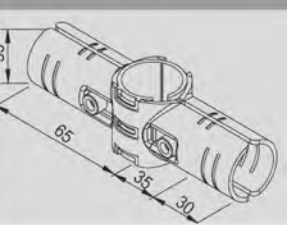


GA-21A



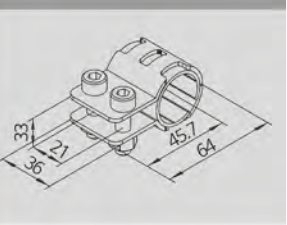
- G-21A : 2pcs
- HM0620/TN06 : 1set

GA-24S



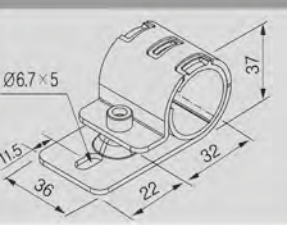
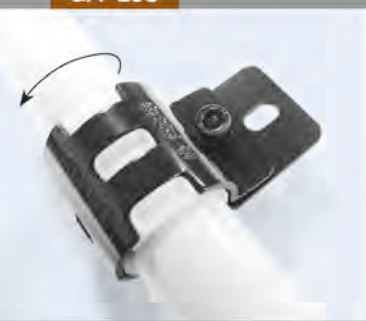
- G-24S : 2pcs GAP-12:1pcs
- M0625/TN06 : 2set

GA-25C



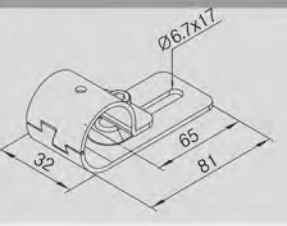
- G-25C:2pcs GAP-12:1pcs
- M0825/N08 : 2set

GA-25S



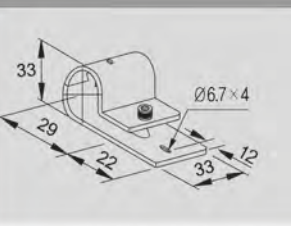
- G-25AS:1pcs G-25BS:1pcs
- GAP-12:1pcs M0610:1pcs

GA-15D



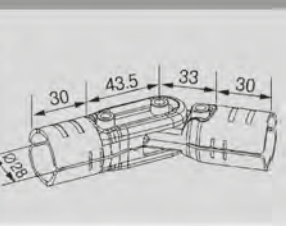
- G-15D : 1pcs G-15BS: 1pcs
- M0610 : 1pcs

GA-15S



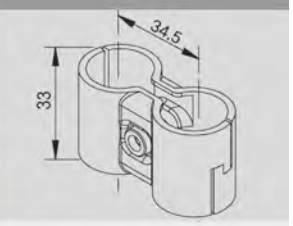
- G-15AS:1pcs G-15BS:1pcs
- M0610 : 1pcs

GA-27S



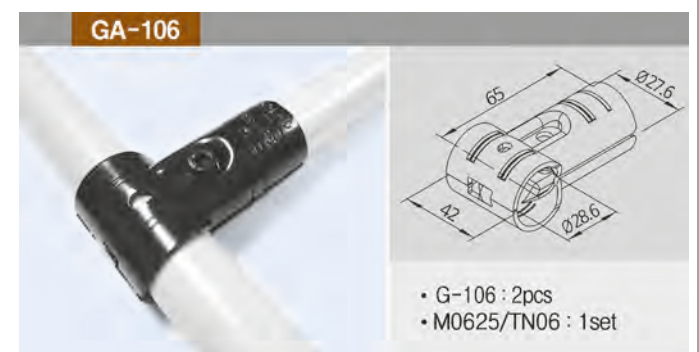
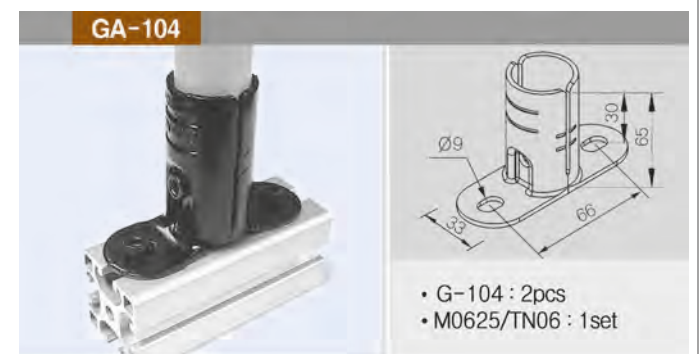
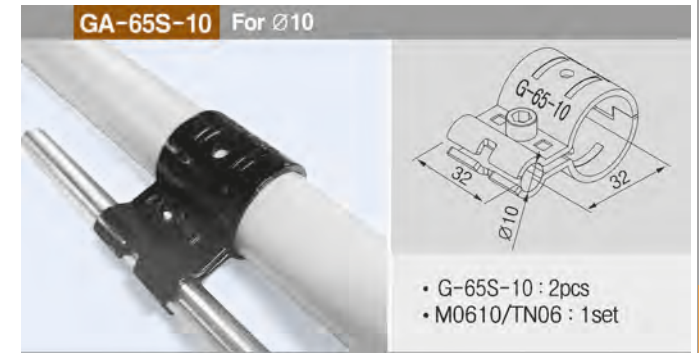
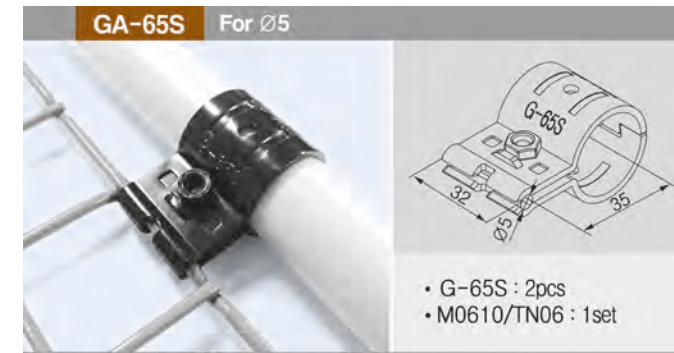
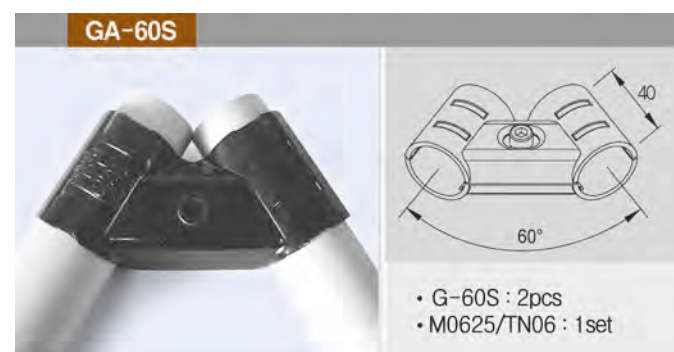
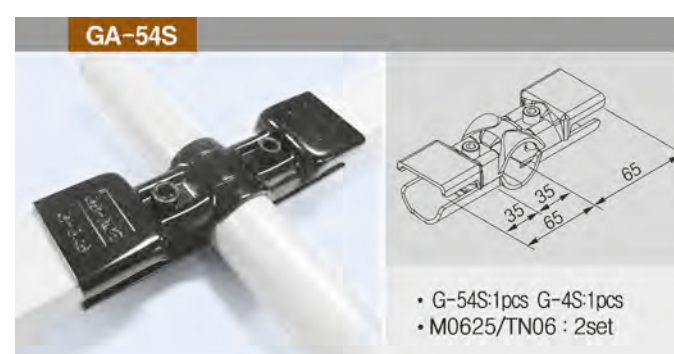
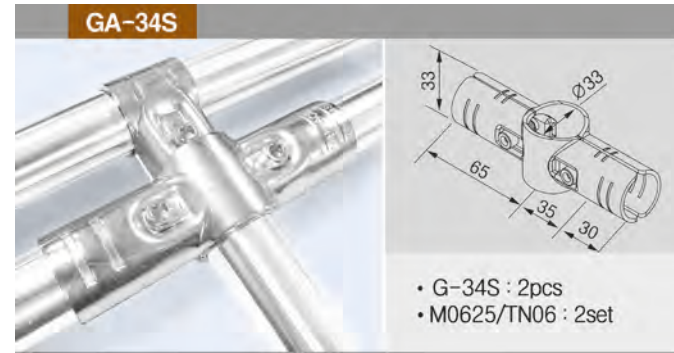
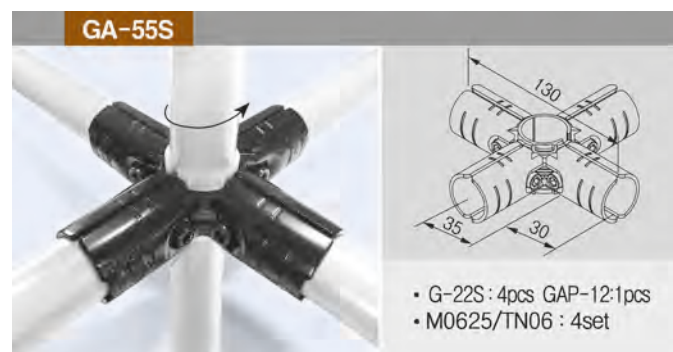
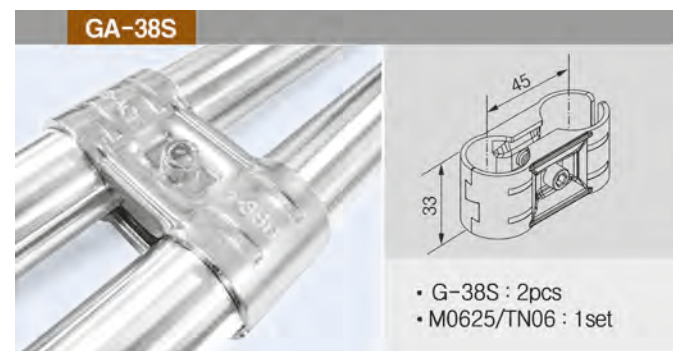
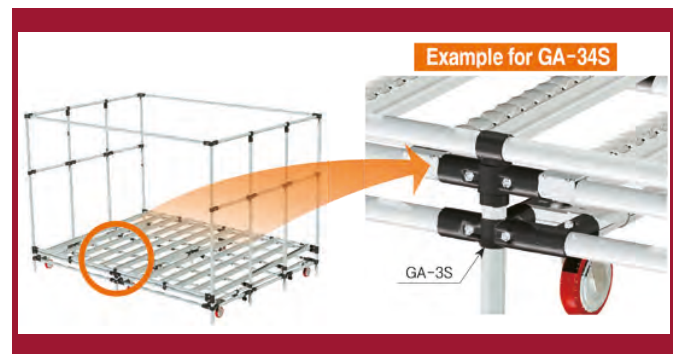
- G-7CS : 2pcs G-7BS : 2pcs
- M0625/TN06 : 3set

GA-28



- G-28 : 2pcs
- M0625/TN06 : 1set

Unit : mm

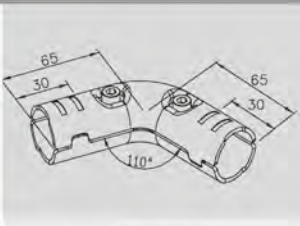


Unit : mm

Unit : mm

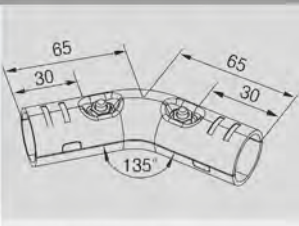
GA-110S

Design Patent



- G-110S : 2pcs
- M0625/TN06 : 2set

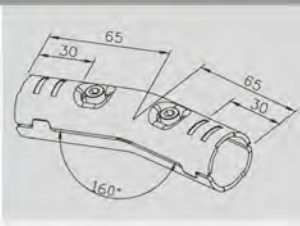
GA-135S



- G-135S : 2pcs
- M0625/TN06 : 2Set

GA-160S

Design Patent



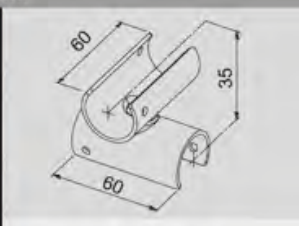
- G-160S : 2pcs
- M0625/TN06 : 2set

Example for GA-110S, GA-160S



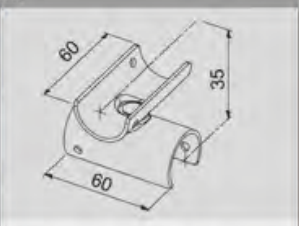
Unit : mm

PS - A Rotating Cross Joint



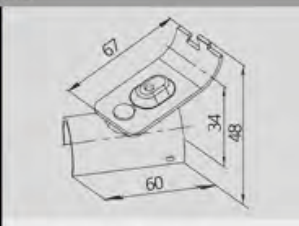
- Weight : 0.128kg
- Q'ty/Box : 96pcs

PS - B Rotating Cross Joint



- Weight : 0.104kg
- Q'ty/Box : 96pcs

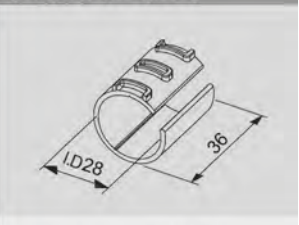
PS - C Rotating Cross Joint



- Weight : 0.105kg
- Q'ty/Box : 70pcs

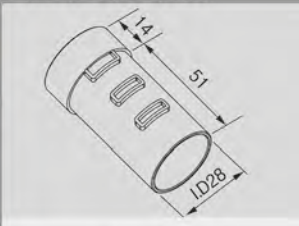


GAP - 12 Sleeve(For GA-12S/17S/18S/24S/25S)



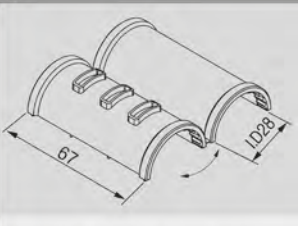
- Weight : 0.007kg
- Q'ty/Box : 600pcs

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



- Weight : 0.012kg
- Q'ty/Box : 200pcs

GAP - 56 Sleeve(For GA-35S)



- Weight : 0.010kg
- Q'ty/Box : 300pcs

Unit : mm

AH-540

Aluminum Sleeve (Short Type)

Patent Pending

Gray

Weight : 0.034kg

Q'ty/Box : 100pcs

43

40

Rotation

AH-555

Aluminum Sleeve (Long Type)

Patent Pending

Gray

Weight : 0.046kg

Q'ty/Box : 100pcs

43

55

Rotation

AH-640

Aluminum Sleeve (Short Type)

Black

Weight : 0.035kg

Q'ty/Box : 100pcs

43

40

AH-655

Aluminum Sleeve (Long Type)

Black

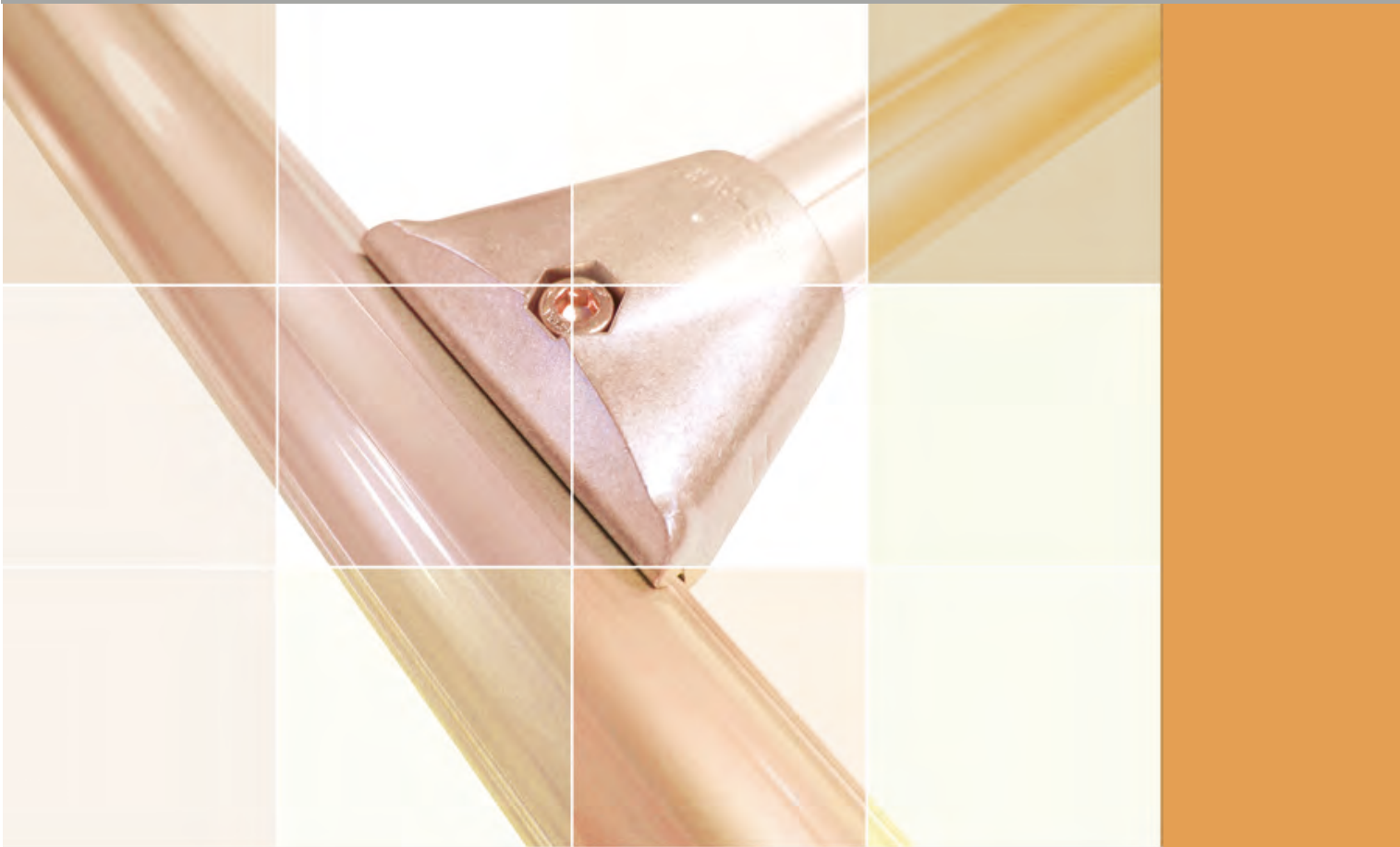
Weight : 0.047kg

Q'ty/Box : 100pcs

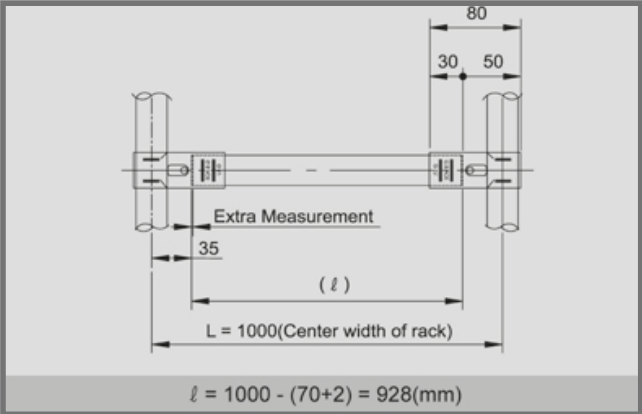
43

55

ALUMINIUM JOINTS



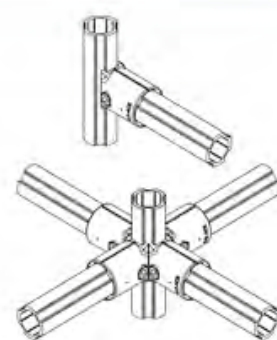
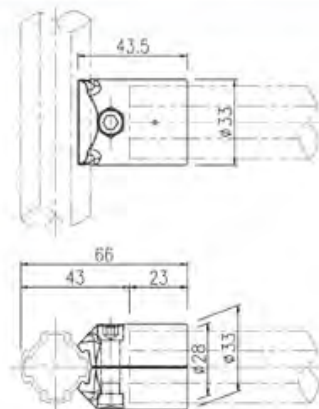
JOINTS



Case of Ø 28 mm

1000 mm	Center Measurement (L)
- 70 mm	Pipe Lenght Inside Joint (35mm x 2)
- 2 mm	Extra Measurement (2mm - 5 mm)
928 mm	Pipe Length (l)

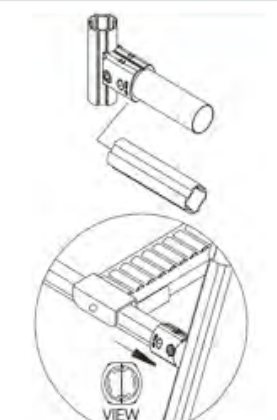
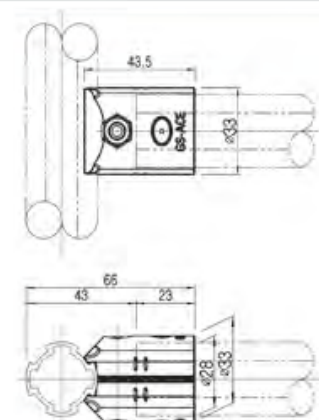
A-001 Single Tee Joint



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

- A-001: 2pcs
- M0625/N06-55: 1set
- Weight : 0.055kg
- Q'ty/Box : 100set

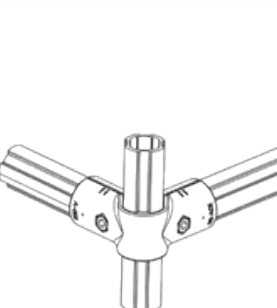
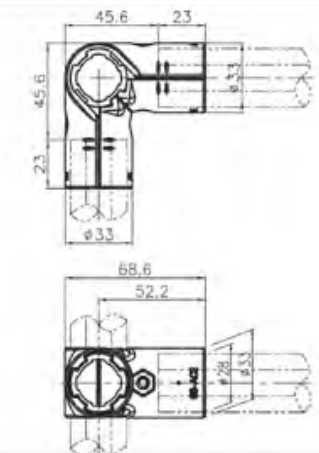
A-001C Single Tee Joint (for round pipes)



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

- A-001C: 2pcs
- M0625/N06-55: 1set
- Weight : 0.060kg
- Q'ty/Box : 100set

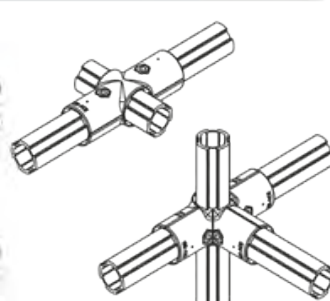
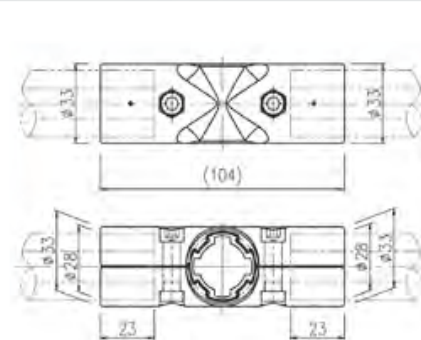
A-003 Outer Elbow Joint



- Weight : 0.068kg
- Q'ty/Box : 80pcs

- A-003: 1pcs, A-001: 2pcs
- M0625/N06-55: 2set
- Weight : 0.123kg
- Q'ty/Box : 40set

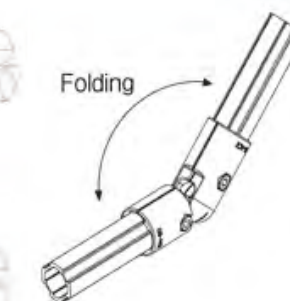
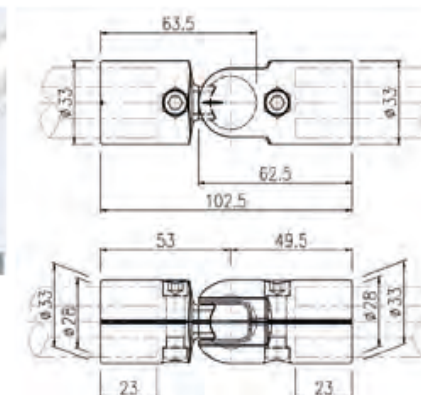
A-004 Straight Joint



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

- A-004: 2pcs
- M0625/N06-55: 2set
- Weight : 0.126kg
- Q'ty/Box : 40set

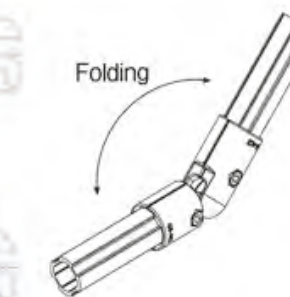
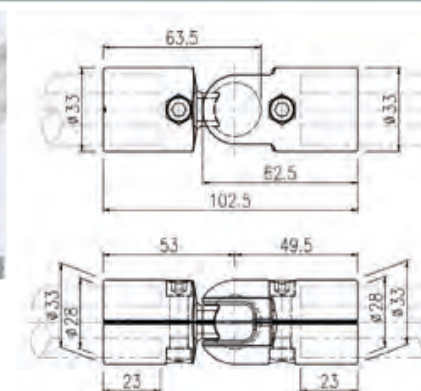
A-007B Swivel Joint (Angle Adjustable)



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

- A-007B: 2pcs, A-007C: 2pcs
- M0625/N06-55: 2set
- Weight : 0.134kg
- Q'ty/Box : 50set

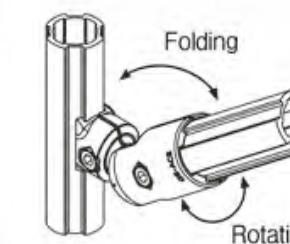
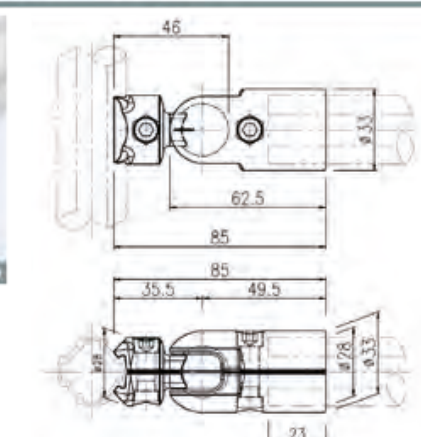
A-007C Swivel Joint (Angle Adjustable)



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

- A-007C: 2pcs, A-007D: 2pcs
- M0625/N06-55: 2set
- Weight : 0.133kg
- Q'ty/Box : 50set

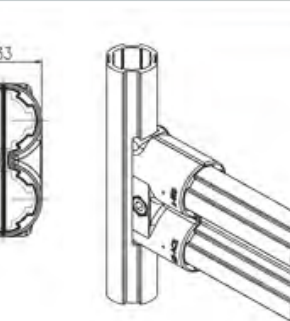
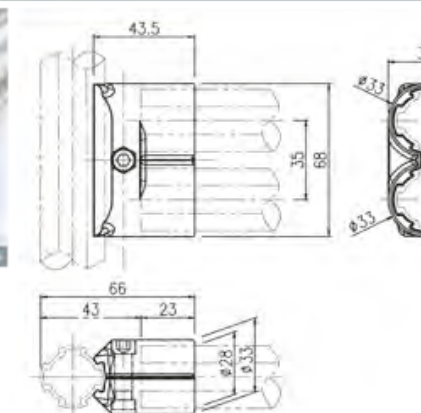
A-007D Swivel Joint (Revolution, Angle Adjustable)



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

- A-007D: 2pcs B-007A: 2pcs
- M0620/N06-55: 1set
- M0625/N06-55: 1set
- Weight : 0.112kg/m
- Q'ty/Box : 50set

A-009 Double Tee Joint



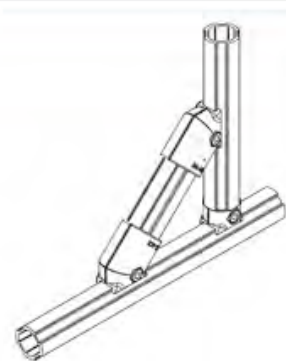
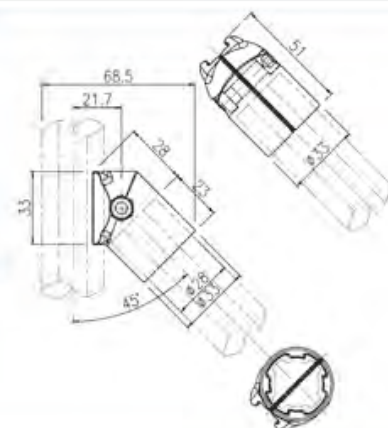
- Weight : 0.050kg
- Q'ty/Box : 100pcs

- A-009: 2pcs
- M0625/N06-55: 1set
- Weight : 0.109kg
- Q'ty/Box : 50set

A-013L, A-013R 45° Joint



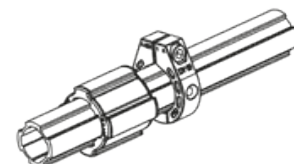
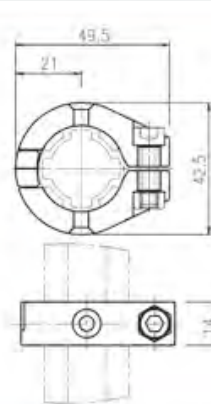
- Weight : 0.023kg
- Q'ty/Box : 200pcs
- A-013L: 1pcs, A-013R: 1pcs
- M0625/N06-55: 1set
- Weight : 0.054kg
- Q'ty/Box : 100set



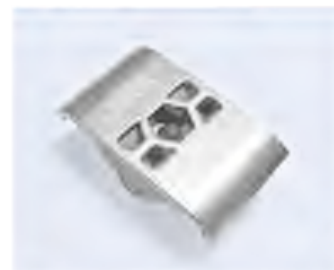
A-023 Stop Joint



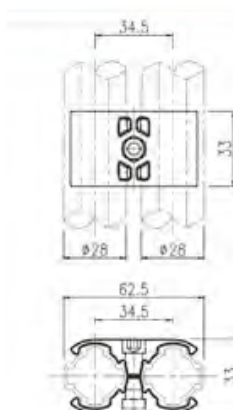
- Weight : 0.017kg
- Q'ty/Box : 300pcs
- A-023: 2pcs
- M0620/N06-55: 1set
- Weight : 0.037kg
- Q'ty/Box : 150set



A-028 Parallel Joint



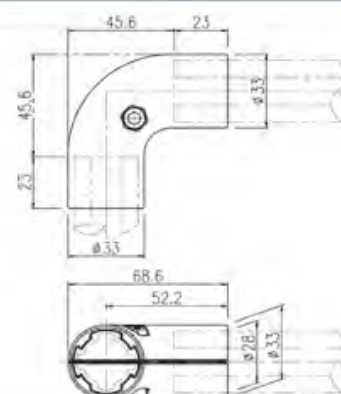
- Weight : 0.026kg
- Q'ty/Box : 150pcs
- A-028: 2pcs
- M0625/N06-55: 1set
- Weight : 0.060kg
- Q'ty/Box : 75set



A-090 90° Elbow Joint



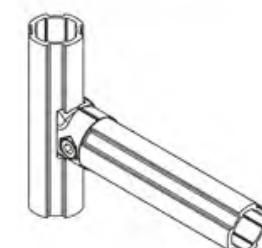
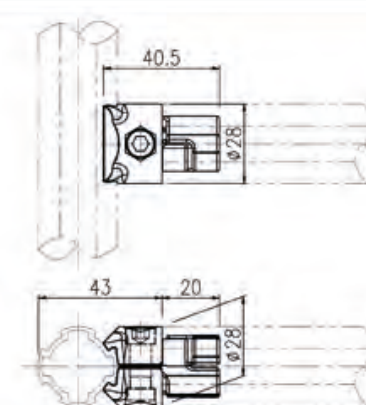
- Weight : 0.050kg
- Q'ty/Box : 80pcs
- A-090: 2pcs
- M0625/N06-55: 1set
- Weight : 0.110kg
- Q'ty/Box : 40set



B-001 Single Tee Joint



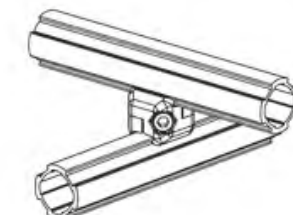
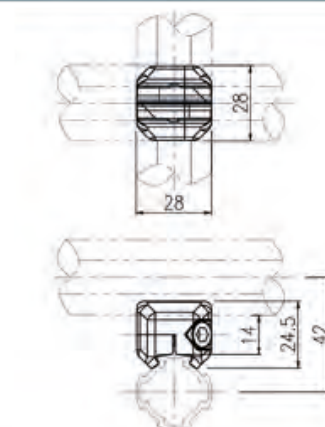
- Weight : 0.018kg
- Q'ty/Box : 300pcs
- B-001: 2pcs
- M0620/N06-55: 1set
- Weight : 0.044kg
- Q'ty/Box : 150set



B-006 90° Offset Joint



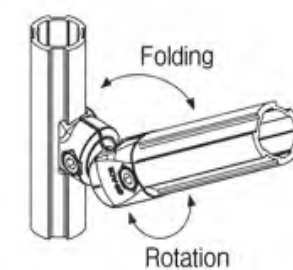
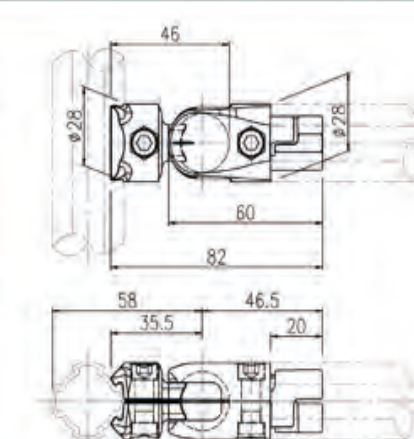
- Weight : 0.012kg
- Q'ty/Box : 400pcs
- B-006: 2pcs
- M0625/N06-55: 1set
- Weight : 0.036kg
- Q'ty/Box : 200set



B-007A Swivel Joint(Revolution, Angle Adjustable)



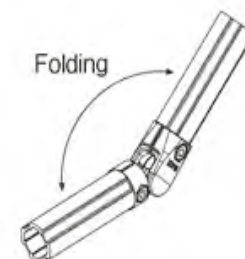
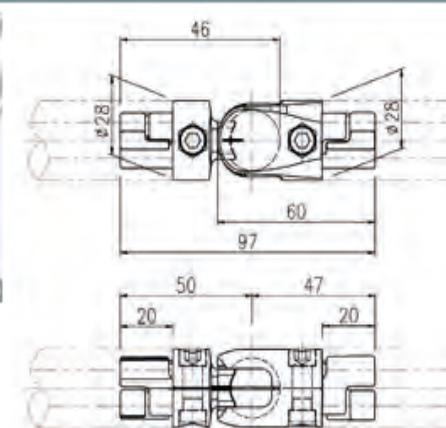
- Weight : 0.017kg
- Q'ty/Box : 400pcs
- B-007A: 2pcs, B-007B: 2pcs
- M0620/N06-55: 2set
- Weight : 0.099kg
- Q'ty/Box : 80set



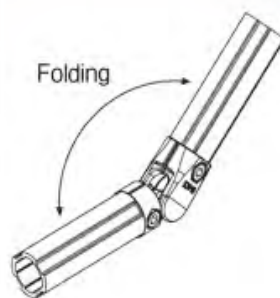
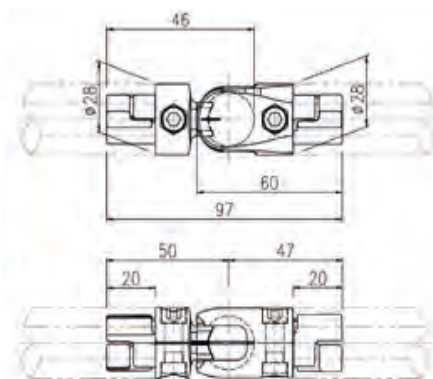
B-007B Swivel Joint(Angle Adjustable)



- Weight : 0.025kg
- Q'ty/Box : 250pcs
- B-007B: 2pcs, B-007C: 2pcs
- M0620/N06-55: 2set
- Weight : 0.112kg
- Q'ty/Box : 80set

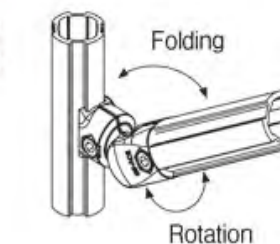
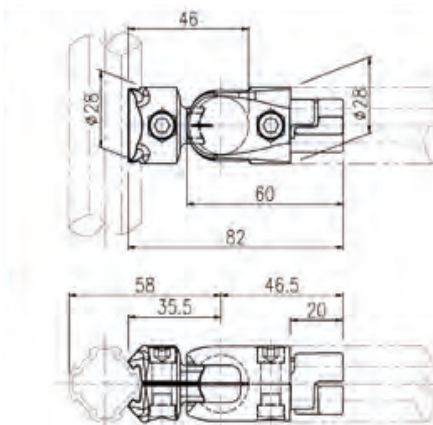


B-007C Swivel Joint(Angle Adjustable)



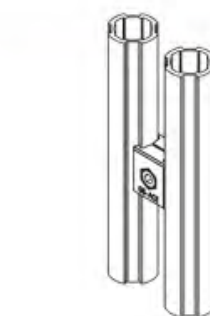
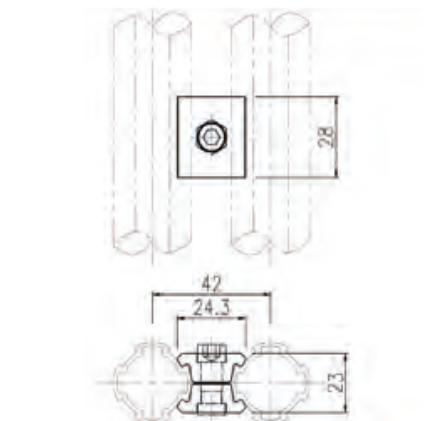
- Weight : 0.023kg
- Q'ty/Box : 250pcs
- B-007C: 2pcs, B-007D: 2pcs
- M0620/N06-55: 2set
- Weight : 0.111kg
- Q'ty/Box : 80set

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



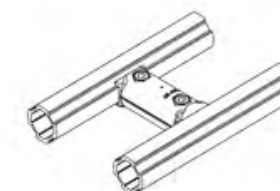
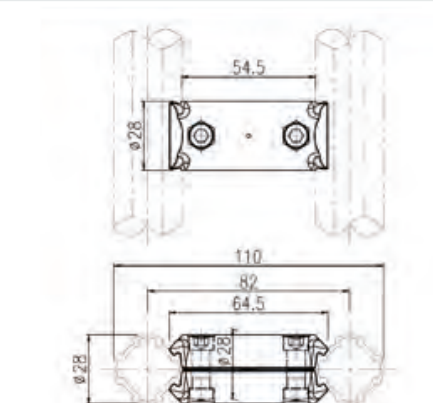
- Weight : 0.025kg
- Q'ty/Box : 250pcs
- B-007A: 2pcs, B-007D: 2pcs
- M0620/N06-55: 2set
- Weight : 0.098kg
- Q'ty/Box : 80set

B-008 Parallel Joint



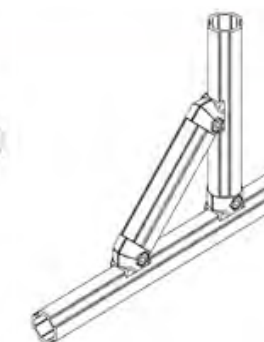
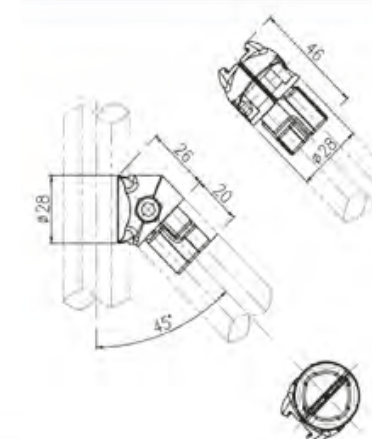
- Weight : 0.013kg
- Q'ty/Box : 400pcs
- B-008: 2pcs
- M0620/N06-55: 1set
- Weight : 0.032kg
- Q'ty/Box : 200set

B-011 Parallel Joint



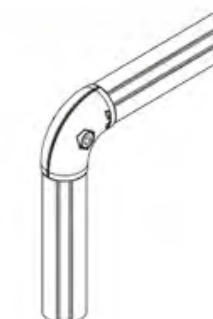
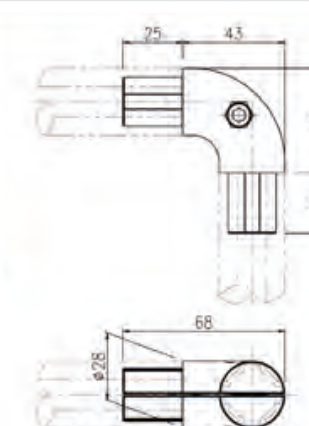
- Weight : 0.030kg
- Q'ty/Box : 200pcs
- B-011: 2pcs
- M0620/N06-55: 2set
- Weight : 0.075kg
- Q'ty/Box : 100set

B-013L, B-013R 45° Joint



- Weight : 0.018kg
- Q'ty/Box : 300pcs
- B-013L: 1pcs, B-013R: 1pcs
- M0620/N06-55: 1set
- Weight : 0.043kg
- Q'ty/Box : 150set

B-090 90° Elbow Joint



- Weight : 0.039kg
- Q'ty/Box : 120pcs
- B-090: 2pcs
- M0620/N06-55: 1set
- Weight : 0.086kg
- Q'ty/Box : 60set

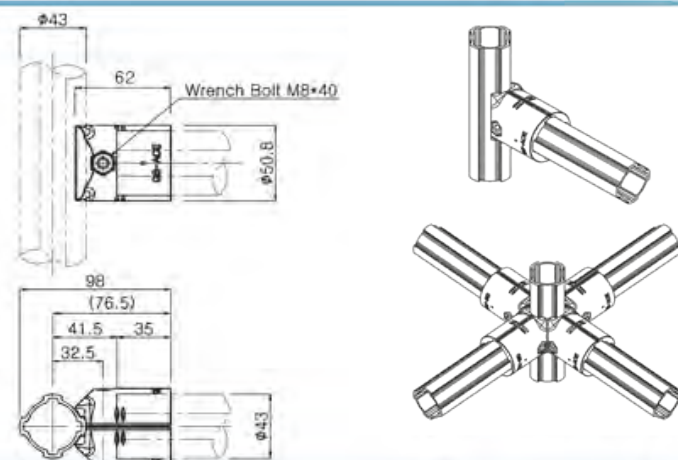


Unit : mm

A-401 Single Tee Joint



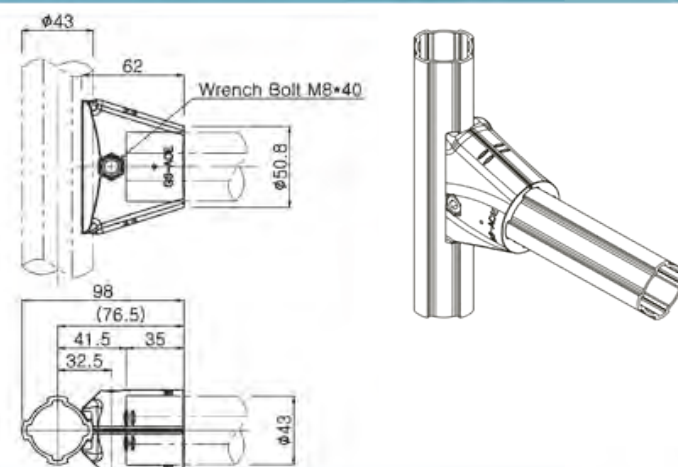
- Weight : 0.077kg
- Q'ty/Box : 60EA
- A-401 : 2pcs
- M0840/N08 : 1set
- Weight : 0.178kg
- Q'ty/Box : 35set



A-401W Single Tee Joint (Heavy Duty)



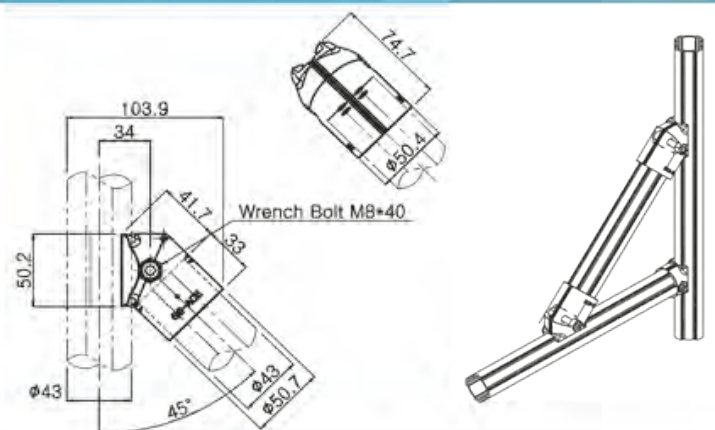
- Weight : 0.123kg
- Q'ty/Box : 40EA
- A-401W : 2pcs
- M0840/N08 : 1set
- Weight : 0.270kg
- Q'ty/Box : 20set



A-413L, A-413R 45° Joint



- Weight : 0.082kg
- Q'ty/Box : 50EA
- A-413L : 1pcs, A-413R : 1pcs
- M0840/N08 : 1set
- Weight : 0.188kg
- Q'ty/Box : 25set

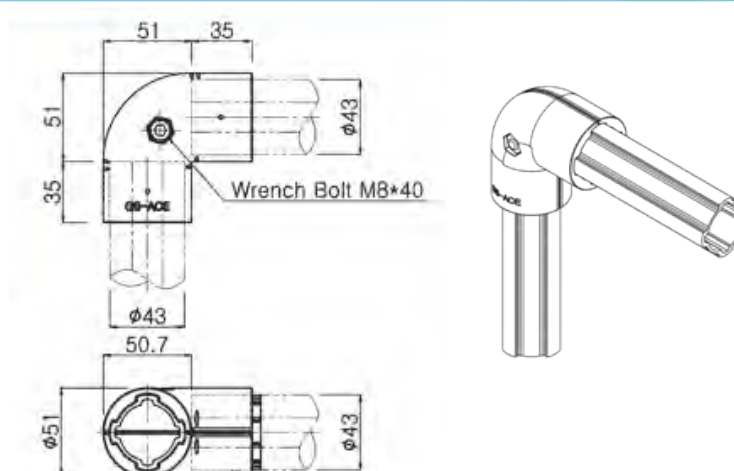


Unit : mm

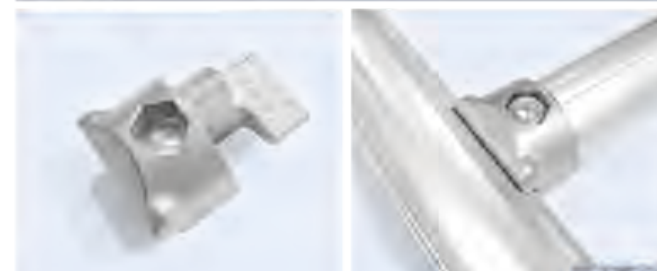
A-490 90° Elbow Joint



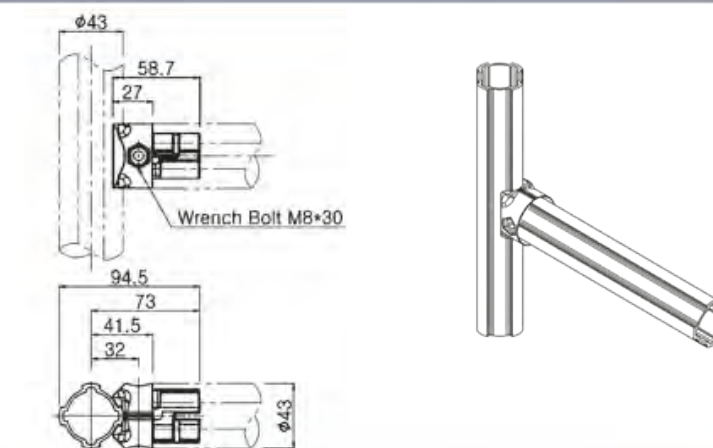
- Weight : 0.131kg
- Q'ty/Box : 30EA
- A-490 : 2pcs
- M0840/N08 : 1set
- Weight : 0.286kg
- Q'ty/Box : 15set



B-401 Single Tee Joint



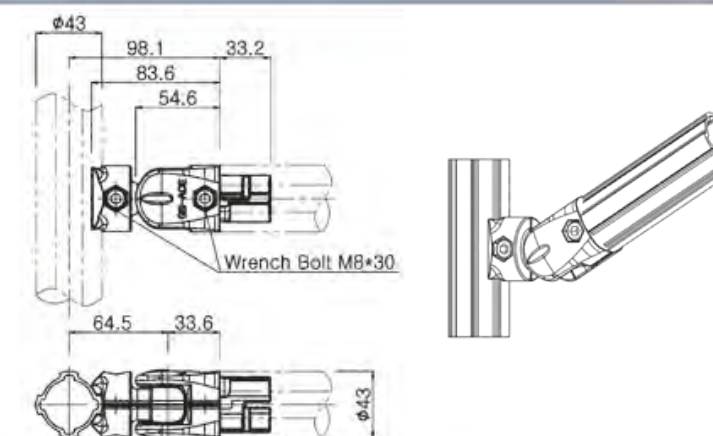
- Weight : 0.061kg
- Q'ty/Box : 100EA
- B-401 : 2pcs
- M0830/N08 : 1set
- Weight : 0.143kg
- Q'ty/Box : 50set



B-407A Swivel Joint (Angle Adjustable)



- Weight : 0.049kg
- Q'ty/Box : 120EA
- B-407A : 2pcs, B-407B : 2pcs
- M0830/N08 : 2set
- Weight : 0.306kg
- Q'ty/Box : 20set



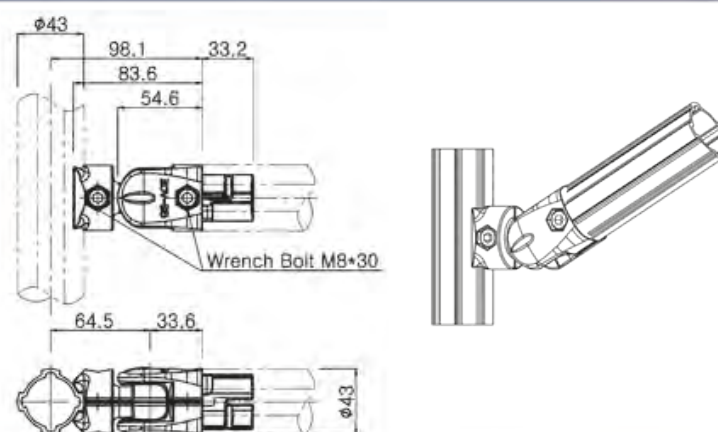
Unit : mm

Unit : mm

B-407B Swivel Joint(Angle Adjustable)



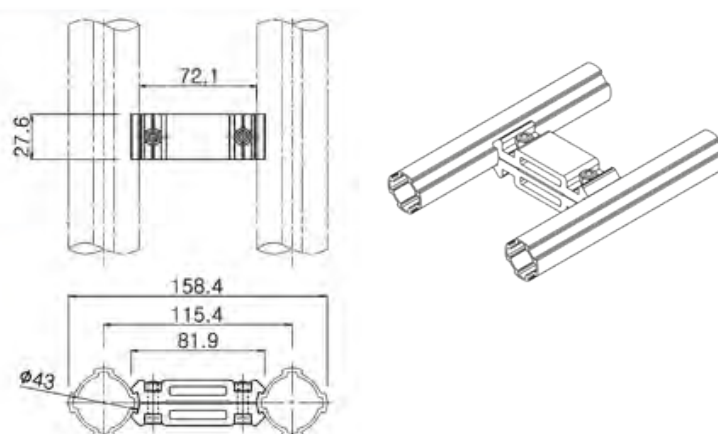
- Weight : 0.083kg
- Q'ty/Box : 60EA
- B-407A : 2pcs, B-407B : 2pcs
- M0830/N08 : 2set
- Weight : 0.306kg
- Q'ty/Box : 20set



B-411 Parallel Joint

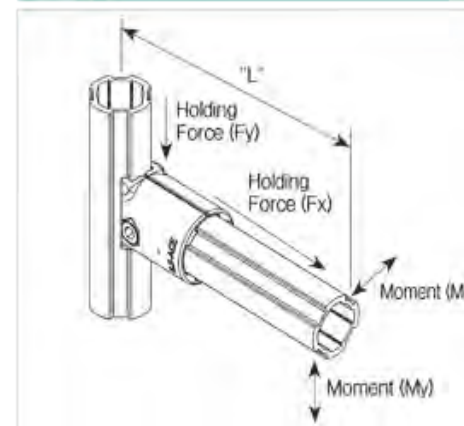


- Weight : 0.051kg
- Q'ty/Box : 100EA
- B-411 : 2pcs
- M0620/N06 : 2set
- Weight : 0.120kg
- Q'ty/Box : 50set



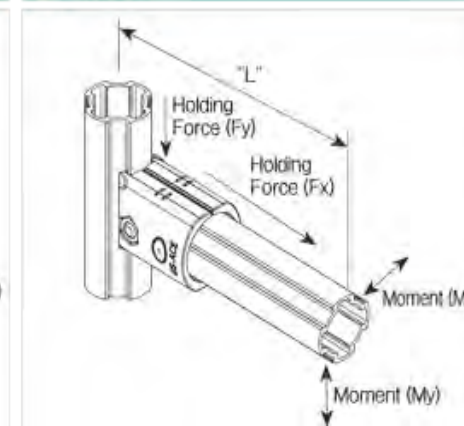
 Test Condition - Test Speed : 5mm / min - Temperature : 23℃				
Classification	Coated Pipe		Stainless Steel Pipe	
	Ø28 x t0.7	Ø28 x t1.0	Ø28 x t0.7	Ø28 x t1.2
Direction : X	More Than 80kg	More Than 80kg	More Than 80 kg	More Than 80 kg
Direction : Y	More Than 80kg	More Than 80kg	More Than 80 kg	More Than 80 kg

A-001



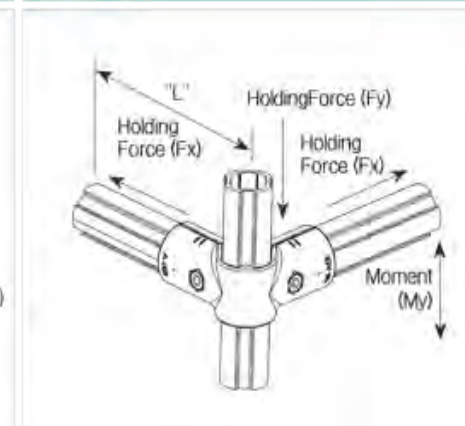
Holding Force (kgf)	F _x	80
	F _y	80
Moment (kgf) (L=110mm)	M _x	6
	M _y	12

A-001C



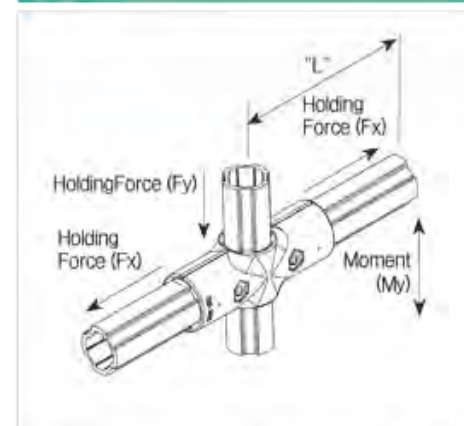
Holding Force (kgf)	F _x	80
	F _y	80
Moment (kgf) (L=110mm)	M _x	5
	M _y	10

A-003



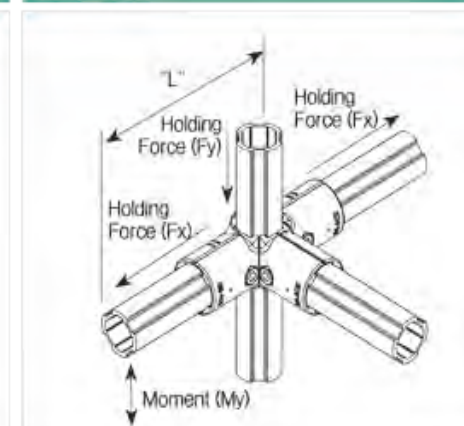
Holding Force (kgf)	F _x	80
	F _y	80
Moment (kgf) (L=110mm)	M _y	16

A-004



Holding Force (kgf)	F _x	80
	F _y	80
Moment (kgf) (L=110mm)	M _y	25

AA-003



Holding Force (kgf)	F _x	80
	F _y	80
Moment (kgf) (L=110mm)	M _y	19

A-007B



Holding Force (kgf)	F _x	80
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A-007C



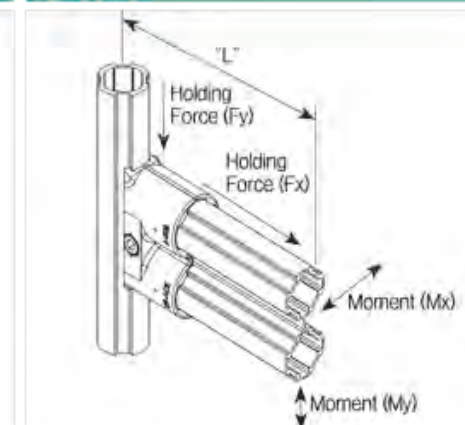
Holding Force (kgf)	F _x	80
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A-007D



Holding Force (kgf)	F _x	80
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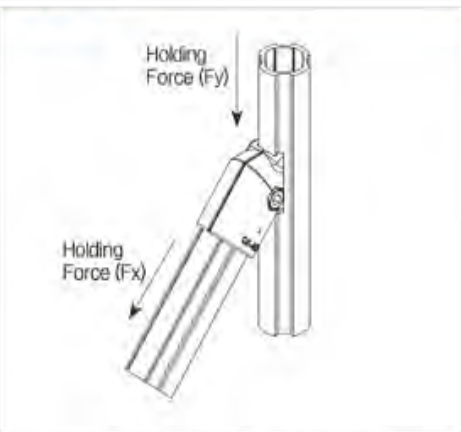
A-009



Holding Force (kgf)	F _x	150
	F _y	200
Moment (kgf) (L=110mm)	M _x	29
	M _y	56

Unit : mm

A-012



Holding Force (kgf)	Fx	80
	Fy	80

A-023



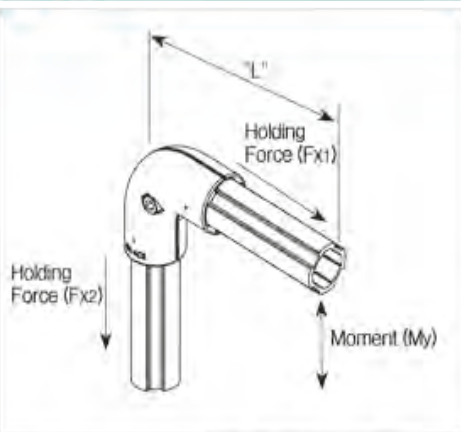
Holding Force (kgf)	Fy	80
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A-028



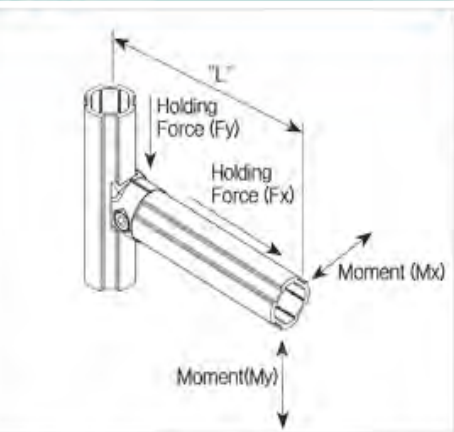
Holding Force (kgf)	Fx	80
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A-090



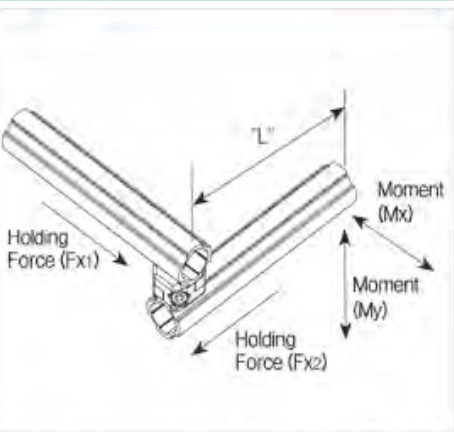
Holding Force (kgf)	Fx1	80
	Fx2	80
Moment (kgf) (L=110mm)	My	21

B-001



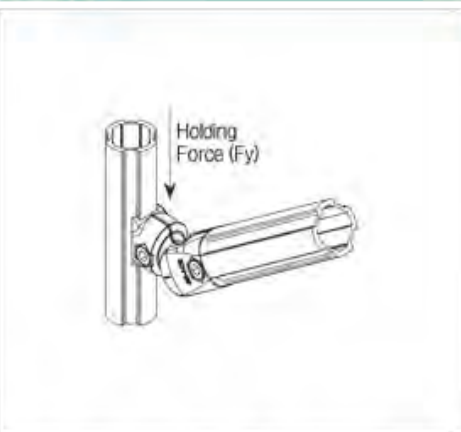
Holding Force (kgf)	Fx	50
	Fy	80
Moment (kgf) (L=110mm)	Mx	5
	My	8

B-006



Holding Force (kgf)	Fx1	80
	Fy2	80
Moment (kgf) (L=110mm)	Mx	9
	My	6

B-007A



Holding Force (kgf)	Fy	80
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B-007B



Holding Force (kgf)	Fx	50
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B-007C



Holding Force (kgf)	Fx	50
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B-007D



Holding Force (kgf)	Fx	50
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B-009



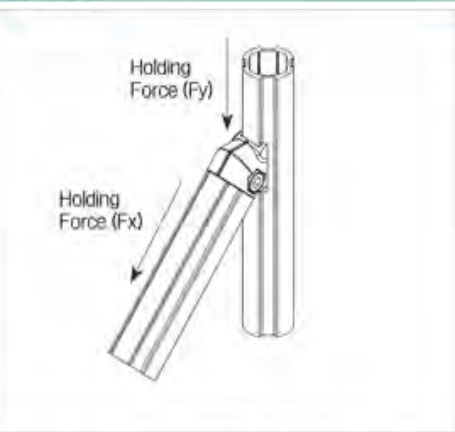
Holding Force (kgf)	Fy	80
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B-011



Holding Force (kgf)	Fy	80
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B-013



Holding Force (kgf)	Fx	50
	Fy	80

B-044



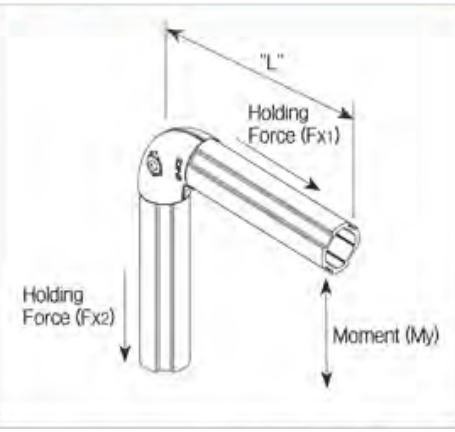
Holding Force (kgf)	Fx	80
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B-045



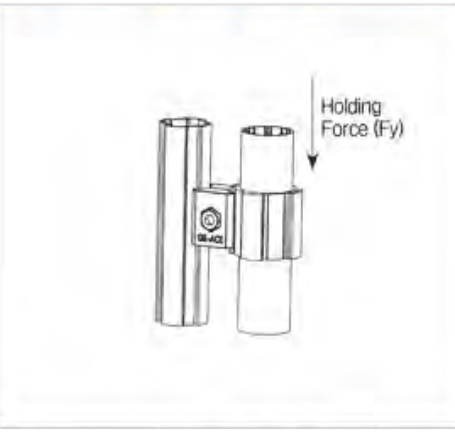
Holding Force (kgf)	Fy	150
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B-090



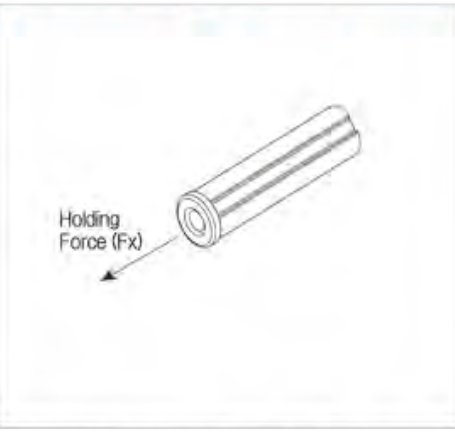
Holding Force (kgf)	Fx1	50
	Fx2	50
Moment (kgf) (L=110mm)	My	13

APH-633L, APH-633R



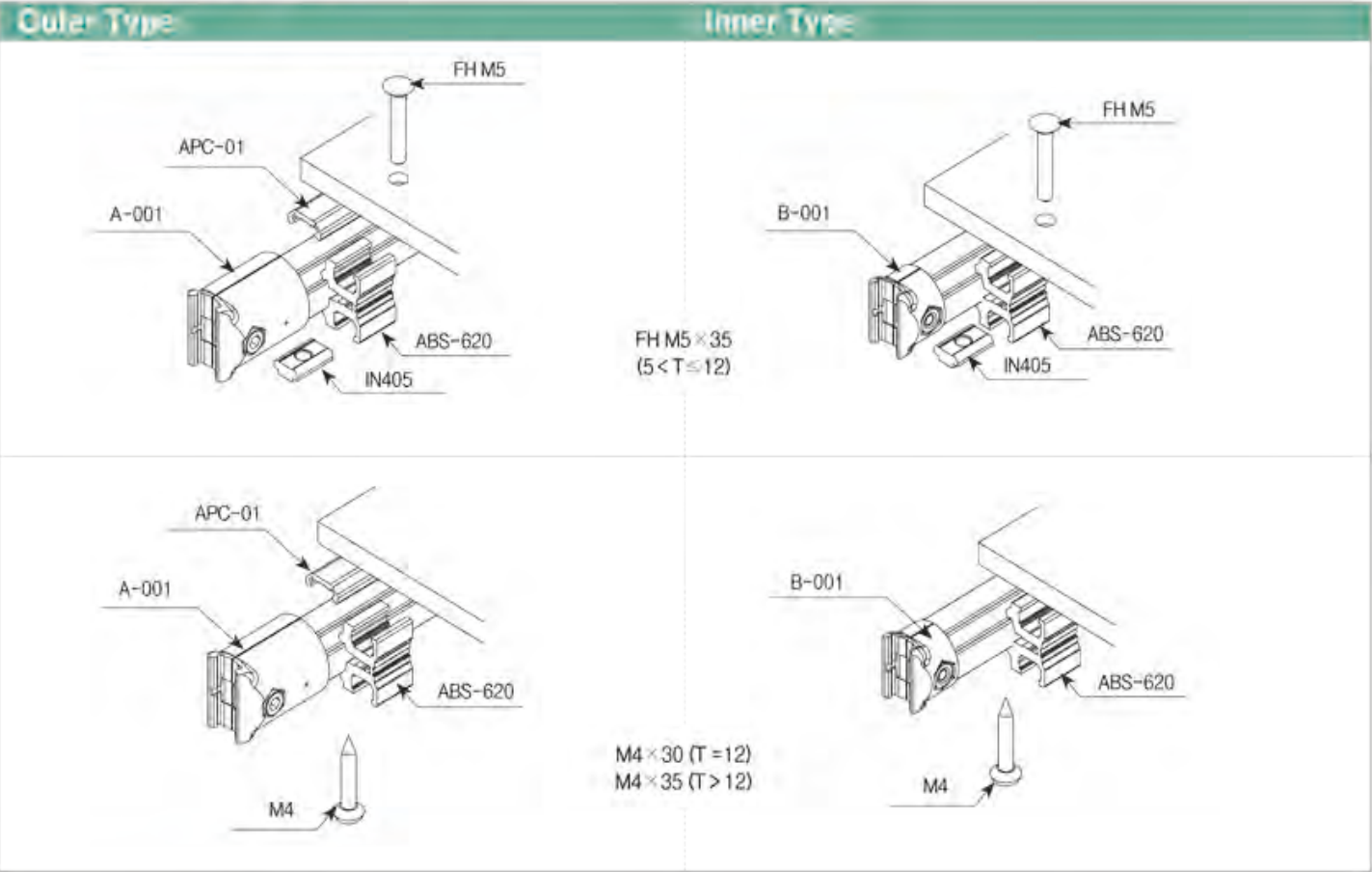
Holding Force (kgf)	Fy	80
---------------------	----	----

BA2800A/B, BP2800A/B

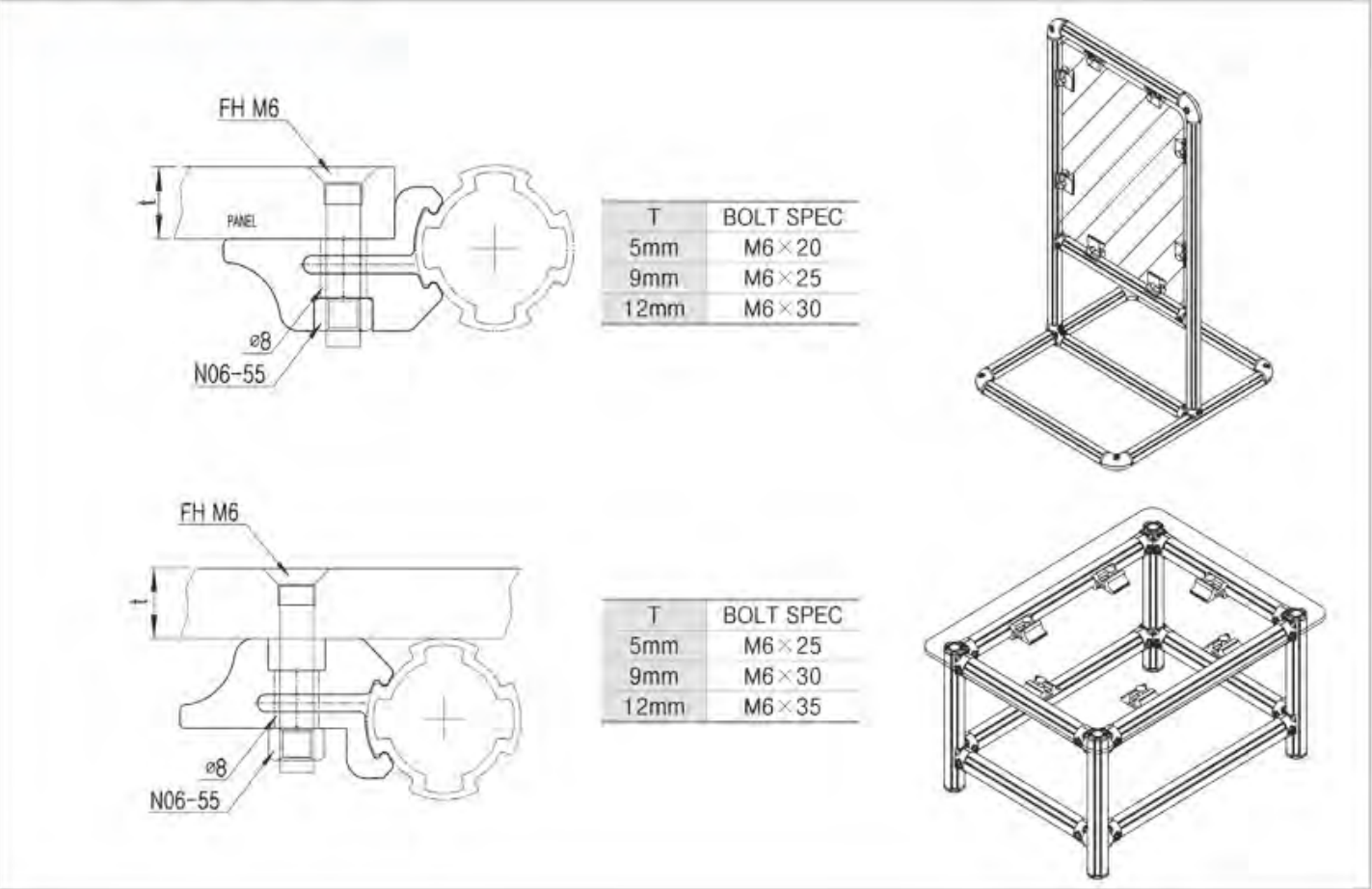


Holding Force (kgf)	Fx	80
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Example for ABS-620



Example for B-017A-08



ALUMINIUM PROFILES



Unit : mm

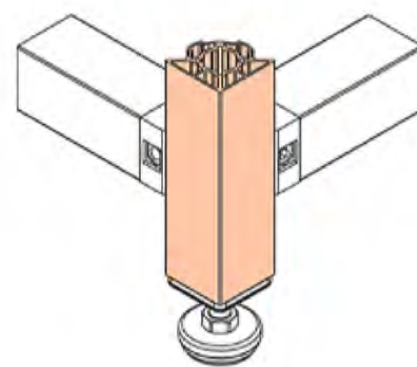
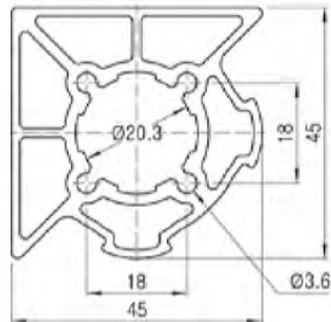
Unit : mm

ASJ4545A

디자인 등록



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

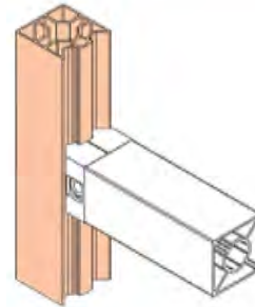
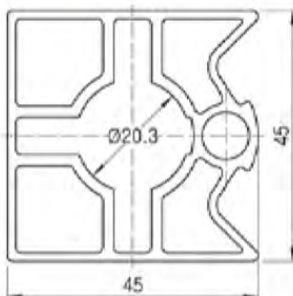


ASJ4545C

디자인 등록



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

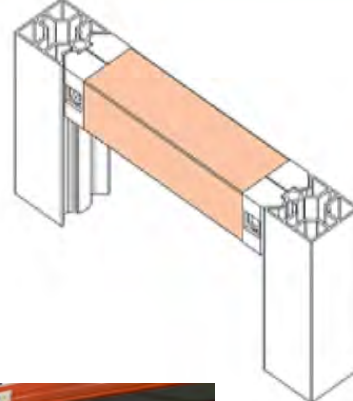
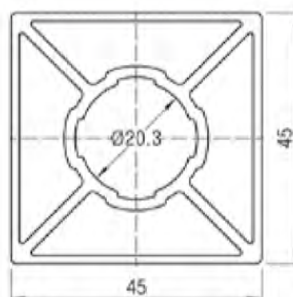


ASJ4545D

디자인 등록



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

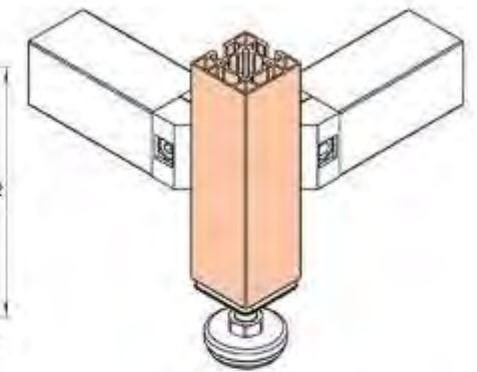
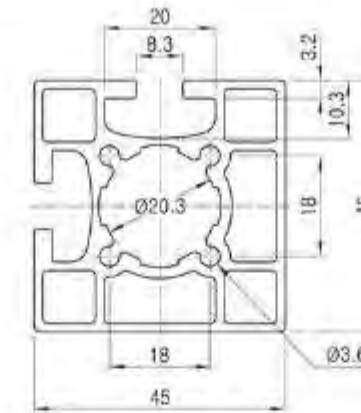


AST4545A

디자인 등록



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



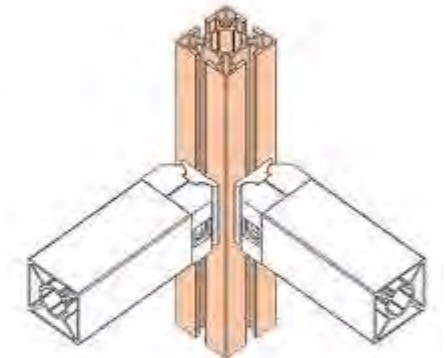
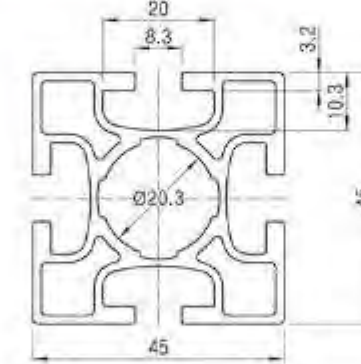
- Insert Nut : IN404~IN408
- Spring Nut : SN404~SN408

AST4545D

디자인 등록



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



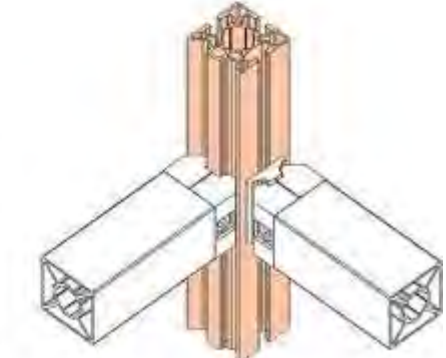
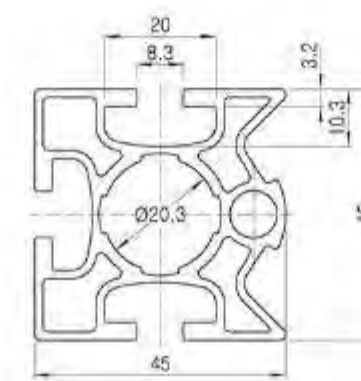
- Insert Nut : IN404~IN408
- Spring Nut : SN404~SN408

ASM4545C

디자인 등록

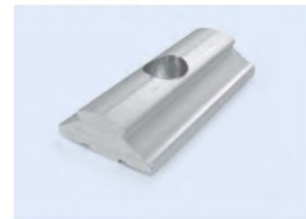


- Weight : 1.595 kg/m
- 4pcs/Bag, 90Bag/Pallet

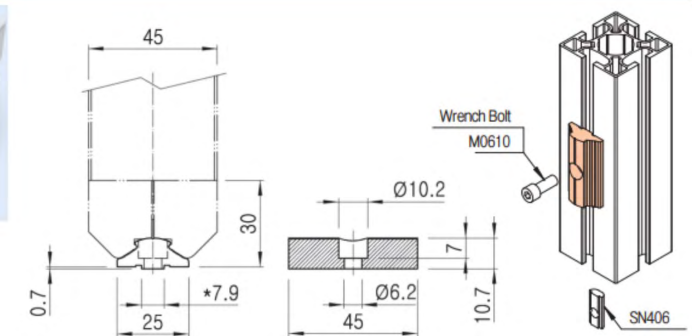


- Insert Nut : IN404~IN408
- Spring Nut : SN404~SN408

ACY-08A



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



Unit : mm

45X45 ALUMINUM JOINTS & ACCESSORIES

E-001

상용신인 출원



EA-001

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

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

B-080A



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

BA4545A/B

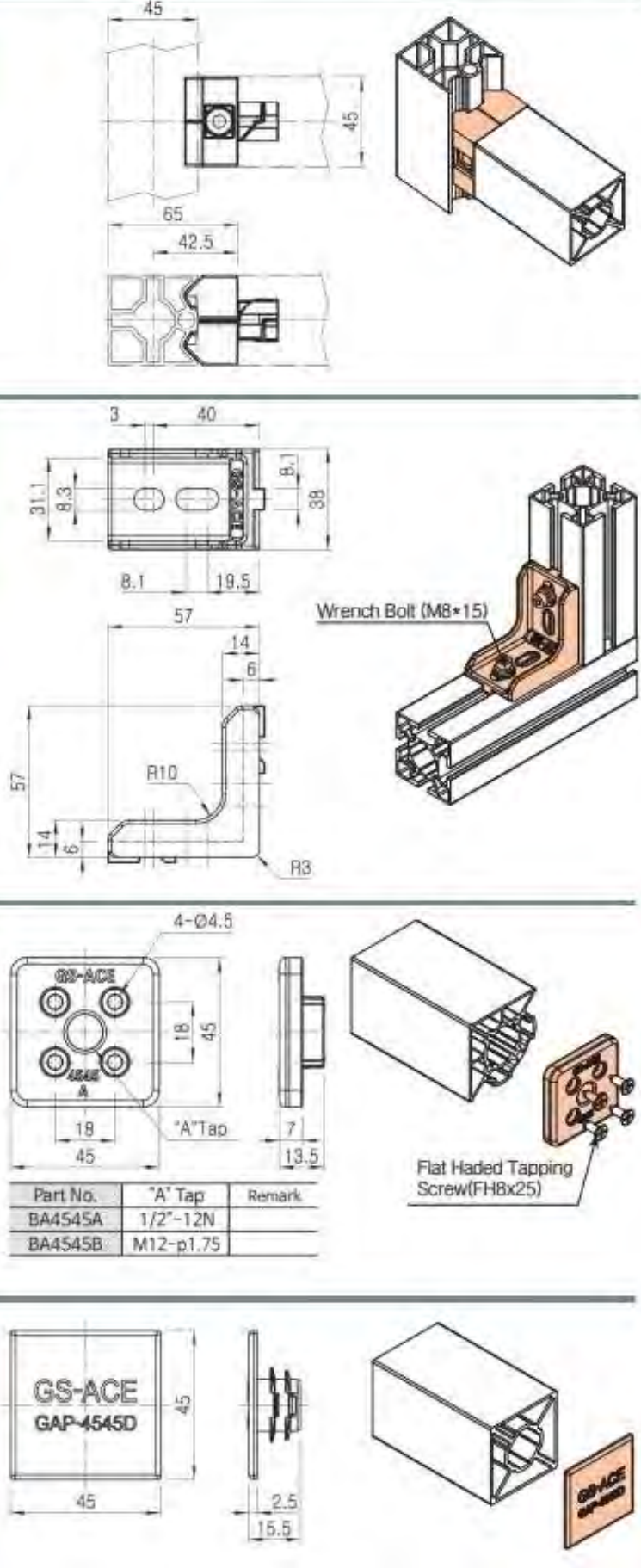


- Weight : 0.034kg
- Q'ty/Box : 200pcs

GAP-4545D



- Weight : 0.006kg
- Q'ty/Box : 1200pcs



Technical drawings showing dimensions and assembly details for E-001, B-080A, BA4545A/B, and GAP-4545D joints and accessories.

Wrench Bolt (M8*15)

Flat Haded Tapping Screw(FH8x25)

Part No.	"A" Tap	Remark
BA4545A	1/2"-12N	
BA4545B	M12-p1.75	

ROLLER TRACKS



SERIES

- GP - 25
- GP - 35
- GP - 40
- GP - 60
- GP - 70
- GP - 85

ROLLER TRACK NUMBERING SYSTEM

WH = white
GR = Gray
BK = Black
YL = Yellow

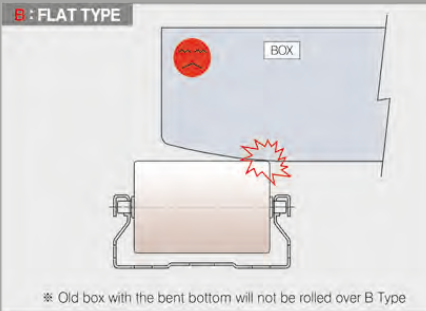
Color
Code

A : Round
B : Flat
BF : Flexible
C : Flange
D : Large
HA : Taper
M : Multi
S : Slim
SR : STS Covered roller

Roller Type

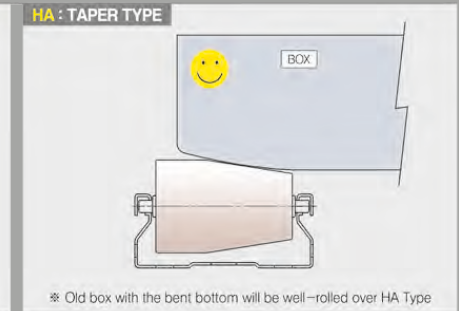
CHOOSE FOR THE ROLLER TYPE

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

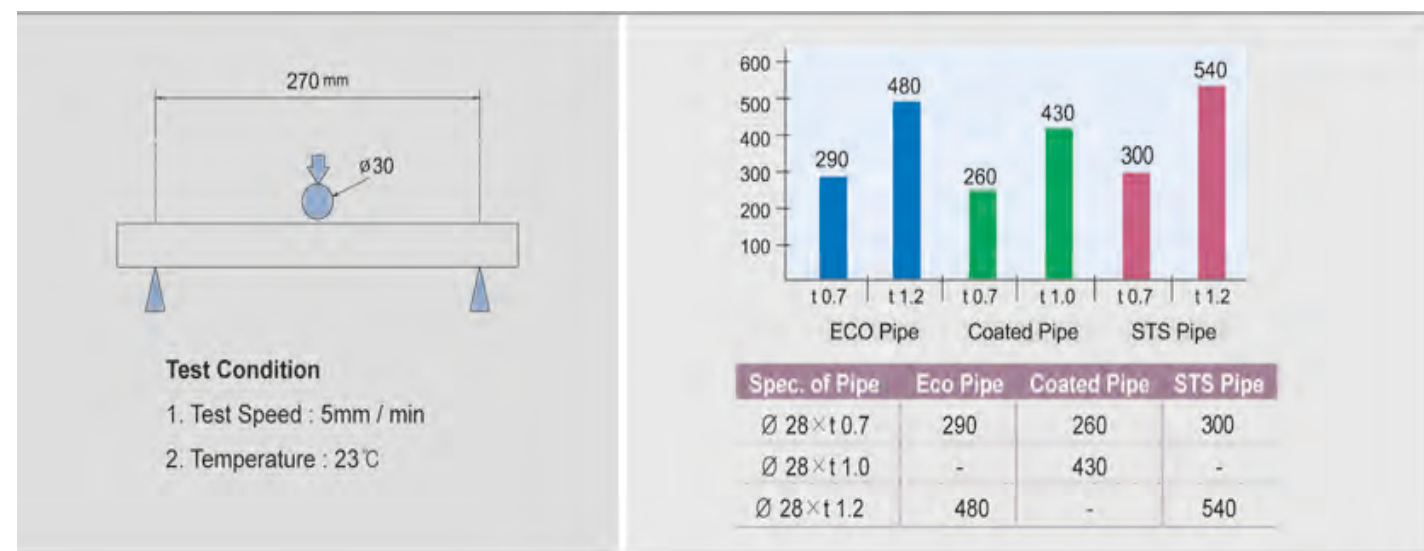
GP 40 36 A

Pitch

Serie / Frame Size

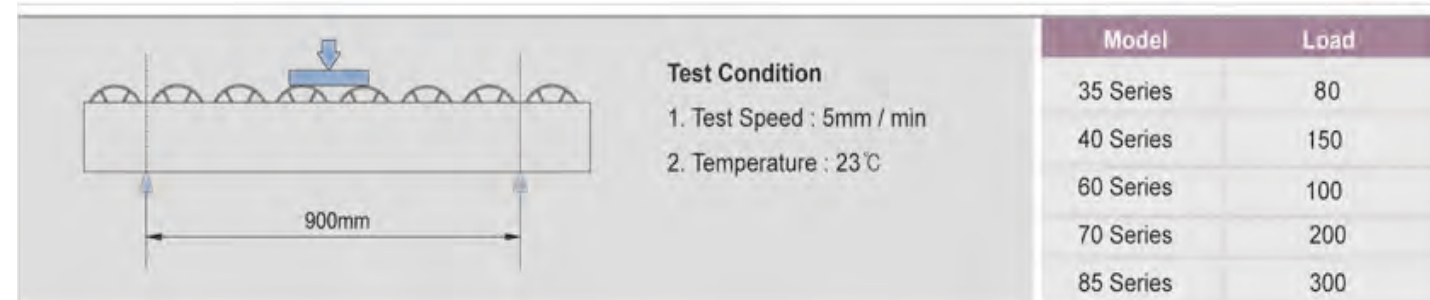
Unit : mm

BENDING STRENGTH FOR PIPE



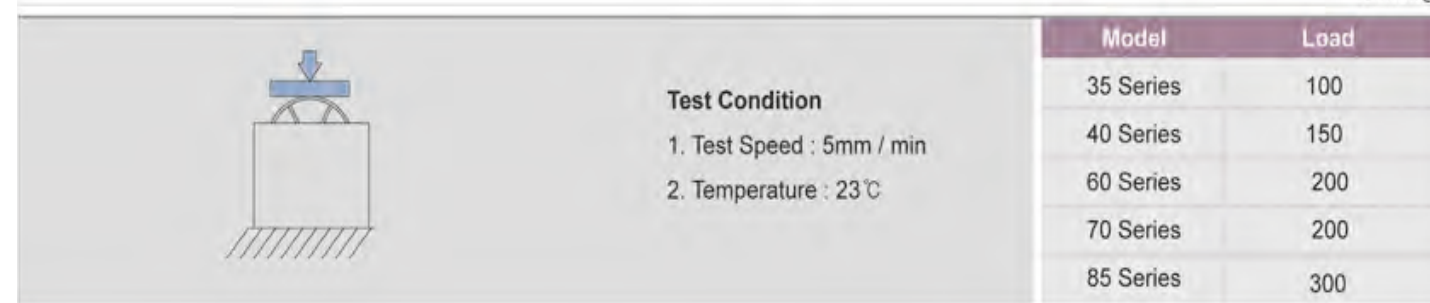
BENDING STRENGTH FOR ROLLER TRACK

Unit :kgf



BENDING STRENGTH OF WHEEL SUBASSEMBL

Unit :kgf



BENDING STRENGTH FOR CONSISTENT



Unit : mm

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	
Silent Roller Track														
25 Series	GPR2528A	AL	60	Ø25	Ø3	28.57	1.5°	○		○				4MT
40 Series	GPR4040A	AL (Aluminium)	150	Ø34	Ø4	40	2.0°	○		○		○		4MT
	GPR4040B					○			○					
	GPR4055C		150	Ø49		55		○		○		○		
60 Series	GPR6016S	AL	100	Ø15	Ø4	16.67	2.5°	○		○		○		4MT
	GPR6033B		150	Ø30	Ø4	33.33		○		○		○		
	GPR6033HA		150	Ø30	Ø4	33.33		○						
70 Series	GPR7042B	AL	200	Ø34	Ø5	42	3.5°	○				○		4MT
	GPR7042BF										○			
	GPR7021BFS-2			Ø17.6		21		-					○	
85 Series	GPR8523S	AL	200	Ø20.5	Ø3.5	22.5	1.5°	○		○		○		4MT
	GPR8545B		300	Ø40		45		○		○		○		
	GPR8545HA			○						○				
	GPR8545SR			Ø43				○						

Standard Roller Track

85 Series	GP3533B	SPCC	100	Ø28	Ø3	33.33	2.5°	○	○	○	○	○		
40 Series	GP4036A	SPCC (Galvanized Steel Chrome Free)	150	Ø34	Ø4	36	2.0°	○		○		○		4MT
	GP4036B					36		○		○		○		
	GP4040A					40		○		○		○		
	GP4040B					40		○		○		○		
	GP4050C			Ø49	Ø3.3	50		○		○		○		
	GP4050D			Ø43		50		○		○		○		
	GP4025M			Ø34		25		○		○		○		
60 Series	GP6016S	SPCC	100	Ø15	Ø4	16.67	2.5°	○		○		○		4MT
	GP6033B		150	Ø30		33.33		○		○		○		
	GP6033HA			Ø30		33.33		○		○		○		
70 Series	GP7050BF	SPCC	200	Ø34	Ø5	50	3.5°					○	○	4MT
85 Series	GP8525M	SPCC	300	Ø34	Ø5	25	2.5°	○		○		○		4MT
	GP8543B			Ø40		43		○		○		○		
	GP8550SR			Ø43	Ø3.5	50	1.5°	○						2MT

Curve Roller

40 Series	CR40A	SPCC (Galvanized Steel Chrome Free)	100	Ø34	Ø4	76	2.0°	○		○		○		-
	CR40B			Ø43				○		○		○		
	CR40D			Ø43				○		○		○		

Universal Roller Track

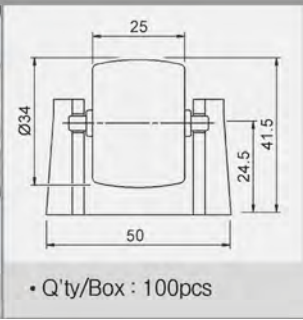
40 Series	UR4050	AL	100	Ø43	Ø4	50	2.5°		○			○		3MT
60 Series	UR6067		200	Ø60	Ø5	66.7	3.0°		○			○		2MT

Unit : mm

Unit : mm

CR40A/B

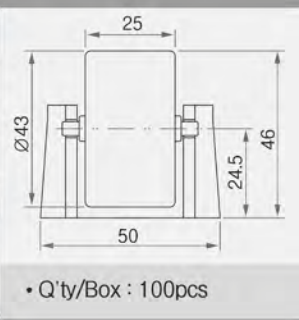
Registration patent



• Q'ty/Box : 100pcs

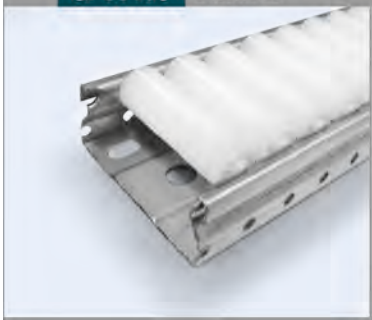
CR40D

Registration patent



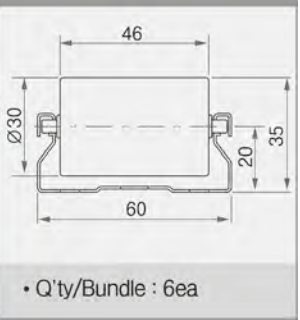
• Q'ty/Box : 100pcs

GP6016S Pitch: 16



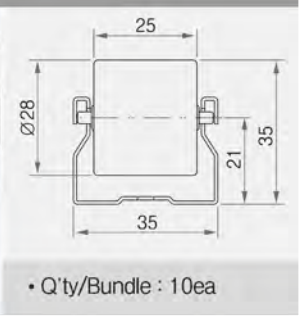
• Q'ty/Bundle : 6ea

GP6033B Pitch: 33



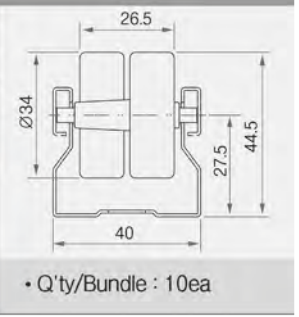
• Q'ty/Bundle : 6ea

GP3533B Pitch: 33.33



• Q'ty/Bundle : 10ea

GP4025M Pitch: 25



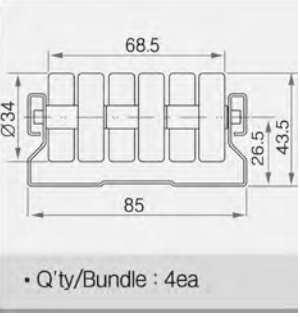
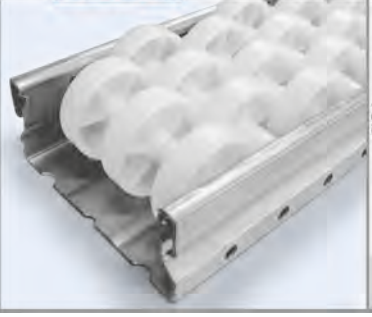
• Q'ty/Bundle : 10ea

GP6033HA Pitch: 33



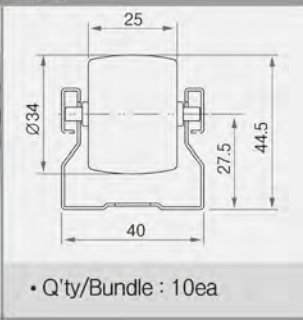
• Q'ty/Bundle : 6ea

GP8525M Pitch: 25



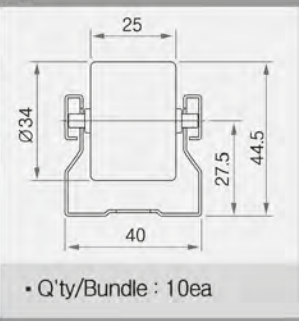
• Q'ty/Bundle : 4ea

GP4036A/GP4040A Pitch: 36/40



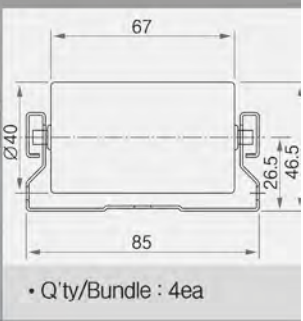
• Q'ty/Bundle : 10ea

GP4036B/GP4040B Pitch: 36/40



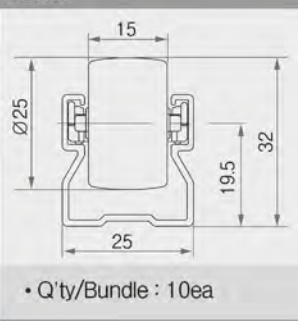
• Q'ty/Bundle : 10ea

GP8543B Pitch: 43



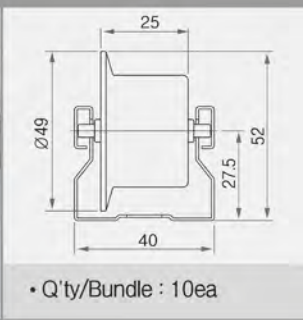
• Q'ty/Bundle : 4ea

GPR2528A Silent Roller, Pitch: 28.57



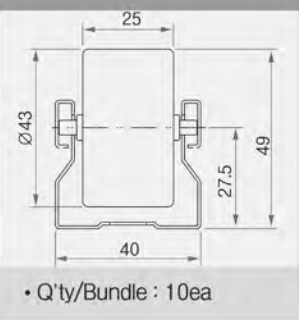
• Q'ty/Bundle : 10ea

GP4050C Pitch: 50



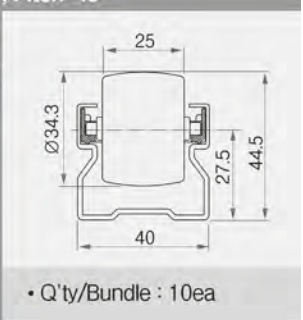
• Q'ty/Bundle : 10ea

GP4050D Pitch: 50



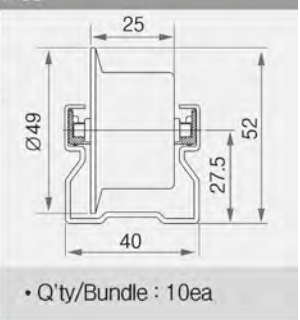
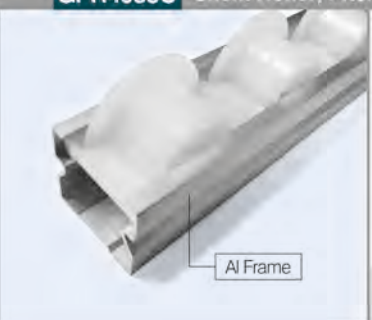
• Q'ty/Bundle : 10ea

GPR4040A/B Silent Roller, Pitch: 40

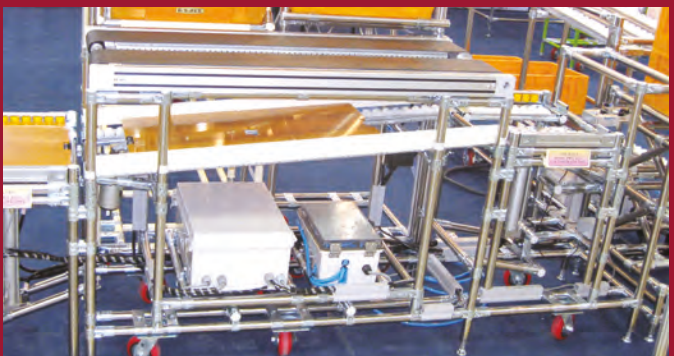
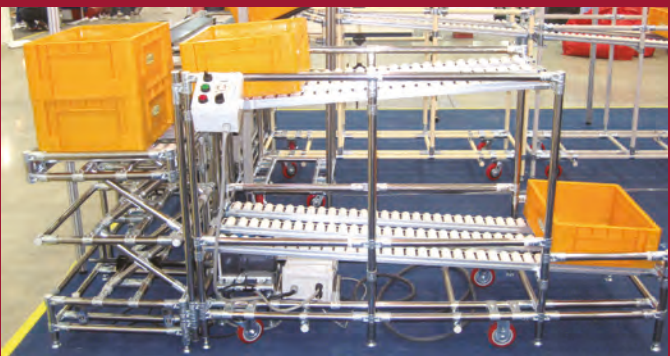


• Q'ty/Bundle : 10ea

GPR4055C Silent Roller, Pitch: 55



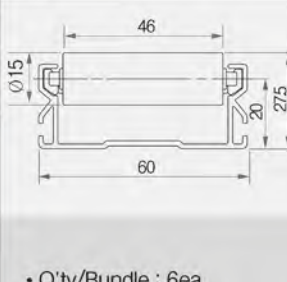
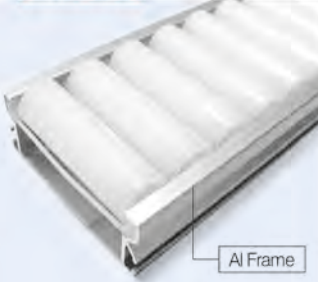
• Q'ty/Bundle : 10ea



Unit : mm

GPR6016S

Silent Roller, Pitch: 16

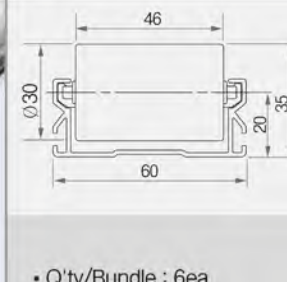
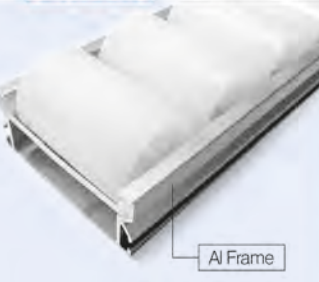


Al Frame

• Q'ty/Bundle : 6ea

GPR6033B

Silent Roller, Pitch: 33

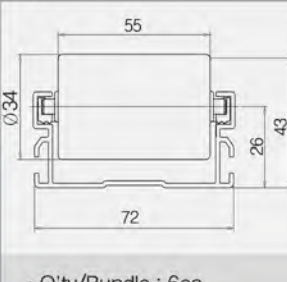
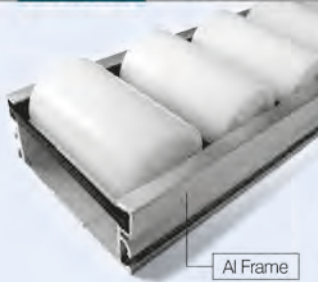


Al Frame

• Q'ty/Bundle : 6ea

GPR7042B

Silent Roller, Pitch: 42

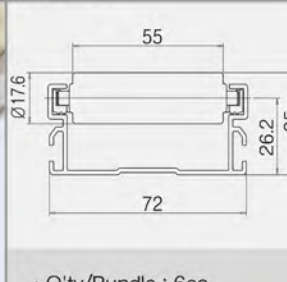


Al Frame

• Q'ty/Bundle : 6ea

GPR7021BFS-2

Silent Roller, Pitch: 21

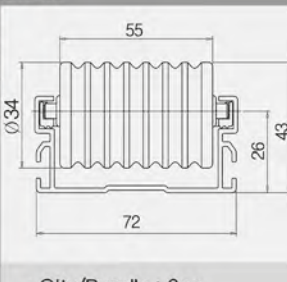


Al Frame

• Q'ty/Bundle : 6ea

GPR7042BF

Silent Roller, Pitch: 42

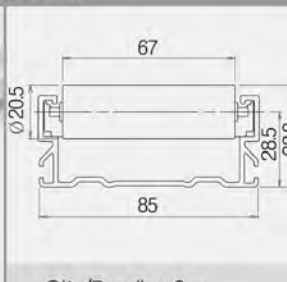
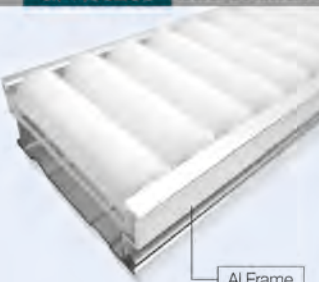


Al Frame

• Q'ty/Bundle : 6ea

GPR8523S

Silent Roller, Pitch: 22.5



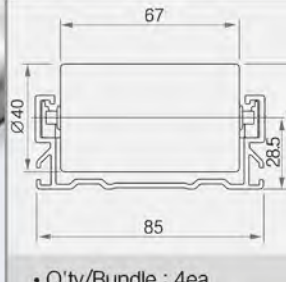
Al Frame

• Q'ty/Bundle : 6ea



GPR8545B

Silent Roller, Pitch: 45



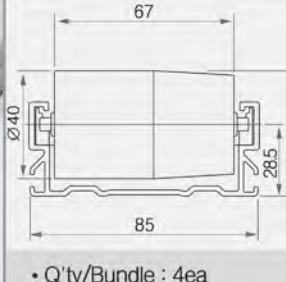
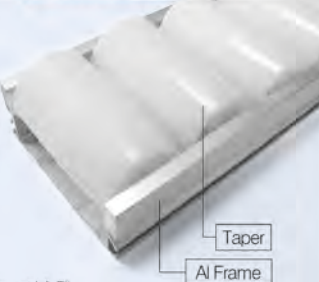
Al Frame

• Slope: >1.5°

• Q'ty/Bundle : 4ea

GPR8545HA

Silent Roller, Pitch: 45



Taper

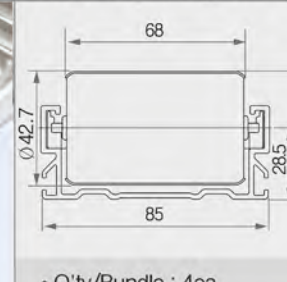
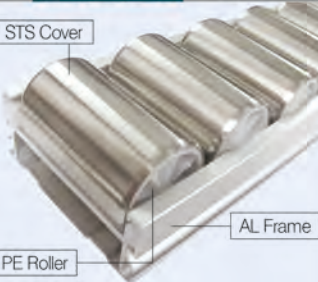
Al Frame

• Slope: >1.5°

• Q'ty/Bundle : 4ea

GPR8545SR

Recycle STS Covered Roller Track, Pitch: 45



STS Cover

PE Roller

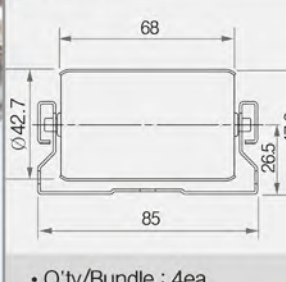
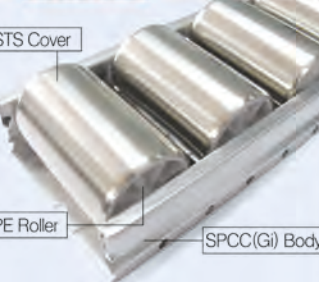
AL Frame

• Slope: >1.5°

• Q'ty/Bundle : 4ea

GP8550SR

STS Covered Roller, Pitch: 50



STS Cover

PE Roller

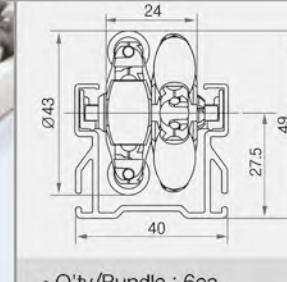
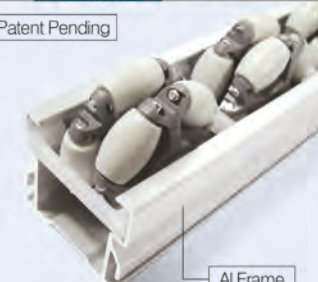
SPCC(Gi) Body

• Q'ty/Bundle : 4ea



UR4050

UNIVERSAL Roller, Pitch: 50



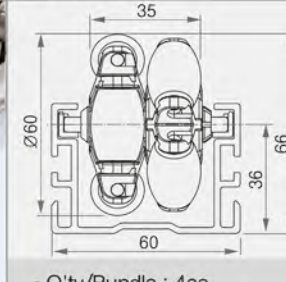
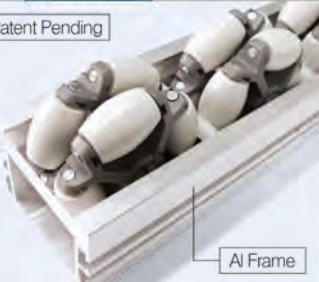
Patent Pending

Al Frame

• Q'ty/Bundle : 6ea

UR6067

UNIVERSAL Roller, Pitch: 67

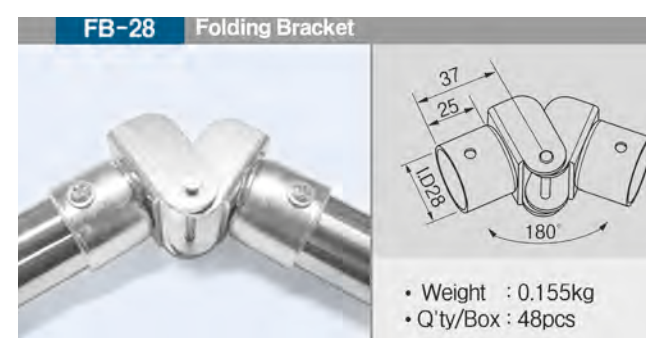
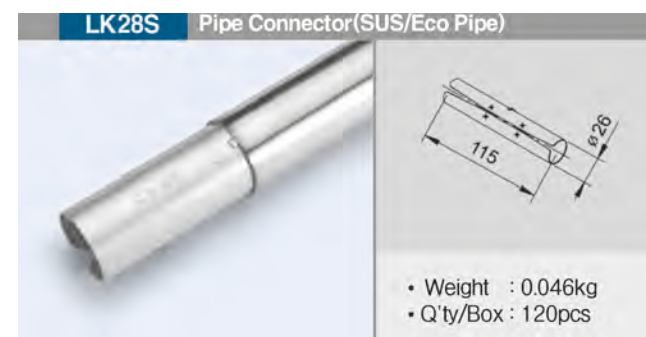
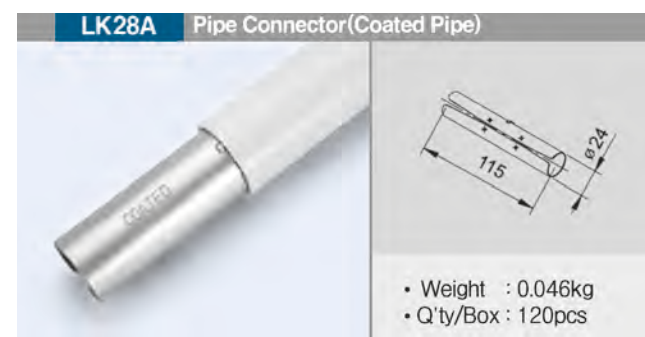
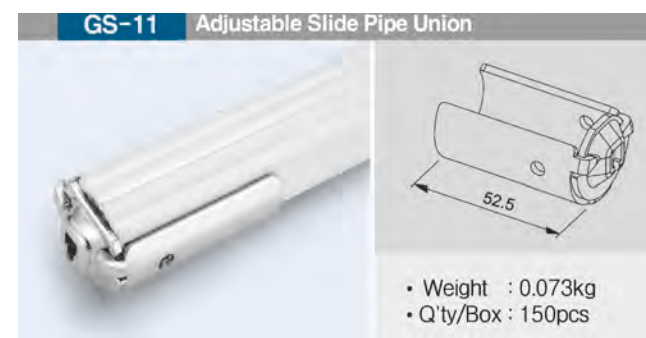
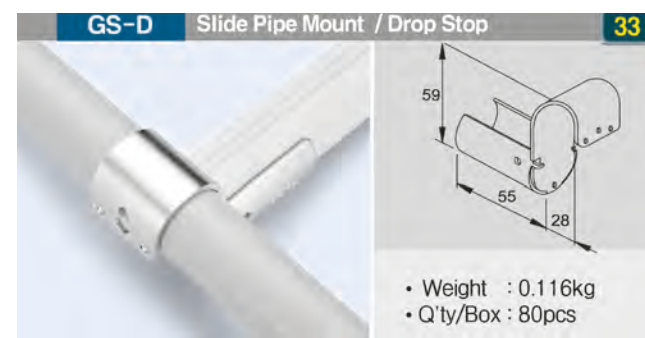
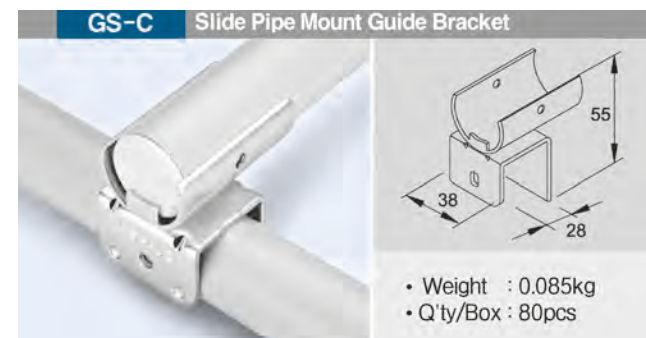
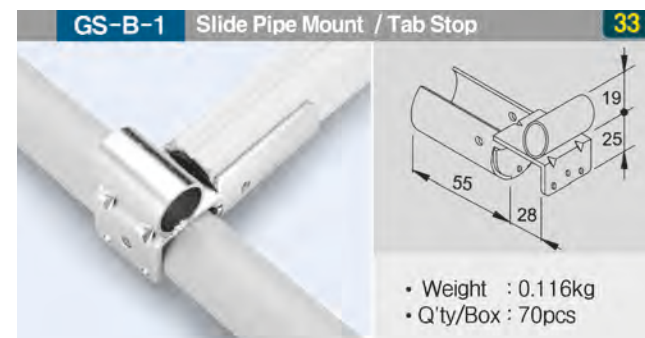
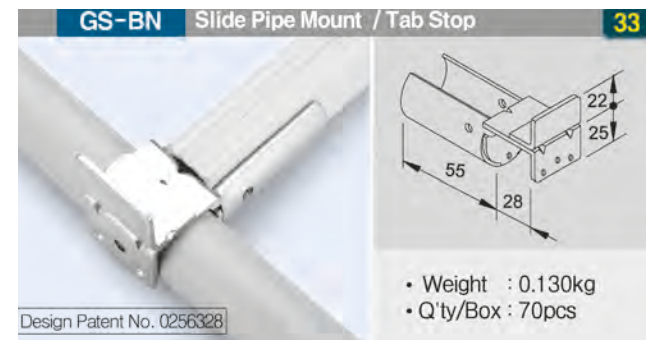
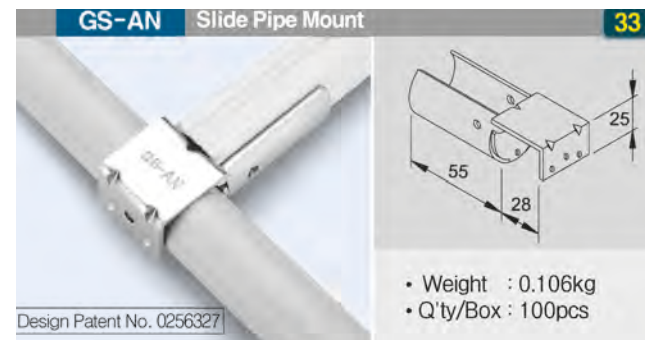


Patent Pending

Al Frame

• Q'ty/Bundle : 4ea

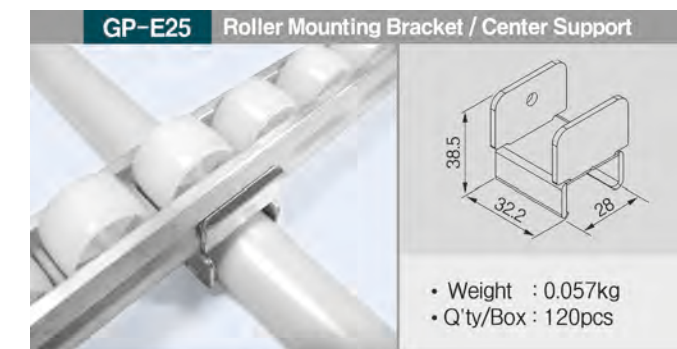
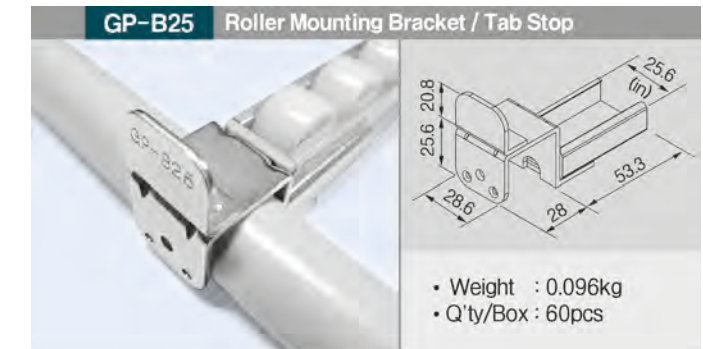
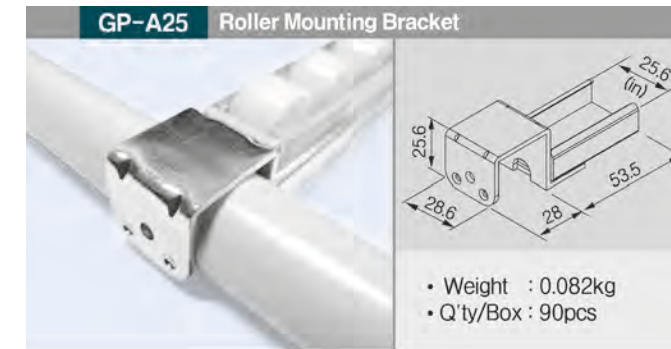
Unit : mm



Surface Treatment - WZ

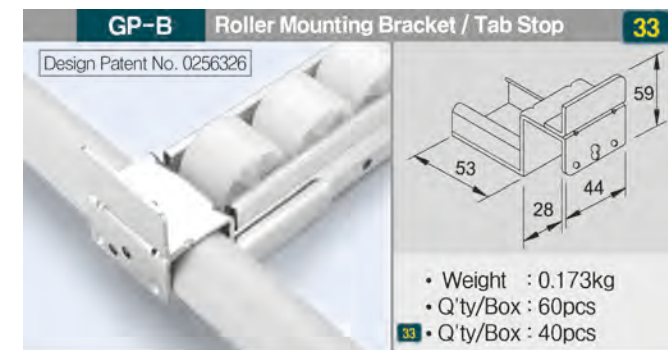
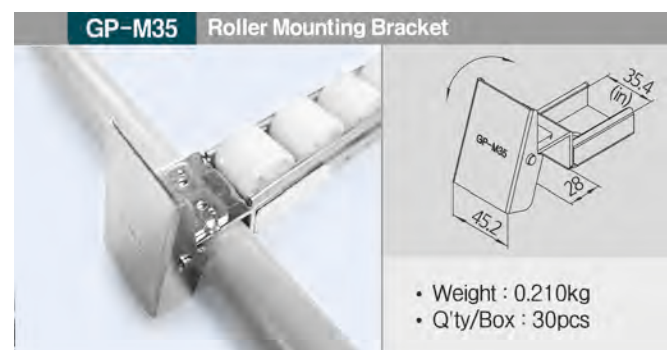
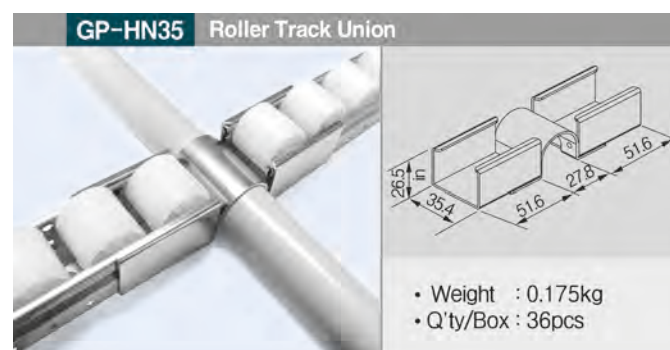
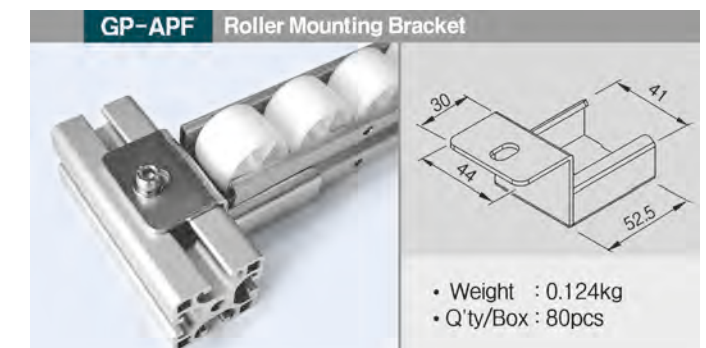
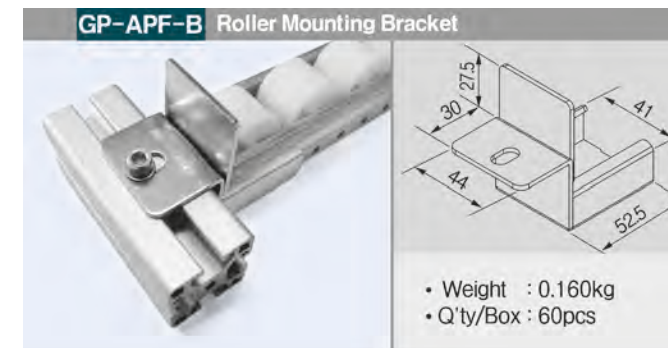
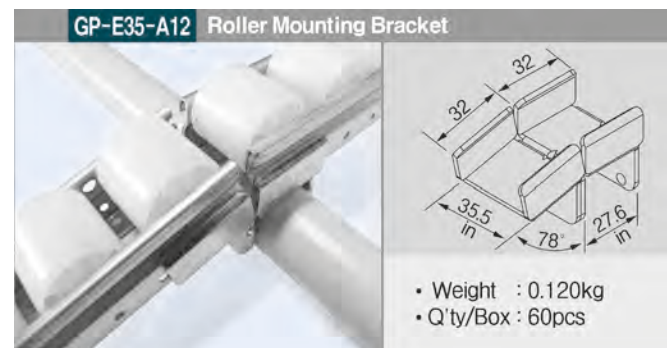
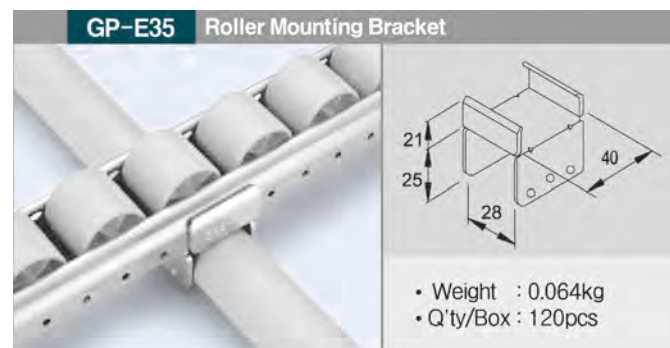
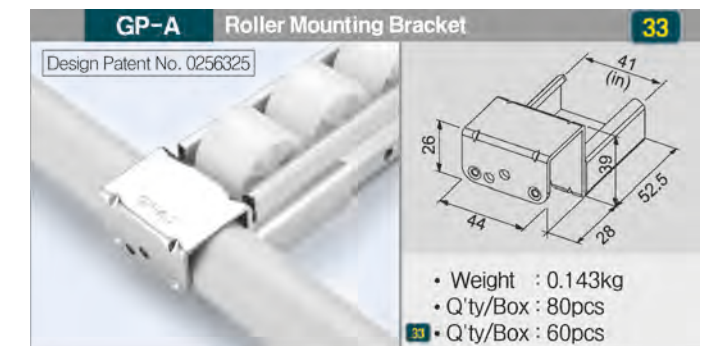
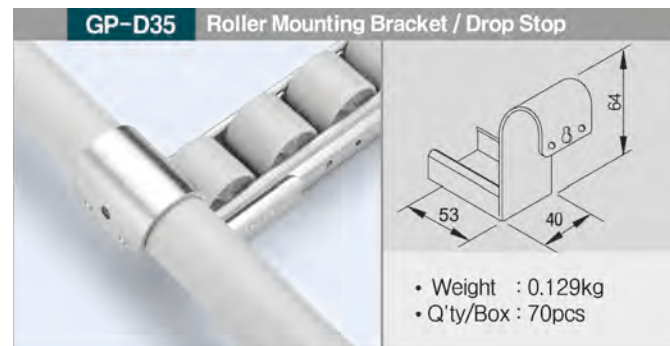
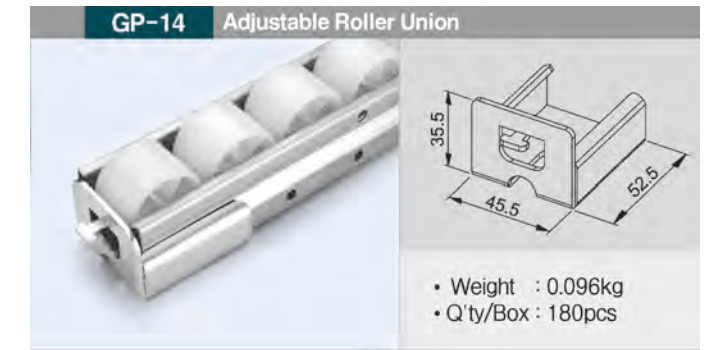
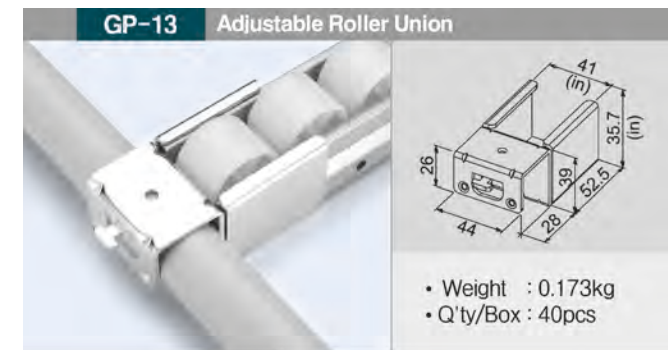
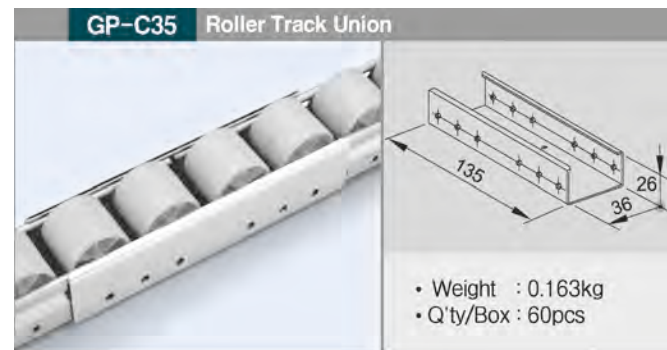
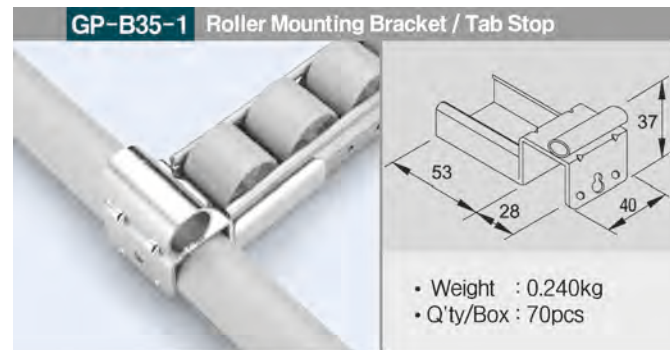
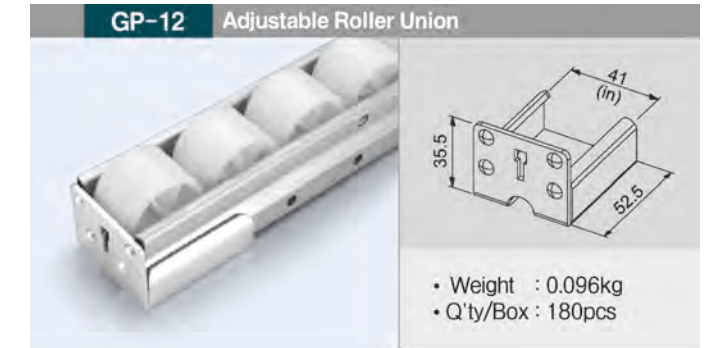
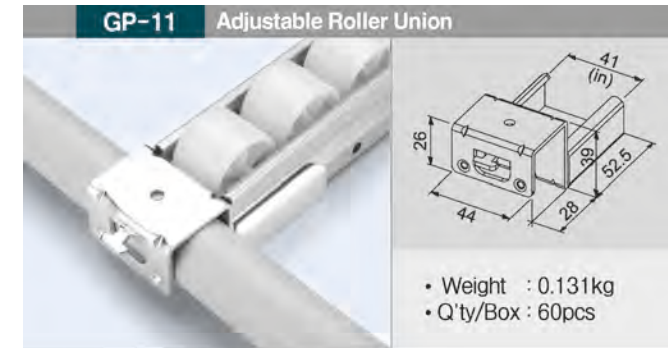
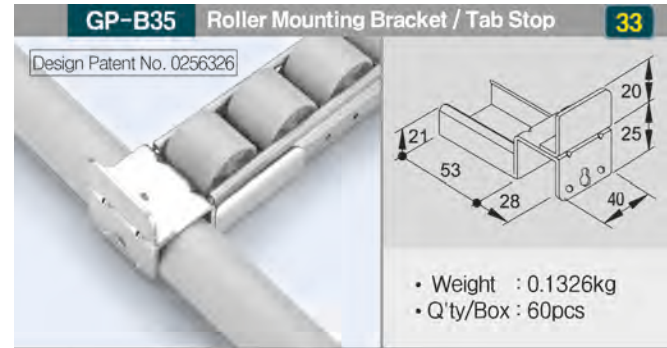
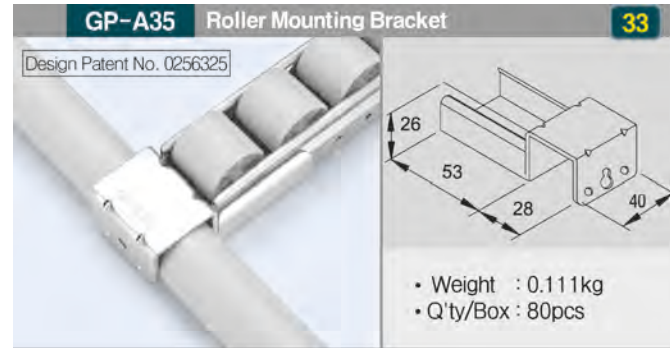
33 is able to be fixed to the joint.
The Part No. of 33 is GP-A33, GP-B33

Unit : mm



Unit : mm

Unit : mm

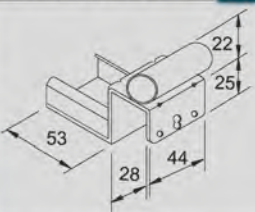


Surface Treatment - WZ

33 is able to be fixed to the joint.
The Part No. of 33 is GP-A33, GP-B33

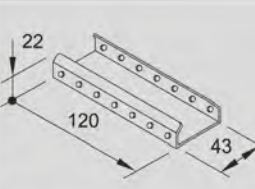
Unit : mm

GP-B-1 Roller Mounting Bracket / Tab Stop 33



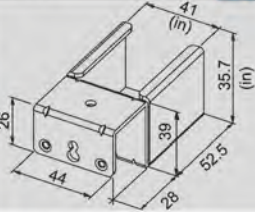
- Weight : 0.174kg
- Q'ty/Box : 50pcs
- 33 • Q'ty/Box : 40pcs

GP-C Roller Track Union



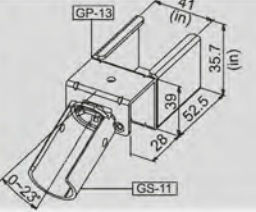
- Weight : 0.121kg
- Q'ty/Box : 80pcs

GP-F Roller Mounting Bracket 33



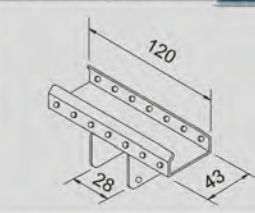
- Weight : 0.175kg
- Q'ty/Box : 50pcs

GP-FA Adjustable Roller to Slide Pipe Union



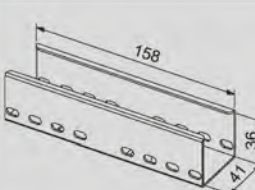
- GS-11 & GP-13

GP-C-1 Roller Track Union / Center Support 33



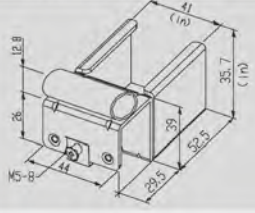
- Weight : 0.170kg
- Q'ty/Box : 40pcs
- 33 • Q'ty/Box : 32pcs

GP-CN Roller Track Union



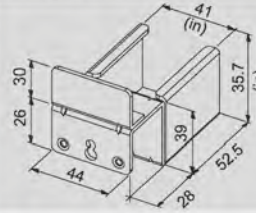
- Weight : 0.232kg
- Q'ty/Box : 36pcs

GP-FC Roller Mounting Bracket / Tab Stop



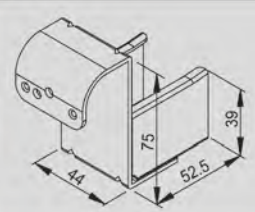
- Weight : 0.200kg
- Q'ty/Box : 42pcs

GP-G Roller Mounting Bracket / Tab Stop



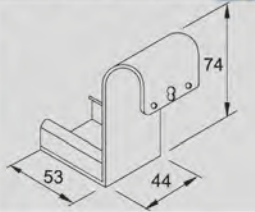
- Weight : 0.250kg
- Q'ty/Box : 40pcs

GP-DF Roller Mounting Bracket



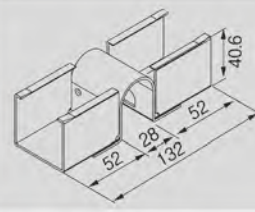
- Weight : 0.194kg
- Q'ty/Box : 50pcs

GP-DN Roller Mounting Bracket / Drop Stop 33



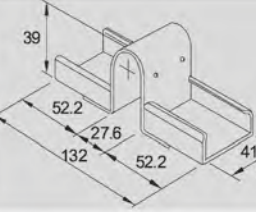
- Weight : 0.165kg
- Q'ty/Box : 70pcs

GP-HF Roller Track Union



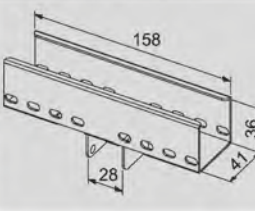
- Weight : 0.232kg
- Q'ty/Box : 24pcs

GP-HN Roller Track Union



- Weight : 0.279kg
- Q'ty/Box : 30pcs

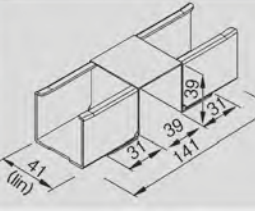
GP-EN Roller Mounting Bracket / Center Support



- Weight : 0.217kg
- Q'ty/Box : 20pcs

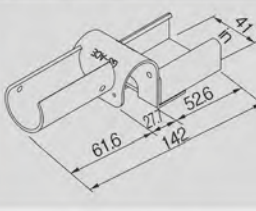


GP-HP Roller Track Union



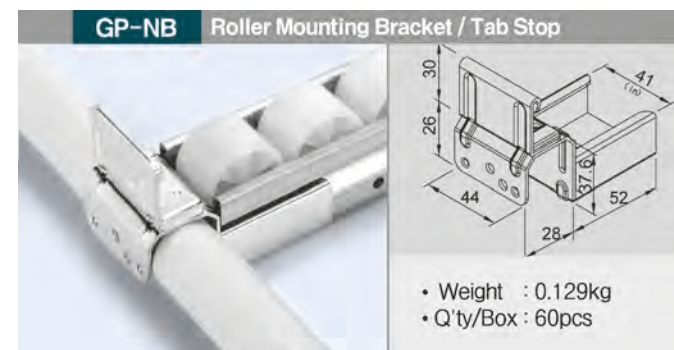
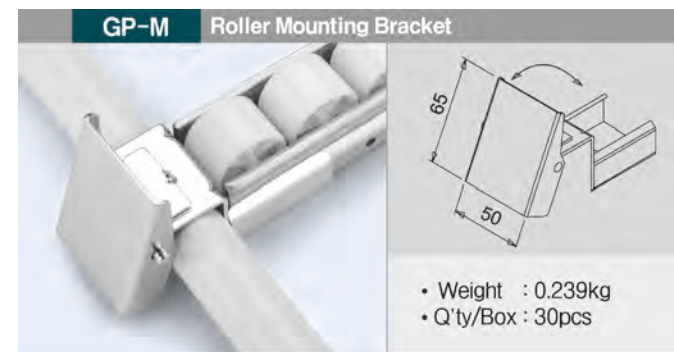
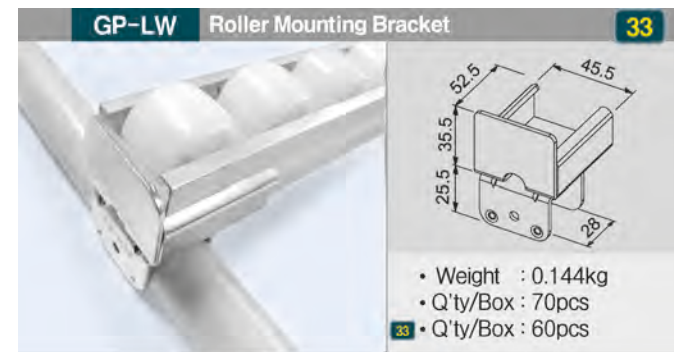
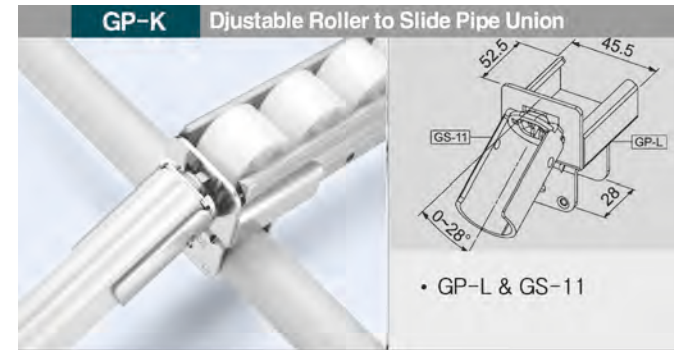
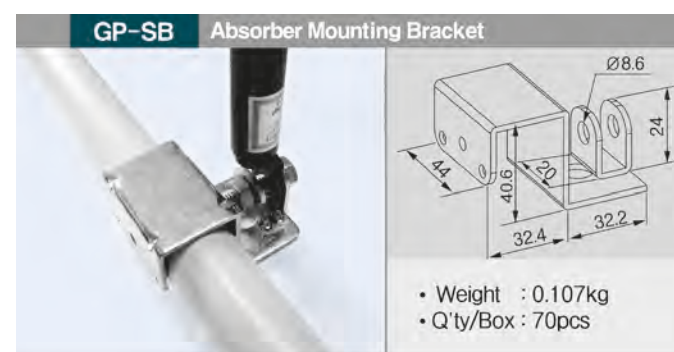
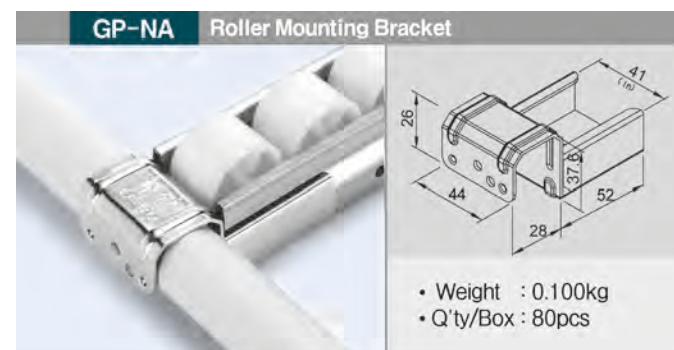
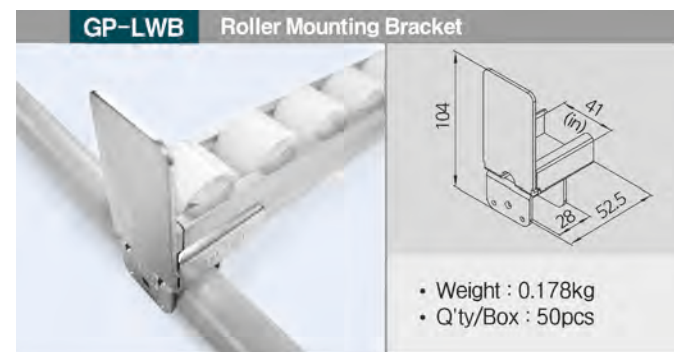
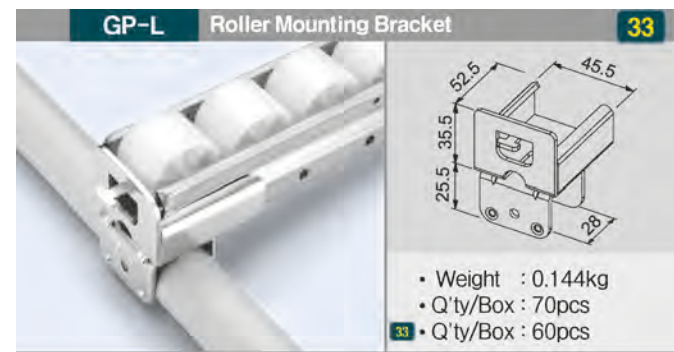
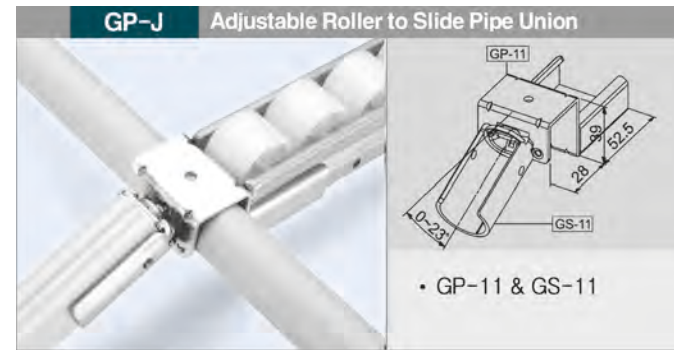
- Weight : 0.215kg
- Q'ty/Box : 24pcs

GP-HS Adjustable Roller to Slide Pipe Union



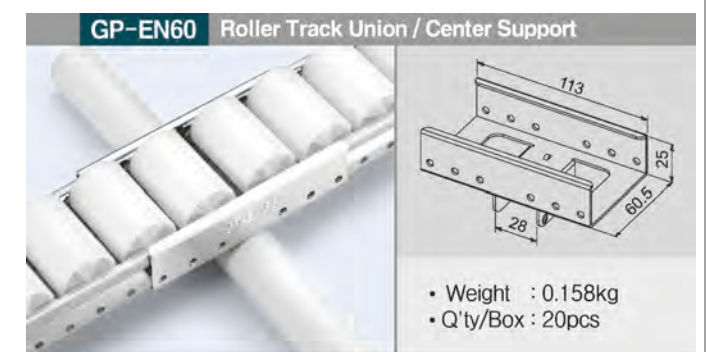
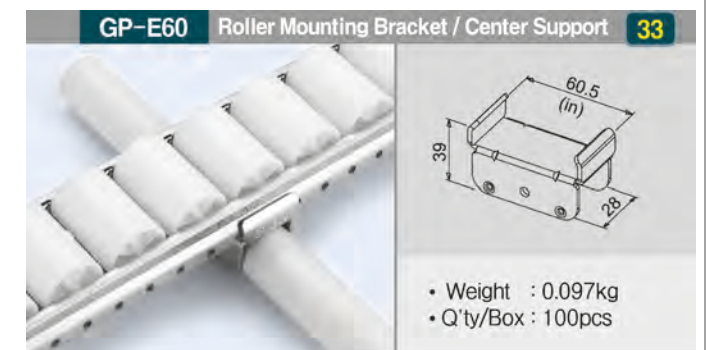
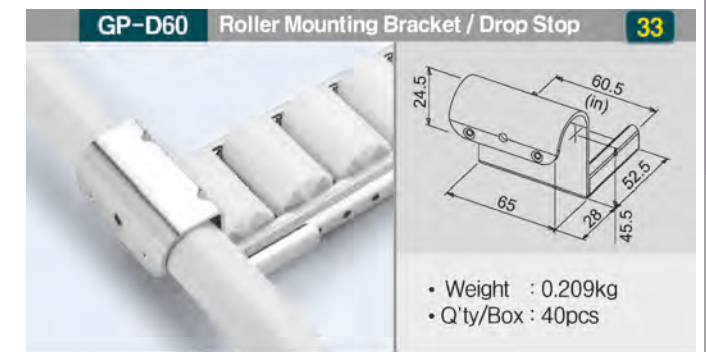
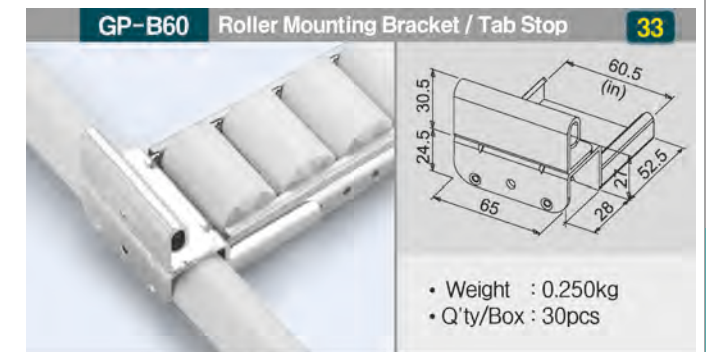
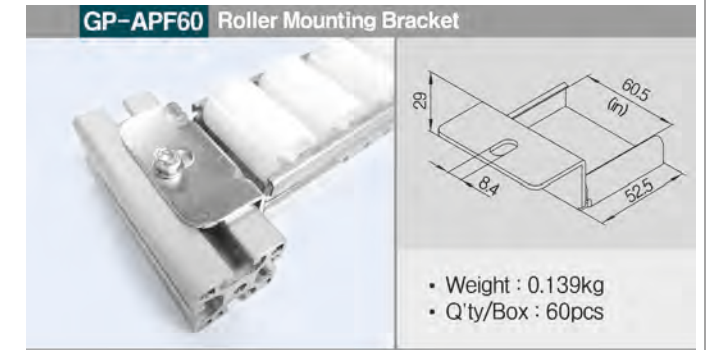
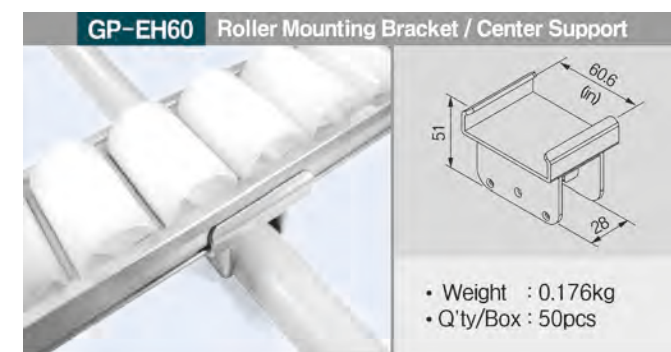
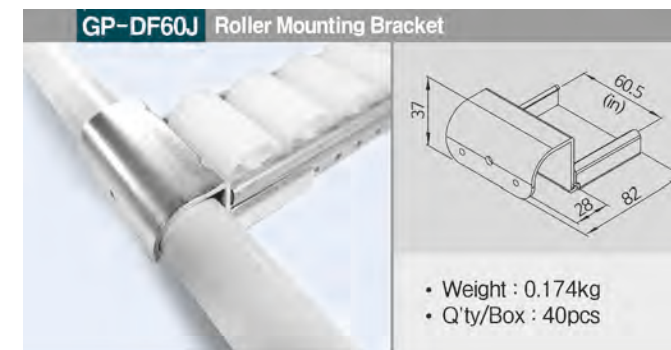
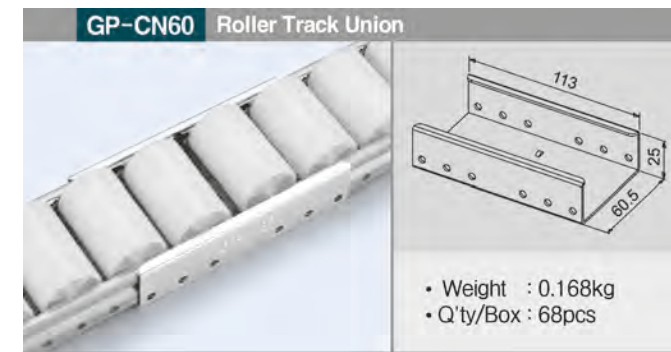
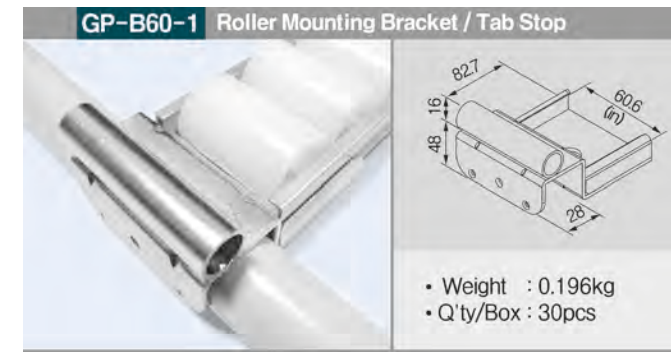
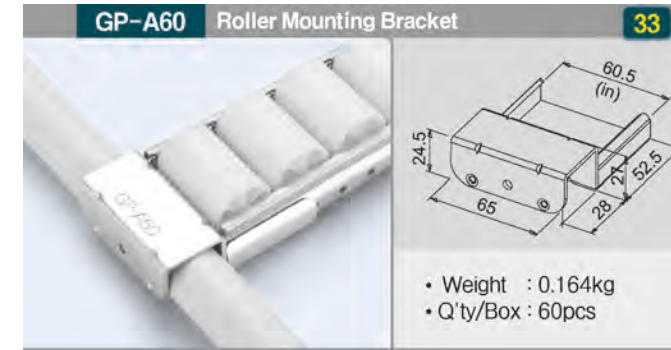
- Weight : 0.200kg
- Q'ty/Box : 20pcs



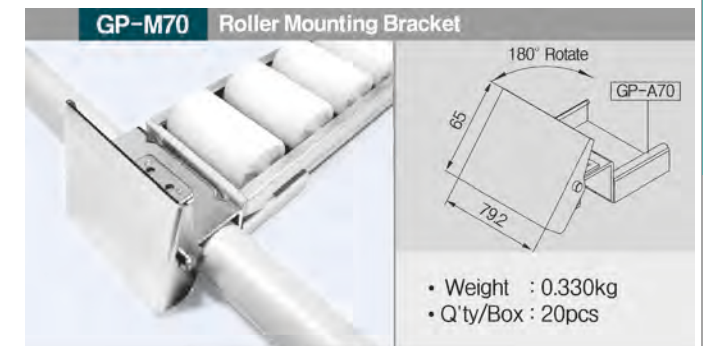
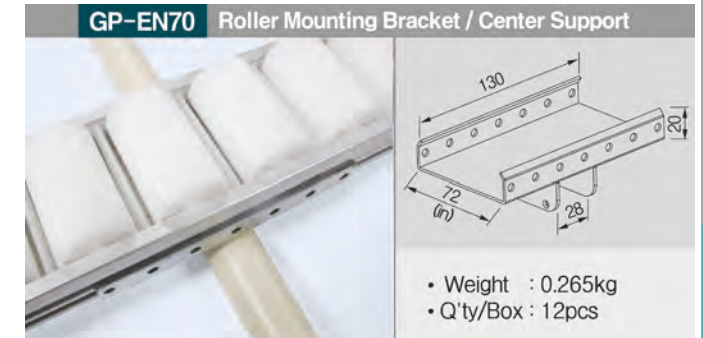
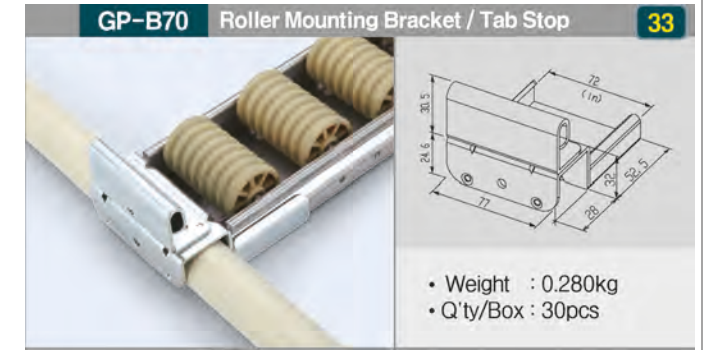
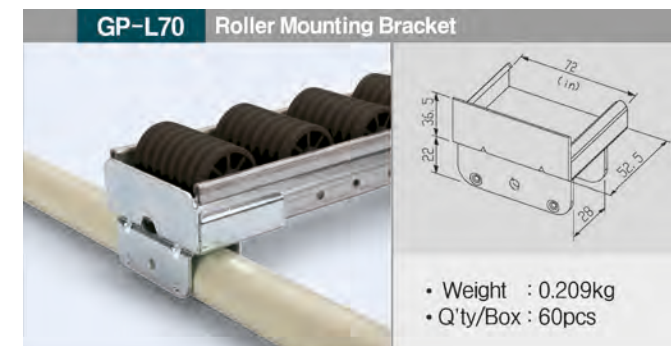
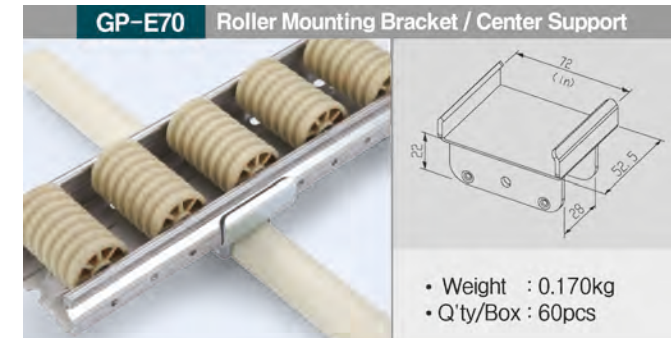
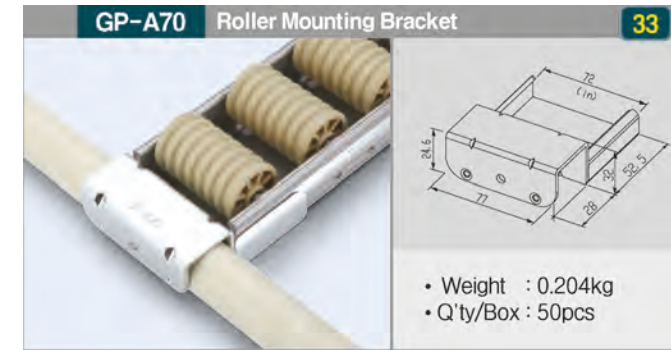
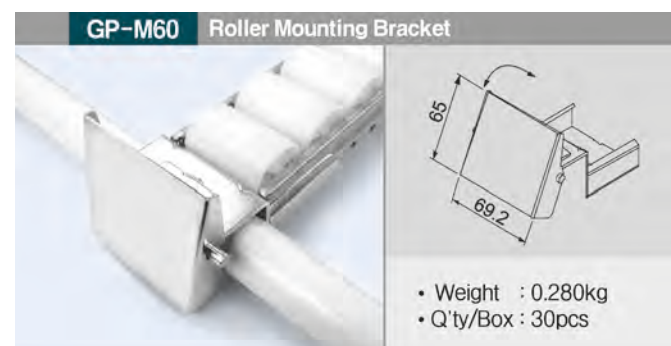
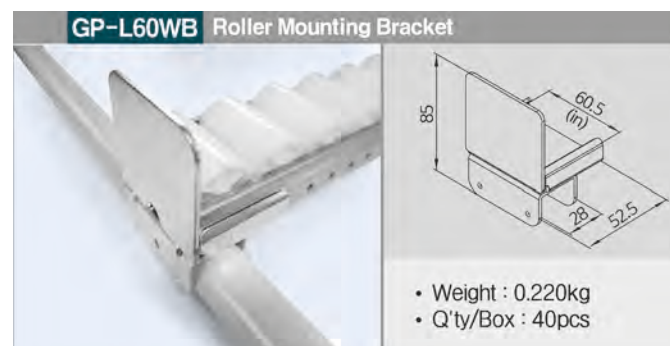
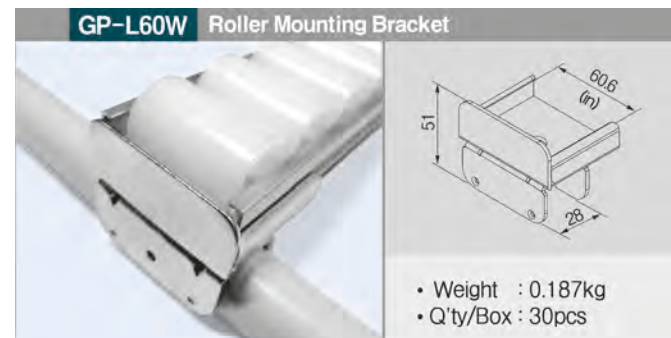
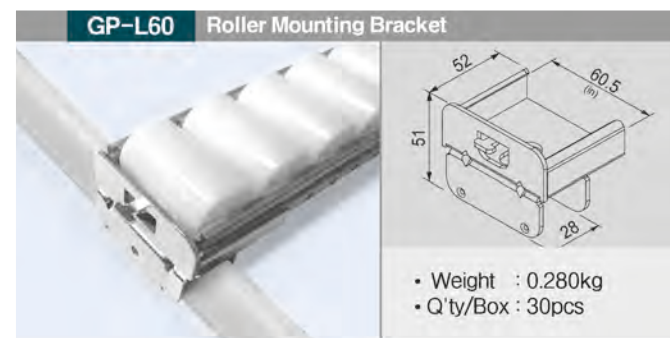
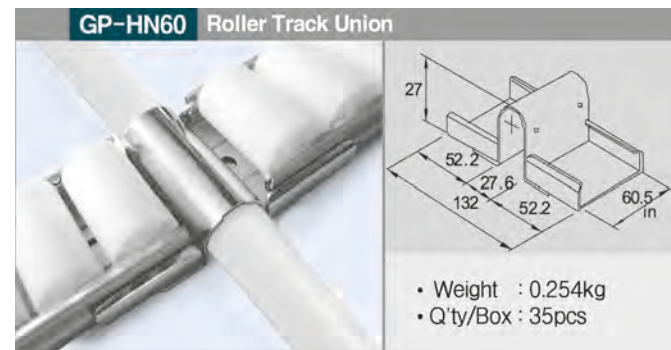
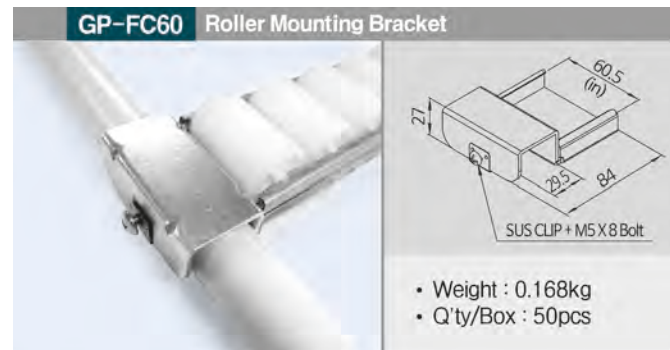


Surface Treatment - WZ

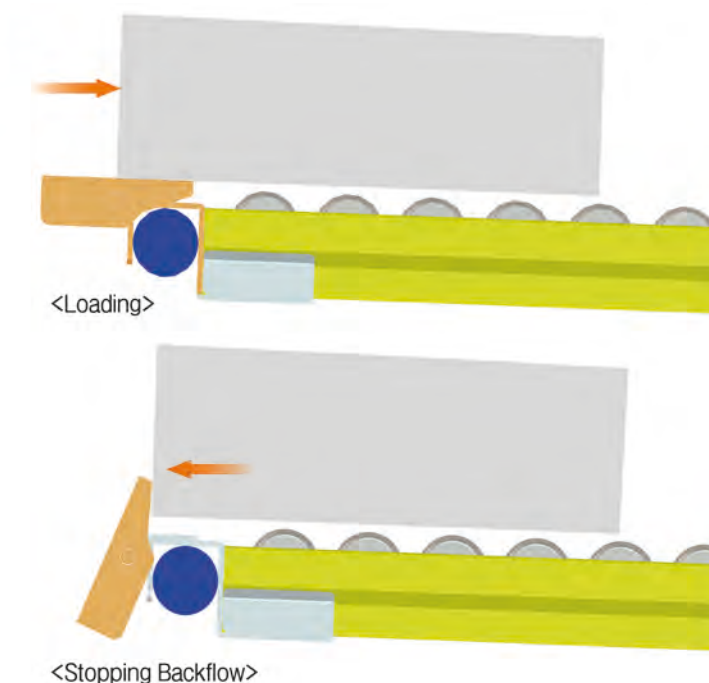
33 is able to be fixed to the joint.
The Part No. of 33 is GP-A33, GP- B33



Unit : mm



Example for GP-M60

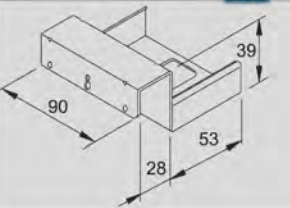


Surface Treatment - WZ

33 is able to be fixed to the joint.
The Part No. of 33 is GP-A33, GP-B33

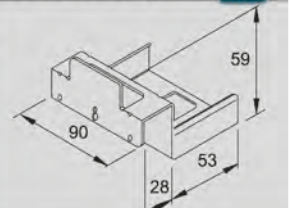
Unit : mm

GP-A85 Roller Mounting Bracket 33



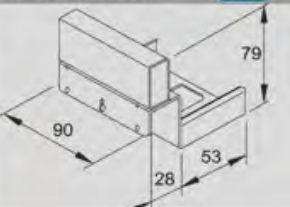
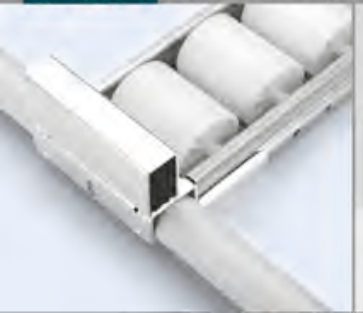
- Weight : 0.231kg
- Q'ty/Box : 40pcs

GP-B85 Roller Mounting Bracket / Tab Stop 33



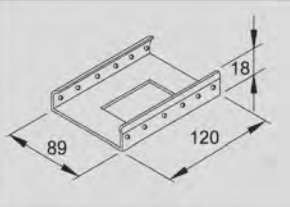
- Weight : 0.300kg
- Q'ty/Box : 30pcs

GP-B85-1 Roller Mounting Bracket / Tab Stop 33



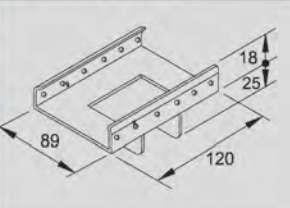
- Weight : 0.318kg
- Q'ty/Box : 20pcs

GP-C85 Roller Track Union 33



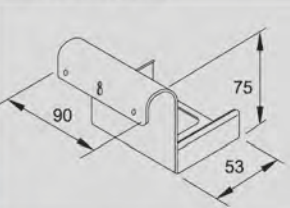
- Weight : 0.140kg
- Q'ty/Box : 70pcs

GP-C85-1 Roller Track Union / Center Support 33



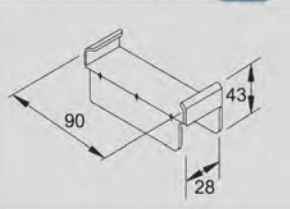
- Weight : 0.243kg
- Q'ty/Box : 20pcs

GP-D85 Roller Mounting Bracket / Drop Stop 33



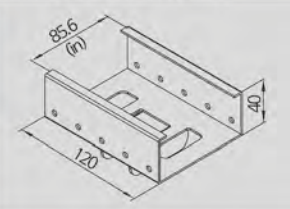
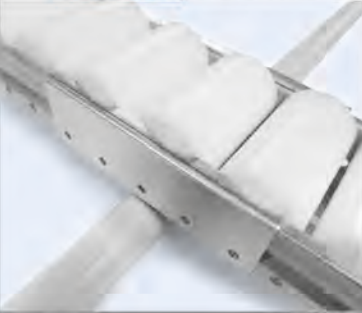
- Weight : 0.235kg
- Q'ty/Box : 30pcs

GP-E85 Roller Mounting Bracket / Center Support 33



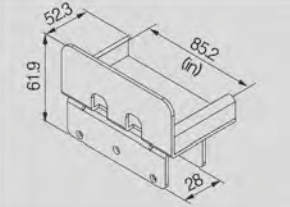
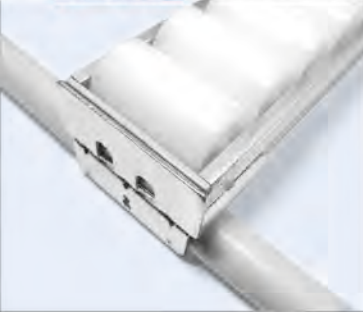
- Weight : 0.124kg
- Q'ty/Box : 80pcs

GP-EN85 Roller Mounting Bracket / Center Support 33



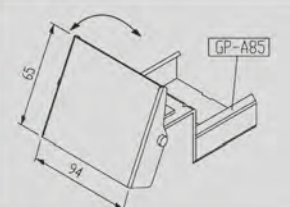
- Weight : 0.324kg
- Q'ty/Box : 12pcs

GP-L85W Roller Mounting Bracket 33



- Weight : 0.276kg
- Q'ty/Box : 24pcs

GP-M85 Roller Mounting Bracket 33

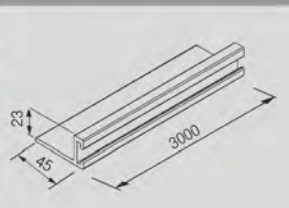


- Weight : 0.403kg
- Q'ty/Box : 20pcs

BOX GUIDE PLASTIC

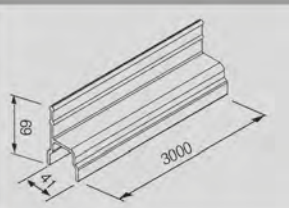
Unit : mm

DP-A Dust Plate 33



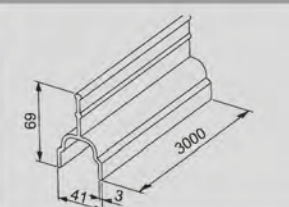
- Weight : 0.36kg/m

RG-40D Box Guide 33



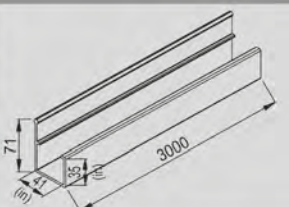
- Weight : 0.57kg/m

RG-40A Box Guide 33



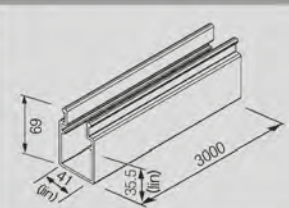
- PVC Weight : 0.50kg/m

RG-40C Box Guide 33



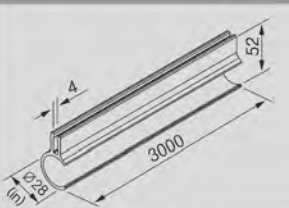
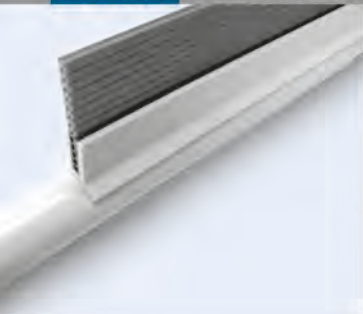
- PVC Weight : 0.70kg/m

RG-40E Box Guide 33



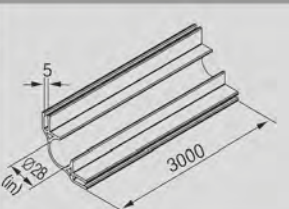
- Weight : 0.86kg/m

SG-01 Sheet Guide 33



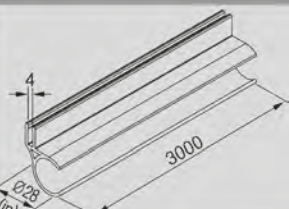
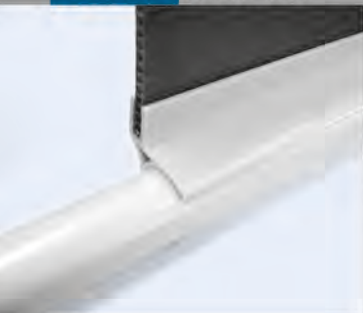
- Weight : 0.45kg/m

SG-02 Sheet Guide 33



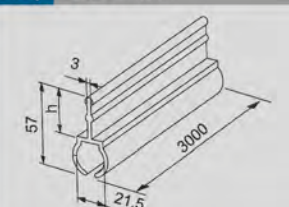
- Weight : 0.740kg/m

SG-03 Sheet Guide 33



- Weight : 0.490kg/m

SG-28A(h:30) / SG-2860A(h:60) Box Guide 33



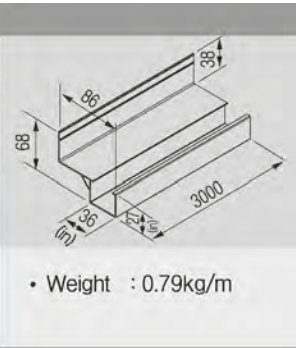
- Weight : 0.38kg/m



BOX GUIDE ALUMINIUM

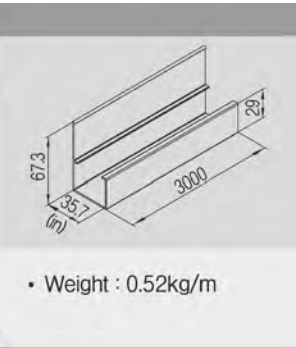
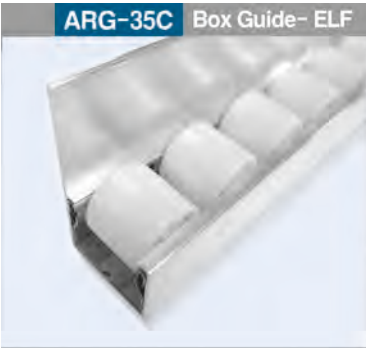
Unit : mm

ARG-35B Box Guide- ELF



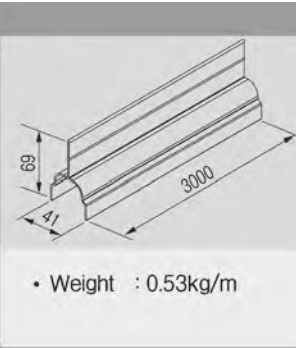
• Weight : 0.79kg/m

ARG-35C Box Guide- ELF



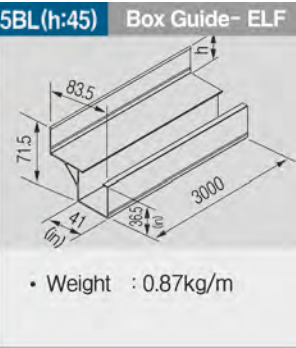
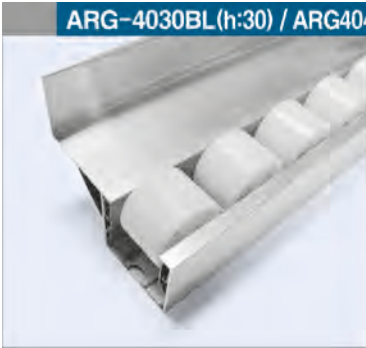
• Weight : 0.52kg/m

ARG-40A Box Guide- ELF



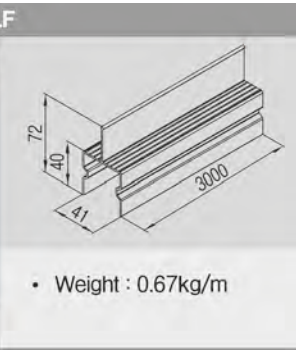
• Weight : 0.53kg/m

ARG-4030BL(h:30) / ARG4045BL(h:45) Box Guide- ELF



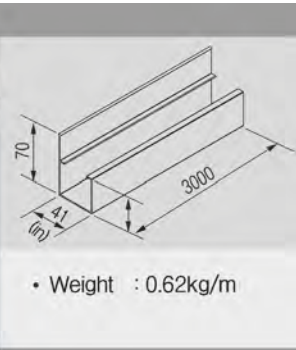
• Weight : 0.87kg/m

ARG-4032AN Box Guide- ELF



• Weight : 0.67kg/m

ARG-40C Box Guide- ELF



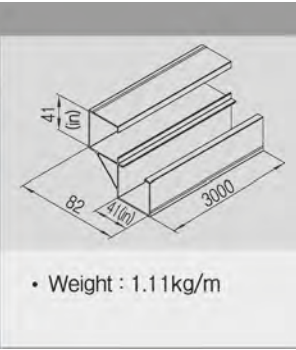
• Weight : 0.62kg/m

ARG-40D Box Guide- ELF



• Weight : 0.57kg/m

ARG-40F Box Guide- ELF



• Weight : 1.11kg/m

EWS-() WORK STOPPER

STANDARD TYPE (Material-ST5)



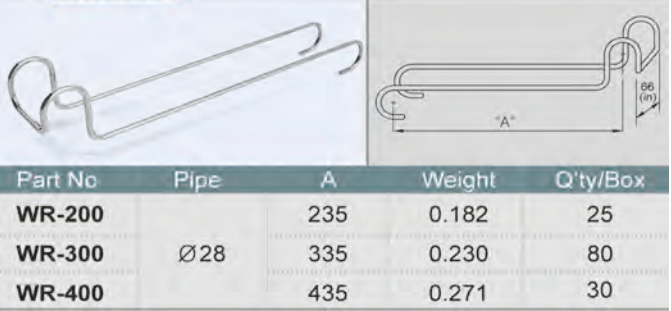
SPECIAL TYPE (Material-ST5)



Part No	Model	Weight	Q'ty/Box
EWS -A	GP4036A/4036B	0.056kg	240pcs
EWS-B	GP4050C	0.041kg	300pcs
EWS-C	GP8550SR	0.136kg	70pcs
EWS-D	GP4050D	0.061 kg	160 pcs
EWS-E	GP3533B	0.036 kg	320 pcs
EWS-F	GP6033B	0.085 kg	170 pcs
EWS-G	GP40404/B	0.085 kg	240 pcs
EWS-J	GP6016S	0.078 kg	200 pcs
EWS-K	GP8543B/HA	0.140 kg	90 pcs

Part No	Model	Weight	Q'ty/Box
EWS -AN	GP4036A/4036B	0.086kg	250 pcs
EWS-GN	GP4040A/B	0.056kg	250 pcs
EWS-MN	GPR8545B/HA	0.155kg	30pcs

WR-() WIRE RACKS



Part No	Pipe	A	Weight	Q'ty/Box
WR-200		235	0.182	25
WR-300	Ø28	335	0.230	80
WR-400		435	0.271	30

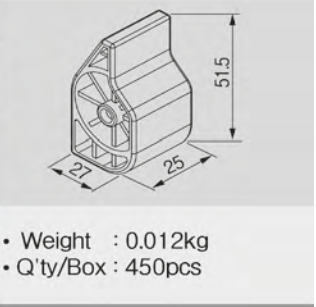


PR-01 Pipe Roller



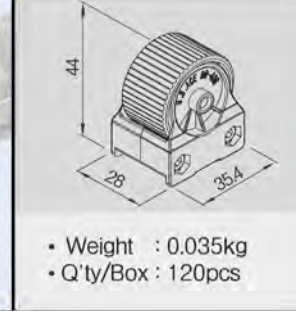
• Weight : 0.031kg
• Q'ty/Box : 150pcs

SR-40 Stop Roller

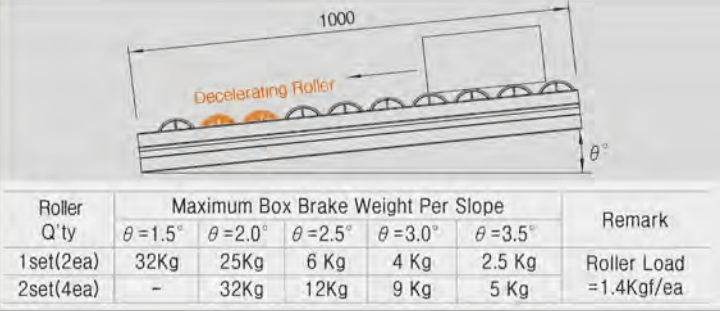


• Weight : 0.012kg
• Q'ty/Box : 450pcs

DR-40R Decelerating Roller



• Weight : 0.035kg
• Q'ty/Box : 120pcs

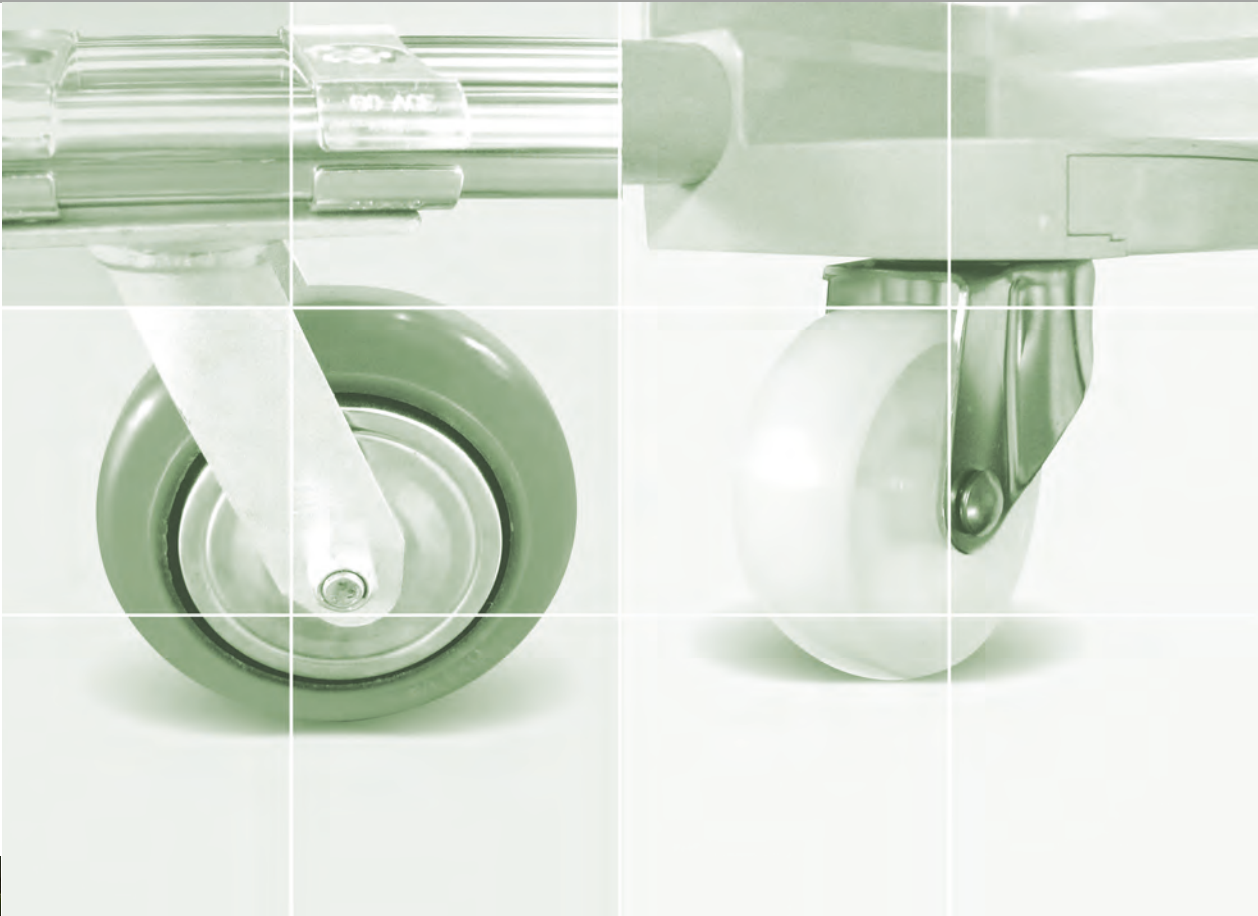


Roller	Q'ty	Maximum Box Brake Weight Per Slope					Remark
		$\theta = 1.5^\circ$	$\theta = 2.0^\circ$	$\theta = 2.5^\circ$	$\theta = 3.0^\circ$	$\theta = 3.5^\circ$	
1set(2ea)	32Kg	25Kg	6 Kg	4 Kg	2.5 Kg		Roller Load =1.4Kg/ea
2set(4ea)	-	32Kg	12Kg	9 Kg	5 Kg		





CASTERS



KH-200-Adjustment



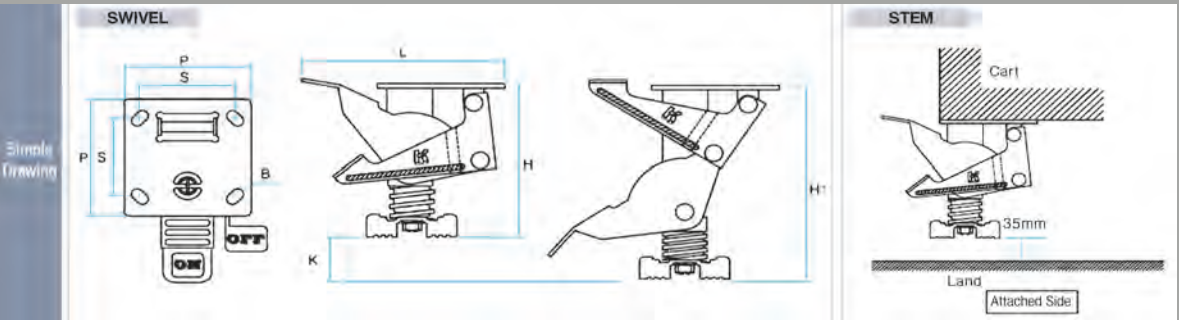
KH200-6



KH200-8



Item No.	H	K	H1	L	P	S	B	Caster Height
125-140KH-200-4	103	27	130-145	150	97X88	70X60	10	125-140
KH-200-Stainless	165	45	210-230	191	120X120	85X85	10	190-220
KH-200-Adjustment	165	45	210-230	191	120X120	85X85	10	190-220
KH-200-6	157	45	198	191	120X120	85X85	11	190-195
KH-200-8	212	45	257	191	120X120	85X85	11	241-250



CASTERS  Better Mobility. Better Life.						
Référence	961776	961267	959219	902261	903172	903196
Color	Blue	Blue	Blue	Blue	Yellow	Yellow
Ø roue (mm)	125	100	125	125	160	160
Largeur bandage (mm)	40	34	40	40	50	50
Dimension de platine (mm)	-	-	105 x 85	103 x 85	137 x 105	137 x 115
Distance entre axe (mm)	-	-	80/77 x 60	80/77 x 60	105 x 80/75	105 x 80/75
Diamètre des trous (mm)	-	-	9	9	11	11
Déport (mm)	40	41	40	-	60	-
Diamètre d'encombrement (mm)	205	233	233	-	334	-
Hauteur (mm)	155	128	155	155	200	200
Résistance à la température (C°)	-20° à +80°				-20° à +60°	
Norme	EN 12532				EN 12532	
Poids (kg)	0,75	0,81	1,246	0,812	2,823	2,081
Rayon d'encombrement	102,5	116,5	116,5	-	167	-
Dureté du bandage (Shore)	64 A	64 A	64 A	64 A	92 A	92 A
Capacité en charge dynamique (kg)	125	125	125	250	350	350
Capacité charge statique	250	250	250	500	700	700
Trou central (mm)	13	13	-	-	-	-
Resistance au roulement	-	-	3/5	3/5	3/5	3/5
Bruit du mouvement	-	-	5/5	5/5	3/5	3/5
Usure	-	-	3/5	3/5	4/5	4/5
Resistance à l'oxydation	-	-	3/5	3/5	3/5	3/5
Roulette	Pivotante		Pivotante à blo- cage total suiveur	fixe	Pivotante à blo- cage total suiveu	fixe
Chape	acier embouti					
Finition	zingué			zingué blue	zingué	zingué blue
Pivot	double chemin de billes			-	dbl chem.billes	-
Axe de roue	boulonné					
Fixation	à l'œil	trou central	platine		platine	
Corps de roue	Polyamide				aluminium	
Bandage	caoutchouc élastique non tachant				polyuréthane coulé	
Roulement	rouleaux				à billes de précision	

CASTER INSERT

REF 903953 - Ø21,5 - 24

R07-Ø21,5-24
EAN 4031582321388

Fixation expansible pour tubes ronds

Fiche technique

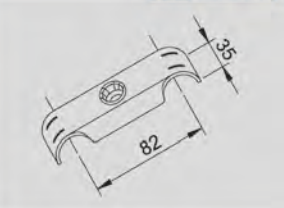
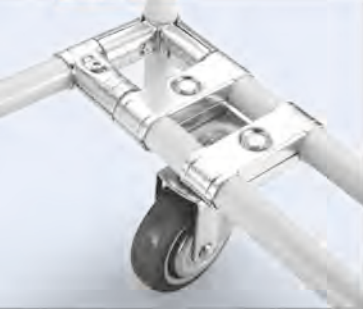
Diamètre de l'expansible	21,5 - 24 mm
Résistance à la température	- 10 / + 40 °C
Poids	0.126 kg

Résistance au roulement	+	+	+	+	+
Bruit du mouvement	+	+	+	+	+
Usure	+	+	+	+	+
Résistance à l'oxydation.	+	+	+	+	+



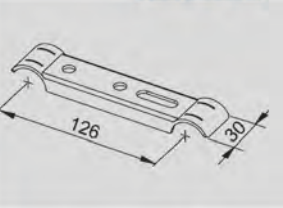
Unit : mm

CM-100Caster Mount Strap33:CM-330



- Weight : 0.102kg
- Q'ty/Box : 150pcs

CM-200Caster Mount Strap33:CM-230



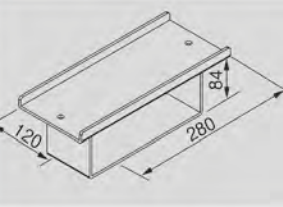
- Weight : 0.107kg
- Q'ty/Box : 120pcs

CM-300Caster Mount Strap



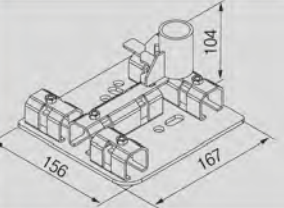
- Weight : 0.078kg
- Q'ty/Box : 300pcs

FG-01Fork Guide



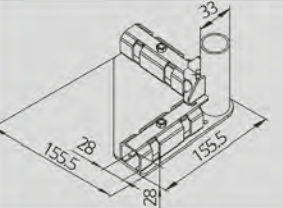
- Weight : 2.44kg
- Q'ty/Box : 2pcs

MCP-CMount Center Plate



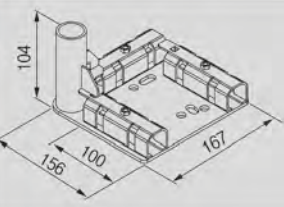
- Weight : 1.28kg
- Q'ty/Box : 12pcs

MCP-EMount Corner Plate



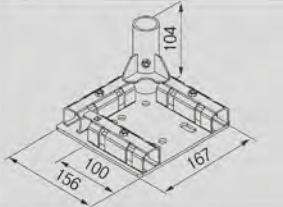
- Weight : 1.100kg
- Q'ty/Box : 10pcs

MCP-BN-LMount Corner Plate-Left



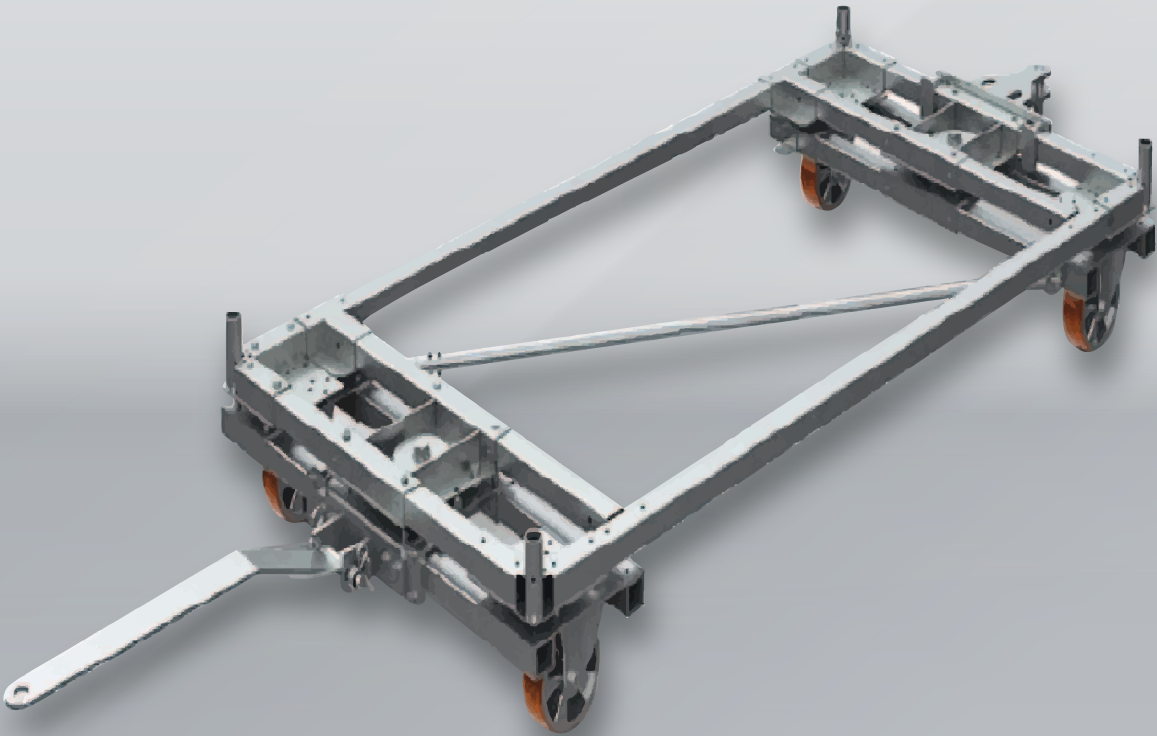
- Weight : 1.478kg
- Q'ty/Box : 12pcs

MCP-BN-RMount Corner Plate-Right



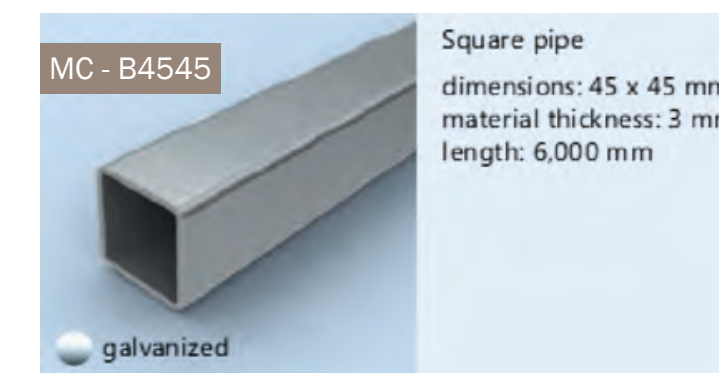
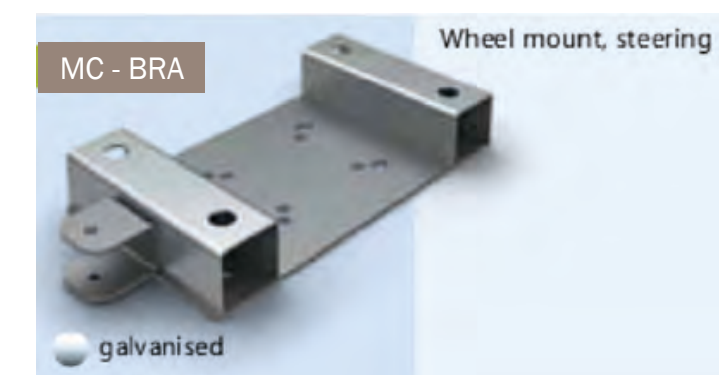
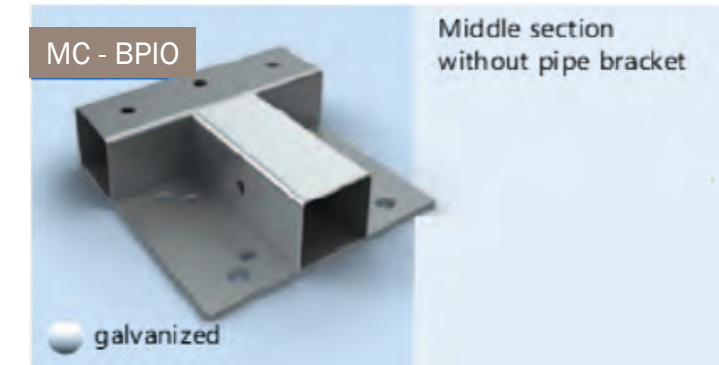
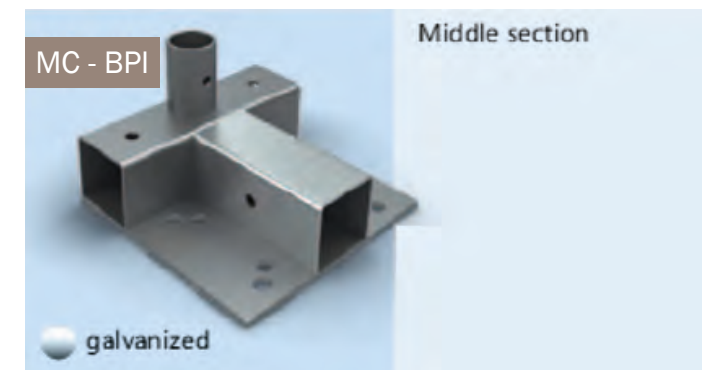
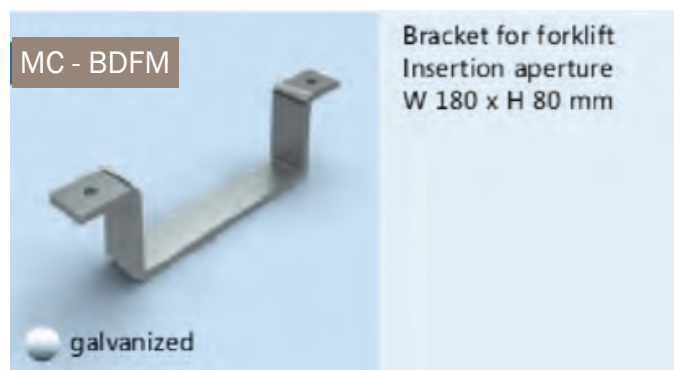
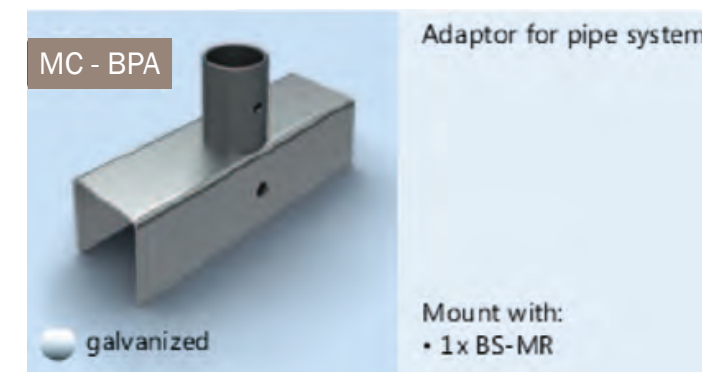
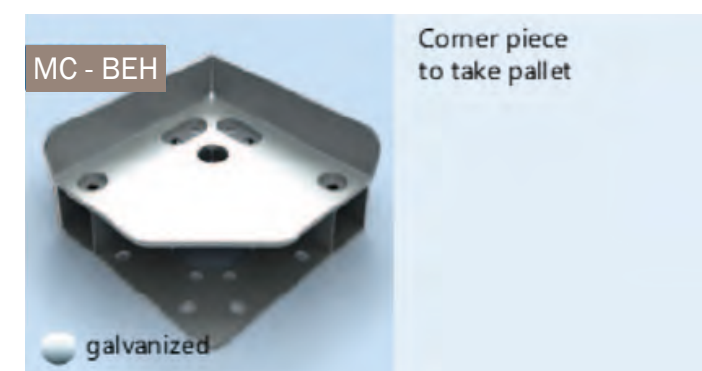
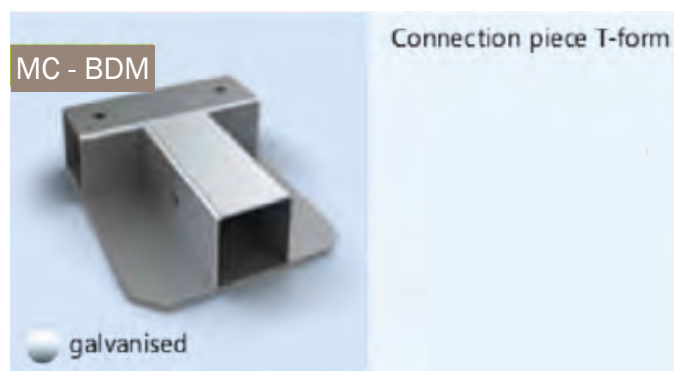
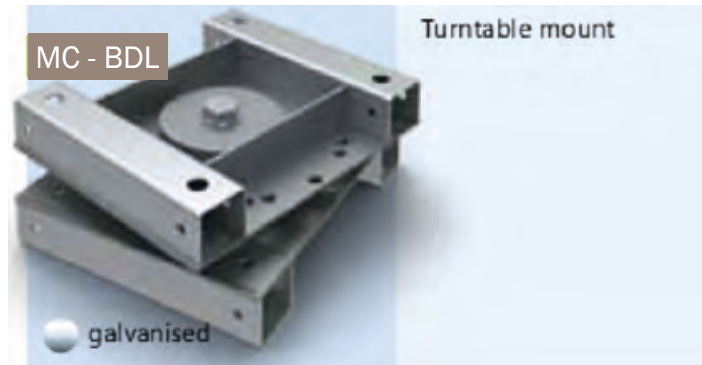
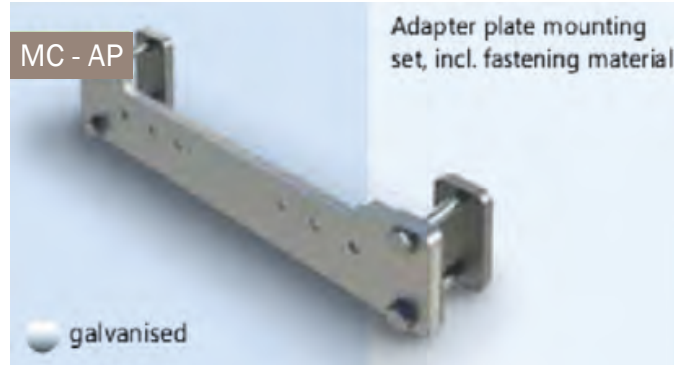
- Weight : 1.478kg
- Q'ty/Box : 12pcs

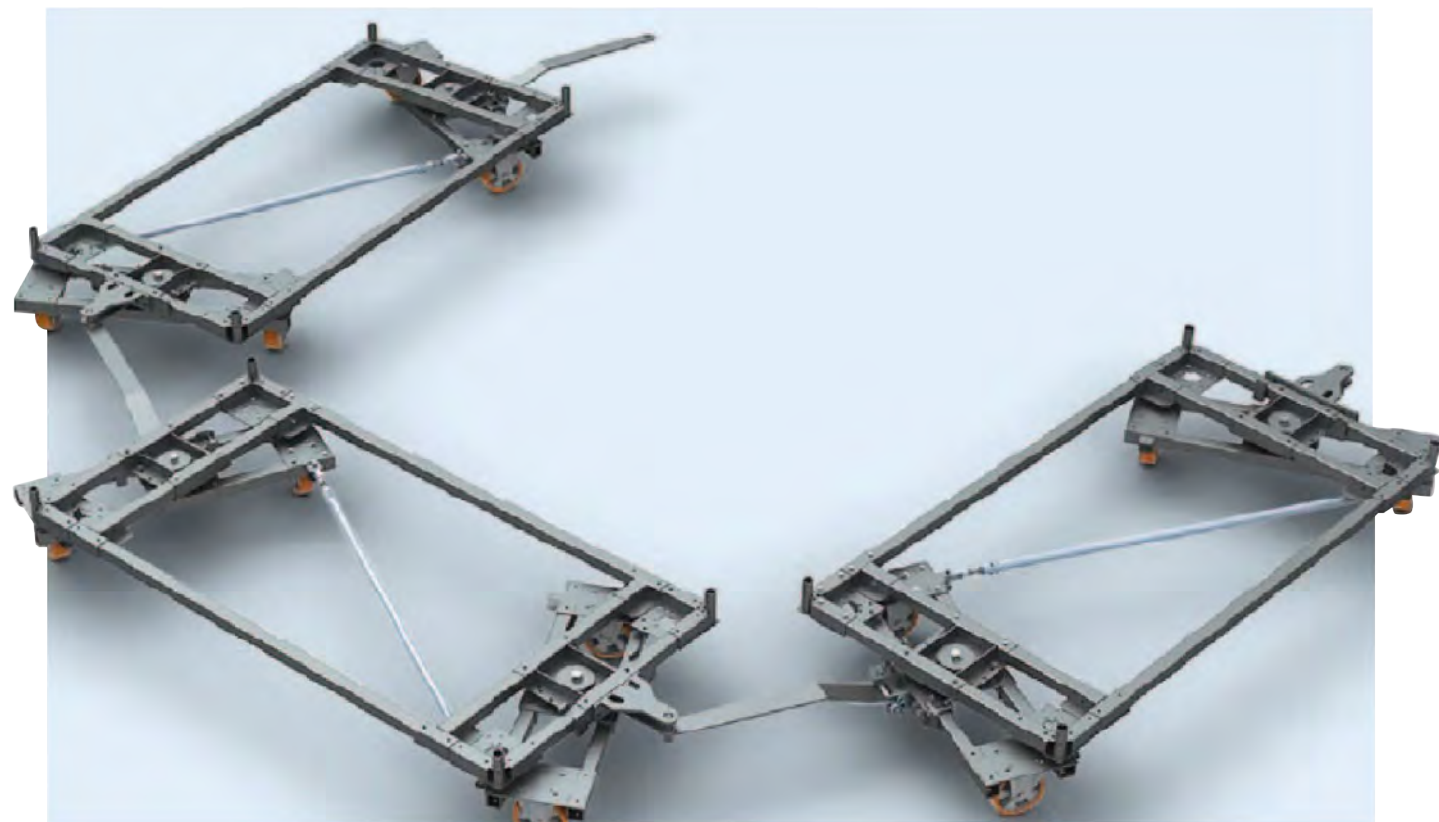
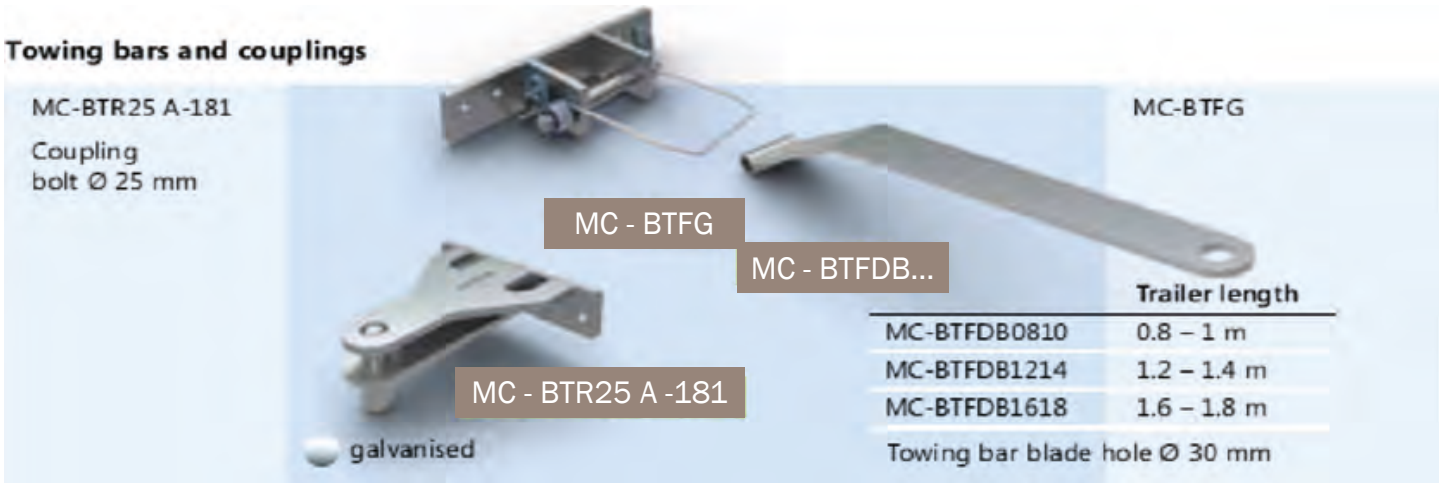
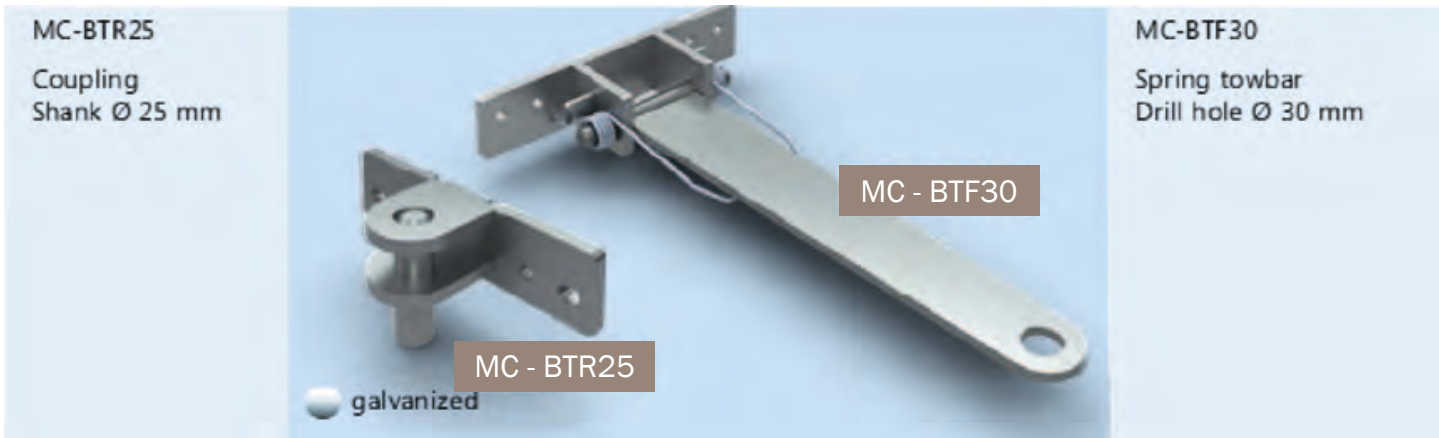
SQUARE PIPE BASE



Surface Treatment - WZ

33 is able to be fixed to the joint.
The Part No. of 33 is GP-A33, GP- B33





ACCESSORIES



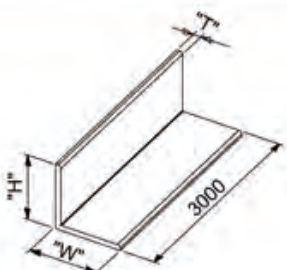
- PLASTIC COLORS
- Ivoire
 - Gray
 - Green
 - Black (ESD)
 - Dark gray

MENU

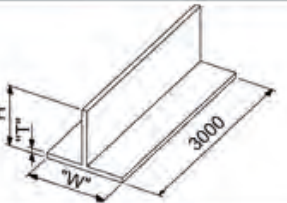
Plastic accessories			
Accessories	76	Caps	
Separators / Clamps	77	pipe caps	89 - 91
		safety caps	91
		roller track caps	92
Aluminium accessories	78 - 84	Inserts	93 - 94
Tiles holder		Legs	95 - 96
Metal holder	85	Screws	97
Plastic & Struts	86	Security	98
Identification	87 - 88	Others	99 - 107

Unit : mm

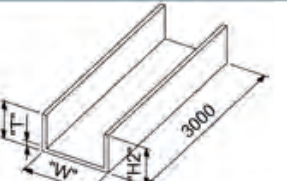
L-Type

Part No		Thickness	H	W	Configuration
Normal	ESD				
AL-1	EAL-1	3	30	50	
AL-2	EAL-2	4	30	60	
AL-9	EAL-9	4	30	75	
AL-5B	EAL-5B	4	50	50	
AL-6B	EAL-6B	4	50	75	
AL-8	EAL-8	4	50	100	
AL-7B	EAL-7B	4	50	150	
AL-4	EAL-4	4	80	90	
AL-5	EAL-5	5	50	50	
AL-6	EAL-6	5	50	75	
AL-7	EAL-7	5	50	150	

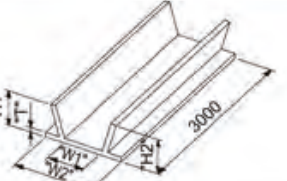
T-Type

Part No		Thickness	H	W	Configuration
Normal	ESD				
AT-1	EAT-1	4	50	100	
AT-2	EAT-2	4	100	60	
AT-3	EAT-3	4	150	60	

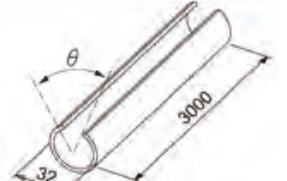
U-Type

Part No		Thickness	W1	W2	H1	H2	Configuration
Normal	ESD						
AU-1	EAU-1	3	36	-	36	36	
AU-2	EAU-2	3	60	-	30	40	

S-Type

Part No		Thickness	W1	W2	H1	H2	Configuration
Normal	ESD						
AS-1	EAS-1	4	32	70	34	25	
AS-2	EAS-2	5	22	60	30	30	
AS-3	EAS-3	4	17	50	30	30	

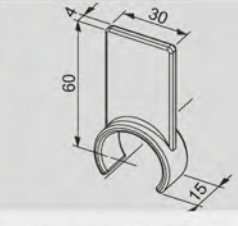
Pipe-Cover

Part No		Thickness	θ	-	-	-	Configuration
Normal	ESD						
PC-01	EPC-01	2.5	75°	-	-	-	
PC-02	EPC-02	2.5	135°	-	-	-	

Unit : mm

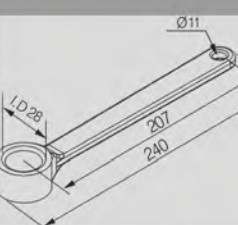
SEPARATEUR

GAP-19 Plastic Joint

- Weight : 0.009kg
- Q'ty/Box : 750pcs

GAP-39 Plastic Joint

- Weight : 0.047kg
- Q'ty/Box : 160pcs

GAP-61 Plastic Joint

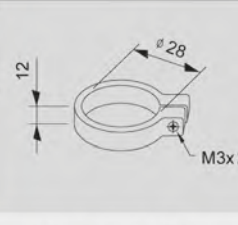



- Weight : 0.015kg
- Q'ty/Box : 500pcs

COLLIER

GAP-23 Plastic Joint

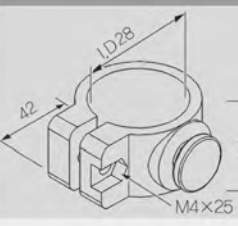
Include Bolt & Nut

- Weight : 0.020kg
- Q'ty/Box : 1500pcs

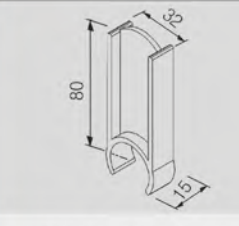
GAP-37A Plastic Joint

Sold separately Bolt & Nut

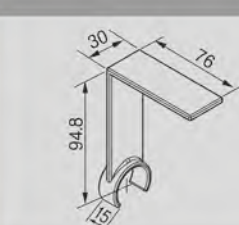
- Weight : 0.011kg
- Q'ty/Box : 600pcs

GAP-34 Plastic Joint

- Weight : 0.014kg
- Q'ty/Box : 500pcs

GAP-54 Plastic Joint

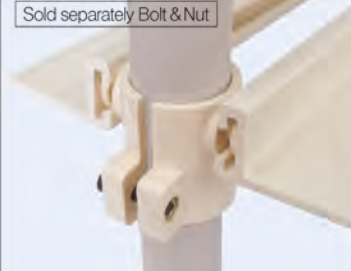
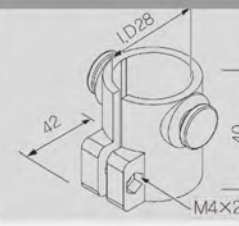



- Weight : 0.025kg
- Q'ty/Box : 150pcs



GAP-37B Plastic Joint

Sold separately Bolt & Nut

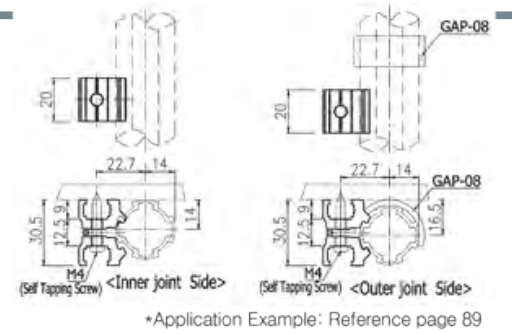
- Weight : 0.019kg
- Q'ty/Box : 300pcs

Unit : mm

ABS-620 Board Support



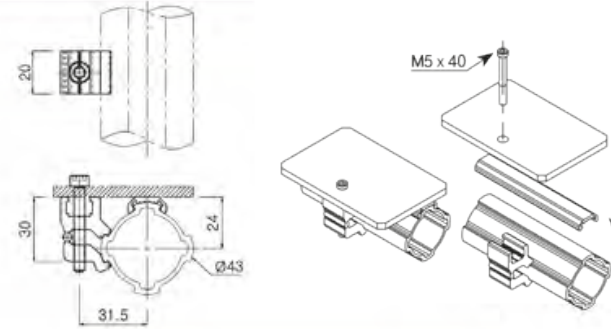
- Weight : 0.020kg
- Q'ty/Box : 300pcs
- ABS-600SA Standard Length: 4MT



ABS-4320A Board Support



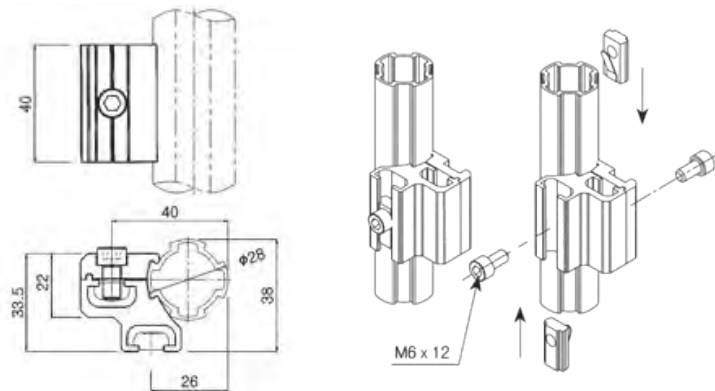
- Weight : 0.020kg
- Q'ty/Box : 250EA
- ABS-4320A : 1pcs, APC-01 : 1pcs
- M0540 : 1pcs



ACH-6040A AL Component Holder



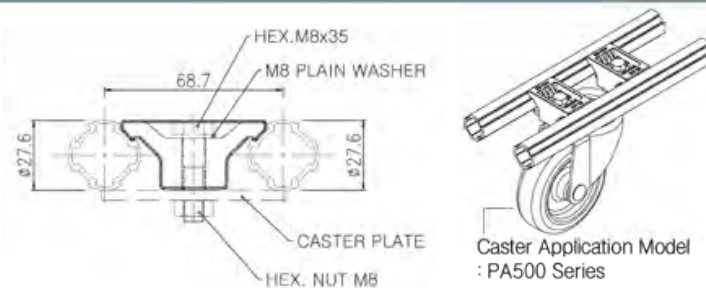
- Weight : 0.017kg
- Q'ty/Box : 400EA
- ACH-6040A-L
- Weight : 0.033kg
- Q'ty/Box : 150EA
- ACH-6040A-R
- ACH-6040A-R : 1pcs, ACH-6040A-L : 1pcs
- M0612 : 1pcs, SN406 : 1pcs



ACM-500 AL Caster Mount



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

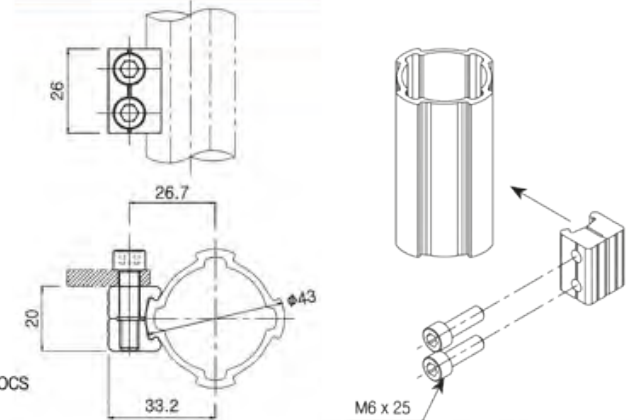


Unit : mm

ACP-H6026A Aluminum Connector Piece



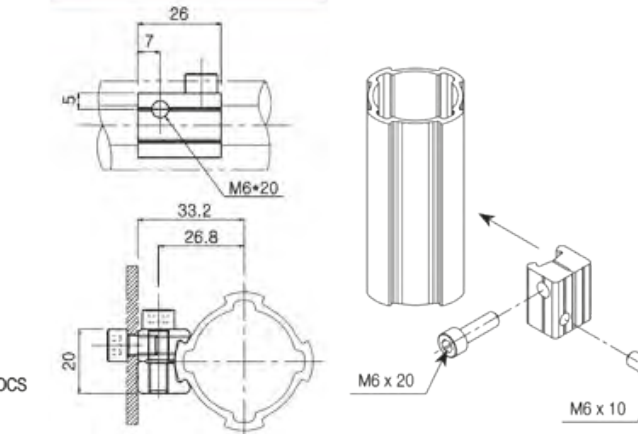
- Weight : 0.007kg
- Q'ty/Box : 800EA
- ACP-H6026A-R : 1pcs, ACP-H6026A-L : 1pcs
- M0625 : 2pcs



ACP-V6026A Aluminum Connector Piece



- Weight : 0.007kg
- Q'ty/Box : 800EA
- ACP-V6026A-R : 1pcs, ACP-V6026A-L : 1pcs
- M0620 : 1pcs, M0610 : 1pcs

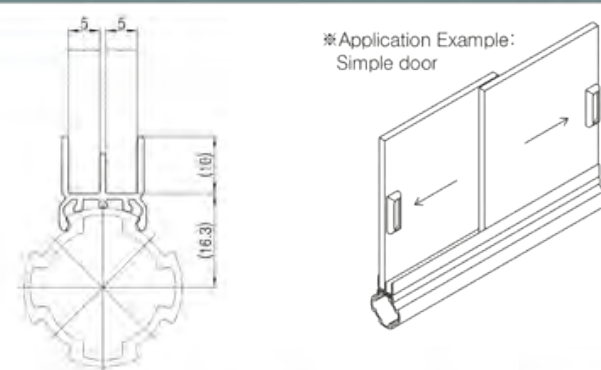


Unit : mm

ADR-05-SA Door Rail



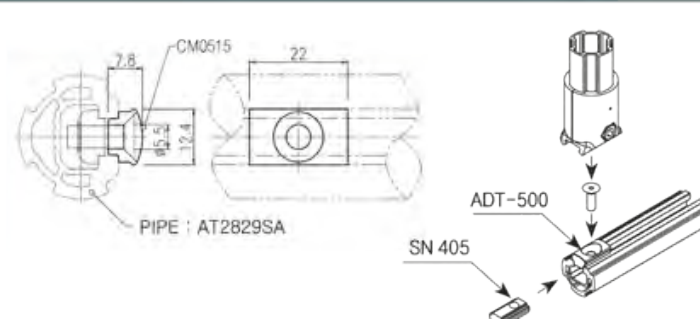
- Weight : 0.166kg/m
- Q'ty/Bundle : 20ea
- Standard Length: 4MT



ADT-500 Slot Adapter



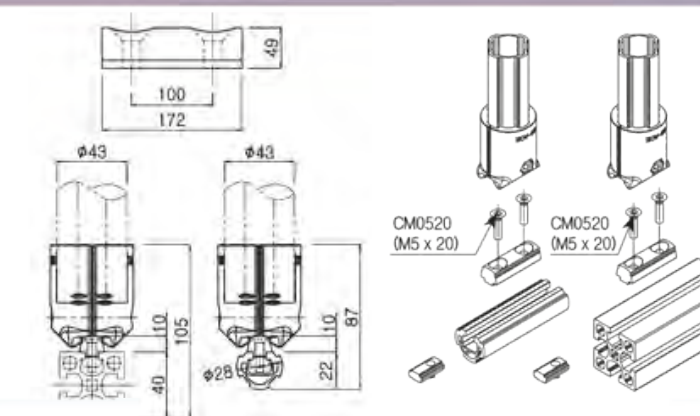
- Weight : 0.004kg
- Q'ty/Box : 1000pcs



ADT-5043A Slot Adapter



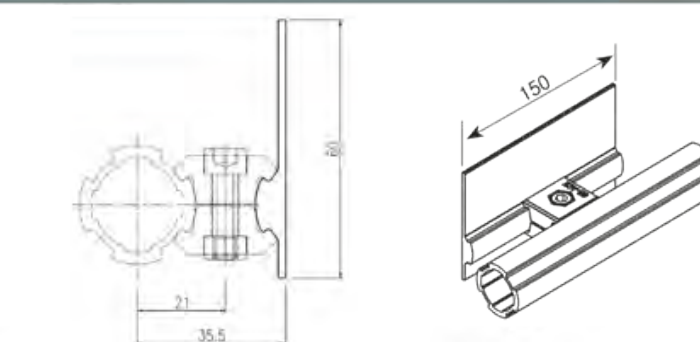
- Weight : 0.014kg
- Q'ty/Box : 600EA
- ADT-5043A : 1pcs
- CM0520 : 1pcs, SN405 : 1pcs



ANP-01-150 AL Name Plate



- Weight : 0.075kg
- Q'ty/Box : 150pcs
- Standard Length: 4MT : ANP-01SA

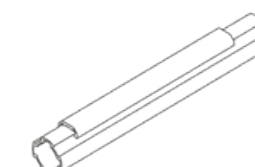
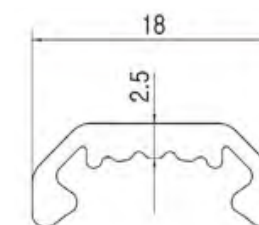


Unit : mm

APC-01 Pipe Cover



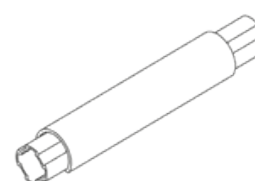
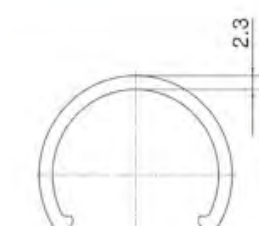
- Weight : 0.050kg
- Q'ty/Bundle : 50ea
- Standard Length: 3MT



APC-03 Pipe Cover



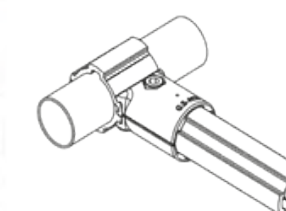
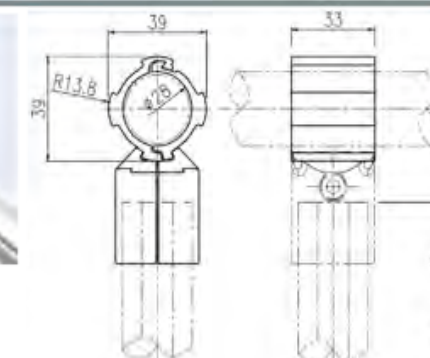
- Weight : 0.151kg
- Q'ty/Bundle : 20ea
- Standard Length: 3MT



APH-633L, APH-633R Round Pipe Connect Joint



- Weight : 0.021kg/0.018kg
- Q'ty/Box : 200pcs
- APH-633L
- APH-633R

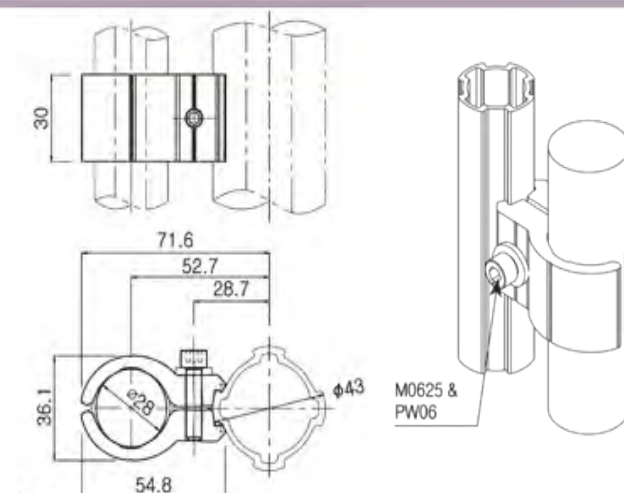


※ Round Pipe (included Coated Pipe & Stainless Pipe)
Adaptor Joint between Round Pipe and Standard Aluminum Pipe (Profiled)

APH-3030A Round Pipe Connected Joint



- Weight : 0.031kg
- Q'ty/Box : 200EA
- APH-3030A-R : 1pcs, APH-3030A-L : 1pcs
- M0625 : 1pcs, PW06 : 1pcs



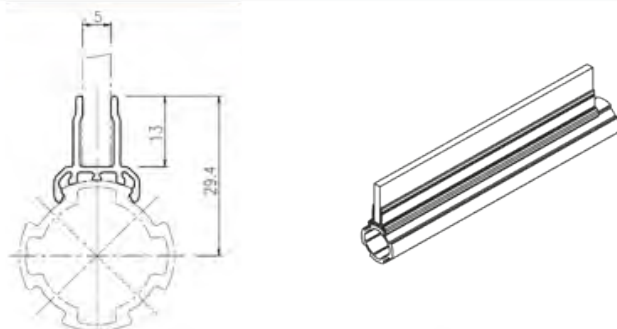
Unit : mm

Unit : mm

ASG-05SA AL Sheet Guide



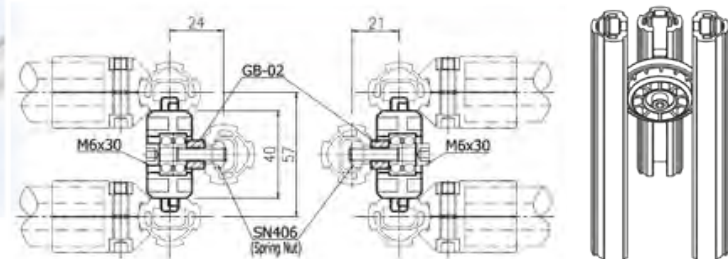
- Weight : 0.172kg/m
- Q'ty/Bundle : 30ea
- Standard Length: 4MT



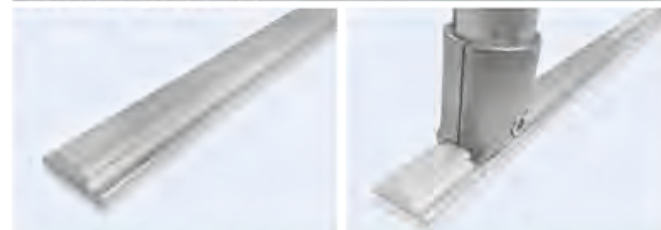
ASR-52 Slot Roller



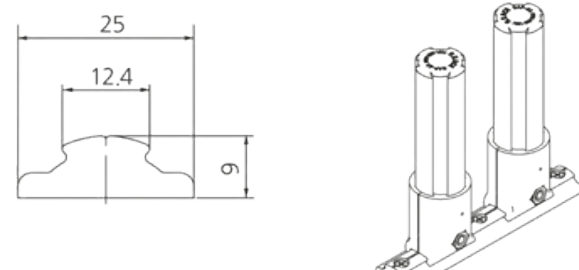
- Weight : 0.034kg
- Q'ty/Box : 450pcs
- ASR-52: 1pcs, GB-02: 1pcs
- M6x30: 1pcs, SN406: 1pcs



AWM-2500A SA AL Wall Mount



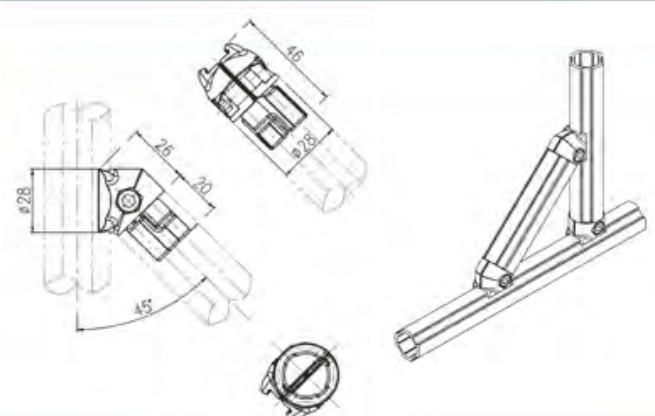
- Weight : 0.408kg/m
- Q'ty/Bundle : 10ea
- Standard Length: 4MT



B-013L, B-013R 45° Joint



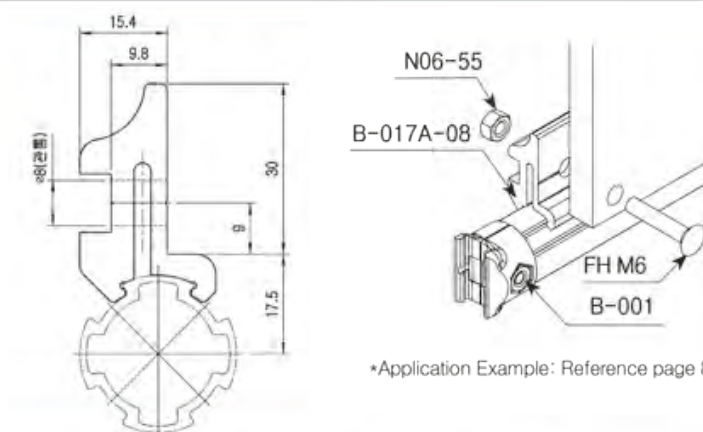
- Weight : 0.018kg
- Q'ty/Box : 300pcs
- B-013L: 1pcs, B-013R: 1pcs
- M0620/N06-55: 1set
- Weight : 0.043kg
- Q'ty/Box : 150set



B-017A-08 Panel Joint



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



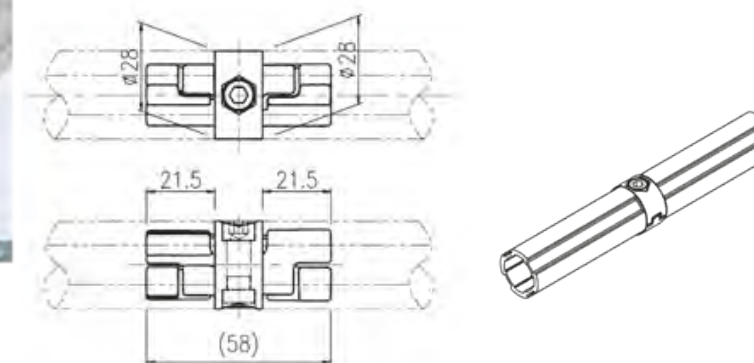
• Application Example: Reference page 89

B-044 Straight Connector Joint

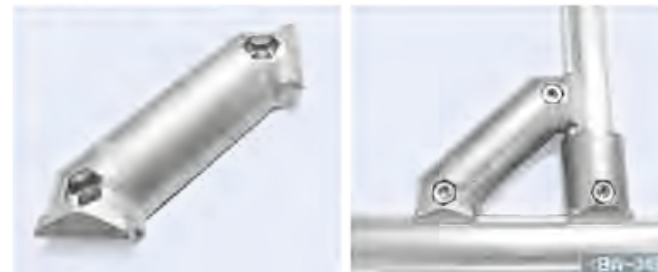


- Weight : 0.026kg
- Q'ty/Box : 200pcs

- B-044: 2pcs
- M0620/N06-55: 1set
- Weight : 0.058kg
- Q'ty/Box : 100set

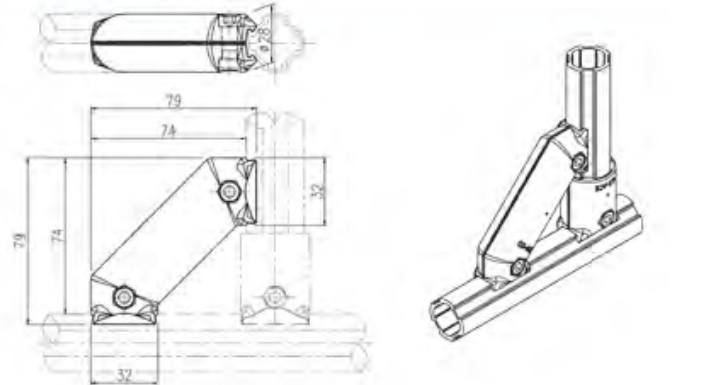


B-045 Corner Joint



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

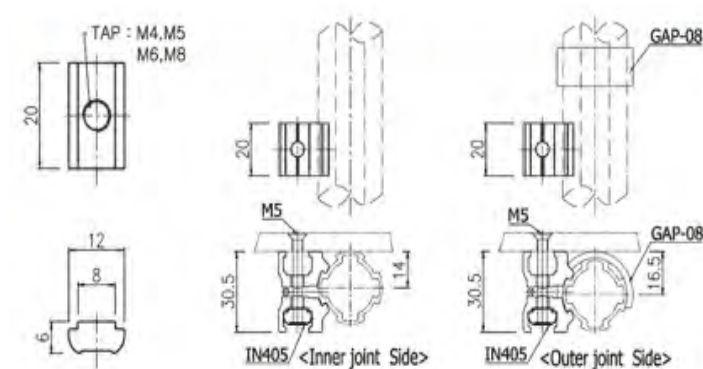
- B-045: 2pcs
- M0620/N06-55: 2set
- Weight : 0.114kg
- Q'ty/Box : 50set



IN404/405/406/408 Insert Nut

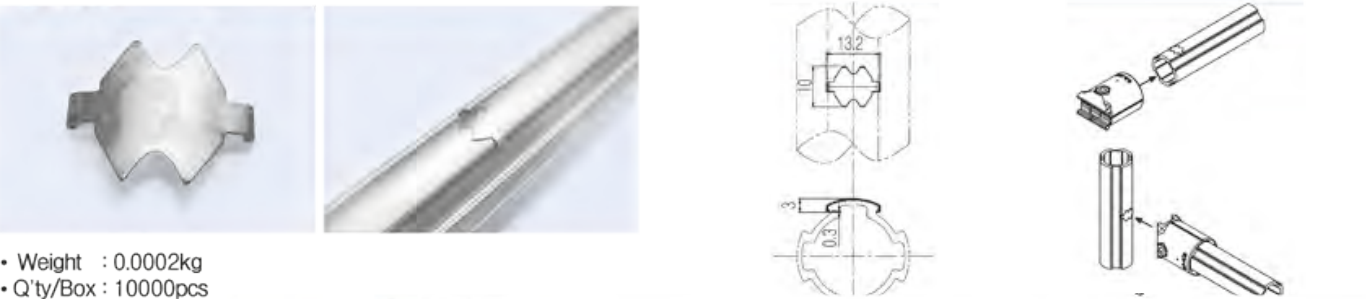


- Weight : 0.008kg
- Q'ty/Box : 1000pcs



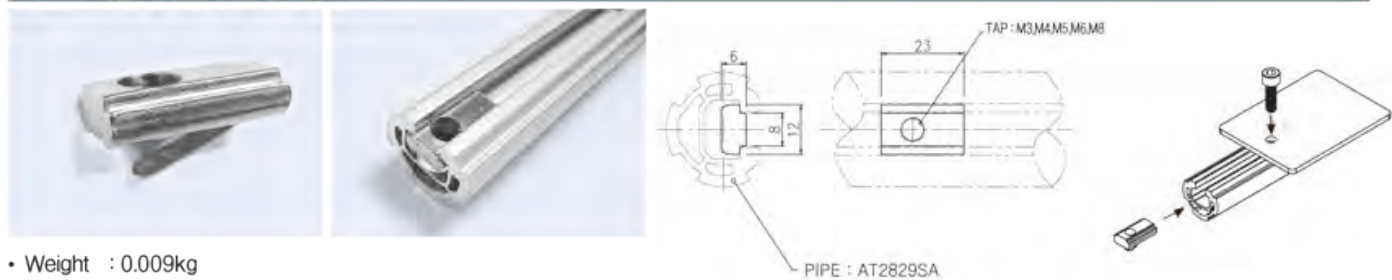
Unit : mm

LP2600 ELF Plate



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

SN403/404/405/406/408 Spring Nut

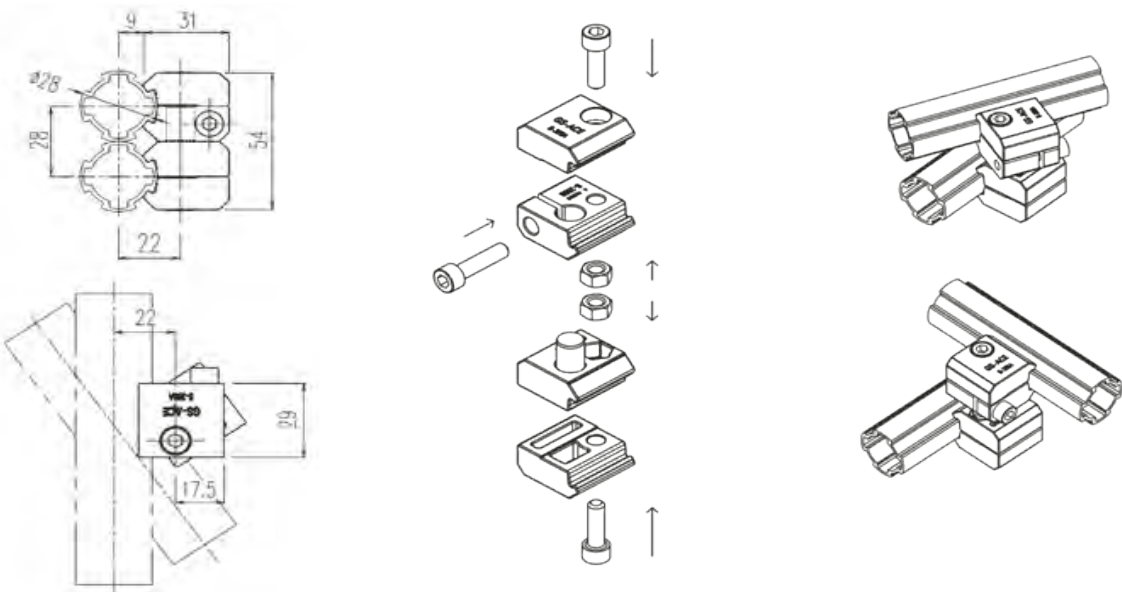


- Weight : 0.009kg
- Q'ty/Box : 1000pcs

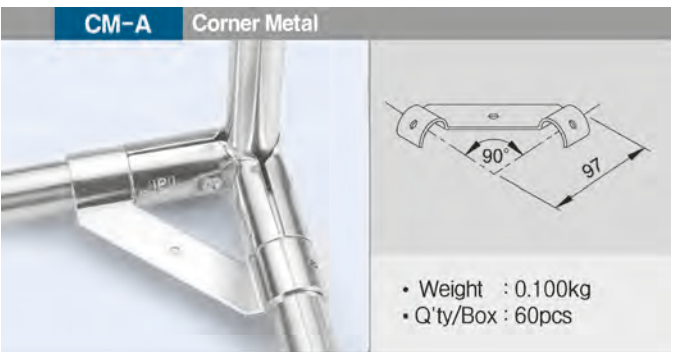
BA-206 Crossover Joint (Angle Adjustable)



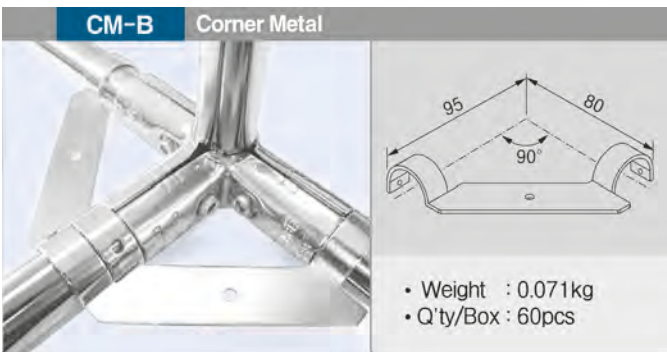
- Weight : 0.117kg
- Q'ty/Box : 60set
- Weight : 0.020kg
- Q'ty/Box : 300pcs
- Weight : 0.020kg
- Q'ty/Box : 300pcs
- Weight : 0.035kg
- Q'ty/Box : 200pcs
- Weight : 0.020kg
- Q'ty/Box : 300pcs



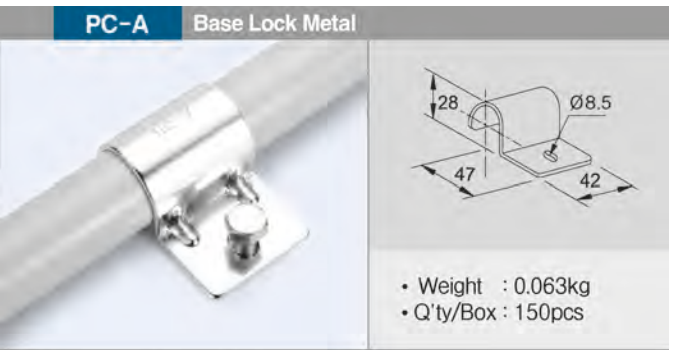
METAL HOLDER



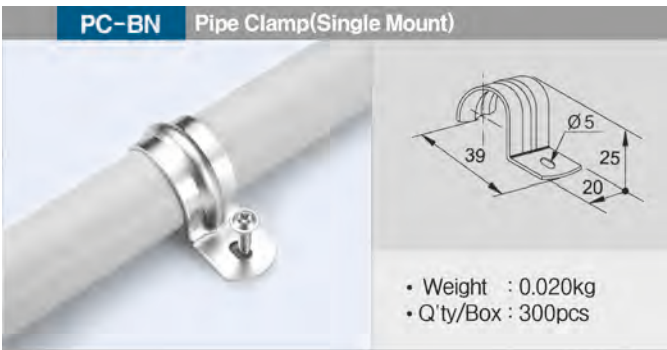
- Weight : 0.100kg
- Q'ty/Box : 60pcs



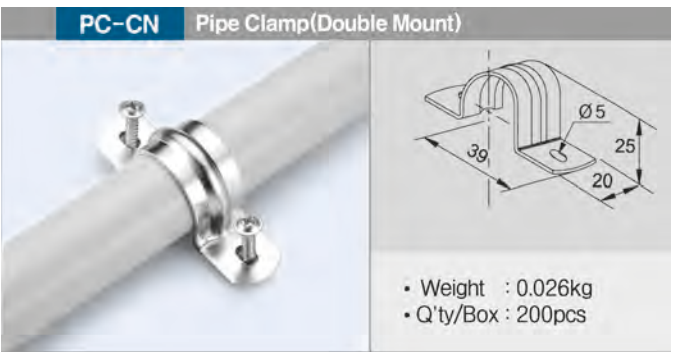
- Weight : 0.071kg
- Q'ty/Box : 60pcs



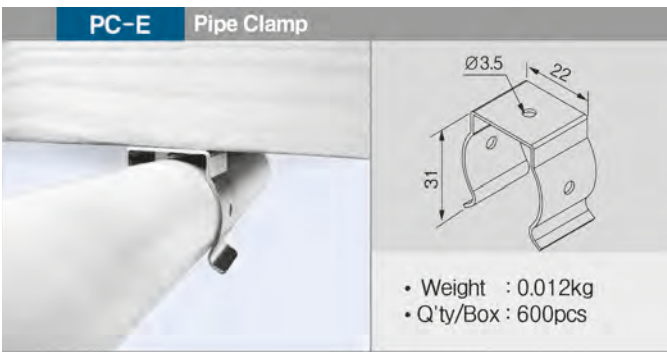
- Weight : 0.063kg
- Q'ty/Box : 150pcs



- Weight : 0.020kg
- Q'ty/Box : 300pcs



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

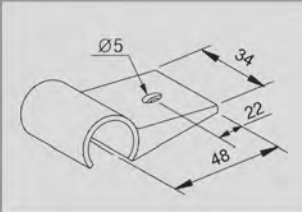


- Weight : 0.012kg
- Q'ty/Box : 600pcs



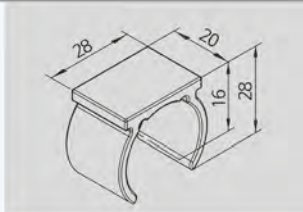
PLASTIC HOLDER Unit : mm

GAP-7 Plastic Joint



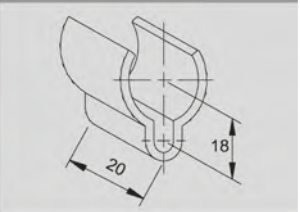
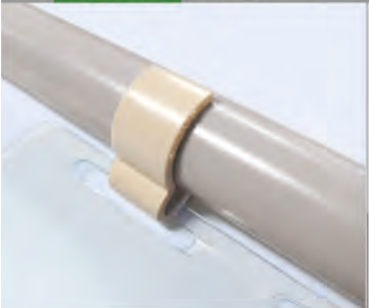
- Weight : 0.011kg
- Q'ty/Box : 450pcs

GAP-8FN Horizontal Holder



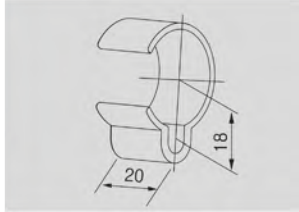
- Weight : 0.005kg
- Q'ty/Box : 1200pcs

GAP-6 Label Holder



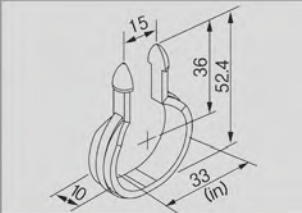
- Weight : 0.005kg
- Q'ty/Box : 1200pcs

GAP-6B Label Holder



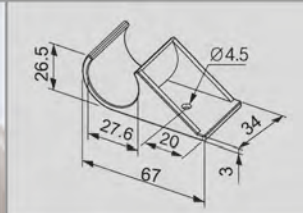
- Weight : 0.005kg
- Q'ty/Box : 1200pcs

GAP-15 Sheet Holder



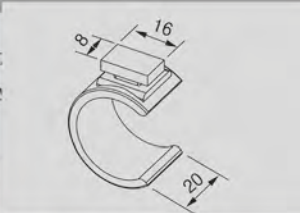
- Weight : 0.003kg
- Q'ty/Box : 1500pcs

GAP-17 Plastic Joint



- Weight : 0.014kg
- Q'ty/Box : 400pcs

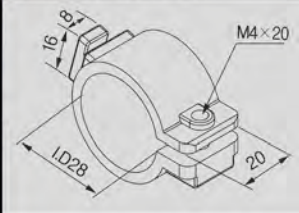
GAP-20 Name Plate Holder



- Weight : 0.006kg
- Q'ty/Box : 1200pcs

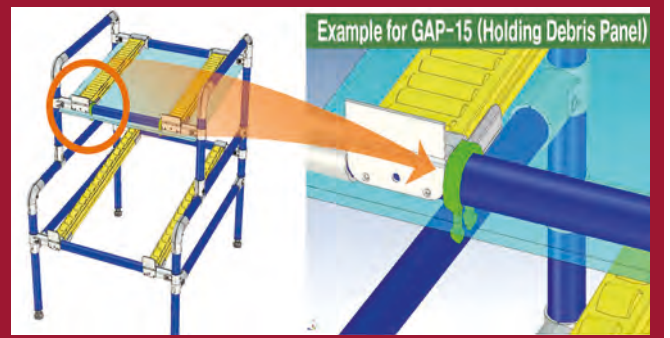
GAP-55 Name Plate Holder (Assembled NP-B)

*firmly secured by M4 screw and nut

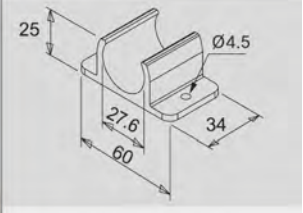


- Weight : 0.009kg
- Q'ty/Box : 750pcs

Sold separately Bolt & Nut



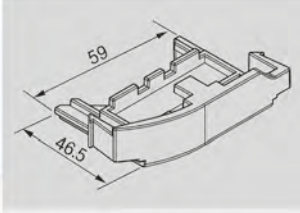
GAP-46 Plastic Joint



- Weight : 0.013kg
- Q'ty/Box : 450pcs

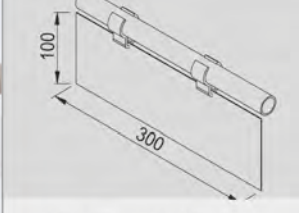
GAP-65 Corner Support Cap

Patent Pending



- Weight : 0.015kg
- Q'ty/Box : 400pcs

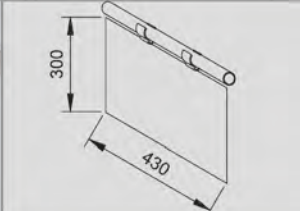
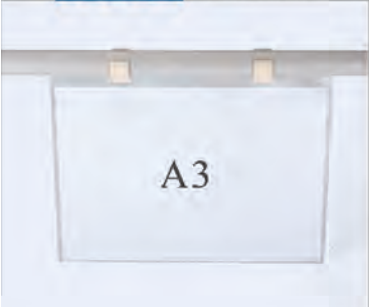
LA Label Case



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

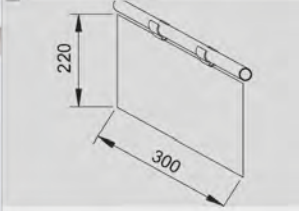


LA-A3 Label Case



- Weight : 0.170kg
- Q'ty/Box : 200pcs

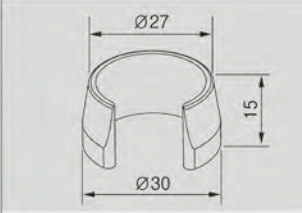
LA-C Label Case



- Weight : 0.050kg
- Q'ty/Box : 200pcs

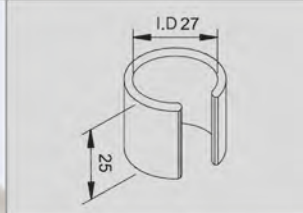
STRUT

GAP-11 Taper Edge



- Weight : 0.002kg
- Q'ty/Box : 2500pcs

GAP-8 Horizontal Holder

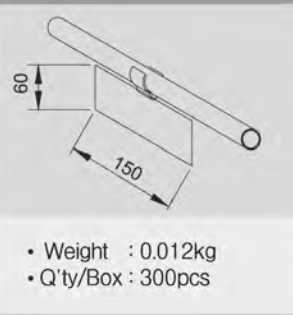
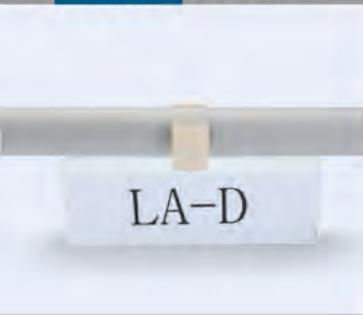


- Weight : 0.005kg
- Q'ty/Box : 1200pcs



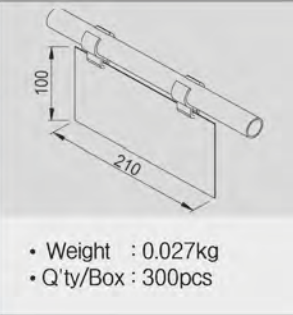
Unit : mm

LA-D Label Case



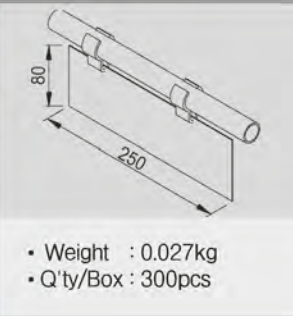
- Weight : 0.012kg
- Q'ty/Box : 300pcs

LA-E Label Case



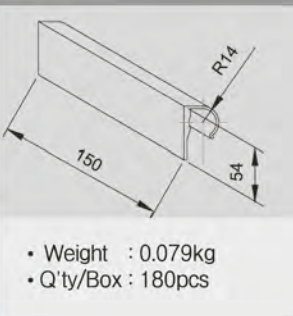
- Weight : 0.027kg
- Q'ty/Box : 300pcs

LC Label Case



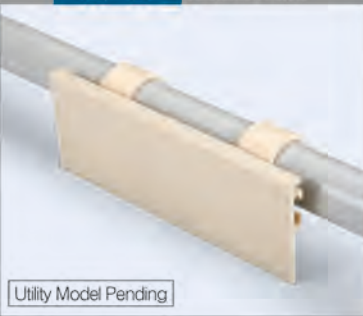
- Weight : 0.027kg
- Q'ty/Box : 300pcs

NP-A Name Plate



- Weight : 0.079kg
- Q'ty/Box : 180pcs

NP-B Name Plate



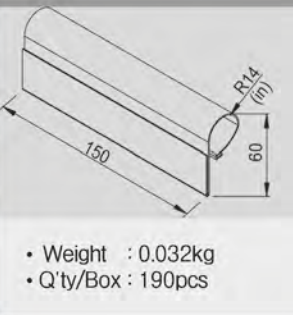
- Weight : 0.047kg
- Q'ty/Box : 360pcs

NP-C Name Plate



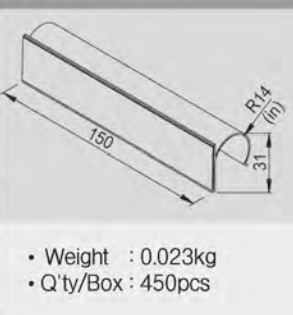
- Weight : 0.035kg
- Q'ty/Box : 190pcs

NP-D Name Plate



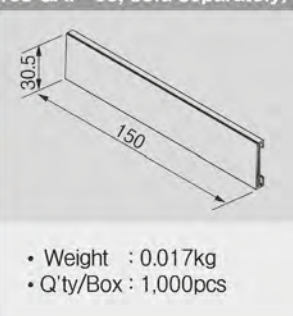
- Weight : 0.032kg
- Q'ty/Box : 190pcs

NP-E Name Plate



- Weight : 0.023kg
- Q'ty/Box : 450pcs

NP-F Name Plate (Requires GAP-58, sold separately)



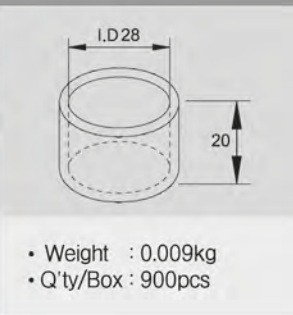
- Weight : 0.017kg
- Q'ty/Box : 1,000pcs

NP-R Name Plate



- Weight : 0.011kg
- Q'ty/Box : 1,000pcs

GAP-3 Outer Cap



- Weight : 0.009kg
- Q'ty/Box : 900pcs

GAP-4P Inner Cap



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

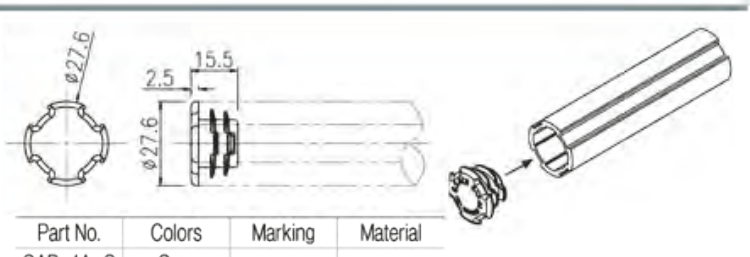
GAP-4R Rubber Cap



- Weight : 0.009kg
- Q'ty/Box : 900pcs



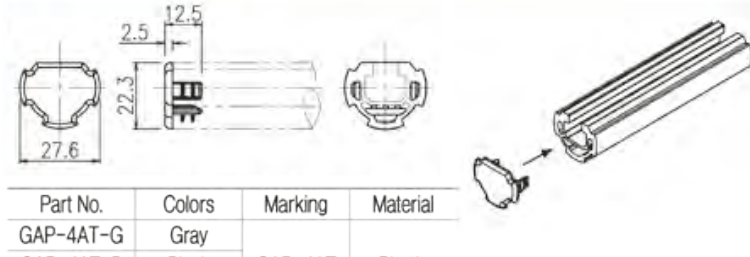
GAP-4A Inner Cap



Part No.	Colors	Marking	Material
GAP-4A-G	Gray	GAP-4A	Plastic
GAP-4A-B	Black		
GAP-4A-i	Ivory		

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

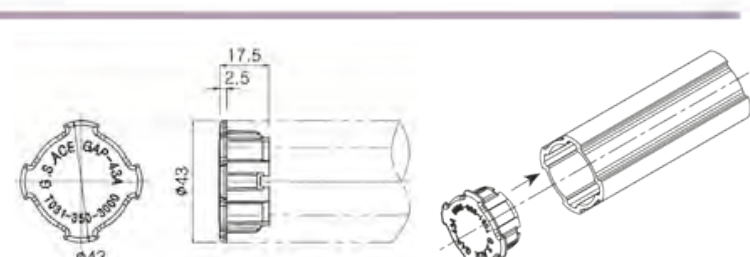
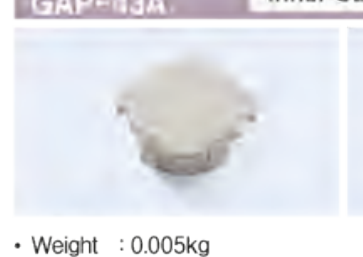
GAP-4AT T Slot Inner Cap



Part No.	Colors	Marking	Material
GAP-4AT-G	Gray	GAP-4AT	Plastic
GAP-4AT-B	Black		
GAP-4AT-i	Ivory		

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

GAP-13A Inner Cap



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

Unit : mm

GAP-9C Grip Bushing(Coating Pipe: $\varnothing 28 \times T1.0$)



$\varnothing 29$
 $\varnothing 12$
55
 $\varnothing 23$

- Weight : 0.016kg
- Q'ty/Box : 450pcs

GAP-9S Grip Bushing(STS Pipe: $\varnothing 28 \times T0.7$)



$\varnothing 29$
 $\varnothing 12$
55
 $\varnothing 25.8$

- Weight : 0.016kg
- Q'ty/Box : 450pcs

RF-01 Rubber Foot



$\varnothing 25$
47
41
10

- Weight : 0.035kg
- Q'ty/Box : 250pcs

RF-01E ESD (Black)

RF-02 Rubber Foot



$\varnothing 27.5$
30
34
35

- Weight : 0.011kg
- Q'ty/Box : 450pcs

GAP-52A Roller Conveyor Cap (With Bearing)



$\varnothing 32$
155
 $\varnothing 27.6$
12

- Weight : 0.013kg
- Q'ty/Box : 1500pcs

GAP-50 Roller Conveyor Cap (Without Bearing)



$\varnothing 32$
165
 $\varnothing 27.6$
13

- Weight : 0.008kg
- Q'ty/Box : 1200pcs

GAM-07S METAL CAP



$\varnothing 27.6$
13

- Weight : 0.037kg
- Q'ty/Box : 500pcs

Part No	Pipe	Diameter	Remark
GAM-07S	STS Pipe	$\varnothing 28 \times t0.7$	WZ

GAS-07S STEEL CAP



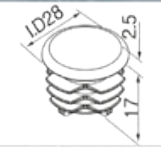
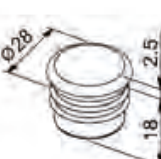
$\varnothing 28$
12
 $\varnothing 26$

- Weight : 0.009kg
- Q'ty/BOX : 600pcs

Part No	Pipe	Diameter	Remark
GAS-07A	Coated Pipe	$\varnothing 28 \times t 0.7$	WZ
GAS-10A		$\varnothing 28 \times t 1.0$	WZ
GAS-07S	STS/Eco Pipe	$\varnothing 28 \times t 0.7$	WZ
GAS-12S		$\varnothing 28 \times t 1.2$	WZ

Unit : mm

INNER CAP

Classification		Part No	Colors	Marking	Material	Dimension	
Ø28	All Thickness Pipe (Coated Pipe & STS Pipe)	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 ECO 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				

SAFETY CAP

ASC-V30 Vertical Safety Cap



$\varnothing 16$
31
 $\varnothing 6$

- Weight : 0.001kg
- Q'ty/Box : 6000kg

ASC-H42R Horizontal Safety Cap



42
8

- Weight : 0.001kg
- Q'ty/Box : 4000pcs

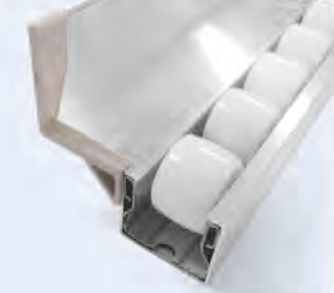
ASC-H42L Horizontal Safety Cap



8
42

- Weight : 0.002kg
- Q'ty/Box : 4000pcs

ASC-V45 Vertical Safety Cap

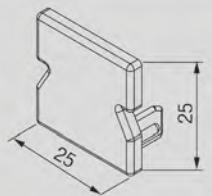


$\varnothing 16$
45
 $\varnothing 6$

- Weight : 0.002kg
- Q'ty/Box : 4000pcs

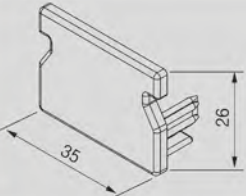
Unit : mm

PRC-25A Recycle Roller Cap



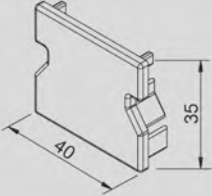
- Weight : 0.002kg
- Q'ty/Box : 1500pcs

PRC-35 Roller Track Cap



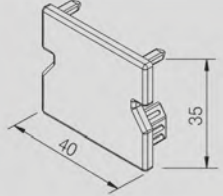
- Weight : 0.004kg
- Q'ty/Box : 1000pcs

PRC-40 Roller Track Cap



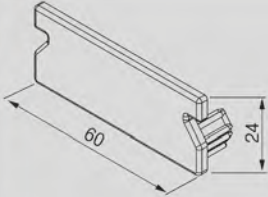
- Weight : 0.005kg
- Q'ty/Box : 1000pcs

PRC-40A Recycle Roller Cap



- Weight : 0.005kg
- Q'ty/Box : 1000pcs

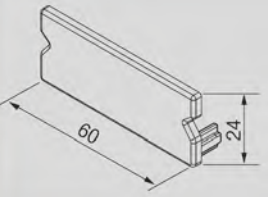
PRC-60 Roller Track Cap



- Weight : 0.006kg
- Q'ty/Box : 600pcs

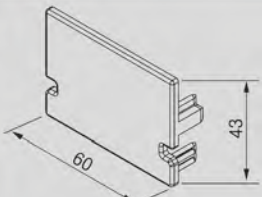


PRC-60B Recycle Roller Cap



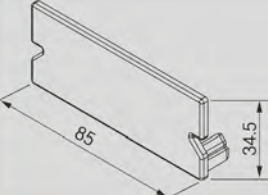
- Weight : 0.007kg
- Q'ty/Box : 600pcs

PRC-60A Recycle Roller Cap



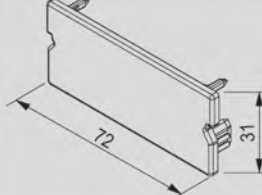
- Weight : 0.009kg
- Q'ty/Box : 600pcs

PRC-85A Recycle Roller Cap



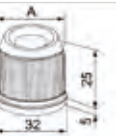
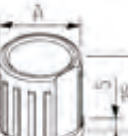
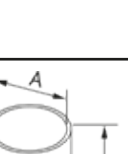
- Weight : 0.010kg
- Q'ty/Box : 400pcs

PRC-70A Recycle Roller Cap



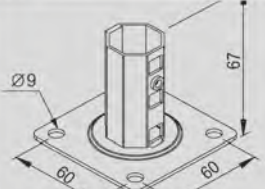
- Weight : 0.008kg
- Q'ty/Box : 600pcs

THREAD INSERTS

	Part No	Classification	Application	Colors	Threaded Spex	Matériel	A	Dimension
	BC2807D	Coated Pipe	Ø28 x t0.7	White	M10-P1.5	Steel	Ø24.1	
	BC2810A		Ø28 x t1.0	White	1/2" - P1.5	Steel	Ø23.5	
	BC2810B				M12 - P1.75			
	BC2810D				M10 - P1.5			
	BC2820A		Ø28 x t2.0	White	1/2" - 12N	Steel	Ø21.9	
	BC2820B				M12 - P1.75			
	BC2820D				M10 - P1.5			
	BS07A	STS Pipe	Ø28 x t0.7	White	1/2" - 12N	Steel	Ø26.8	
	BS07B				M12 - P1.75		Ø26.3	
	BS07D				M10 - P1.5			
	BS12A		Ø28 x t1.2	White	1/2" - 12N	Steel	Ø25.5	
	BS12B				M12 - P1.75		Ø25.3	
	BS12D				M10 - P1.5			
BC3210A	Coated Pipe	Ø32 x t1.0	White	1/2" - 12N	Steel	Ø27.5		
BC3210B				M12 - P1.75				
	AS2807A	STS Pipe	Ø28 x t0.7	Gray	M12 - P1.75	Alumi-nium	Ø26.5	
	AS2801B				1/2" - 12N			
	AC2809A	Coated Pipe	Ø28 x t1.0		M12 - P1.75		Ø23.8	
	AC2809B				1/2" - 12N			
	OB28AN	All Pipe	Ø28	White	1/2" - 12N	Steel	Ø27.7	
	OB28BN				M12 - P1.75			

Unit : mm

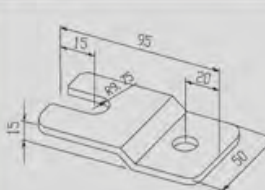
AD-SM Stanchion Mount Single



- Weight : 0.198kg
- Q'ty/Box : 20pcs

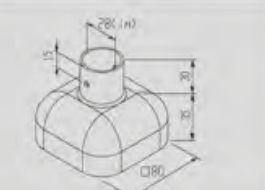


AP-50 Anchor Plate

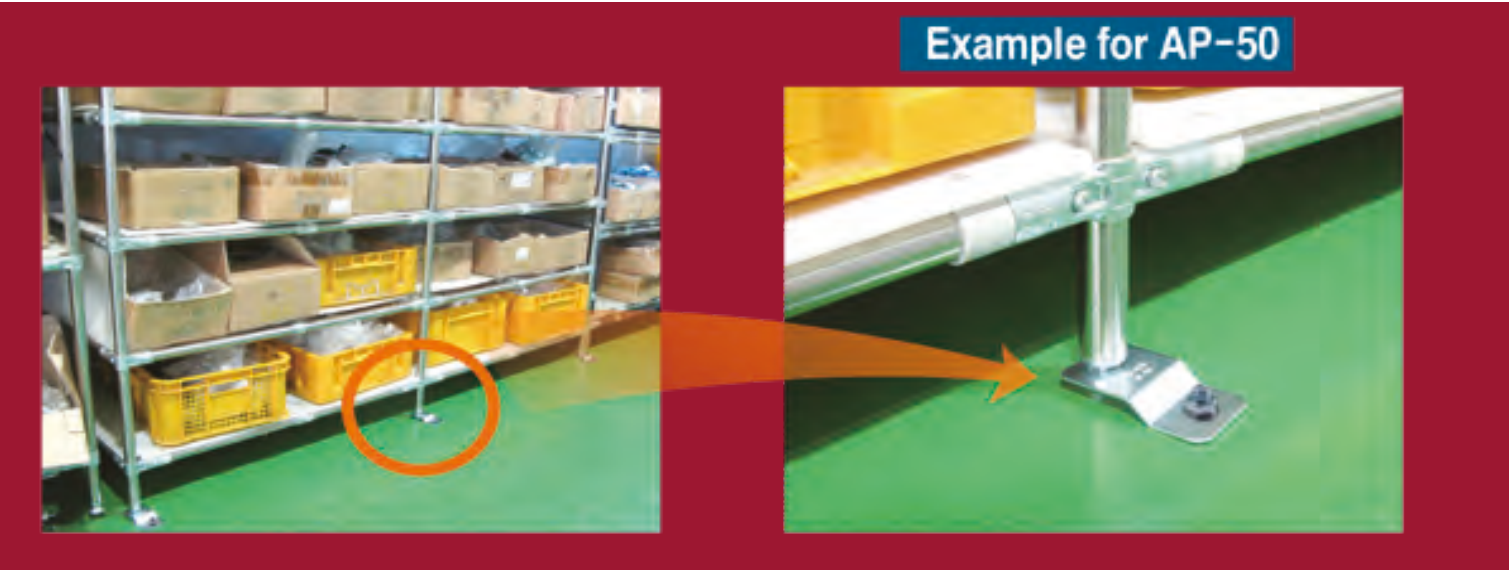


- Weight : 0.052kg
- Q'ty/Box : 220pcs

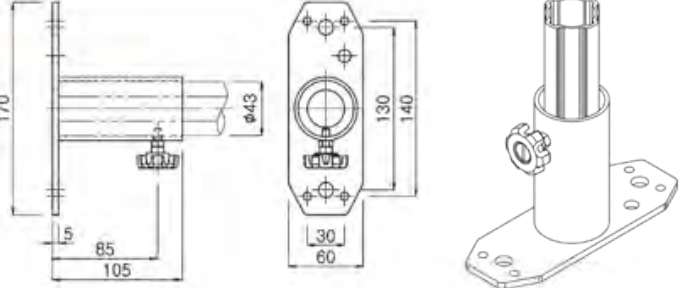
HC28A Hole Cup-A



- Weight : 0.300kg
- Q'ty/Box : 20pcs



AD-SM43A Stanchion Mount Single



- Weight : 0.680kg
- Q'ty/Box : 50EA
- AD-SM43A : 1pcs,
- HM0615 : 1pcs

Fastener Type	Part No	Item	Spec	Colors	Usage
	TN06W	T-Nut	M6	White	Metal Joint
	TN06B		M6	Black	
	SW10W	Spring Washer	M10	White	M10Bolt
	SW13W		M12		M12Bolt
	PW05W	Flat Washer	M5	White	M5Bolt
	PW10W		M10		M10Bolt

	NN06W	Nylon Nut	M6	White	M6Bolt
	NN08W		M8		M8Bolt
	NN10W		M10		M10Bolt
	NN12W		M12		M12Bolt

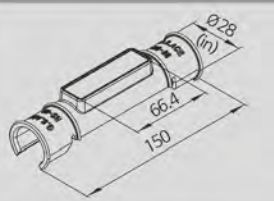
	N06W	Nut	M6	White	M6 Bolt
	N08W		M8		M8 Bolt
	Ni05W-12	inch Nut	1/2"-12N		inchBolt

	M0610W	M6x10	P 1.0	White	Metal Joint
	M0610B		P 1.0	Black	
	M0625W	M6x25	P 1.0	White	Metal Joint
	M0625B		P 1.0	Black	
	M0630W	M6x30	P 1.0	White	
	M0630B		P 1.0	Black	
	M0830W	M8x30	P1.25	White	AL Joint
	M0840W	M8x40	P1.25		
	M1020W	M10Bolt	L20	White	Caster
	M1225W	M12Bolt	L25		
	GM835W	M8Bolt	L35xP1.25	White	Caster
	GM840W	M8Bolt	L40xP1.25		Base Lock Metal
	GM845W		L45xP1.25		
	GM850W		L50xP1.25		
	GM860W		L60xP1.25		
	GM870W		L70xP1.25		
	HM0620	KNOB Bolt	P1.0	Black	Metal Joint

Other screws : contact AT Sourcing

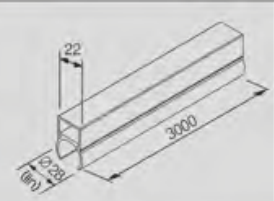
Unit : mm

RS - 2B Safety Reflector



- Weight : 0.030kg
- Q'ty/Box : 150pcs

CD - 28C/D Cable Duct



- CD-28C Weight : 0.026kg/m
- CD-28D Weight : 0.022kg/m

MJC - G1



Matériel : PP

Unit : EA

MJC - G1 ASS'Y



Weight : 12,5 g

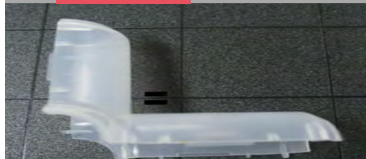
Size (mm) : 465 x 260 x 260 (H)

Q'ty / Box : 150 EA

Gross weight : 2 kg

MJC - G1 ASS'Y
Requires MJC-G1 2 EA

MJC - G2



Matériel : PP

Unit : EA

MJC - G4 ASS'Y



Weight : 12,4 g

Size (mm) : 465 x 260 x 260 (H)

Q'ty / Box : 100 EA

Gross weight : 1,6 kg

MJC - G2 ASS'Y
Requires MJC-G2 4 EA

MJC - G3



Matériel : PP

Unit : EA

MJC - G3 ASS'Y



Weight : 20,1 g

Size (mm) : 465 x 260 x 260 (H)

Q'ty / Box : 100 EA

Gross weight : 2,5kg

MJC - G3 ASS'Y
Requires MJC-G2 + MJC-G1

MJC - G4



Matériel : PP

Unit : EA

MJC - G4 ASS'Y



Weight : 19 g

Size (mm) : 465 x 260 x 260 (H)

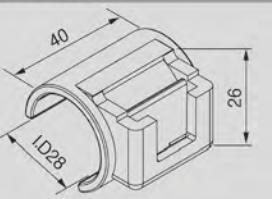
Q'ty / Box : 100 EA

Gross weight : 2,4kg

MJC - G4 ASS'Y
Requires MJC-G4 2 EA

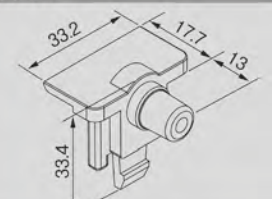
CONVOYER

GAP-48 Roller Conveyor Holder (Single)



- Weight : 0.013kg
- Q'ty/Box : 500pcs

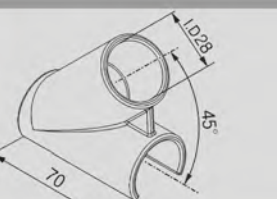
GAP-51 Roller Conveyor Support



- Weight : 0.007kg
- Q'ty/Box : 1200pcs

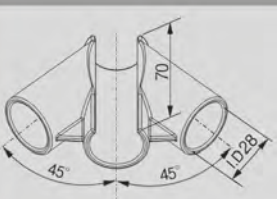
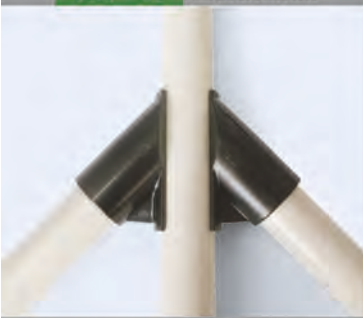
ACCESSORIES

GAP-41 Plastic Joint



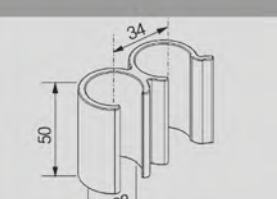
- Weight : 0.030kg
- Q'ty/Box : 150pcs

GAP-42 Plastic Joint



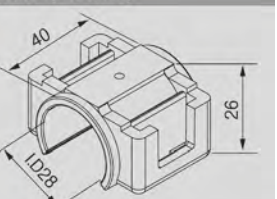
- Weight : 0.045kg
- Q'ty/Box : 75pcs

GAP-43 Plastic Joint



- Weight : 0.028kg
- Q'ty/Box : 150pcs

GAP-49 Roller Conveyor Holder (Double)



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

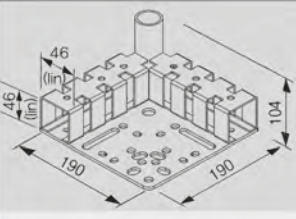
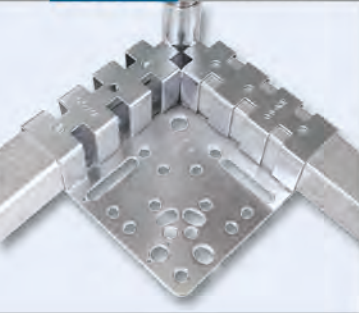


Unit : mm

Unit : mm

BC45-A

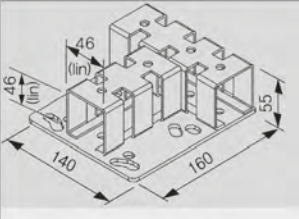
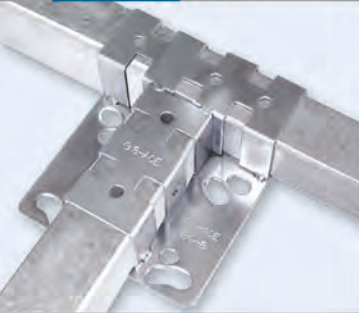
Base Corner



- Weight : 1.85kg
- Q'ty/Box : 8pcs

BC45-B

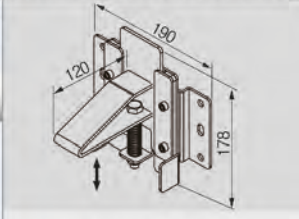
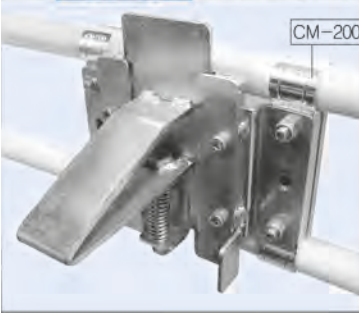
Base Center



- Weight : 1.17kg
- Q'ty/Box : 4pcs

BS-01

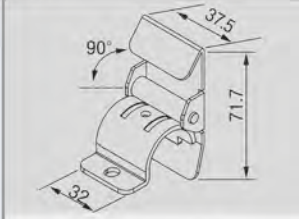
Box-Stopper (Requires CM-200 : sold separately)



- Weight : 1.78kg
- Q'ty/Box : 8pcs

BS-15

Back Stopper Bracket

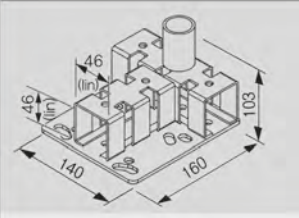


- Weight : 0.105kg
- Q'ty/Box : 60pcs



BC45-C

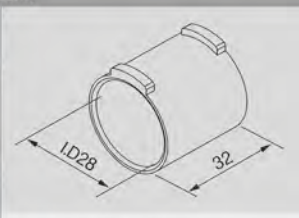
Base Center



- Weight : 1.28kg
- Q'ty/Box : 4pcs

BUSH-12

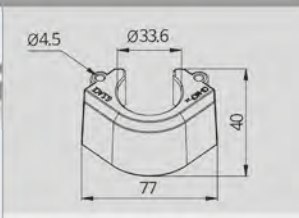
Sleeve Busing(Metal)



- Weight : 0.035kg
- Q'ty/Box : 180pcs

CB-MCP

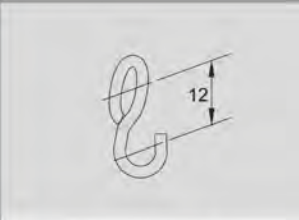
Corner Bumper



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

BH-B

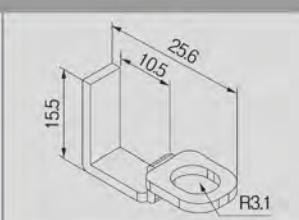
Band Hook



- Weight : 0.001kg
- Q'ty/Box : 2,000pcs

CP-32

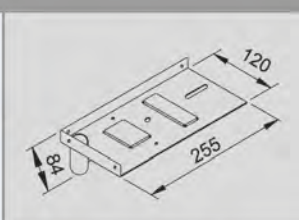
Cover Pulley



- Weight : 0.004kg
- Q'ty/Box : 3000pcs

CS28L

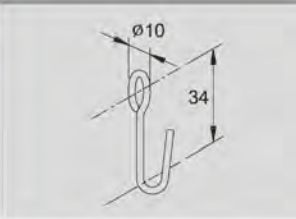
Corner Support



- Weight : 0.682kg
- Q'ty/Box : 24pcs

BH-A

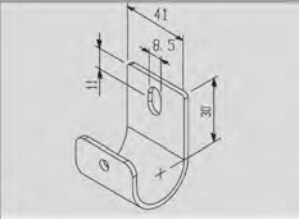
Band Hook



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

BL28YA-U

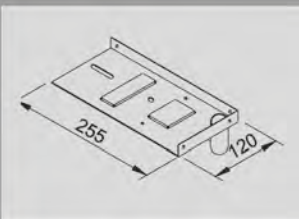
Pipe Holder



- Weight : 0.069kg
- Q'ty/Box : 150pcs

CS28R

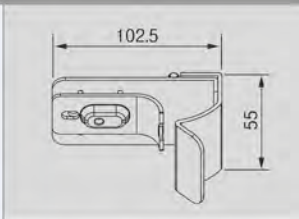
Corner Support



- Weight : 0.750kg
- Q'ty/Box : 24pcs

DL-15

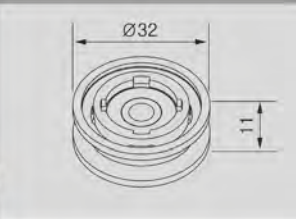
Door Latch



- Weight : 0.305kg
- Q'ty/Box : 40pcs

BRA-32

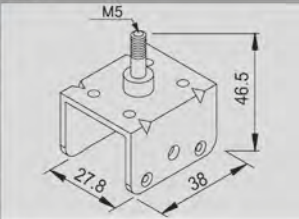
Bearing Pulley



- Weight : 0.012kg
- Q'ty/Box : 1,000pcs

BKT-40

Curve Roller Mounting



- Weight : 0.055kg
- Q'ty/Box : 200pcs



Unit : mm

ECH-28A End Cap Hanger



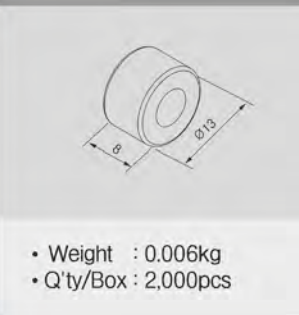
- Weight : 0.056kg
- Q'ty/Box : 45pcs

F-A Handle(Flat Type)



- Weight : 0.020kg
- Q'ty/Box : 500pcs

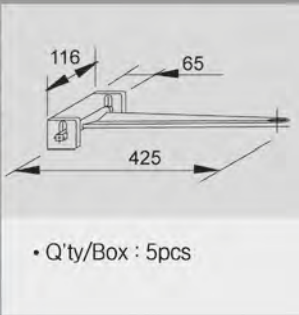
GB-02 Gap Bushing



- Weight : 0.006kg
- Q'ty/Box : 2,000pcs

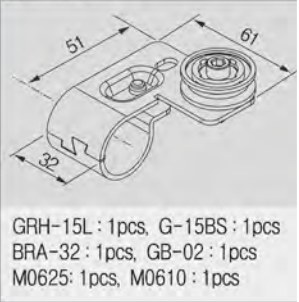


FH-A Front Haul Ring-A



- Q'ty/Box : 5pcs

GRH-15L Ass'y Bearing Pulley Ass'y Left



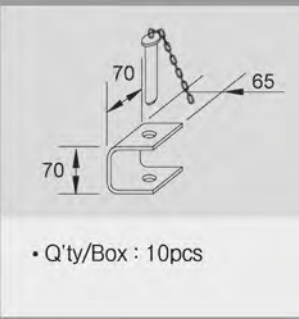
GRH-15L : 1pcs, G-15BS : 1pcs
BRA-32 : 1pcs, GB-02 : 1pcs
M0625 : 1pcs, M0610 : 1pcs

GRH-15L Pulley Holder BKT Left



- Weight : 0.055kg
- Q'ty/Box : 270pcs

FH-B Rear Haul Ring-B



- Q'ty/Box : 10pcs

GRH-15R Ass'y Bearing Pulley Ass'y Right



GRH-15R : 1pcs, G-15BS : 1pcs
BRA-32 : 1pcs, GB-02 : 1pcs
M0625 : 1pcs, M0610 : 1PCS

GRH-15R Pulley Holder BKT Right



- Weight : 0.055kg
- Q'ty/Box : 270pcs

FQ-B Front Haul Ass'y-Quicking Type



- Weight : 3.10kg
- Q'ty/Box : 4pcs

FS-A Front Haul Ass'y-Spring Type



- Weight : 3.40kg
- Q'ty/Box : 4pcs

GRV-15L Ass'y Bearing Pulley Ass'y Left

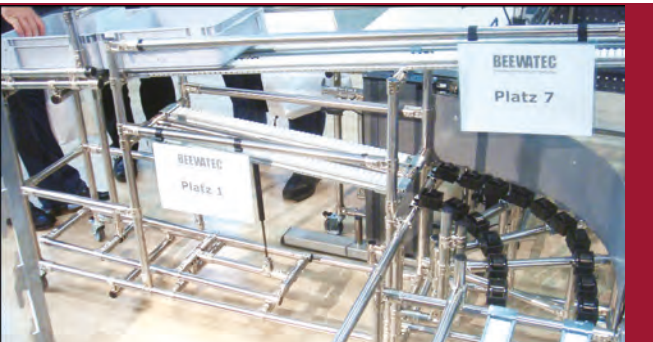


GRV-15L : 1pcs, G-15BS : 1pcs
BRA-32 : 1pcs, GB-02 : 1pcs
M0625 : 1pcs, M0610 : 1pcs

GRV-15L Pulley Holder BKT Left



- Weight : 0.055kg
- Q'ty/Box : 240pcs



GRV-15R Ass'y Bearing Pulley Ass'y Right



GRV-15R : 1pcs, G-15BS : 1pcs
BRA-32 : 1pcs, GB-02 : 1pcs
M0625 : 1pcs, M0610 : 1pcs

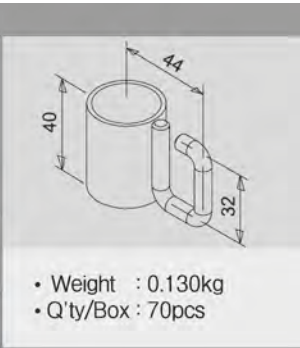
GRV-15R Pulley Holder BKT Right



- Weight : 0.055kg
- Q'ty/Box : 240pcs

Unit : mm

GS-1014A Sleeve Hanger



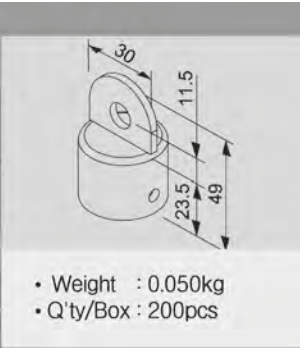
• Weight : 0.130kg
• Q'ty/Box : 70pcs

GS-1014B Sleeve Hanger



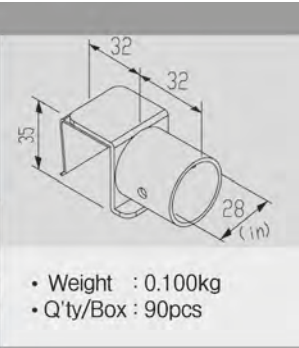
• Weight : 0.124kg
• Q'ty/Box : 70pcs

GS-1014C Sleeve Hanger



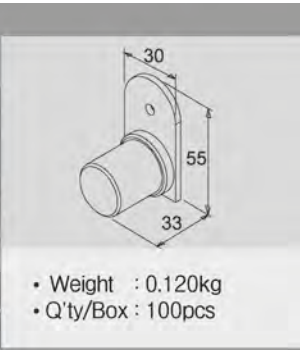
• Weight : 0.050kg
• Q'ty/Box : 200pcs

GS-1250A End Snap Rest



• Weight : 0.100kg
• Q'ty/Box : 90pcs

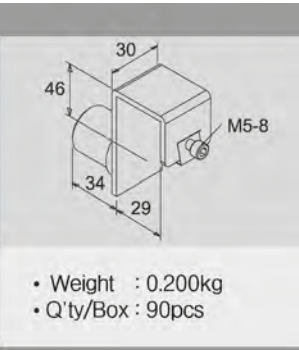
GS-2070C Pipe Plug



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

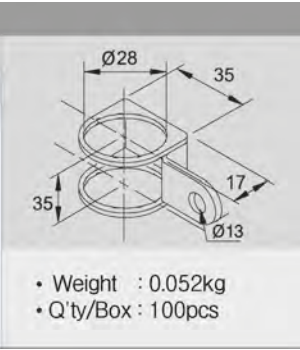
* Reference page 52

GS-2070D Slide Pipe Plug



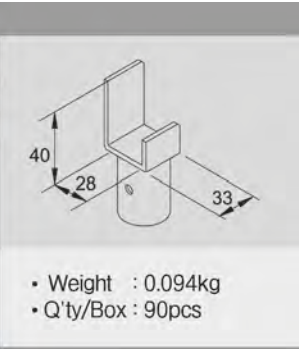
• Weight : 0.200kg
• Q'ty/Box : 90pcs

HG-D Hinge Metal



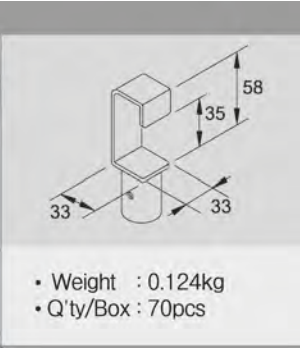
• Weight : 0.052kg
• Q'ty/Box : 100pcs

HK28WA Pipe Rest



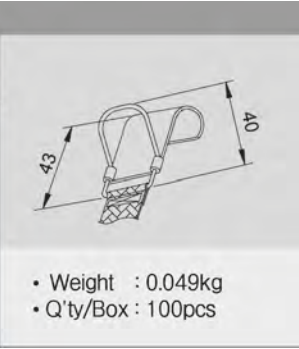
• Weight : 0.094kg
• Q'ty/Box : 90pcs

HK28WB Pipe Rest



• Weight : 0.124kg
• Q'ty/Box : 70pcs

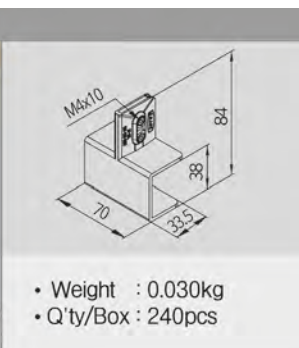
HM28YA Hanger Metal



• Weight : 0.049kg
• Q'ty/Box : 100pcs

Unit : mm

HP-30L Holder Panel



• Weight : 0.030kg
• Q'ty/Box : 240pcs

HP-30R Holder Panel



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

LRA-19 Linear Roller



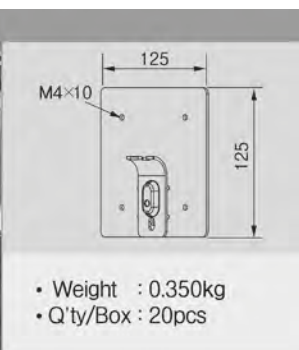
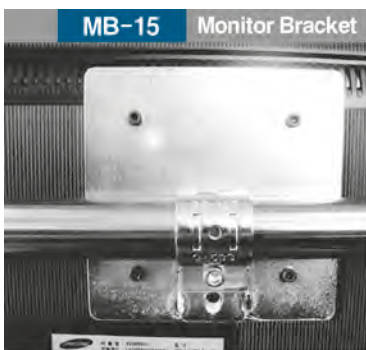
• Weight : 0.017kg
• Q'ty/Box : 300EA

PHR-28 Hang Roller



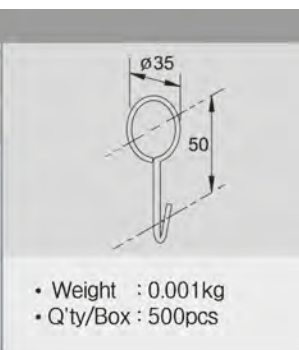
• Weight : 0.040kg
• Q'ty/Box : 100pcs

MB-15 Monitor Bracket



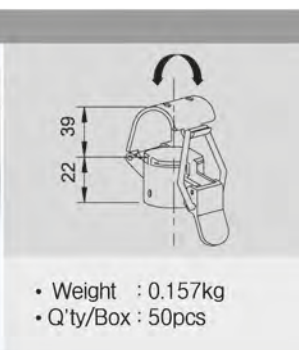
• Weight : 0.350kg
• Q'ty/Box : 20pcs

PH-A Hanger



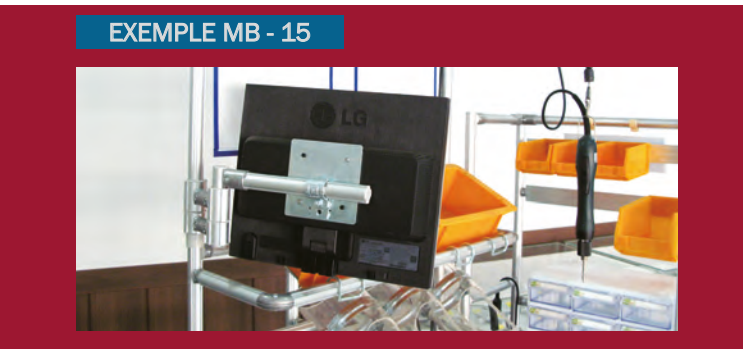
• Weight : 0.001kg
• Q'ty/Box : 500pcs

PC-D Pipe Lock Metal



• Weight : 0.157kg
• Q'ty/Box : 50pcs

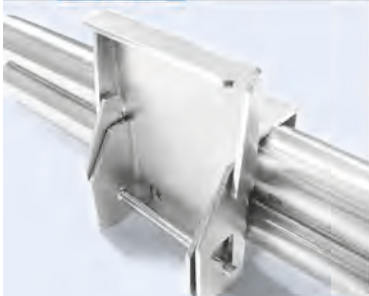
EXEMPLE MB - 15



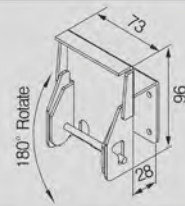


Unit : mm

QS-28Quick Stopper



180° Rotate



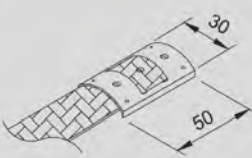
• Weight : 0.370kg

• Q'ty/Box : 18pcs

R-AR-AR Handle(Round Type)-L400

Design Patent No. 0296008



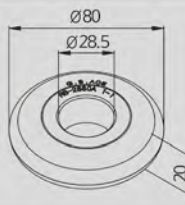


• Weight : 0.020kg

• Q'ty/Box : 400pcs

RB-2880ARing Bumper



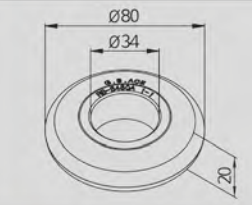


• Weight : 0.060kg

• Q'ty/Box : 150pcs

RB-3480ARing Bumper



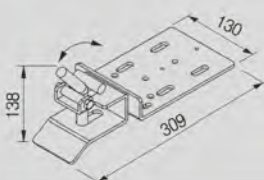


• Weight : 0.065kg

• Q'ty/Box : 150pcs

RQ-BRear Haul Ass'y-Quicking Type



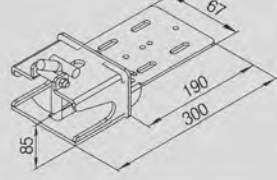


• Weight : 2.10kg

• Q'ty/Box : 4pcs

RQ-CRear Haul Ass'y-Quicking Type



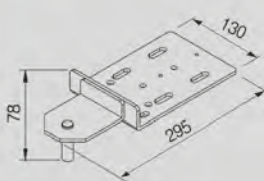


• Weight : 3.38kg

• Q'ty/Box : 6pcs

RS-ARRear Haul Ass'y-Spring Type



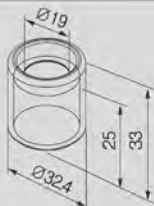


• Weight : 1.50kg

• Q'ty/Box : 4pcs

TC-28Tool Cap





• Weight : 0.011kg

• Q'ty/Box : 600pcs

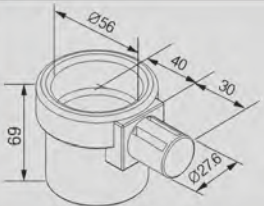
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OTHERS

Unit : mm

TH40PATool Holder-Plastic



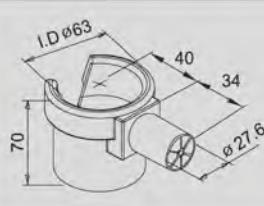


• Weight : 0.080kg

• Q'ty/Box : 50pcs

TH50PATool Holder-Plastic



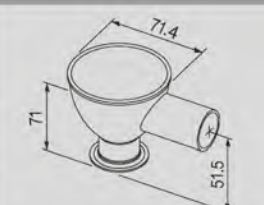


• Weight : 0.074kg

• Q'ty/Box : 50pcs

TH50YATool Holder



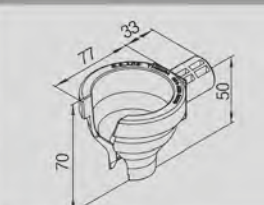


• Weight : 0.108kg

• Q'ty/Box : 25pcs

TH60PATool Holder-Plastic



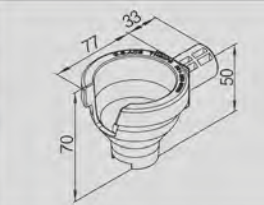


• Weight : 0.067kg

• Q'ty/Box : 50pcs

TH60PBTool Holder-Plastic



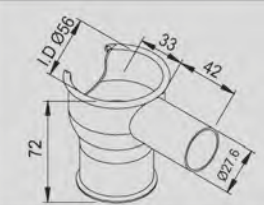


• Weight : 0.070kg

• Q'ty/Box : 50pcs

TH65YATool Holder





• Weight : 0.197kg

• Q'ty/Box : 25pcs

Example for TC-28



Example for Tool Holder





ACCESSORIES

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