



AUTOMATION, SMT & LEAN MANUFACTURING

ALUMINUM RACKING SYSTEM

ISO 9001/ ISO 14001 Certified

ADVANCED MECHATRONICS SOLUTIONS, INC www.ams-fa.com

Manufactured by  KOREA

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Comprehensive Production from part manufacturing to assembly

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Ø28 RACKING SYSTEM

28 X 28 RACKING SYSTEM

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ROLLER TRACKS

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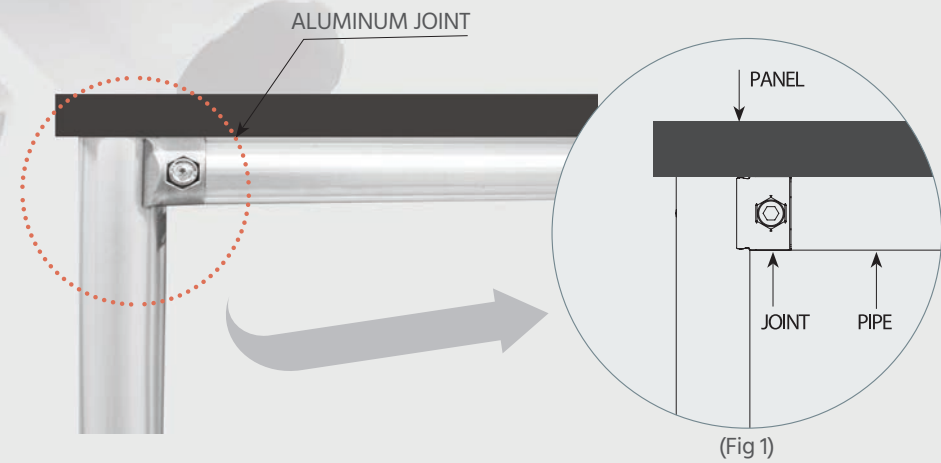
TECHNICAL

EXAMPLES

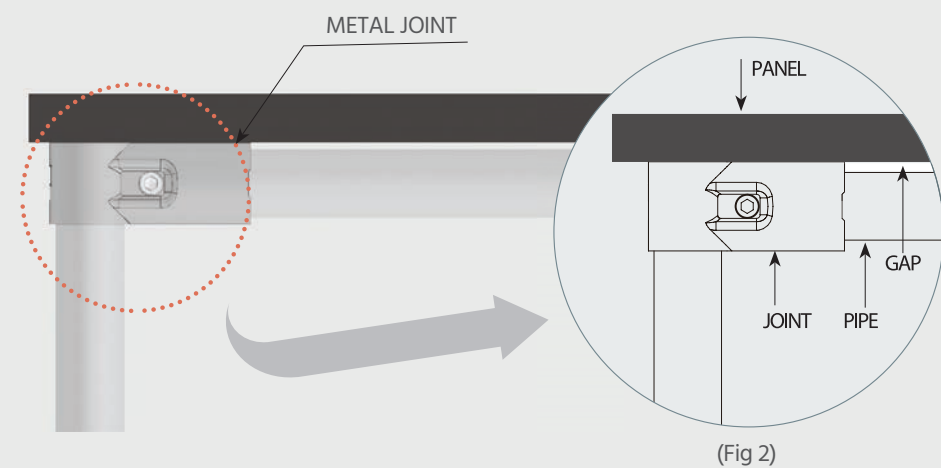
FEATURES OF ALUMINUM PIPE

AMS introduces a new revolutionary Aluminum Racking System to compliment our current product offerings. Thea highlights of the new products are:

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



<Example for AL Pipe & AL Joint>



<Example for STS Pipe & Metal Joint>

Ø28

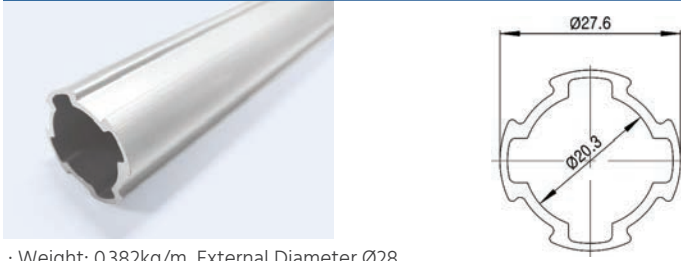
ALUMINUM RACKING SYSTEM



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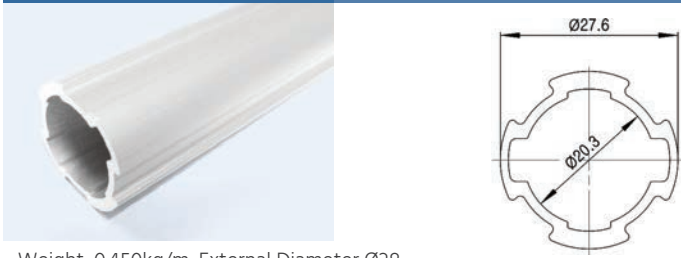
※ Refer to the Technical Specifications Page72

AP2812 Regular Duty Pipe



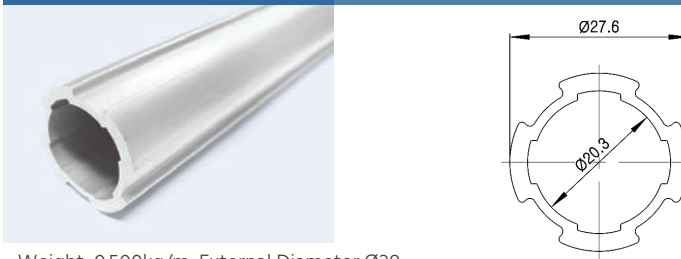
· Weight: 0.382kg/m, External Diameter Ø28

AP2820 Light Heavy Duty Pipe



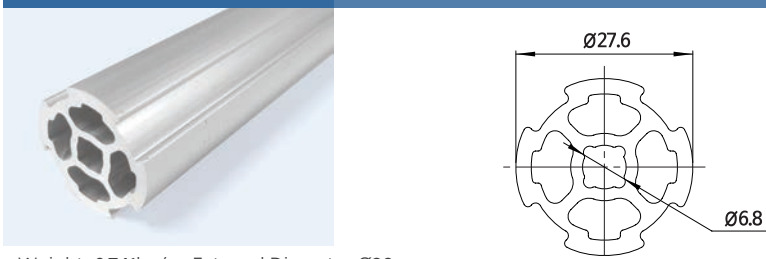
· Weight: 0.450kg/m, External Diameter Ø28

AP2829 Heavy Duty Pipe



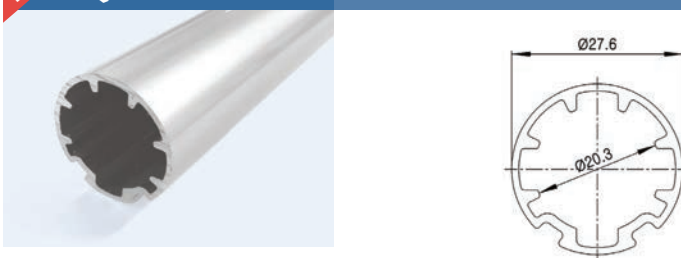
· Weight: 0.500kg/m, External Diameter Ø28

AP2812H Extra Heavy Duty Pipe

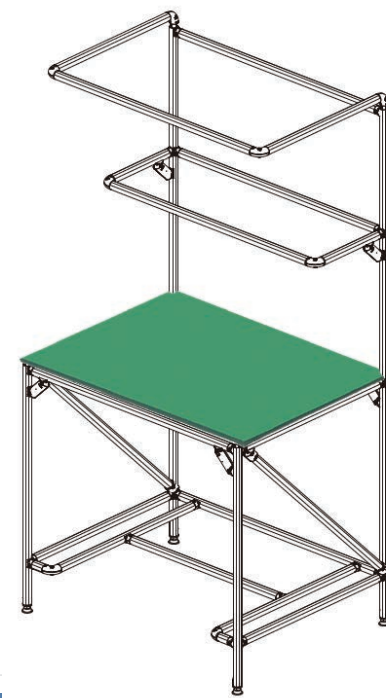


· Weight: 0.741kg/m, External Diameter Ø28

NEW AQ2812 Hand Rail Pipe



· Weight : 0.374kg/m, External Diameter Ø28

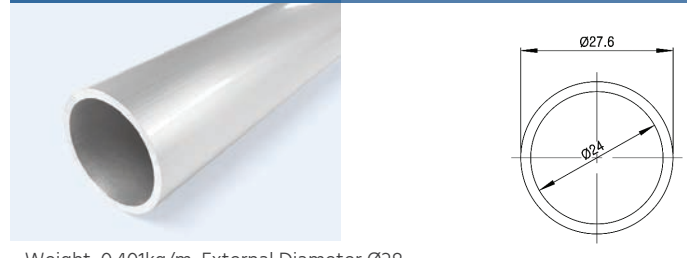


AL2813 Round Pipe(For Metal Joint)



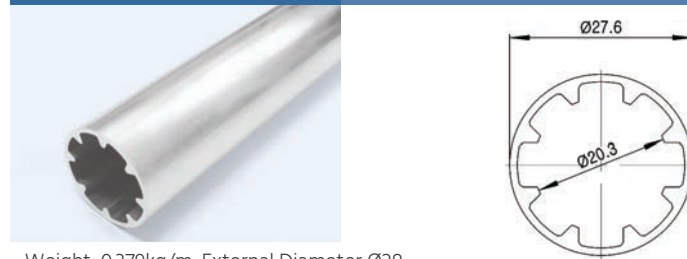
· Weight: 0.335kg/m, External Diameter Ø28

AL2818 Round Pipe(For Metal Joint)



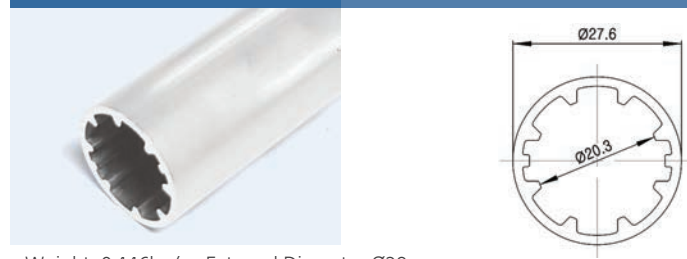
· Weight: 0.401kg/m, External Diameter Ø28

AR2812 Round Pipe(Regular Duty)



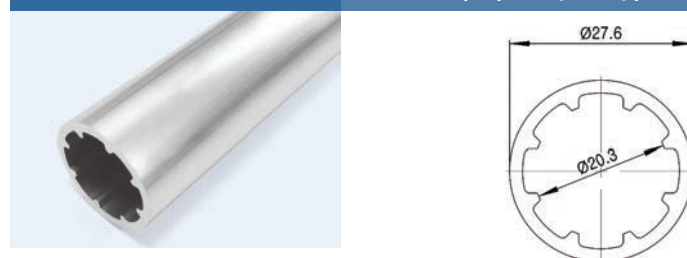
· Weight: 0.379kg/m, External Diameter Ø28

AR2820 Round Pipe(Light Heavy Duty)

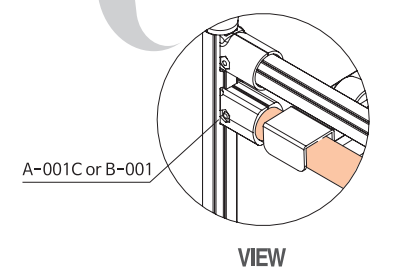
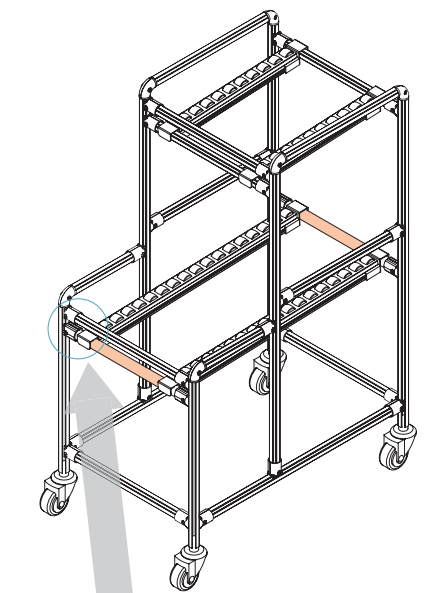
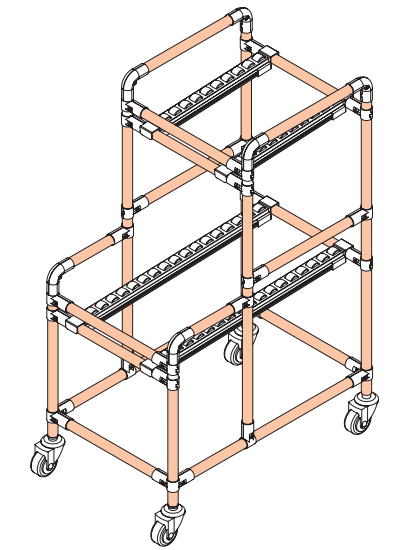


· Weight: 0.446kg/m, External Diameter Ø28

AR2829 Round Pipe(Heavy Duty)



· Weight: 0.496kg/m, External Diameter Ø28



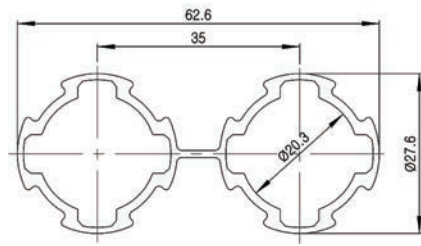
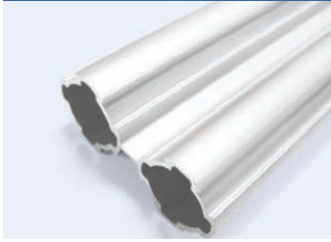
A-001C or B-001

VIEW

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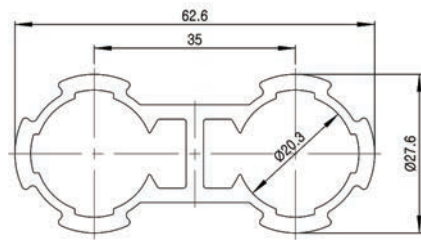
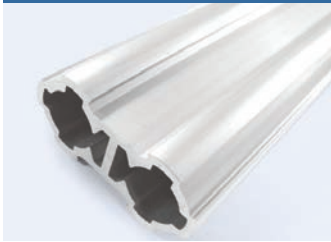
※ Refer to the Technical Specifications Page72

AD2812 Heavy Duty Pipe



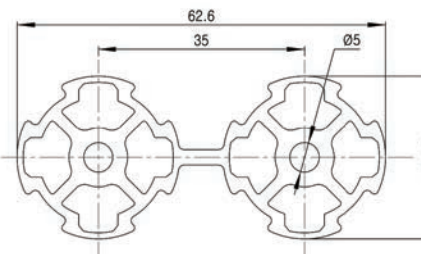
· Weight: 0.761kg/m, External Diameter Ø28

AD2829 Extra Heavy Duty Pipe



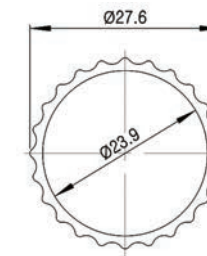
· Weight: 1.138kg/m, External Diameter Ø28

AD2812H Extra Heavy Duty Pipe

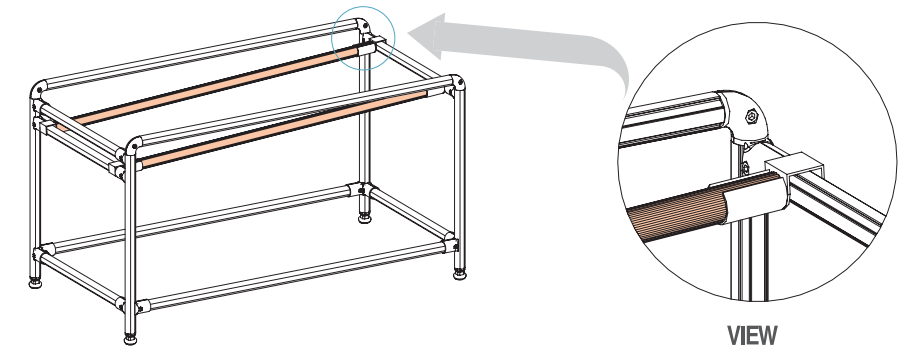


· Weight: 1.372kg/m, External Diameter Ø28

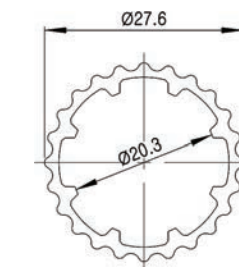
AFS2810 Full Slide Pipe (Light Duty)



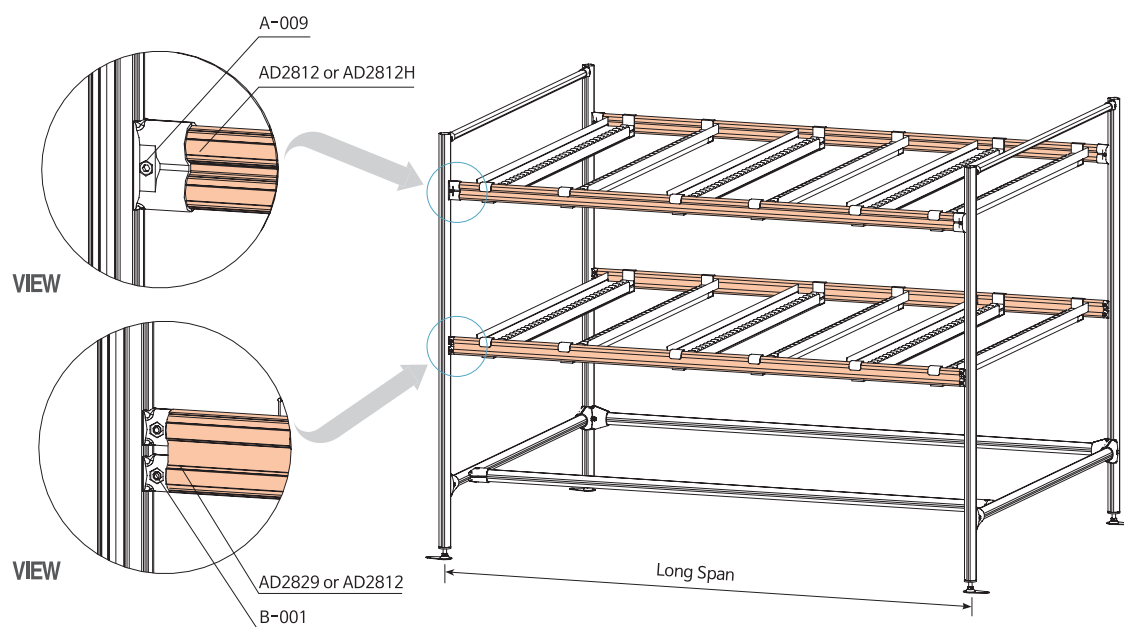
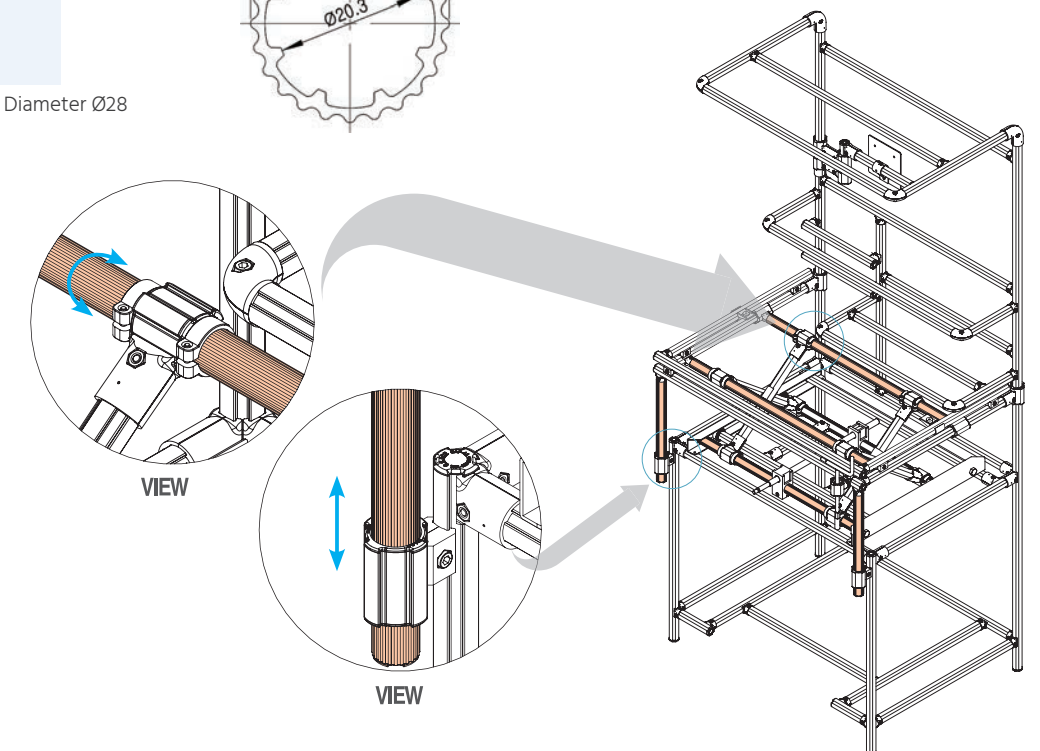
· Weight : 0.375kg/m, External Diameter Ø28



AFS2812 Full Slide Pipe (Regular Duty)




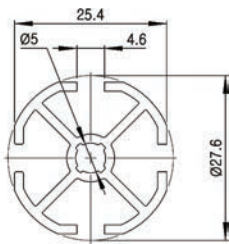
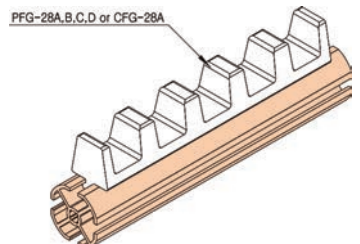
· Weight: 0.408kg/m, External Diameter Ø28



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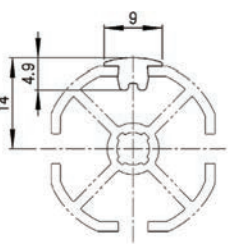
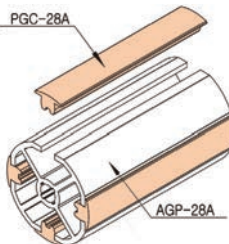
※ Refer to the Technical Specifications Page72

AGP-28A Panel Frame Guide AL Pipe

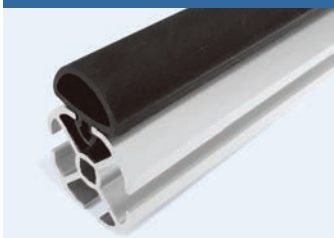
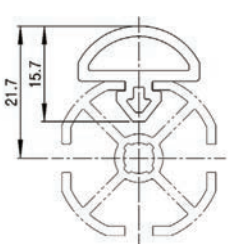
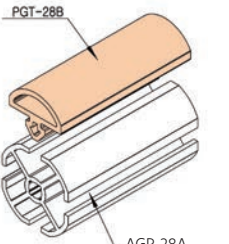
· Weight: 0.479kg/m, External Diameter Ø28

PGC-28A Groove cover for AGP-28A


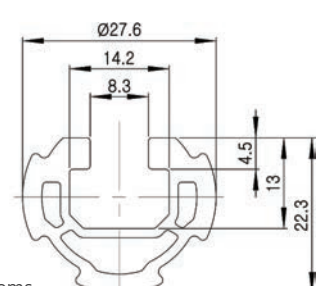
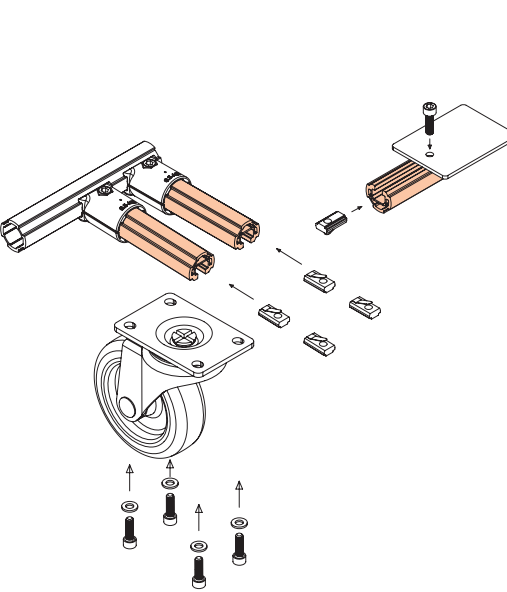
· Weight: 0.038kg/m

PGT-28B Groove cover for AGP-28A

· Weight: 0.102kg/m


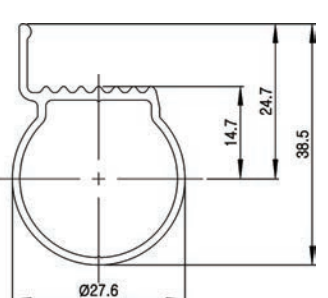
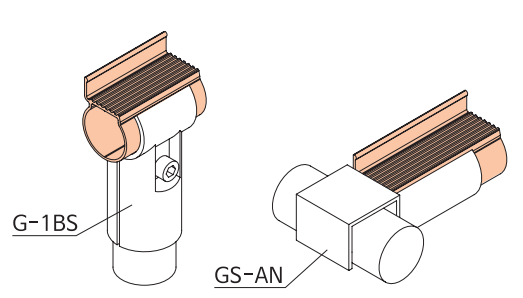
AT2829 T Slot Pipe

· Weight: 0.595kg/m, External Diameter Ø28

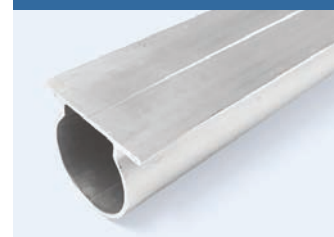
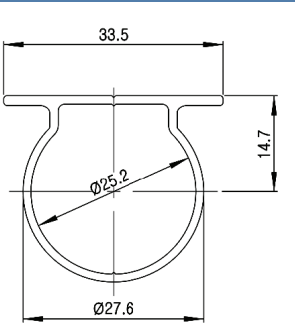
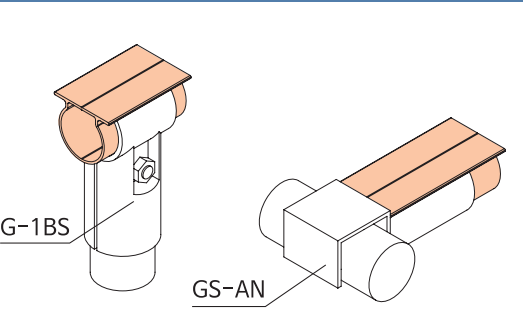
- ※ Spring Nuts can be used in the slot to attach various items
- ※ Slot will facilitate the linear movement of attached item

ALS2812 L-Slide Pipe

· Weight: 0.372kg/m, External Diameter Ø28

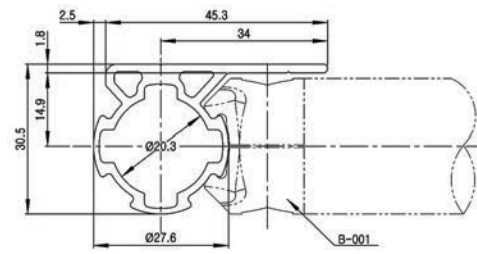
ACF2812 Flat Pipe

· Weight : 0.358kg/m, External Diameter Ø28

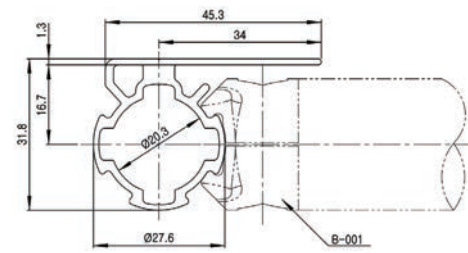
※ Refer to the Technical Specifications Page73

ALF2812 L-Flat Pipe



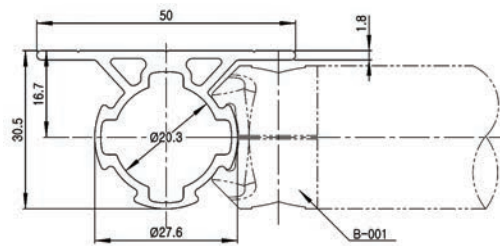
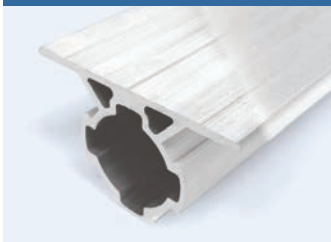
· Weight : 0.655kg/m, External Diameter Ø28

ALF2812B L-Flat Pipe

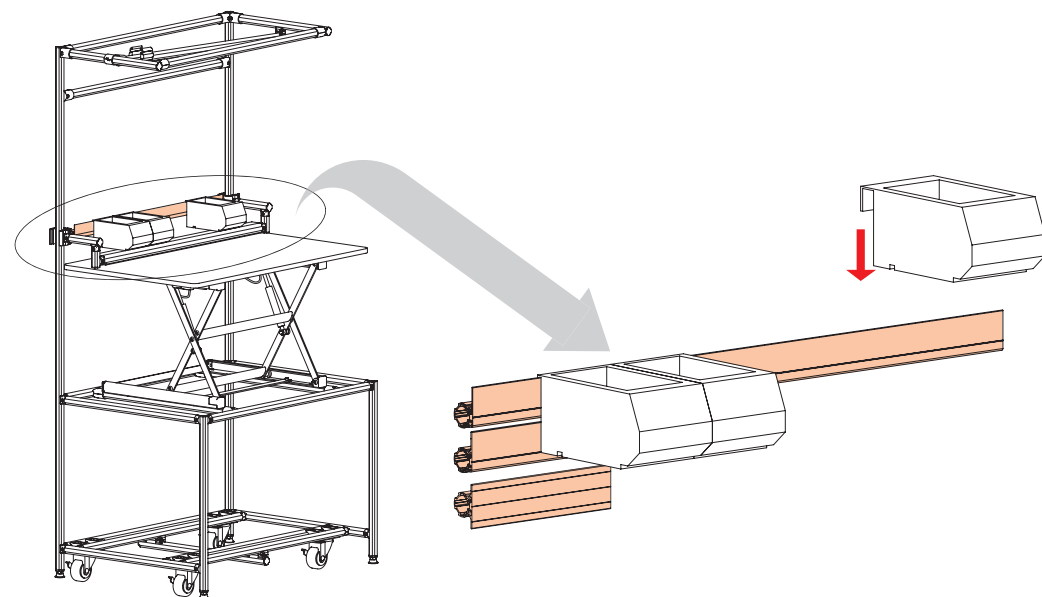


· Weight : 0.614kg/m, External Diameter Ø28

ATF2812 T-Flat Pipe



· Weight : 0.685kg/m, External Diameter Ø28



Outer Joints (Patent Pending)

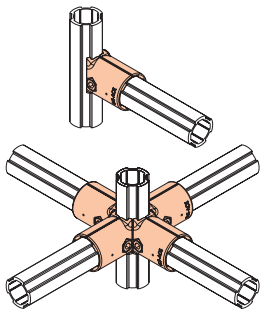
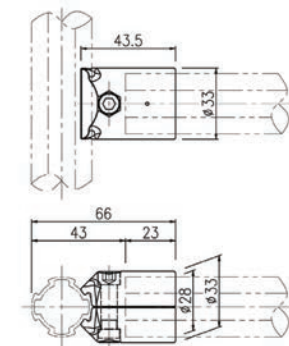
A-001 Single Tee Joint



<AA-001>

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

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



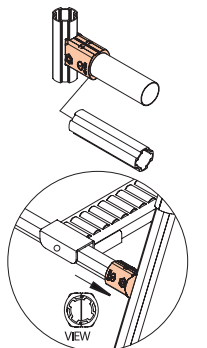
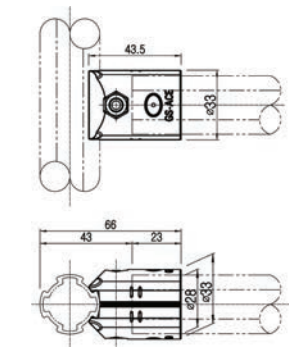
A-001C Single Tee Joint (for round pipes)



AA-001C

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

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



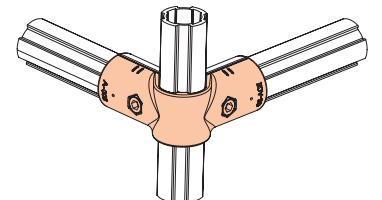
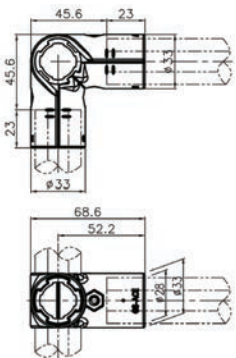
A-003 Outer Elbow Joint



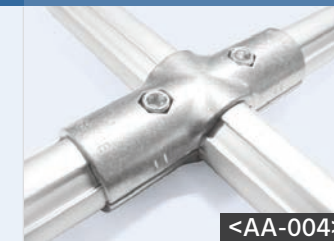
<AA-002>

· Weight : 0.068kg
· Q'ty/Box : 60pcs

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



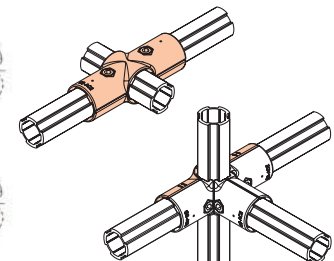
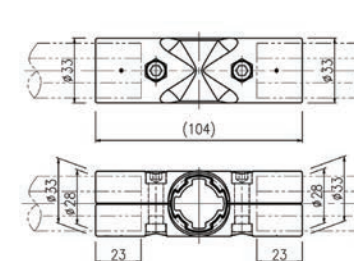
A-004 Straight Joint




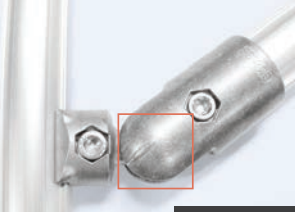
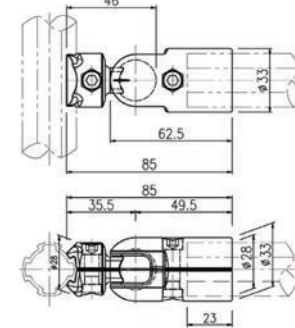
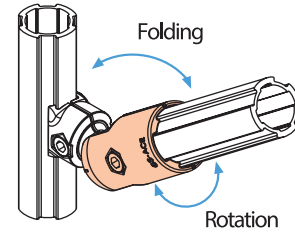
<AA-004>


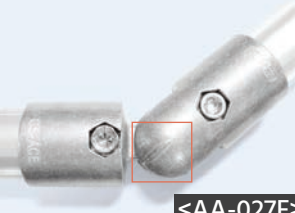
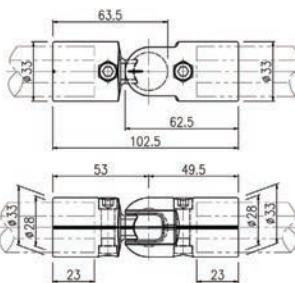
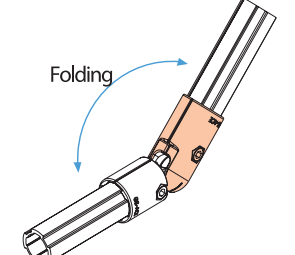
· Weight : 0.064kg
· Q'ty/Box : 80pcs



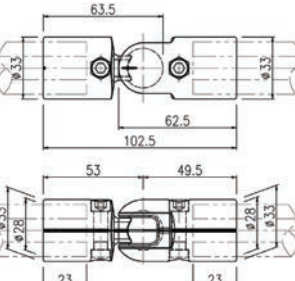
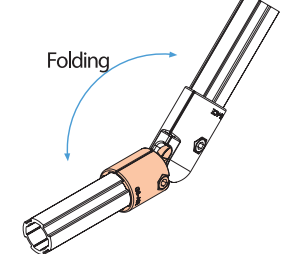
· A-004: 2pcs
· M0625/N06W-55: 2set
· Weight : 0.126kg
· Q'ty/Box : 40set



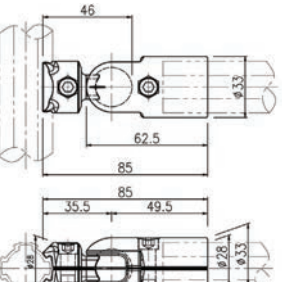
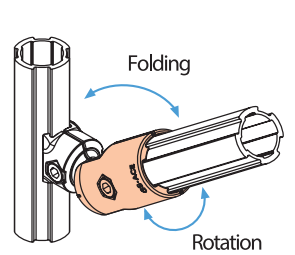


Outer Joints (Patent Pending)



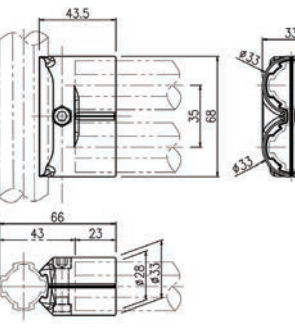
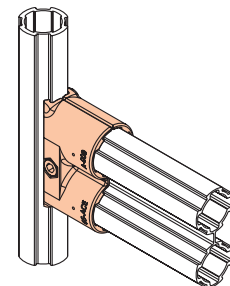
B-007A	Swivel Joint (Revolution, Angle Adjustable)
	   <p><AA-007F></p>
<ul style="list-style-type: none"> · Weight : 0.017kg · Q'ty/Box : 400pcs 	<ul style="list-style-type: none"> · A-007B: 2pcs, B-007A: 2pcs · M0625/N06W-55: 1set, M0620/N06W-55: 1set · Weight : 0.112kg · Q'ty/Box : 50set



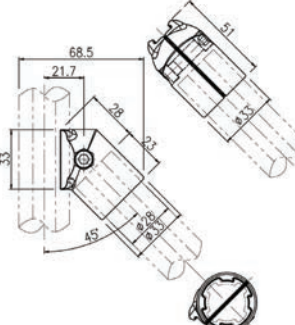
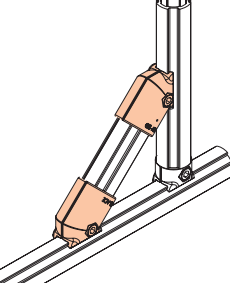
A-007B	Swivel Joint (Angle Adjustable)
	   <p><AA-027F></p>
<ul style="list-style-type: none"> · Weight : 0.031kg · Q'ty/Box : 200pcs 	<ul style="list-style-type: none"> · A-007B: 2pcs, A-007C: 2pcs · M0625/N06W-55: 2set · Weight : 0.134kg · Q'ty/Box : 50set



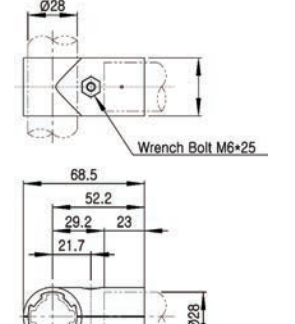
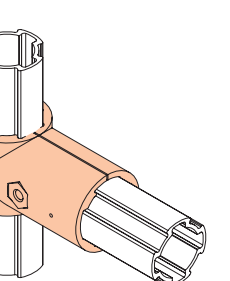
A-007C	Swivel Joint (Angle Adjustable)
	   <p><AA-027M></p>
<ul style="list-style-type: none"> · Weight : 0.027kg · Q'ty/Box : 200pcs 	<ul style="list-style-type: none"> · A-007C: 2pcs, A-007D: 2pcs · M0625/N06W-55 : 5: 2set · Weight : 0.133kg · Q'ty/Box : 50set



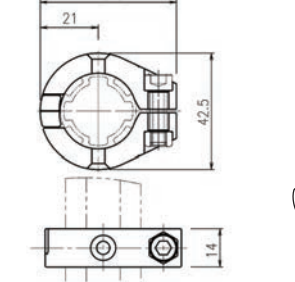
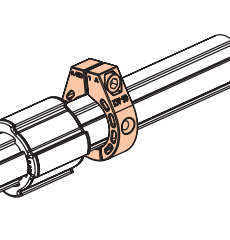
A-007D	Swivel Joint (Revolution, Angle Adjustable)
	   <p><AA-007R></p>
<ul style="list-style-type: none"> · Weight : 0.031kg · Q'ty/Box : 200pcs 	<ul style="list-style-type: none"> · A-007D : 2pcs B-007A : 2pcs · M0620/N06W-55 : 1set · M0625/N06W-55 : 1set · Weight : 0.112kg/m · Q'ty/Box : 50set

Outer Joints (Patent Pending)



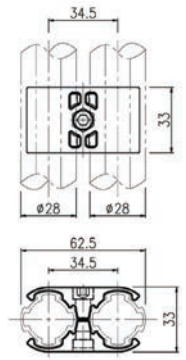
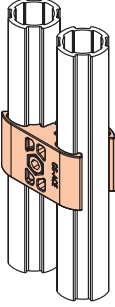
A-009	Double Tee Joint
	   <p><AA-009></p>
<ul style="list-style-type: none"> · Weight : 0.050kg · Q'ty/Box : 100pcs 	<ul style="list-style-type: none"> · A-009 : 2pcs · M0625/N06W-55 : 1set · Weight : 0.109kg · Q'ty/Box : 50set



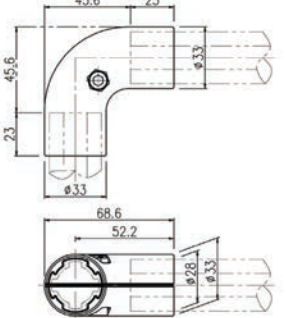
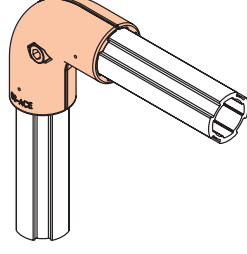
A-013L, A-013R	45° Joint
	   <p><AA-013></p>
<ul style="list-style-type: none"> · Weight : 0.023kg · Q'ty/Box : 200pcs 	<ul style="list-style-type: none"> · A-013L : 1pcs, A-013R : 1pcs · M0625/N06W-55 : 1set · Weight : 0.054kg · Q'ty/Box : 100set



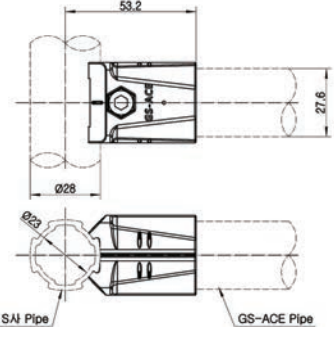
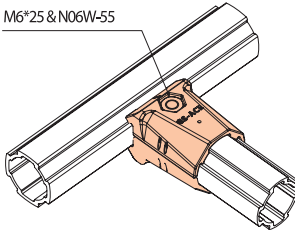
A-021	Single Tee Joint
 <p>Design Patent</p>	   <p><AA-021></p>
<ul style="list-style-type: none"> · Weight : 0.033kg · Q'ty/Box : 120EA 	<ul style="list-style-type: none"> · A-021 : 2pcs · M0625/N06W-55 : 1set · Weight : 0.074kg · Q'ty/Box : 60set

A-023	Stop Joint
	   <p><AA-023></p>
<ul style="list-style-type: none"> · Weight : 0.017kg · Q'ty/Box : 300pcs 	<ul style="list-style-type: none"> · A-023 : 2pcs · M0620/N06W-55 : 1set · Weight : 0.037kg · Q'ty/Box : 150set



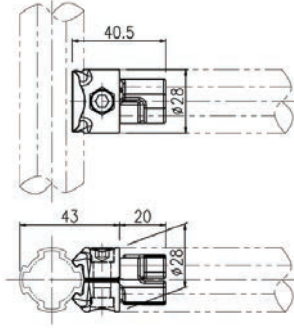
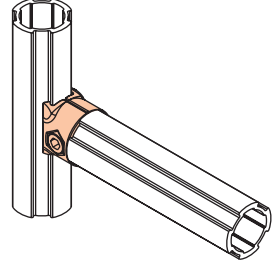
Outer Joints (Patent Pending)


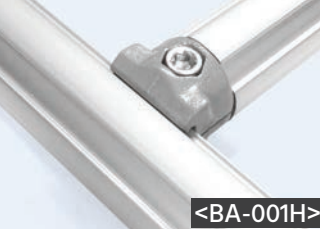
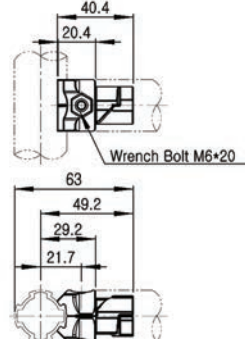
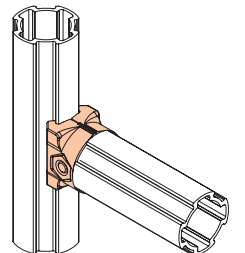
A-028		Parallel Joint	
			
<ul style="list-style-type: none"> Weight : 0.026kg Q'ty/Box : 150pcs 	<ul style="list-style-type: none"> A-028 : 2pcs M0625/N06W-55 : 1set Weight : 0.060kg Q'ty/Box : 75set 		



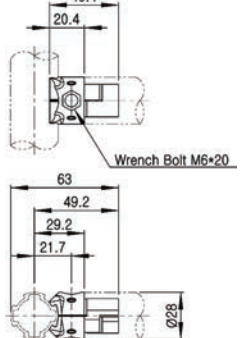
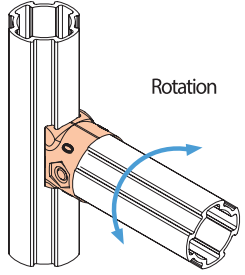
A-090		90° Elbow Joint	
			
<ul style="list-style-type: none"> Weight : 0.050kg Q'ty/Box : 80pcs 	<ul style="list-style-type: none"> A-090 : 2pcs M0625/N06W-55 : 1set Weight : 0.110kg Q'ty/Box : 40set 		



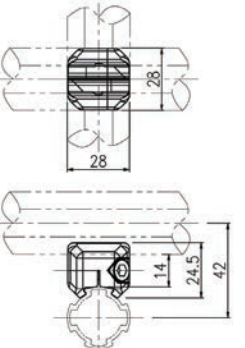
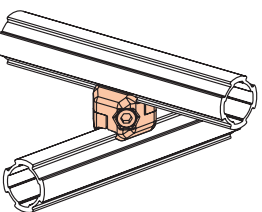
NEW A-101		Single Tee Joint	
			
<ul style="list-style-type: none"> Weight : 0.026kg Q'ty/Box : 200pcs 	<ul style="list-style-type: none"> A-101 : 2pcs M0625/M06W-55 : 1set Weight : 0.062kg Q'ty/Box : 100set 	<p>M6*25 & N06W-55</p> <p>SAI Pipe</p> <p>GS-ACE Pipe</p>	

Outer Joints (Patent Pending)



B-001		Single Tee Joint	
			
<ul style="list-style-type: none"> Weight : 0.018kg Q'ty/Box : 300pcs 	<ul style="list-style-type: none"> B-001 : 2pcs M0620/N06W-55 : 1set Weight : 0.044kg Q'ty/Box : 150set 		

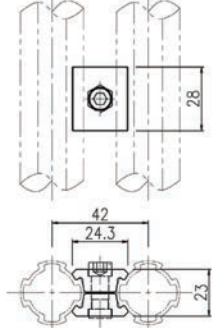
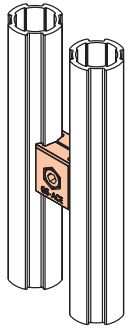
NEW B-001H		Single Tee Joint (Heavy Duty)	
			
<ul style="list-style-type: none"> Weight : 0.020kg Q'ty/Box : 240pcs 	<ul style="list-style-type: none"> B-001H : 2pcs M0620/N06-55 : 1set Weight : 0.048kg Q'ty/Box : 120set 	<p>Wrench Bolt M6*20</p>	



B-001C		Single Tee Joint	
			
<ul style="list-style-type: none"> Weight : 0.018kg Q'ty/Box : 300EA 	<ul style="list-style-type: none"> B-001C : 2pcs M0620/N06W-55 : 1set Weight : 0.044kg Q'ty/Box : 150set 	<p>Wrench Bolt M6*20</p> <p>Rotation</p>	

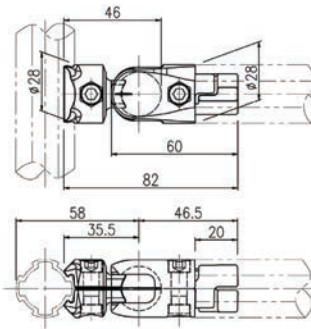
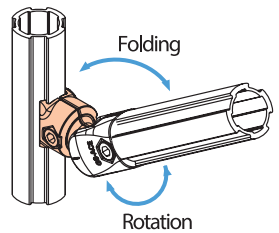
B-006		90° Offset Joint	
			
<ul style="list-style-type: none"> Weight : 0.012kg Q'ty/Box : 400pcs 	<ul style="list-style-type: none"> B-006 : 2pcs M0625/N06W-55 : 1set Weight : 0.036kg Q'ty/Box : 200set 		


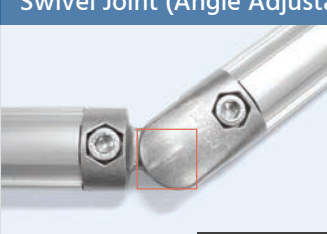
Inner Joints (Patent Pending)

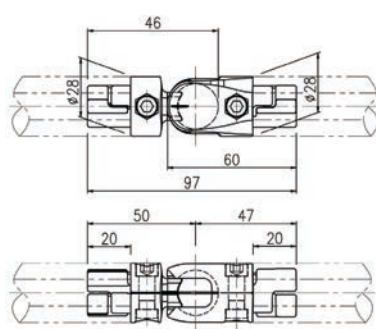
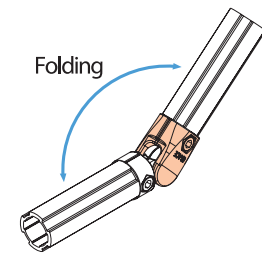
B-008 Parallel Joint	
	
<ul style="list-style-type: none"> Weight : 0.013kg Q'ty/Box : 400pcs 	<ul style="list-style-type: none"> B-008 : 2pcs M0620/N06W-55 : 1set Weight : 0.032kg Q'ty/Box : 200set






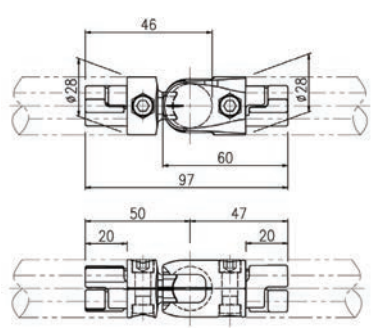
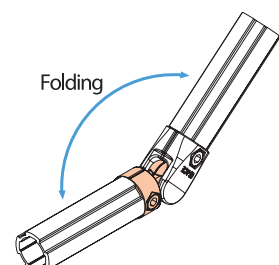
B-007A Swivel Joint (Revolution, Angle Adjustable)	
	
<ul style="list-style-type: none"> Weight : 0.017kg Q'ty/Box : 400pcs 	<ul style="list-style-type: none"> B-007A: 2pcs, B-007B : 2pcs M0620/N06W-55 : 2set Weight : 0.099kg Q'ty/Box : 80set



B-007B Swivel Joint (Angle Adjustable)	
	
<ul style="list-style-type: none"> Weight : 0.025kg Q'ty/Box : 250pcs 	<ul style="list-style-type: none"> B-007B: 2pcs, B-007C : 2pcs M0620/N06W-55 : 2set Weight : 0.112kg Q'ty/Box : 80set

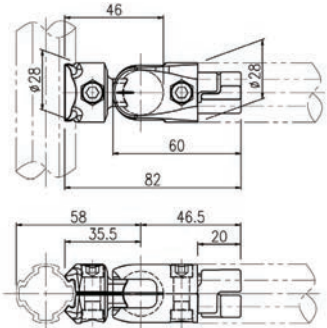
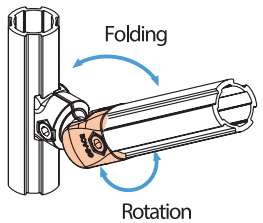





B-007C Swivel Joint (Angle Adjustable)	
	
<ul style="list-style-type: none"> Weight : 0.023kg Q'ty/Box : 250pcs 	<ul style="list-style-type: none"> B-007C: 2pcs, B-007D : 2pcs M0620/N06W-55 : 2set Weight : 0.111kg Q'ty/Box : 80set

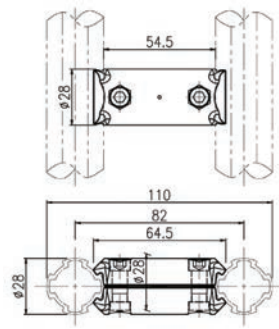
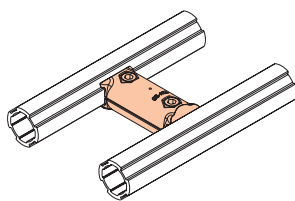




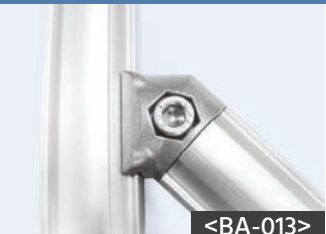
Inner Joints (Patent Pending)

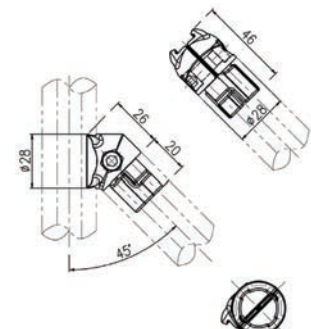
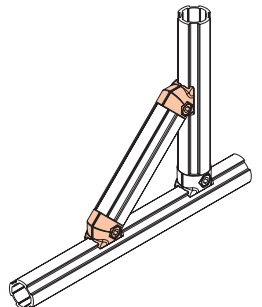
B-007D Swivel Joint (Revolution, Angle Adjustable)	
	
<ul style="list-style-type: none"> Weight : 0.025kg Q'ty/Box : 250pcs 	<ul style="list-style-type: none"> B-007A: 2pcs, B-007D : 2pcs M0620/N06W-55 : 2set Weight : 0.098kg Q'ty/Box : 80set






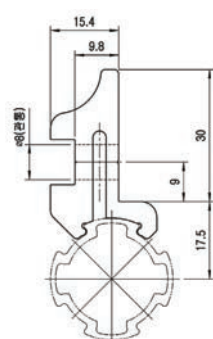
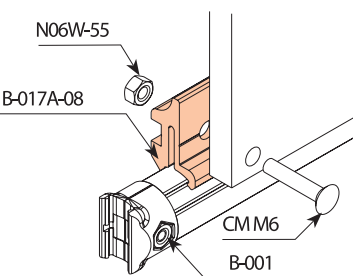
B-011 Parallel Joint	
	
<ul style="list-style-type: none"> Weight : 0.030kg Q'ty/Box : 200pcs 	<ul style="list-style-type: none"> B-011 : 2pcs M0620/N06W-55 : 2set Weight : 0.075kg Q'ty/Box : 100set

B-013L, B-013R 45° Joint	
	
<ul style="list-style-type: none"> Weight : 0.018kg Q'ty/Box : 300pcs 	<ul style="list-style-type: none"> B-013L: 1pcs, B-013R : 1pcs M0620/N06W-55 : 1set Weight : 0.043kg Q'ty/Box : 150set



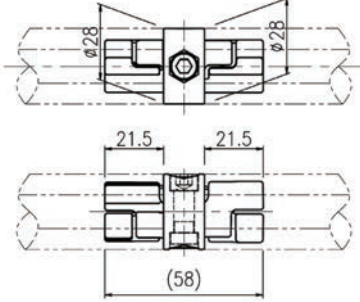
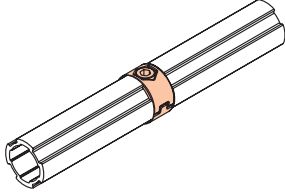




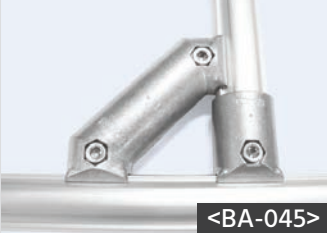
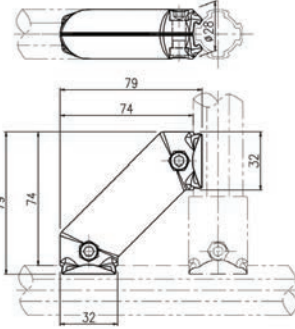
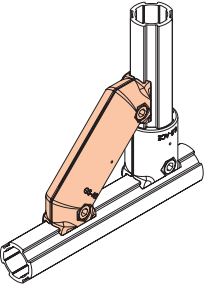
B-017A-08 Panel Joint	
	
<ul style="list-style-type: none"> Weight : 0.030kg Q'ty/Box : 200pcs 	<ul style="list-style-type: none"> N06W-55 B-017A-08 CMM6 B-001



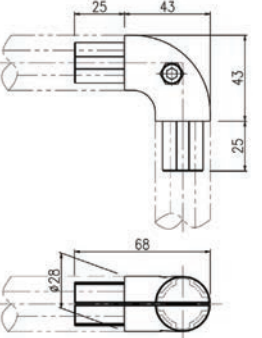
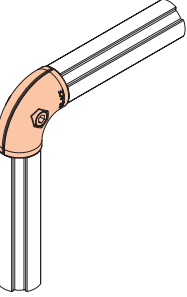




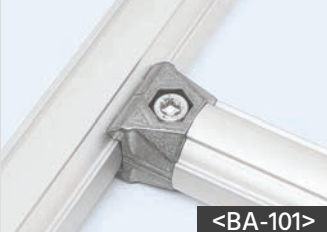
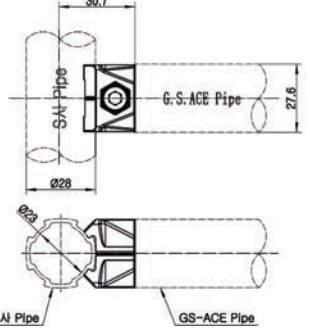
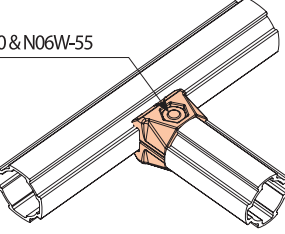
*Application Example:
Reference page 78

Inner Joints (Patent Pending)



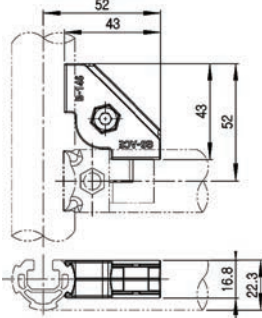
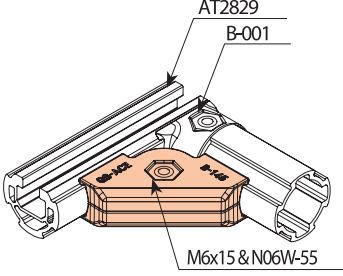
B-044	Straight Connector Joint
 <ul style="list-style-type: none"> · Weight : 0.026kg · Q'ty/Box : 200pcs 	 <p style="text-align: right; background-color: black; color: white; padding: 2px;"><BA-044></p> <ul style="list-style-type: none"> · B-044 : 2pcs · M0620/N06W-55 : 1set · Weight : 0.058kg · Q'ty/Box : 100set  




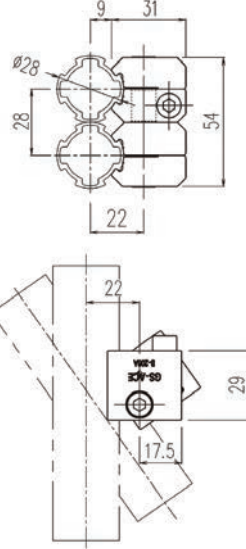
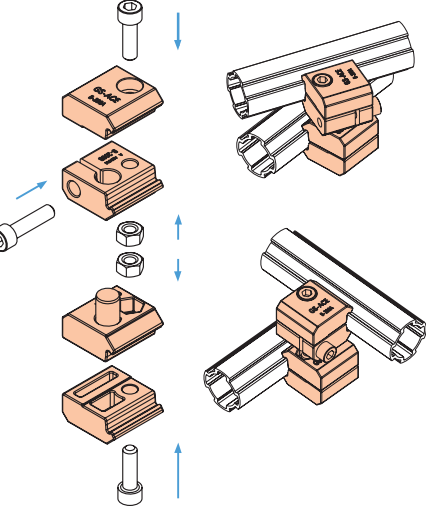


B-045	Corner Joint
 <ul style="list-style-type: none"> · Weight : 0.048kg · Q'ty/Box : 100pcs 	 <p style="text-align: right; background-color: black; color: white; padding: 2px;"><BA-045></p> <ul style="list-style-type: none"> · B-045 : 2pcs · M0620/N06W-55 : 2set · Weight : 0.114kg · Q'ty/Box : 50set  

B-090	90° Elbow Joint
 <ul style="list-style-type: none"> · Weight : 0.039kg · Q'ty/Box : 120pcs 	 <p style="text-align: right; background-color: black; color: white; padding: 2px;"><BA-090></p> <ul style="list-style-type: none"> · B-090 : 2pcs · M0620/N06W-55 : 1set · Weight : 0.086kg · Q'ty/Box : 60set  


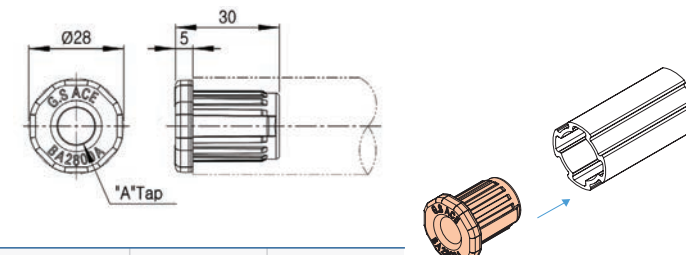
NEW B-101	Single Tee Joint
 <ul style="list-style-type: none"> · Weight : 0.020kg · Q'ty/Box : 200ea 	 <p style="text-align: right; background-color: black; color: white; padding: 2px;"><BA-101></p> <ul style="list-style-type: none"> · B-101 : 2pcs · M0620/M06W-55 : 1set · Weight : 0.048kg · Q'ty/Box : 100ea  

Inner Joints (Patent Pending)

NEW B-145	Corner Joint
 <ul style="list-style-type: none"> · Weight : 0.020kg · Q'ty/Box : 400pcs 	 <p style="text-align: right; background-color: black; color: white; padding: 2px;"><BA-145></p> <ul style="list-style-type: none"> · B-145 : 2pcs · M6*10/M06W-55 : 1set · Weight : 0.047kg · Q'ty/Box : 200set  

BA-206	Crossover Joint (Angle Adjustable)	
 <ul style="list-style-type: none"> · B-206A: 1pcs, · B-206B: 1pcs, · B-206C: 1pcs, · B-206D: 1pcs 	<ul style="list-style-type: none"> · M0620/N06W-55 : 2set · M0625: 1pcs 	<ul style="list-style-type: none"> · Weight : 0.117kg · Q'ty/Box : 60set
 <p style="text-align: center; background-color: black; color: white; padding: 2px;">B-206A</p> <ul style="list-style-type: none"> · Weight : 0.020kg · Q'ty/Box : 240pcs 	 <p style="text-align: center; background-color: black; color: white; padding: 2px;">B-206B</p> <ul style="list-style-type: none"> · Weight : 0.020kg · Q'ty/Box : 240pcs 	 
 <p style="text-align: center; background-color: black; color: white; padding: 2px;">B-206C</p> <ul style="list-style-type: none"> · Weight : 0.035kg · Q'ty/Box : 240pcs 	 <p style="text-align: center; background-color: black; color: white; padding: 2px;">B-206D</p> <ul style="list-style-type: none"> · Weight : 0.020kg · Q'ty/Box : 240pcs 	


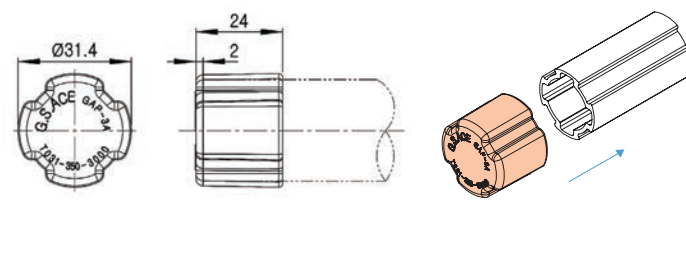
BA2800A/B AL Thread Insert

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

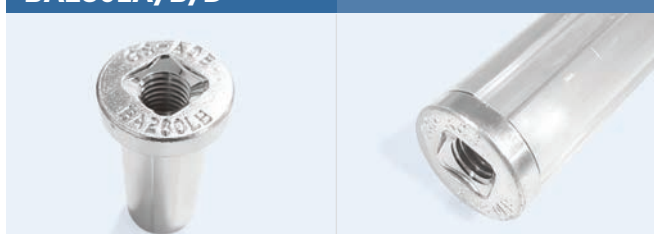
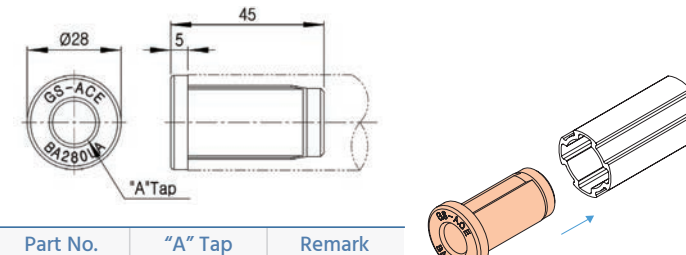
Part No.	"A" Tap	Remark
BA2800A	1/2"-12N	
BA2800B	M12-p1.75	

GAP-3A Outer Cap

· Weight : 0.006kg
· Q'ty/Box : 900EA


BA280LA/B/D Metal Thread Insert

· Weight : 0.094kg
· Q'ty/Box : 160EA

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

GAP-4A Inner Cap




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


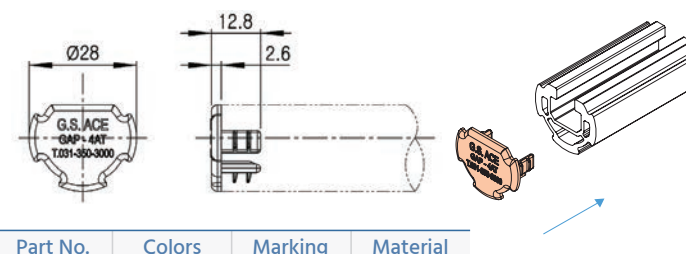
Part No.	Colors	Marking	Material
GAP-4A-G	Gray	GAP-4A	Plastic
GAP-4A-B	Black		
GAP-4A-i	Ivory		

BA2818E Metal Thread Insert for AL2818




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


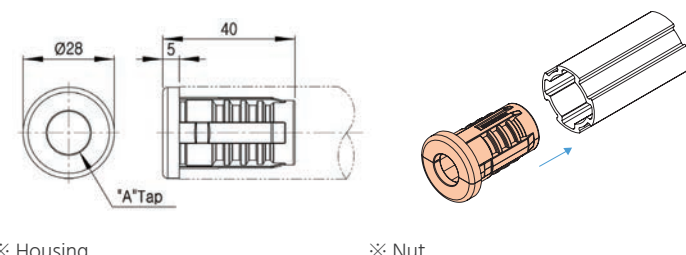
GAP-4AT Inner Cap for AT2829

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

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

BP2800H AL Plastic Thread Insert

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



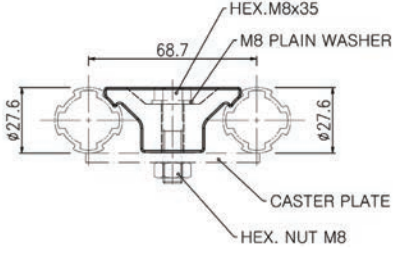
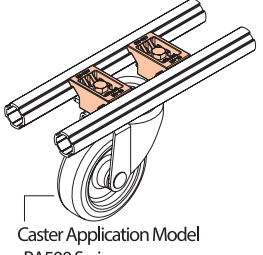
· Housing : 2pcs
· Nut : 1pcs

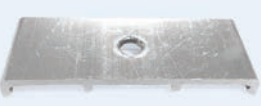

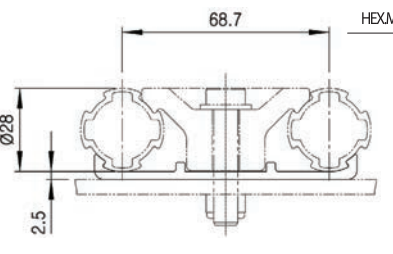
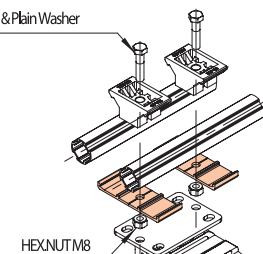
※ Housing



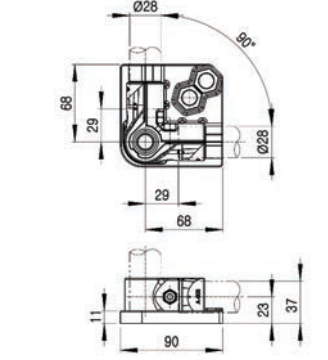
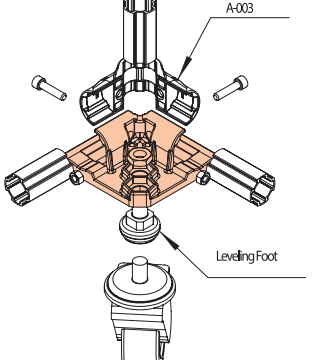
Part No.	Colors	Remark
BP2800	Gray	



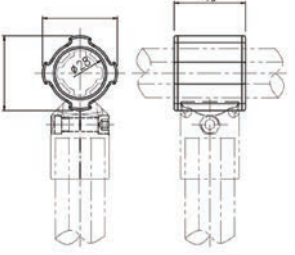
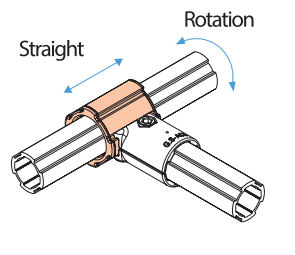
※ Nut



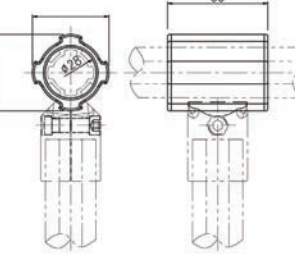
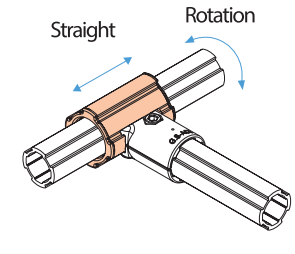
"A" Tap	Part No.	Remark
M12	N12S (SUS 304)	
1/2"-12N	NI05S-12 (SUS 304)	

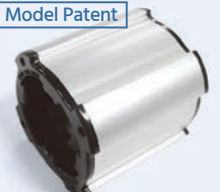

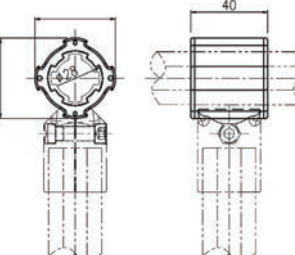
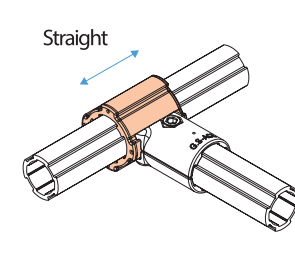
ACM-500		AL Caster Mount	
			
<ul style="list-style-type: none"> Weight : 0.054kg Q'ty/Box : 100pcs 		<p>HEX.M8x35 M8 PLAIN WASHER 68.7 Ø27.6 CASTER PLATE HEX. NUT M8</p> <p>Caster Application Model : PA500 Series</p>	

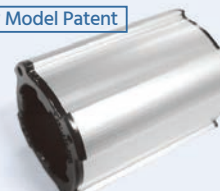

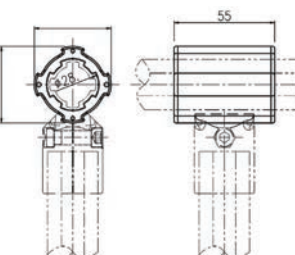
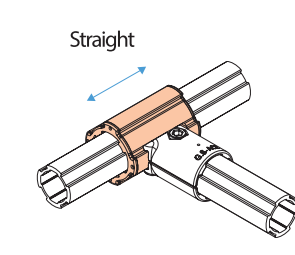
ACM-500-S		AL Caster Mount (For Aid)	
			
<ul style="list-style-type: none"> Weight : 0.024kg Q'ty/Box : 200EA 		<p>68.7 Ø28 2.5 HEX M8x40 & Plain Washer HEX NUT M8 Top Plate Type Caster</p>	

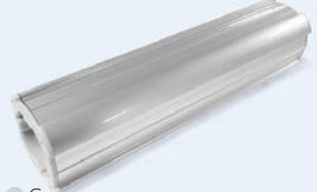

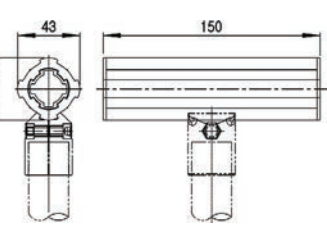
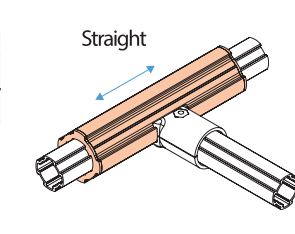
ACB-B28A/B		AL Corner Base	
			
<p>Patent Pending</p> <ul style="list-style-type: none"> Weight : 0.208kg Q'ty/Box : 24EA 		<p>A-003 Leveling Foot</p>	

AH-540		Aluminum Sleeve (Short Type)		
				
<ul style="list-style-type: none"> Weight : 0.034kg Q'ty/Box : 100pcs 		<p>40 Straight Rotation</p>		

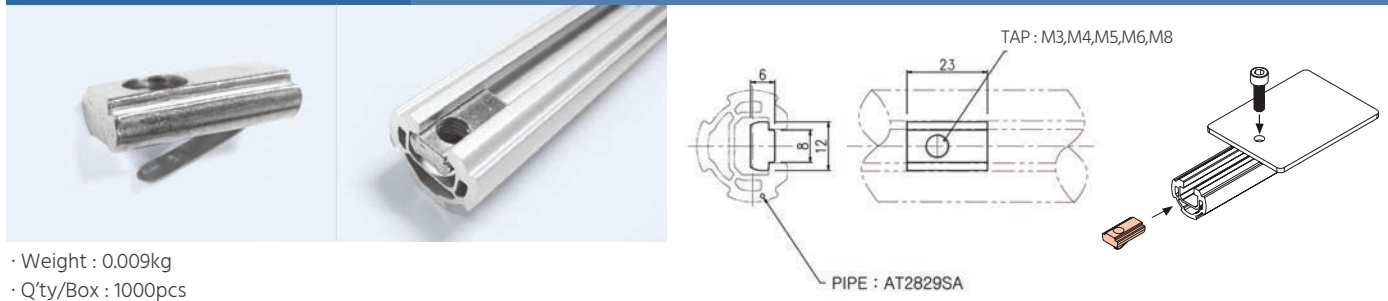
AH-555		Aluminum Sleeve (Long Type)		
				
<ul style="list-style-type: none"> Weight : 0.046kg Q'ty/Box : 100pcs 		<p>55 Straight Rotation</p>		

AH-640		Aluminum Sleeve (Short Type)		
				
<ul style="list-style-type: none"> Weight : 0.035kg Q'ty/Box : 100pcs 		<p>40 Straight</p>		

AH-655		Aluminum Sleeve (Long Type)		
				
<ul style="list-style-type: none"> Weight : 0.047kg Q'ty/Box : 100pcs 		<p>55 Straight</p>		

AH-800		Aluminum Sleeve (Long Type)		
				
<ul style="list-style-type: none"> Weight : 0.118kg Q'ty/Box : 36EA 		<p>43 150 43 Straight</p>		

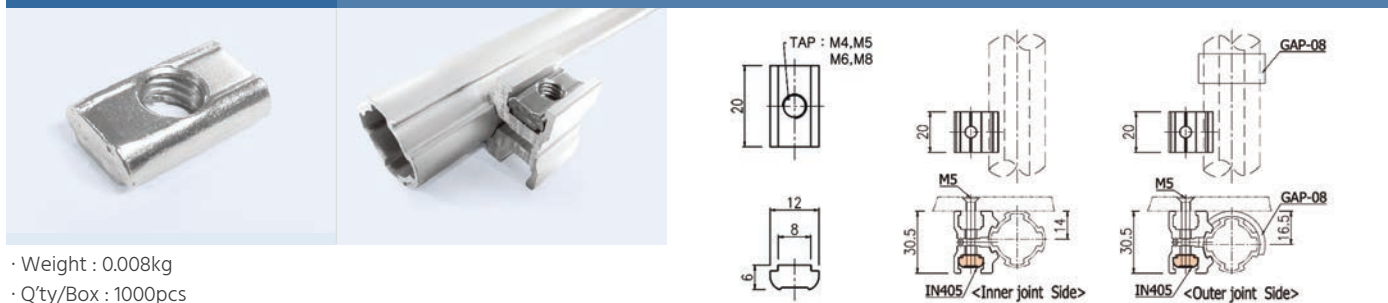
SN403/404/405/406/408 Spring Nut



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

TAP : M3,M4,M5,M6,M8
PIPE : AT2829SA

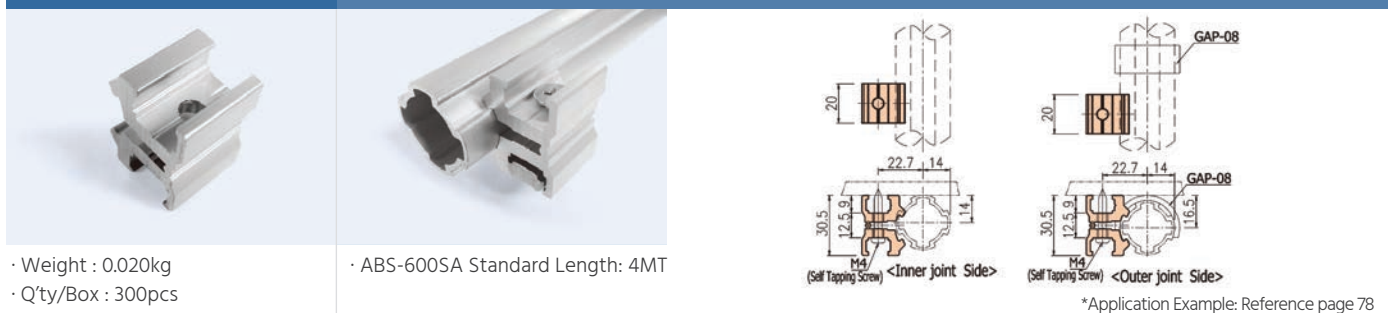
IN404/405/406/408 Insert Nut



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

TAP : M4,M5,M6,M8
GAP-08
IN405 <Inner joint Side>
IN405 <Outer joint Side>

ABS-620 Board Support

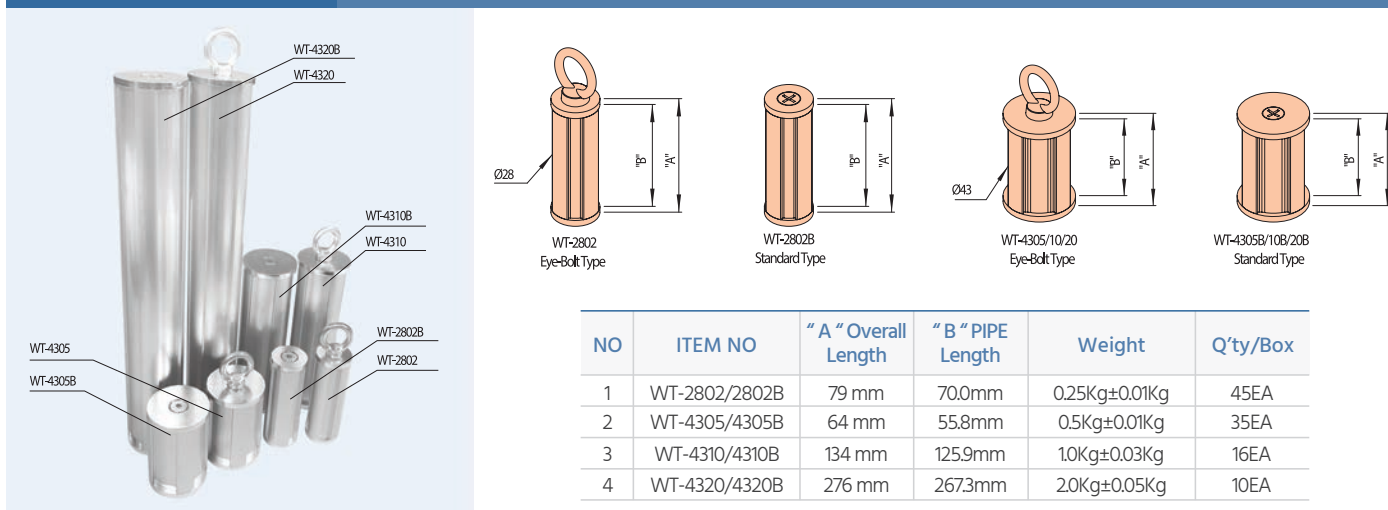


Weight : 0.020kg
Q'ty/Box : 300pcs

ABS-600SA Standard Length: 4MT

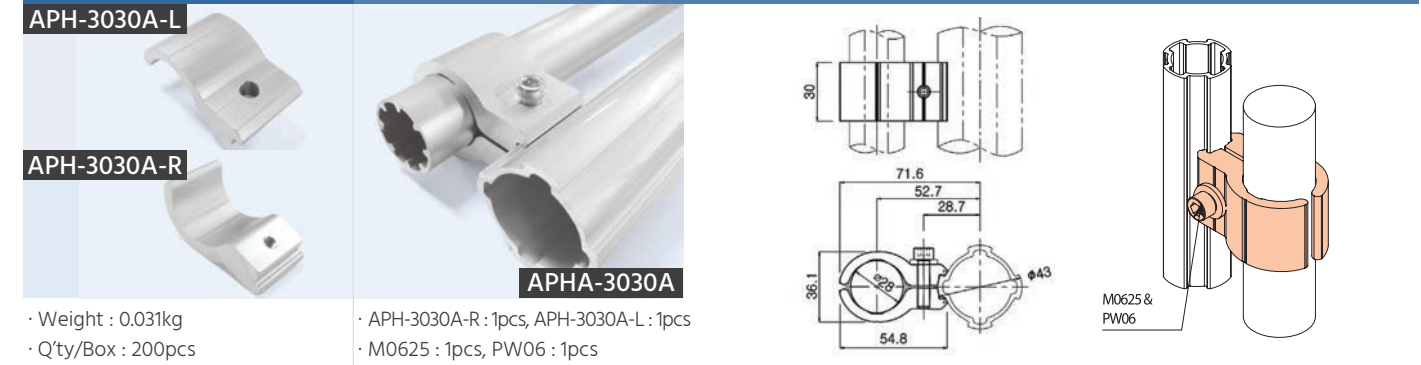
*Application Example: Reference page 78

WEIGHT Weight for Automation



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

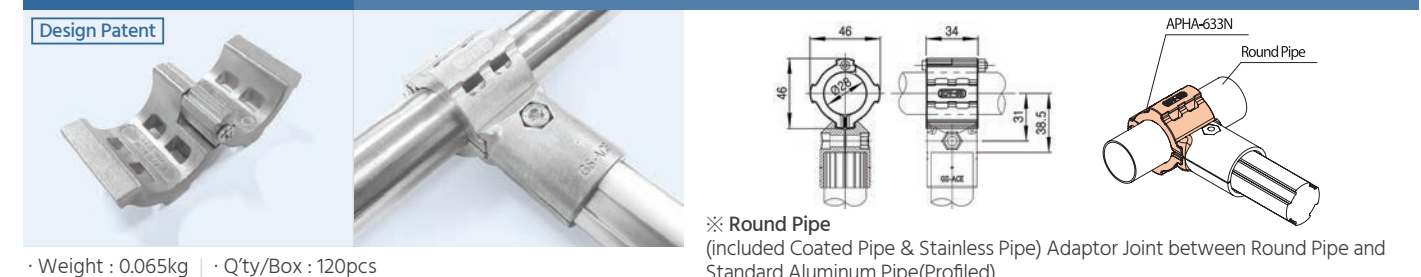
APHA-3030A Round Pipe Connected Joint



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

APH-3030A-R : 1pcs, APH-3030A-L : 1pcs
M0625 : 1pcs, PW06 : 1pcs

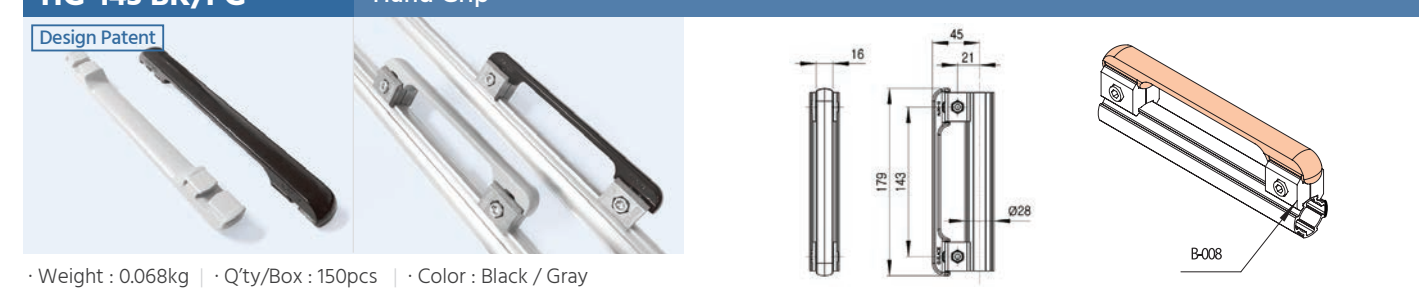
APHA-633N Round Pipe Connected Joint



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

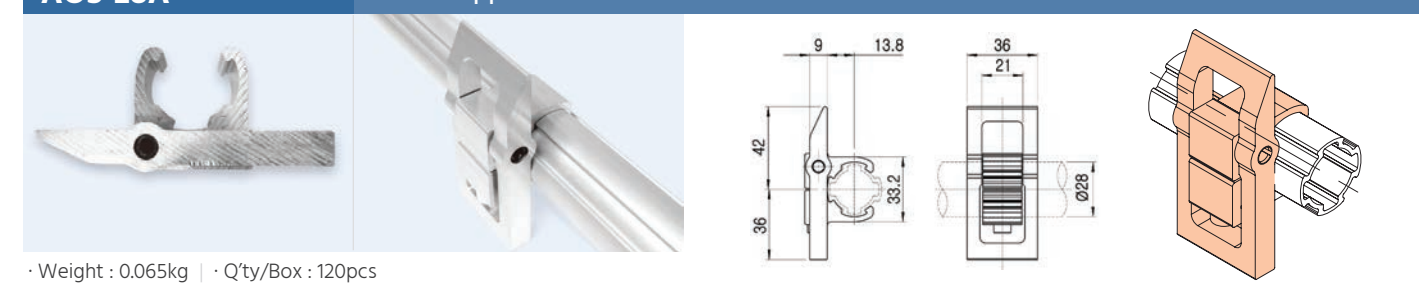
※ Round Pipe (included Coated Pipe & Stainless Pipe) Adaptor Joint between Round Pipe and Standard Aluminum Pipe(Profiled)

HG-143 BK/PG Hand Grip



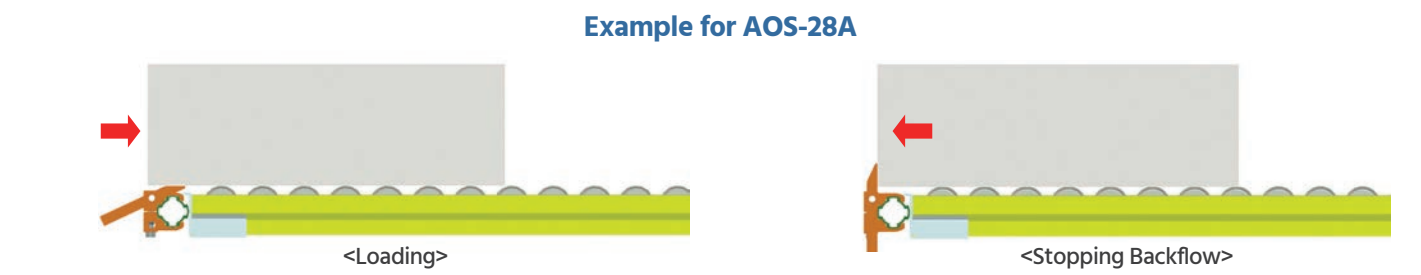
Weight : 0.068kg | Q'ty/Box : 150pcs | Color : Black / Gray

AOS-28A Back Stopper



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

Example for AOS-28A



<Loading> <Stopping Backflow>

ANP-01-150 AL Name Plate

· Weight : 0.075kg
· Q'ty/Box : 150pcs

· Standard Length: 4MT : ANP-01SA

LP2800 ELF Plate

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

※ Refer to the Technical Specifications Page 74

ASR-52 Slot Roller

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

· ASR-52:1pcs, GB-02:1pcs
· M6x30:1pcs, SN406:1pcs

AFU-28A/C/S AL Folding Unit

· Weight : 0.081kg

· AFU-28A : 1EA
· Weight : 0.081kg
· Q'ty/Box : 80EA

<Table for suitable Pipe >

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

ACD-B Cable Duct

· Weight : 0.177kg/m | · Q'ty/Bundle : 12pcs

· Standard Length : 4MT

NEW ASG-03 AL Sheet Guide

· Weight : 0.176kg/m | · Q'ty/Bundle : 20pcs

· Standard Length : 4MT

ASG-05 AL Sheet Guide

· Weight : 0.172kg/m | · Q'ty/Bundle : 20pcs

· Standard Length : 4MT

ADR-05 Door Rail

· Weight : 0.166kg/m | · Q'ty/Bundle : 20pcs

· Standard Length : 4MT

※Application Example: Simple door

AWM-2500A AL Wall Mount (For Ø28)

· Weight : 0.408kg/m | · Q'ty/Bundle : 10pcs

· Standard Length : 4MT

APC-01 Pipe Cover

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

APC-03 Pipe Cover

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

PRG-2805A/10A/20A/30A Pipe Roller Guide

PART NO.	"L"	Weight	Qty/Box
PRG-2805A	50mm	0.220kg	20EA
PRG-2810A	100mm	0.300kg	10EA
PRG-2820A	200mm	0.460kg	5EA
PRG-2830A	300mm	0.610kg	4EA

LRA-19 Roller For Pipe Roller Guide

- Weight : 0.017kg
- Q'ty/Box : 600pcs
- LR-19 : 1EA
- PB-12 : 1EA
- M4x16 : 1pcs, IN404 : 1EA
- Spring Washer : 1EA

ADT-5H Slot Adapter

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

ADT-06/08 Slot Adapter

NO	ITEM NO	"A"	"B"	Qty/Box
1	ADT-06	6.1mm	0.7mm	
2	ADT-08	7.9mm	0.7mm	




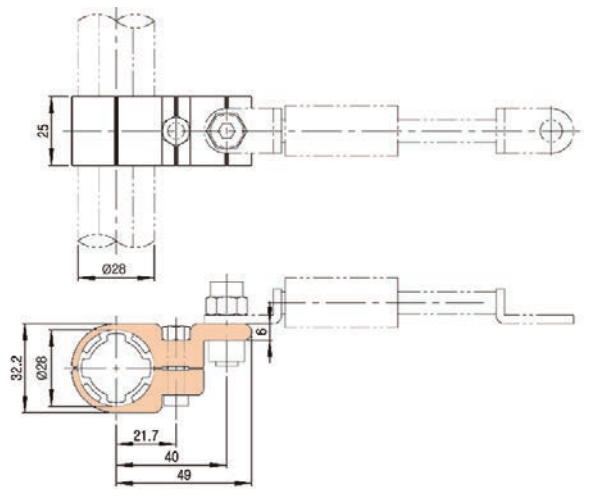
- Weight : 0.004kg
- Q'ty/Box : 1,000EA

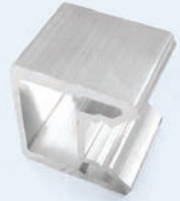

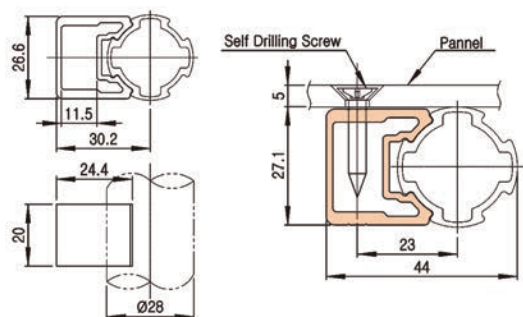
ARU-28A AL Rotary Unit


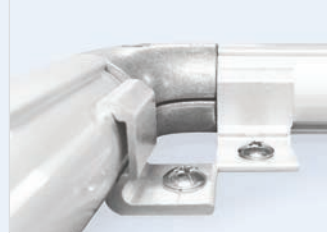
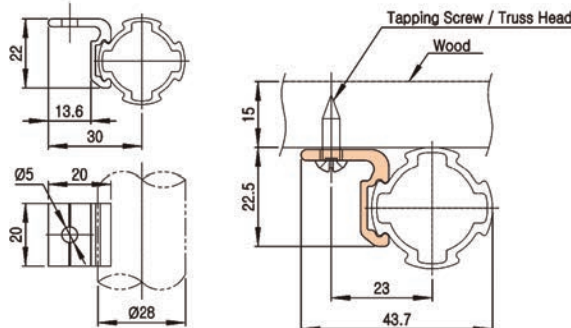
- Weight : 0.240kg
- Q'ty/Box : 40EA


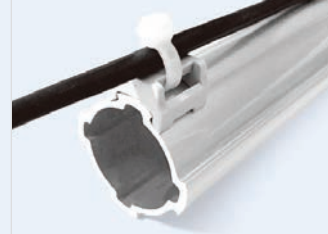
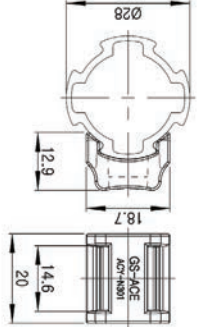
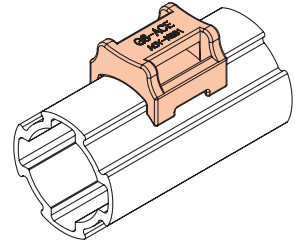
LAD-A Lifting Action Locking Device




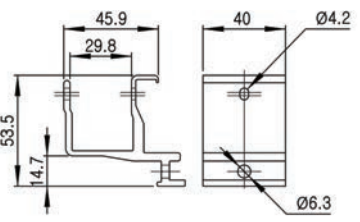
- Weight : 0.210kg
- Q'ty/Box : 40EA


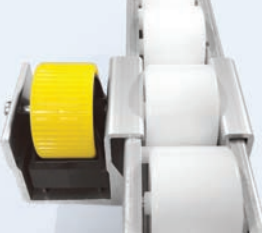

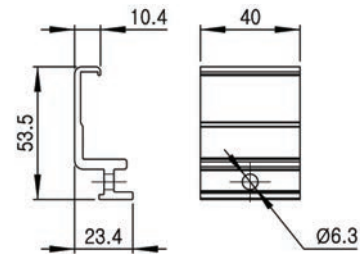
A28-A301		AL Gas Spring Bracket	
			
<ul style="list-style-type: none"> Weight : 0.027kg Qty/Box : 160EA 	<ul style="list-style-type: none"> Weight : 0.019kg Qty/Box : 160EA 	<ul style="list-style-type: none"> A28-301 A/B : 1set M0625/N06W-55 : 1set Weight : 0.056kg Qty/Box : 80set 	

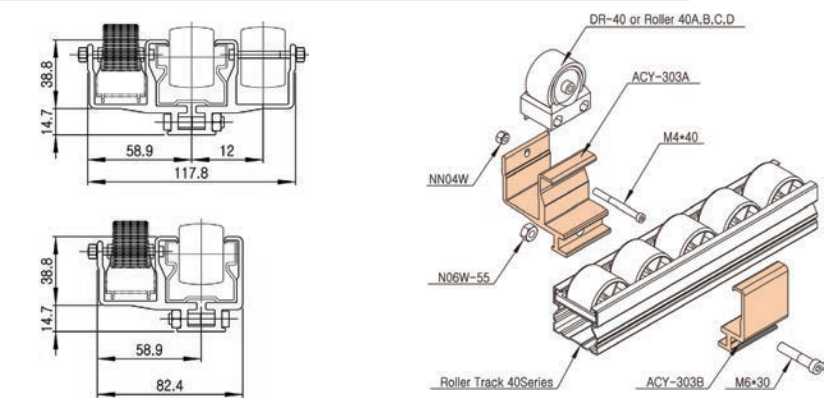
A28-N302		AL Board Support (Outside)	
			
<ul style="list-style-type: none"> Weight : 0.012kg Qty/Box : 250EA 			

A28-N303		AL Board Support (Inside)	
			
<ul style="list-style-type: none"> Weight : 0.005kg Qty/Box : 800EA 			

ACY-N301		Plastic Cable Holder	
			
<ul style="list-style-type: none"> Weight : 0.002kg Qty/Box : 3000EA 			

ACY-303A		Roller Track Guide Bracket	
			
<ul style="list-style-type: none"> Weight : 0.055kg Qty/Box : 40EA 	<ul style="list-style-type: none"> ACY-303A : 2pcs DR-40R : 2pcs M6*30/N06W-55 : 1set M4*40/NN04W : 2set 	<ul style="list-style-type: none"> ACY-303A : 2pcs Roller 40A, B, C, D : 2pcs M6*30/N06W-55 : 1set M4*40/NN04W : 2set 	

ACY-303B		Roller Track Guide Bracket	
			
<ul style="list-style-type: none"> Weight : 0.029kg Qty/Box : 80EA 	<ul style="list-style-type: none"> ACY-303A, B : 1pcs DR-40R : 1pcs M6*30/N06W-55 : 1set M4*40/NN04W : 1set 	<ul style="list-style-type: none"> ACY-303A, B : 1pcs Roller 40A, B, C, D : 1pcs M6*30/N06W-55 : 1set M4*40/NN04W : 1set 	



ACY-06A AL Wall Mount

· Weight : 0.027kg
· Qty/Box : 240EA

ACY-N304 AL Slot Adapter

· Weight : 0.013kg
· Qty/Box : 400EA

NEW ACY-A306 AL Roller Guide

· Weight : 0.083kg
· Qty/Box : 60EA

ACY-N307 AL Slot Spacer

· Weight : 0.010kg
· Qty/Box : 600EA

ACY-303A Roller Track Guide Bracket

Patent Pending

· Range of braking : 10Kgf
· Qty/Box : 6set

※ ACA-308B is sold basically

PART NO.	ACA-308A	ACA-308B	ACA-308C
Weight Size	Ø50	Ø60	Ø70
Weight (g/Set)	794g	864g	940g
Torque (gf.cm)	160~180gf.cm	280gf.cm	380~400gf.cm

Sold separately

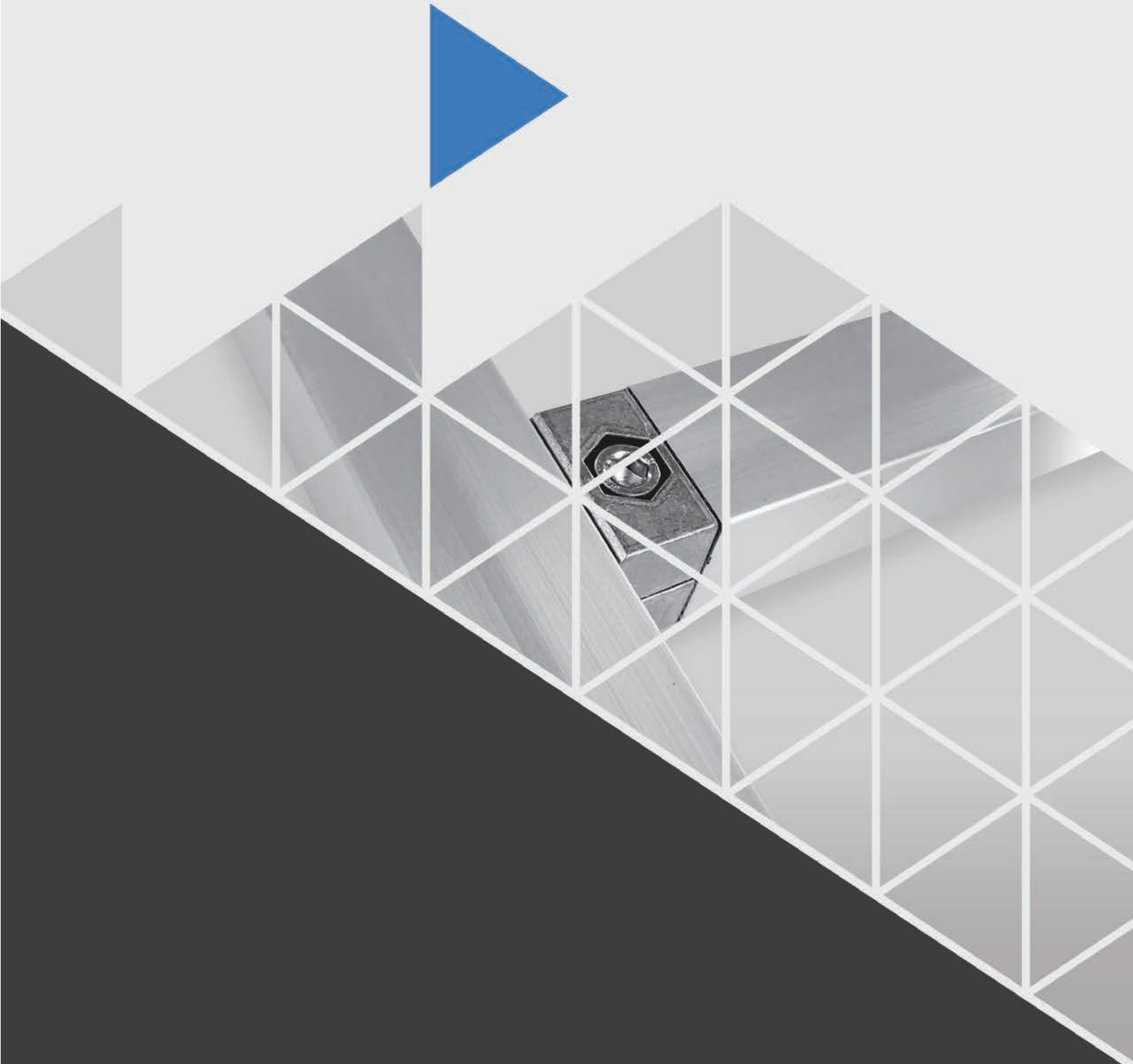
W-50	W-60	W-70
Ø50 (75g)	Ø60 (110g)	Ø70 (148g)

EXAMPLE FOR DECELERATOR

<STS & Coated Pipe (Ø28) >

<Aluminum Pipe >

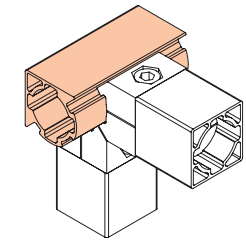
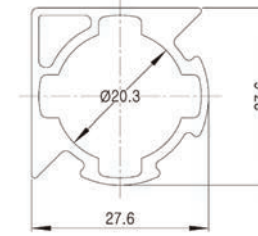
28 X 28 ALUMINUM RACKING SYSTEM



* Surface Treatment - PE-Coating

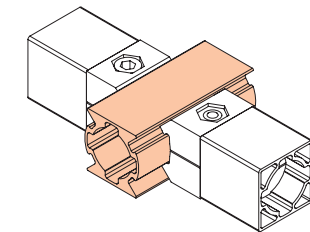
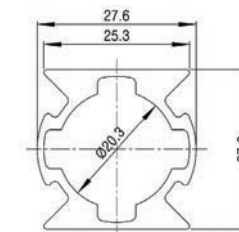
※ Refer to the Technical Specifications Page72

NEW ASQ2812A 90 Degree 2-way linking square pipe type



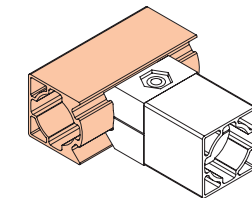
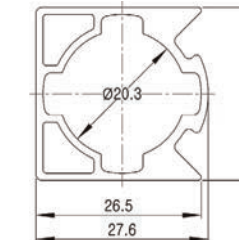
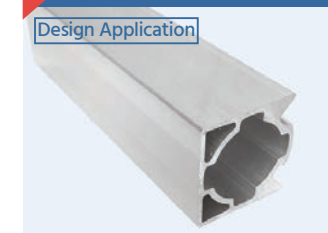
· Weight : 0.566kg/m | · Q'ty/Bundle : 8EA

NEW ASQ2812B 180 Degree 2-way linking square pipe type



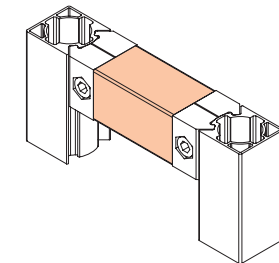
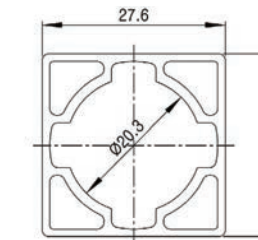
· Weight : 0.665kg/m | · Q'ty/Bundle : 8EA

NEW ASQ2812C 1-way linking square pipe type



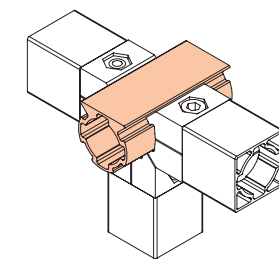
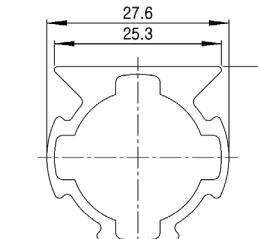
· Weight : 0.591kg/m | · Q'ty/Bundle : 8EA

NEW ASQ2812D Square pipe to prevent foreign particles from entering



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

NEW ASQ2812E 3-way linking square pipe



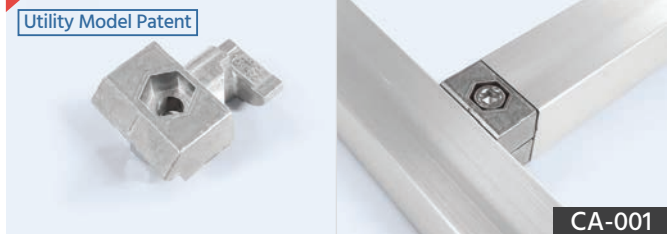
· Weight : 0.522kg/m | · Q'ty/Bundle : 8EA

28 X 28 RACKING SYSTEM
28X28 ALUMINUM PIPE

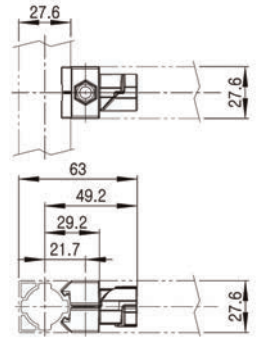
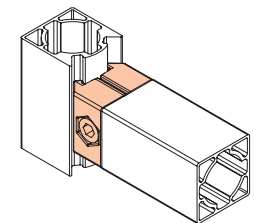
Unit : mm

NEW C-001 Square Joint for Ø28

Utility Model Patent



CA-001


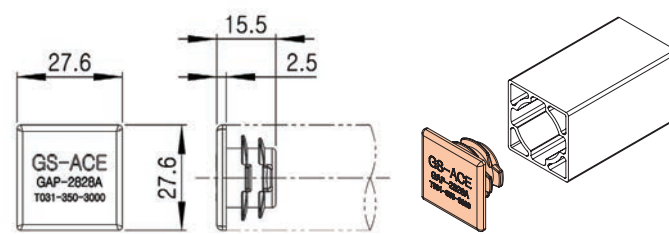



· Weight : 0.027kg
· Q'ty/Box : 240EA

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

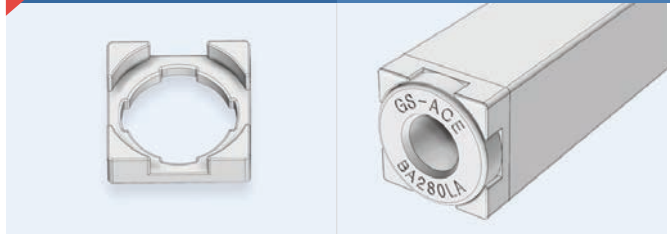
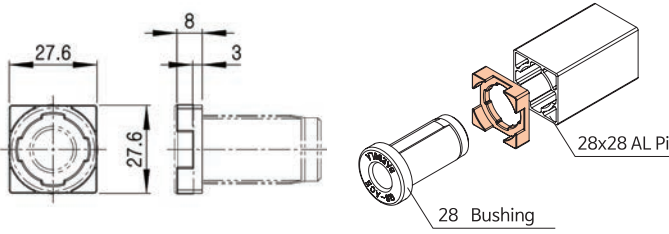
※ Recommend that the pipe linking with the joints are calculated by floating 30mm from the center of the pipe

NEW GAP-2828A Plastic Inner Cap for 28 Square Pipe

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

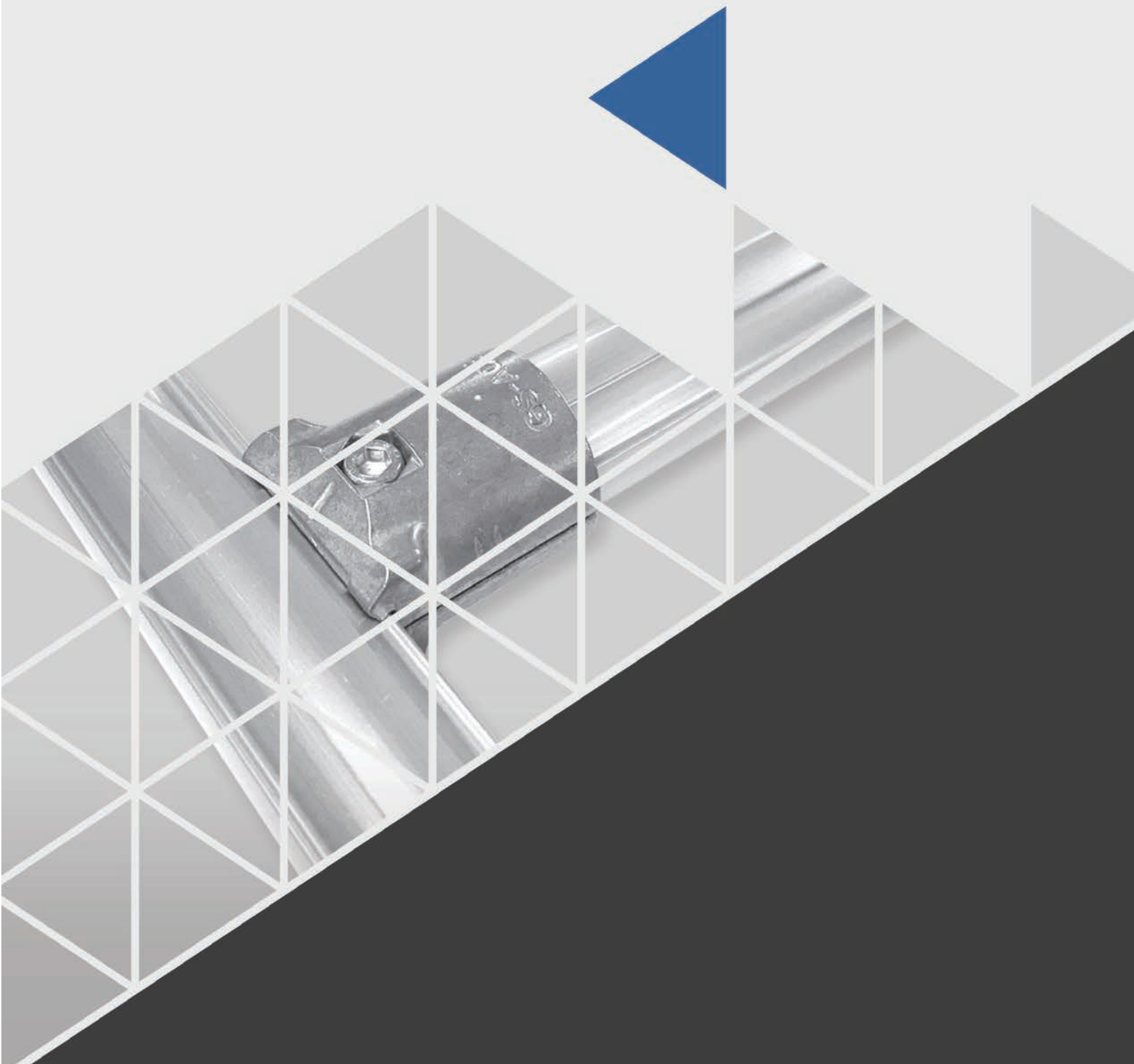
NEW GAP-2828B Plastic Bushing Cap for 28 Square Pipe

· Weight : 0.003kg
· Q'ty/Box : 1500EA



Ø33 ALUMINUM RACKING SYSTEM



28 X 28 RACKING SYSTEM

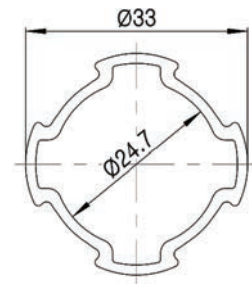
28X28 ALUMINUM JOINT & ACCESSORIES

ADVANCED MECHATRONICS SOLUTIONS, INC

ALUMINUM PIPE

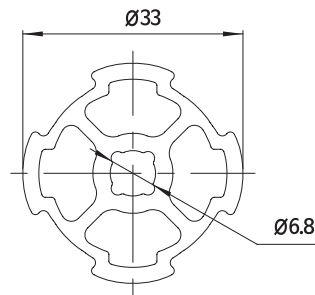
※ Refer to the Technical Specifications Page73

AP3315 Regular Duty Pipe



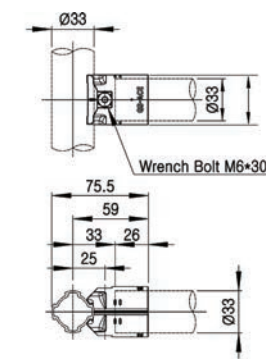
- Weight : 0.027kg
- Q'ty/Box : 240EA

AP3315H Heavy Duty Pipe

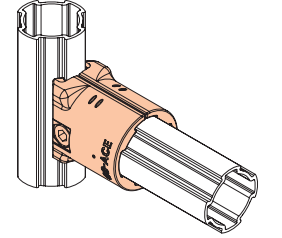


- Weight : 0.883kg/
- External Diameter Ø33

A-301 Single Tee Joint



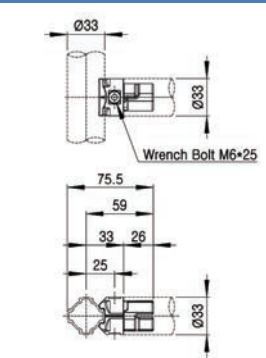
※ Aluminum Outer Joint For Ø33



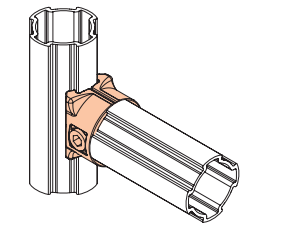
- Weight : 0.036kg
- Q'ty/Box : 120EA

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

B-301 Single Tee Joint



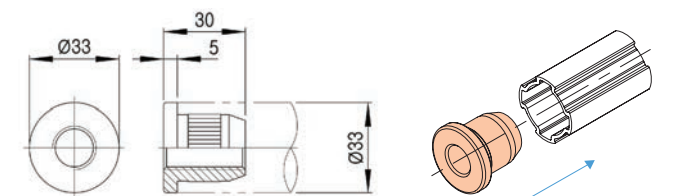
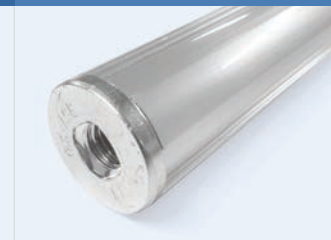
※ Aluminum Inner Joint For Ø33



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

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

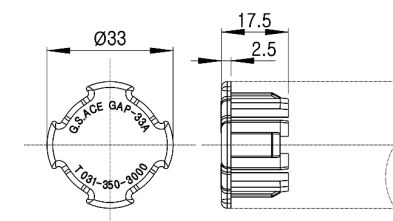
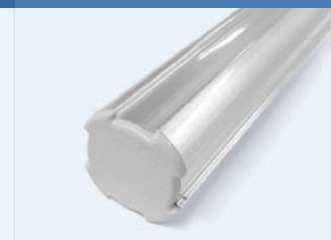
BA3300A,B,D Metal Threaded Insert



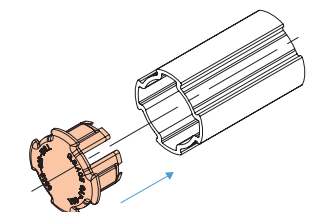
- Weight : 0.098kg
- Q'ty/Box : 160EA

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

GAP-33A Plastic Inner Cap



※ Plastic Inner Cap for Ø33

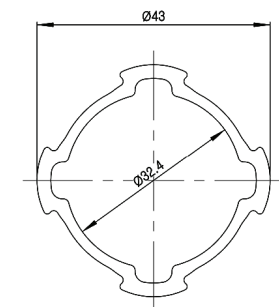
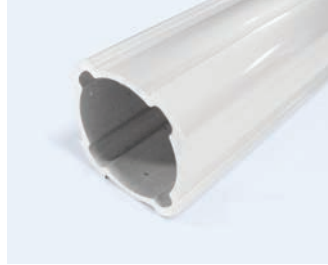


- Weight : 0.004kg
- Q'ty/Box : 1200EA

Ø43 ALUMINUM RACKING SYSTEM

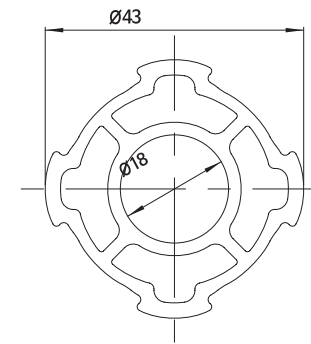
※ Refer to the Technical Specifications Page73

AP4319C Regular Duty Pipe



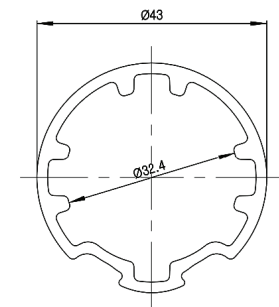
- Weight: 0.735kg/m
- External Diameter Ø43

AP4319H Extra Heavy Duty Pipe



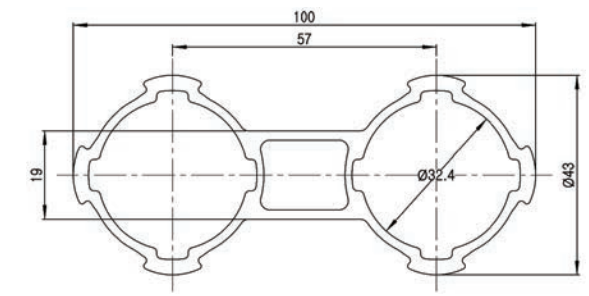
- Weight : 1.284kg/m
- External Diameter Ø43

AQ4320 Hand Rail AL Pipe



- Weight: 0.903kg/m
- External Diameter Ø43



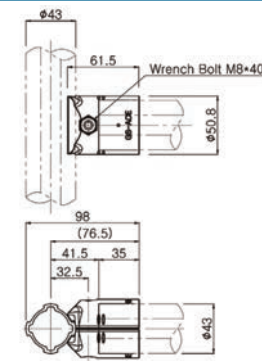
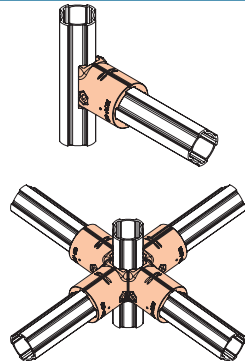
NEW AD4319 Extra Heavy Duty Pipe

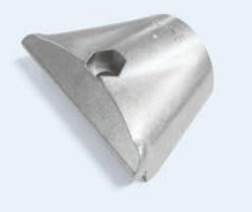

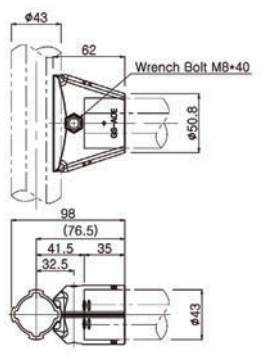
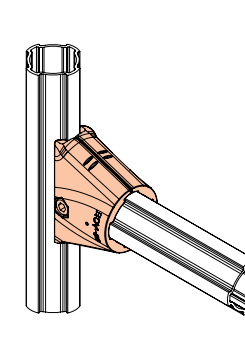




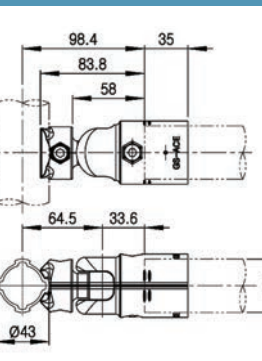
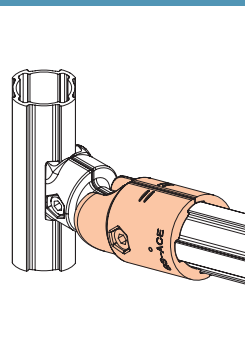
- Weight : 1.887kg/m
- External Diameter Ø43



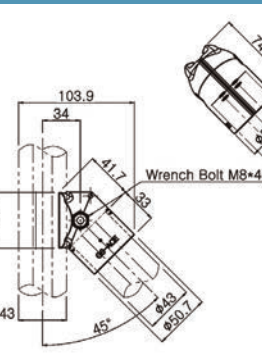
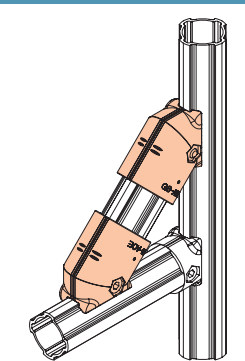
Ø43 ALUMINUM PIPE
Ø43 RACKING SYSTEM



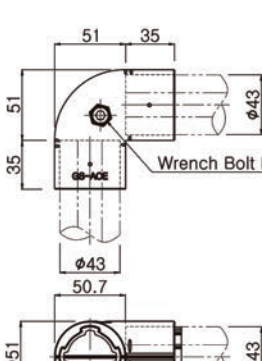
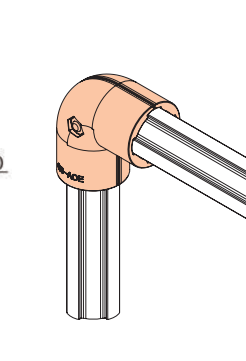
Outer Joints

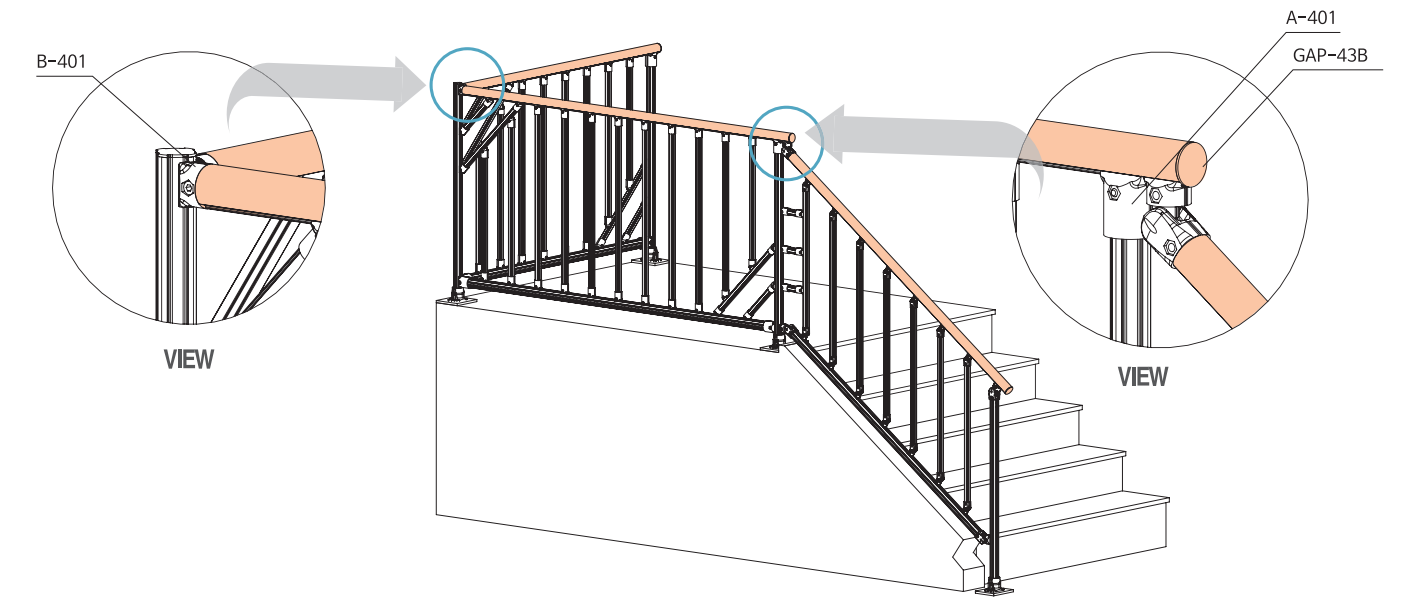
A-401	Single Tee Joint
	
<ul style="list-style-type: none"> · Weight : 0.077kg · Q'ty/Box : 60EA 	<ul style="list-style-type: none"> · A-401 : 2pcs · M0840/N08 : 1set · Weight : 0.178kg · Q'ty/Box : 30set
 	

A-401W	Single Tee Joint (Heavy Duty)
	
<ul style="list-style-type: none"> · Weight : 0.123kg · Q'ty/Box : 40EA 	<ul style="list-style-type: none"> · A-401W : 2pcs · M0840/N08 : 1set · Weight : 0.270kg · Q'ty/Box : 20set
 	

NEW A-407B	Swivel Joint (Angle Adjustable)
	
<ul style="list-style-type: none"> · Weight : 0.102kg · Q'ty/Box : 40pcs 	<ul style="list-style-type: none"> · B-407A : 2pcs · A-407B : 2pcs · M0840/N08 : 1set · M0830/N08 : 1set · Weight : 0.370kg · Q'ty/Box : 20set
 	

A-413L, A-413R	45° Joint
	
<ul style="list-style-type: none"> · Weight : 0.082kg · Q'ty/Box : 50EA 	<ul style="list-style-type: none"> · A-413L : 1pcs, A-413R : 1pcs · M0840/N08 : 1set · Weight : 0.188kg · Q'ty/Box : 25set
 	

A-490	90° Elbow Joint
	
<ul style="list-style-type: none"> · Weight : 0.131kg · Q'ty/Box : 30EA 	<ul style="list-style-type: none"> · A-490 : 2pcs · M0840/N08 : 1set · Weight : 0.286kg · Q'ty/Box : 15set
 	



Ø43 ALUMINUM JOINTS



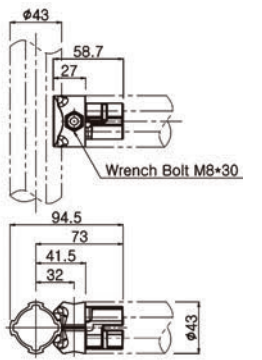
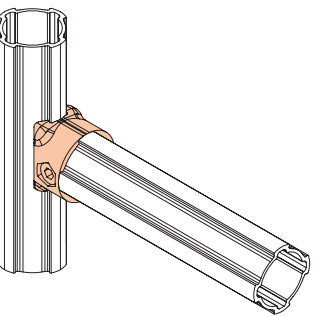
Ø43 RACKING SYSTEM


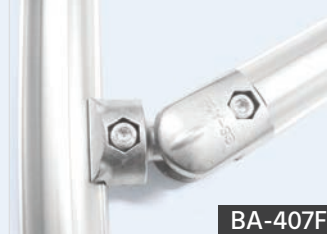
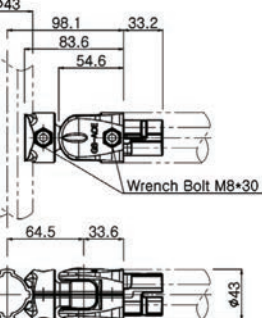
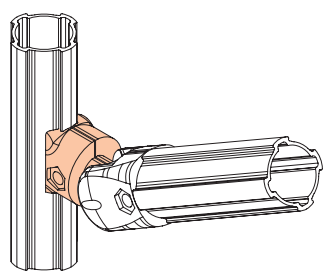
ADVANCED MECHATRONICS SOLUTIONS, INC



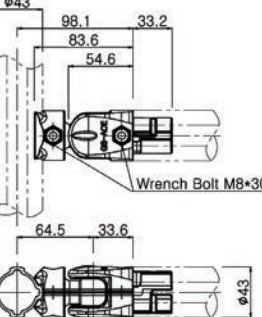
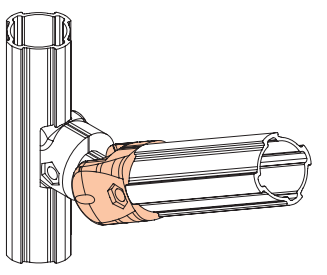
Ø43 ALUMINUM JOINTS



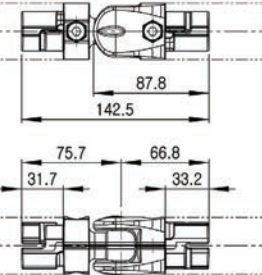
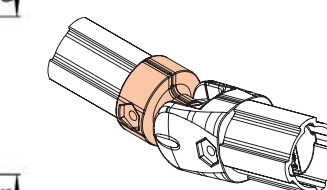
Ø43 RACKING SYSTEM



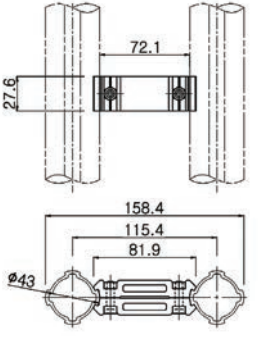
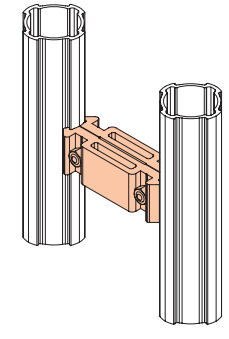
Inner Joints



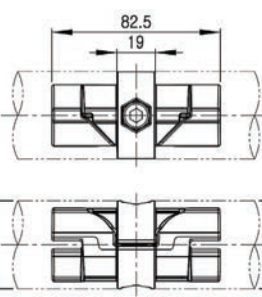
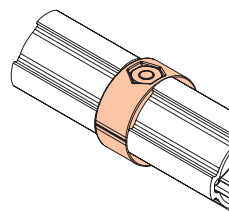
B-401	Single Tee Joint
 <ul style="list-style-type: none"> Weight : 0.061kg Q'ty/Box : 100EA 	 <p>BA-401</p> <ul style="list-style-type: none"> B-401 : 2pcs M0830/N08 : 1set Weight : 0.143kg Q'ty/Box : 50set  


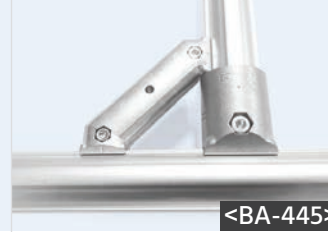
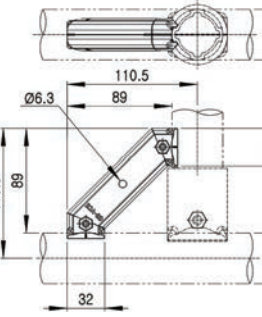
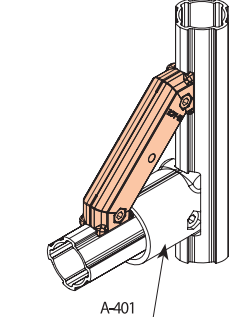
B-407A	Swivel Joint(Angle Adjustable)
 <ul style="list-style-type: none"> Weight : 0.049kg Q'ty/Box : 120EA 	 <p>BA-407F</p> <ul style="list-style-type: none"> B-407A : 2pcs, B-407B : 2pcs M0830/N08 : 2set Weight : 0.306kg Q'ty/Box : 20set  


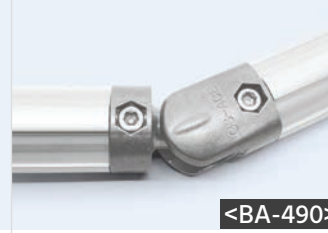
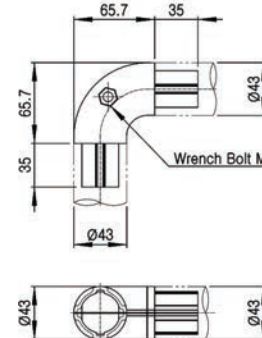
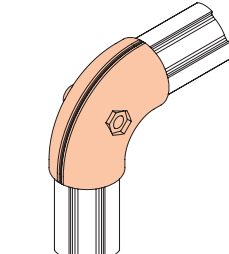
B-407B	Swivel Joint (Angle Adjustable)
 <ul style="list-style-type: none"> Weight : 0.083kg Q'ty/Box : 60EA 	 <p>AA-407F</p> <ul style="list-style-type: none"> B-407A : 2pcs, B-407B : 2pcs M0830/N08 : 2set Weight : 0.306kg Q'ty/Box : 20set  

B-407C	Swivel Joint(Angle Adjustable)
 <ul style="list-style-type: none"> Weight : 0.070kg Q'ty/Box : 60pcs 	 <p>BA-427F</p> <ul style="list-style-type: none"> B-407B : 2pcs, B-407C : 2pcs M0830/N08 : 2set Weight : 0.306kg Q'ty/Box : 20set  

B-411	Parallel Joint
 <ul style="list-style-type: none"> Weight : 0.051kg Q'ty/Box : 100EA 	 <p>BA-411</p> <ul style="list-style-type: none"> B-411 : 2pcs M0620/N06W-55 : 2set Weight : 0.120kg Q'ty/Box : 50set  

NEW B-444	Straight Connector Joint
 <ul style="list-style-type: none"> Weight : 0.086kg Q'ty/Box : 60pcs 	 <p>BA-444</p> <ul style="list-style-type: none"> B-444 : 2pcs M0830/N08 : 2set Weight : 0.140kg Q'ty/Box : 30set  

B-445	Corner Joint
 <ul style="list-style-type: none"> Weight : 0.060kg Q'ty/Box : 60EA 	 <p><BA-445></p> <ul style="list-style-type: none"> B-445 : 2pcs M0620/N06W-55 : 1set Weight : 0.135kg Q'ty/Box : 30set  

B-490	90° Elbow Joint
 <ul style="list-style-type: none"> Weight : 0.126kg Q'ty/Box : 30EA 	 <p><BA-490></p> <ul style="list-style-type: none"> B-490 : 2pcs M0830/N08 : 1set Weight : 0.271kg Q'ty/Box : 15set  

Ø43 ALUMINUM JOINTS

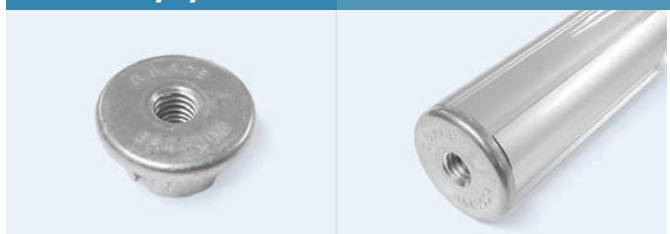
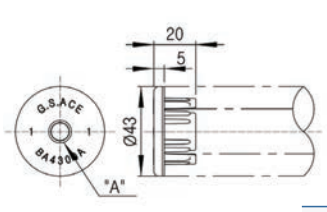
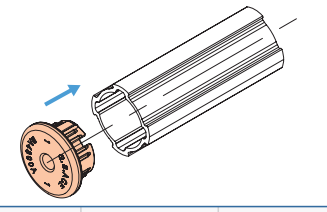
Ø43 RACKING SYSTEM

ADVANCED MECHATRONICS SOLUTIONS, INC

Ø43 ALUMINUM JOINTS

Ø43 RACKING SYSTEM


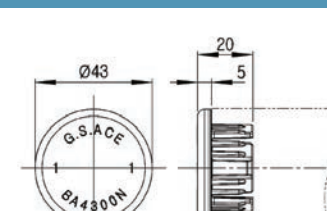
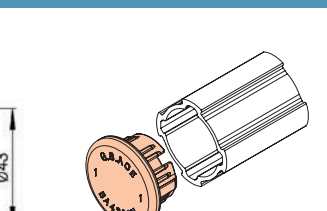
BA4300A/B/D AL Threaded Insert

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


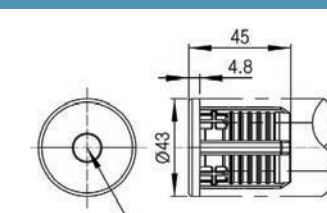
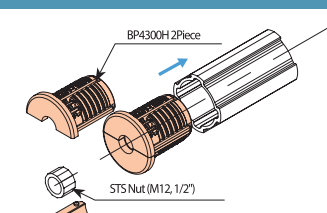
· Weight : 0.032kg
· Q'ty/Box : 150EA

NEW BA4300N AL Cap


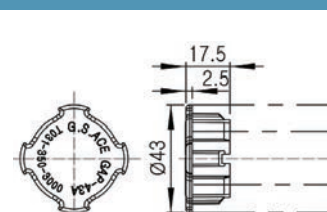
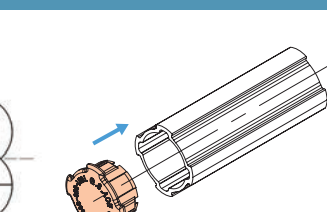
· Weight : 0.034kg | · Q'ty/Box : 150pcs

BP4300H AL Plastic Thread Insert


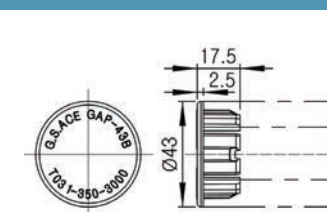
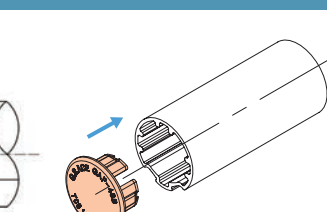
· Weight : 0.014kg | · Q'ty/Box : 800EA · BP4300H : 2pcs, STS Nut : 1pcs

GAP-43A Plastic Inner Cap


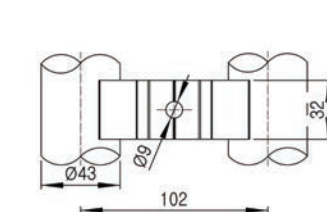

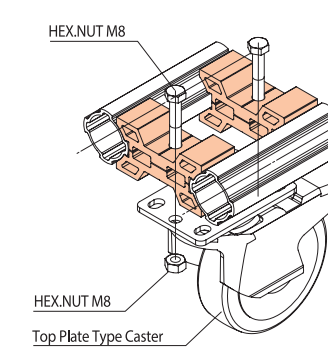
· Weight : 0.005kg | · Q'ty/Box : 600EA

GAP-43B Plastic Round Inner Cap


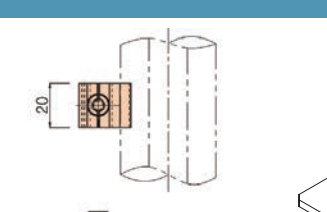

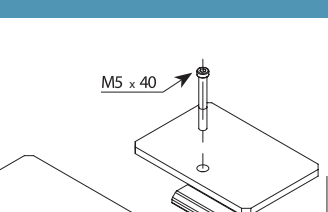
· Weight : 0.007kg | · Q'ty/Box : 600EA

ACM-600 AL Caster Mount

· Weight : 0.068kg
· Q'ty/Box : 60EA


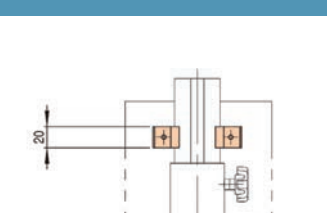

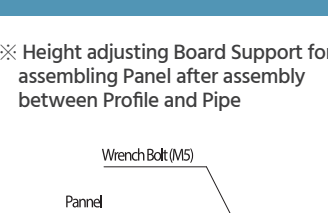
ABS-4320A Board Support

· Weight : 0.020kg
· Q'ty/Box : 200EA

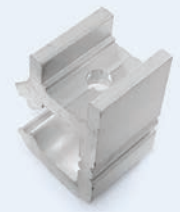

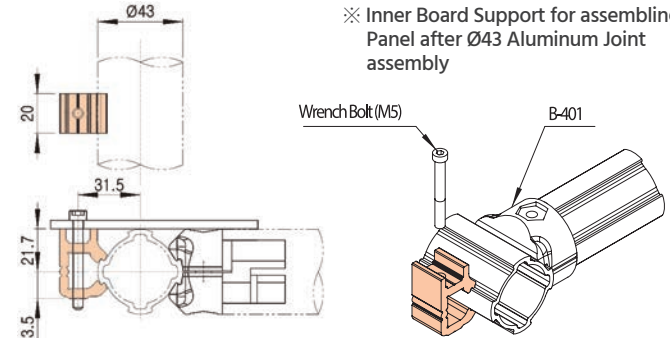
· ABS-4320A : 1pcs, APC-01 : 1pcs
· M0540 : 1pcs



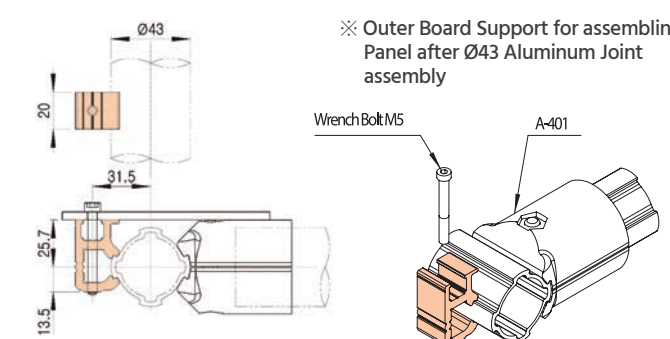
ABS-4320C Board Support



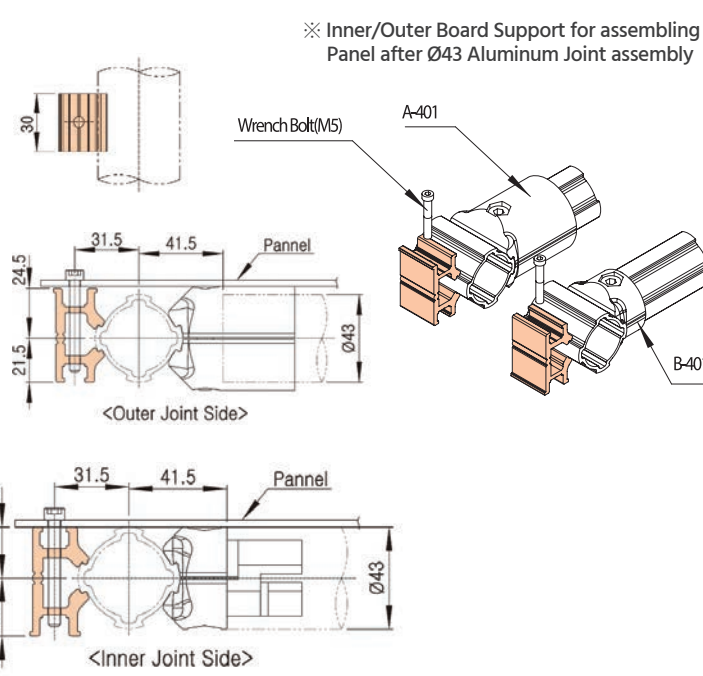






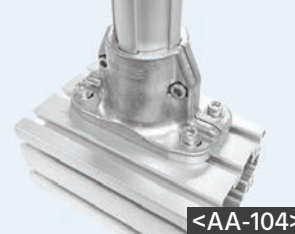
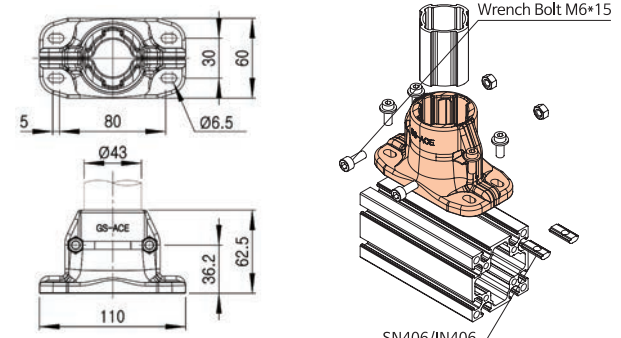
· Weight : 0.019kg
· Q'ty/Box : 200EA



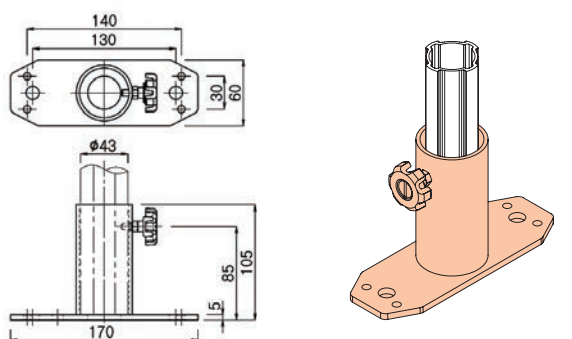
※ Height adjusting Board Support for assembling Panel after assembly between Profile and Pipe



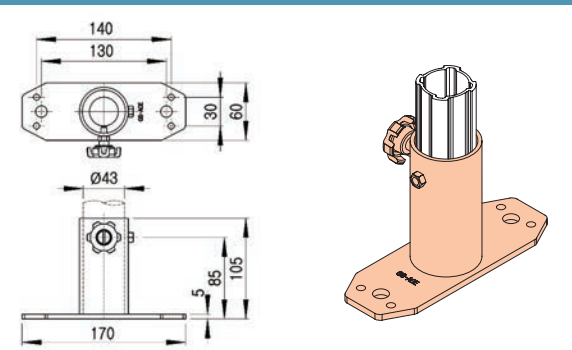
ABS-4320D	Board Support
 <ul style="list-style-type: none"> Weight : 0.020kg Q'ty/Box : 200EA 	  <p>※ Inner Board Support for assembling Panel after Ø43 Aluminum Joint assembly</p>



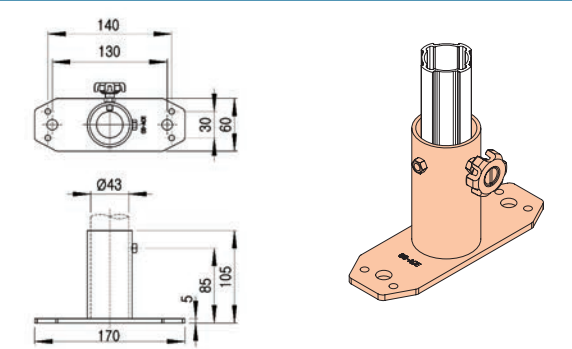
ABS-4320E	Board Support
 <ul style="list-style-type: none"> Weight : 0.022kg Q'ty/Box : 200EA 	  <p>※ Outer Board Support for assembling Panel after Ø43 Aluminum Joint assembly</p>



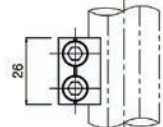
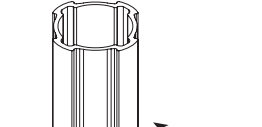

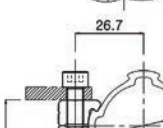
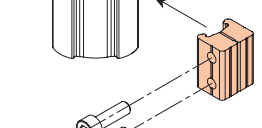
ABS-0530	Board Support
 <ul style="list-style-type: none"> Weight : 0.037kg Q'ty/Box : 100EA 	  <p>※ Inner/Outer Board Support for assembling Panel after Ø43 Aluminum Joint assembly</p>



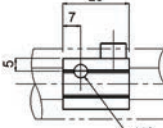
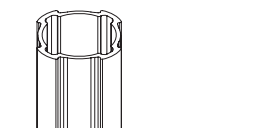

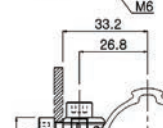
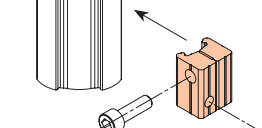
A-104	Profile Joint
 <ul style="list-style-type: none"> Weight : 0.102kg Q'ty/Box : 20EA 	  <p><AA-104></p> <ul style="list-style-type: none"> A-104 : 2pcs M0615/N06W-55 : 2set Weight : 0.219kg Q'ty/Box : 10set



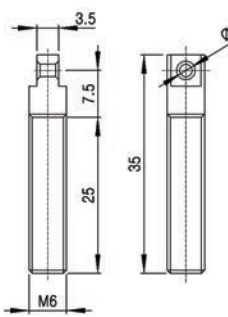
AD-SM43A	Stanchion Mount Single
 <ul style="list-style-type: none"> Weight : 0.680kg Q'ty/Box : 40EA 	  <p><ADA-SM43A></p> <ul style="list-style-type: none"> AD-SM43A : 1pcs HM0615 : 1pcs Weight : 0.680kg Q'ty/Box : 40EA

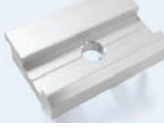

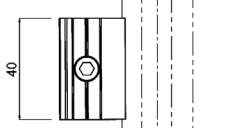
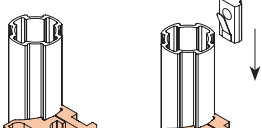
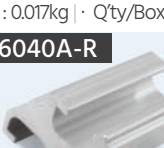
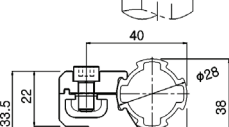
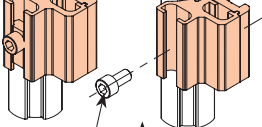
AD-SM43L	Stanchion Mount Single-Left
 <ul style="list-style-type: none"> Weight : 0.680kg Q'ty/Box : 40EA 	  <p><ADA-SM43L></p> <ul style="list-style-type: none"> AD-SM43L : 1pcs HM0615 : 1pcs Weight : 0.680kg Q'ty/Box : 40EA



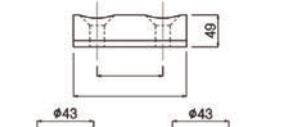
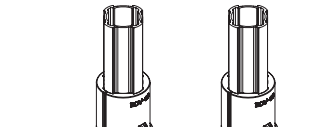
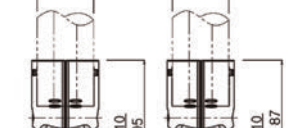
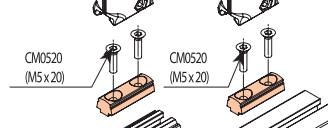
AD-SM43R	Stanchion Mount Single-Right
 <ul style="list-style-type: none"> Weight : 0.680kg Q'ty/Box : 40EA 	  <p><ADA-SM43R></p> <ul style="list-style-type: none"> AD-SM43R : 1pcs HM0615 : 1pcs Weight : 0.680kg Q'ty/Box : 40EA




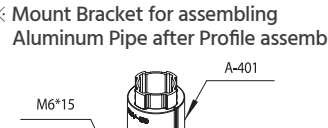
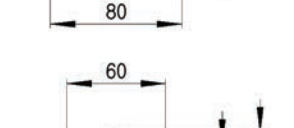
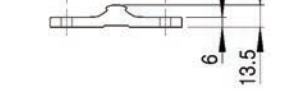
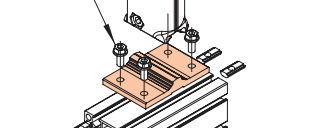
<p>ACPA-H6026A AL Connector Piece</p> <p>ACP-H6026A-L</p> 			
<p>ACP-H6026A-R</p> 	<p><ACPA-H6026A></p> <p>· Weight : 0.007kg · Q'ty/Box : 800EA</p> <p>· ACP-H6026A-L/R : 1set · M0630 : 2pcs · Q'ty/Box : 300EA</p>		



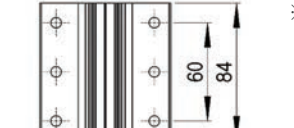
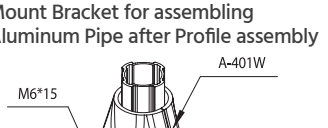
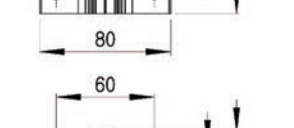

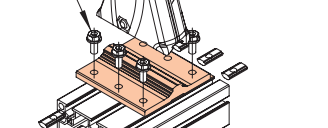
<p>ACPA-V6026A AL Connector Piece</p> <p>ACP-V6026A-L</p> 			
<p>ACP-V6026A-R</p> 	<p><ACPA-V6026A></p> <p>· Weight : 0.007kg · Q'ty/Box : 800EA</p> <p>· ACP-V6026A-L/R : 1set · M0625 : 2pcs · Q'ty/Box : 300EA</p>		


<p>SPS-0635 Spring Shaft</p> 		<p><ACPS-H6026A></p> <p>· Weight : 0.008kg · Q'ty/Box : 4000EA</p> <p>· ACP-H6026A-L/R : 1set · SPS-0635 : 1pcs · M0625/N06-55 : 1set · Weight : 0.034kg · Q'ty/Box : 300EA</p>	<p>※ Shaft for hanging Spring</p>  <p>Spring SPS-0635 M6 Nut</p>
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<p>ACHA-6040A AL Component Holder</p> <p>ACH-6040A-L</p> 			
<p>ACH-6040A-R</p> 	<p><ACHA-6040A></p> <p>· Weight : 0.017kg · Q'ty/Box : 400EA</p> <p>· ACH-6040A-L/R : 1set · M0612 : 1pcs, SN406 : 1pcs · Q'ty/Box : 75EA</p>		

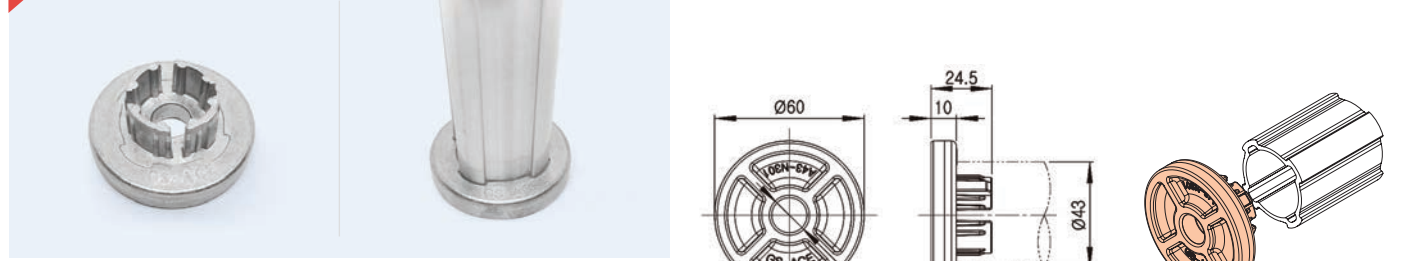
<p>ADT-5043A Slot Adapter</p> 			
<p>· Weight : 0.014kg · Q'ty/Box : 600EA</p>	<p>· ADT-5043A : 1pcs · CM0520 : 1pcs, SN405 : 1pcs</p>		

<p>AMB-0654 Mount Bracket</p> 			<p>※ Mount Bracket for assembling Aluminum Pipe after Profile assembly</p>  <p>M6*15 A-401 SN406/IN406</p>
<p>· Weight : 0.083kg · Q'ty/Box : 100EA</p>			

<p>AMB-0684 Mount Bracket</p> 			<p>※ Mount Bracket for assembling Aluminum Pipe after Profile assembly</p>  <p>M6*15 A-401W SN406/IN406</p>
<p>· Weight : 0.129kg · Q'ty/Box : 50EA</p>			

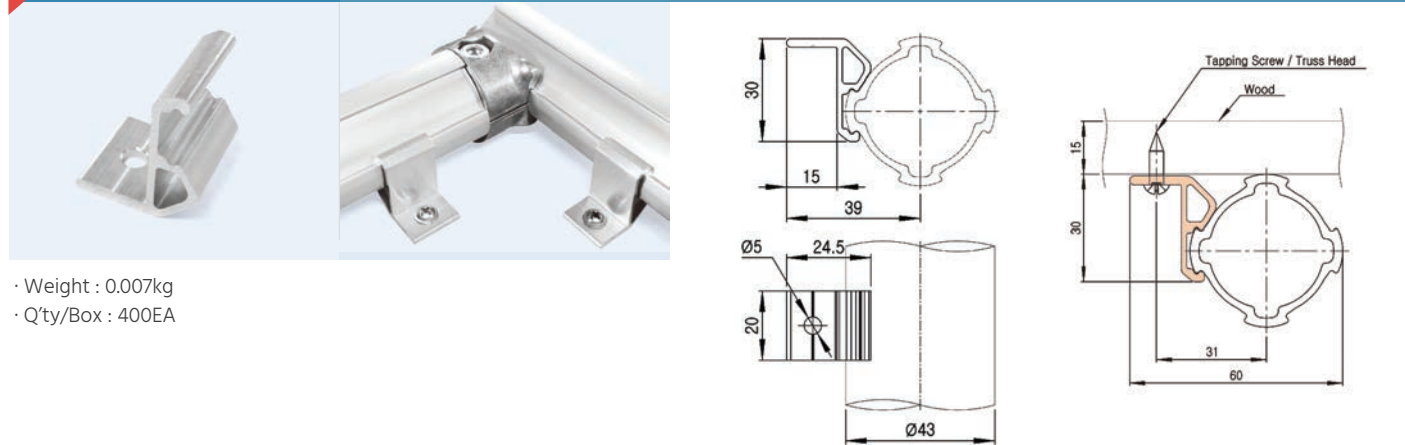
<p>ASG-4305 AL Sheet Guide for Ø43</p> 			<p>※ AL Sheet Guide for Ø43</p>  <p>ST Panel ASG-4305</p>
<p>· Weight : 0.956kg/m · Q'ty/Bundle : 20pcs</p>	<p>· Standard Length: 4MT</p>		

NEW A43-N301 Aluminum Stanchion Mount



· Weight : 0.034kg
· Qty/Box : 150pcs

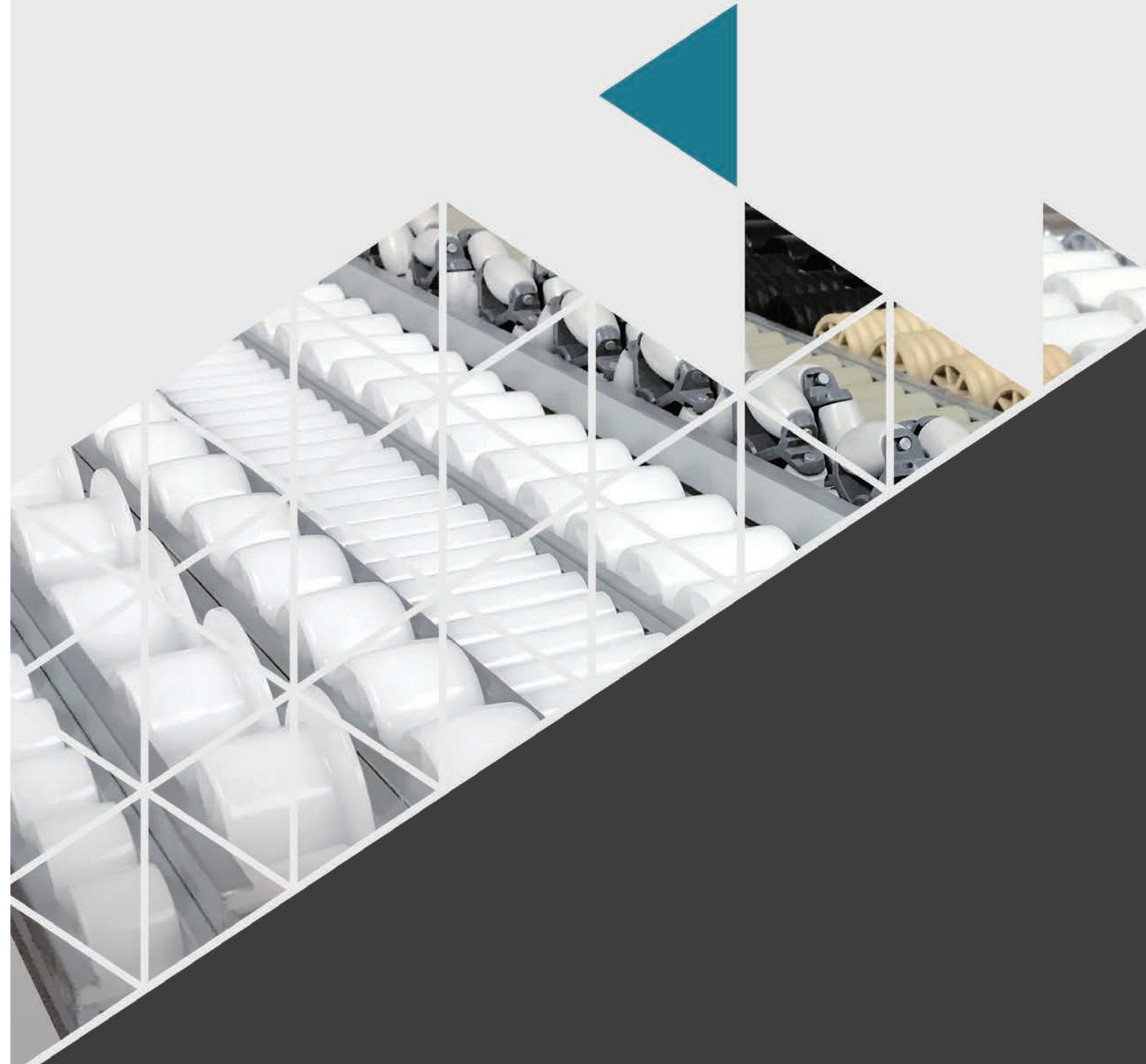
NEW A43-N303 Board Support for Ø43



· Weight : 0.007kg
· Qty/Box : 400EA

AL ROLLER TRACKS

Silent Roller Track



ROLLER TRACK NUMBERING SYSTEM

Unit : mm

GPR 40 36 A

SERIES/FRAME SIZE
PITCH
ROLLER TYPE

<p>A:ROUND B:FLAT C:FLANGE SR:STS COVERED ROLLER</p>	<p>D:LARGE HA:TAPER</p>	<p>M:MULTI BF:FLEXIBLE S:SLIM</p>	<p>ROLLER COLOR</p> <p>□ WH: WHITE ■ GR: GRAY ■ BK: BLACK ■ YL: YELLOW</p>
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SPECIFICATION

Series	Part No.	Body Material (mm)	Load Capacity (mm)	Roller Diameter (mm)	Shaft Diameter (mm)	Roller Pitch (mm)	Slope >()°	Roller Color				ESD		Standard Length
								WH	GR	BK	YL	BK	GR	

SILENT ROLLER TRACK

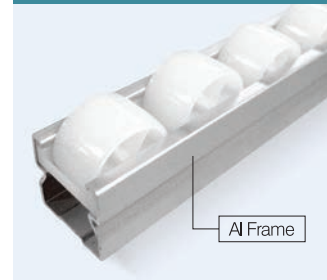
25 Series	GPR2528A	AL	60	Ø25	Ø3	28.57	1.5°	○	○	○	○	○	○	3MT/4MT
	GPR4040A	AL	150	Ø34	Ø4	40	2.0°	○	○	○	○	○	○	3MT/4MT
40 Series	GPR4040B			Ø49		55		○	○	○	○			
	GPR4055C			Ø34		40		○	○	○	○			
60 Series	GPR4040SR	AL	100	Ø15	Ø4	16.67	2.5°	○	○	○	○	○	3MT/4MT	
	GPR6016S			Ø30		33.33		○	○	○	○			
	GPR6033B			Ø30		33.33		○	○	○	○			
70 Series	GPR6033HA	AL	150	Ø34	Ø5	42	3.5°	○	○	○	○	○	3MT/4MT	
	GPR7042B			Ø17.6		21		-	○	○	○			
	GPR7042BF			AL		200		Ø20.5	Ø3.5	22.5	1.5°	○		○
GPR7021BFS-2	Ø40	45	○		○		○	○						
85 Series	GPR8523S	AL	300	Ø43	Ø5	66.7	3.0°	○	○	○	○	○	2MT	
	GPR8545B			Ø43		21		-	○	○	○	○		
	GPR8545HA			AL		250		Ø17.6	Ø5	21	-	○		○
GPR8545SR	Ø43	21	-		○		○	○		○				
100 Series	GPR1021BFS	AL	250	Ø17.6	Ø5	21	-	○	○	○	○	○	2MT/3MT	

UNIVERSAL ROLLER TRACK

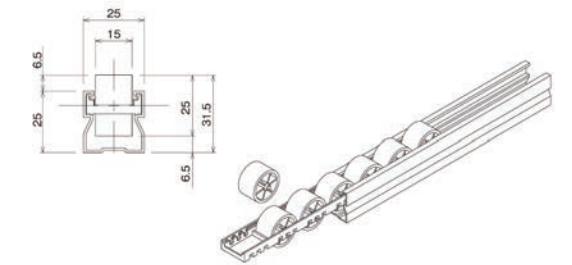
40 Series	UR4050	AL	100	Ø43	Ø4	50	2.5°	○	○	○	○	○	3MT
60 Series	UR6067		200	Ø60	Ø5	66.7	3.0°	○	○	○	○	○	2MT

GPR2528A-AL

Silent Roller, Pitch: 28.6

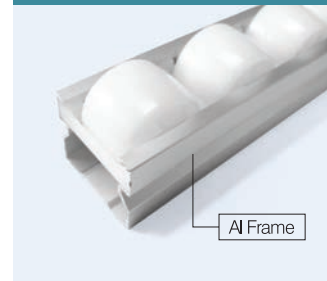


Material	Body : Aluminum Roller : PE
Q'ty/Bundle	10ea

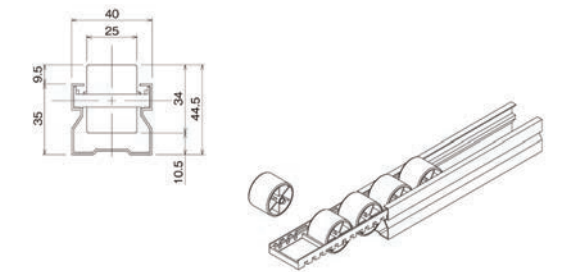


GPR4040A/B-AL

Silent Roller, Pitch: 40

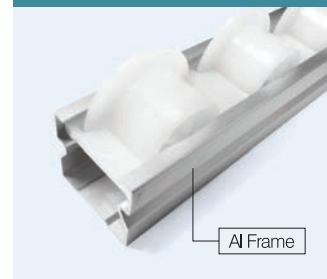


Material	Body : Aluminum Roller : PE
Q'ty/Bundle	10ea

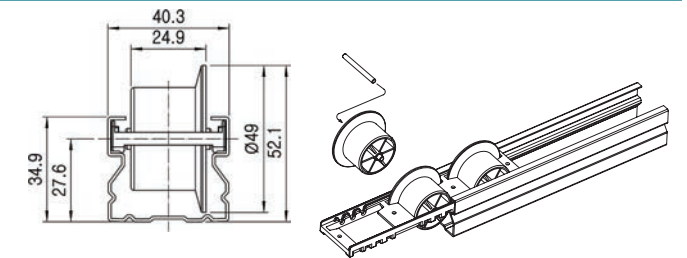


GPR4055C-AL

Silent Roller, Pitch: 55

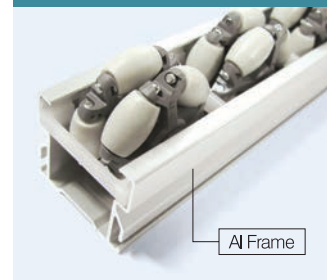


Material	Body : Aluminum Roller : PE
Q'ty/Bundle	10ea

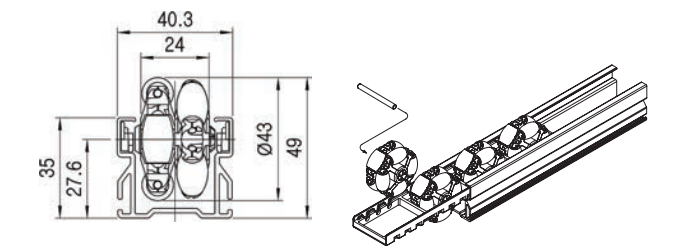


UR4050-AL

Universal Roller, Pitch: 50

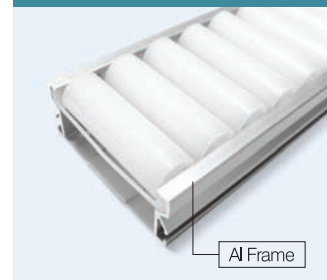


Material	Body : Aluminum Roller : Acetal
Q'ty/Bundle	6ea

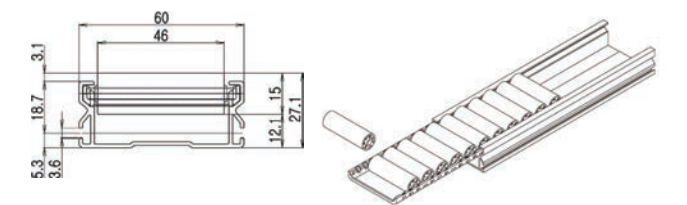


GPR6016S-AL

Silent Roller, Pitch: 16

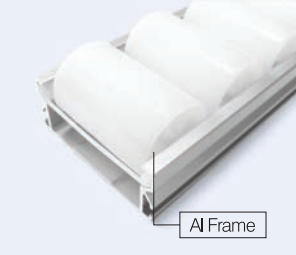


Material	Body : Aluminum Roller : PE
Q'ty/Bundle	6ea

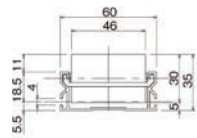
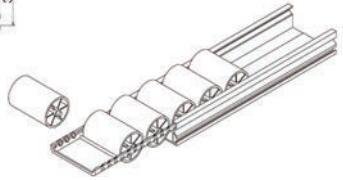


Unit : mm

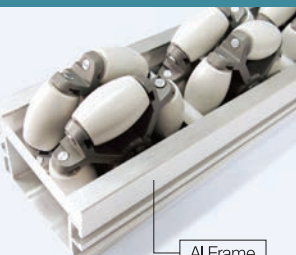
GPR6033B-AL Silent Roller, Pitch: 33



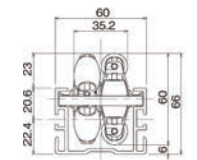
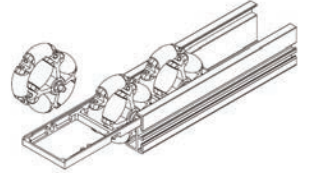
Material	Body : Aluminum Roller : PE
Q'ty/Bundle	6ea


UR6067-AL Universal Roller, Pitch:67



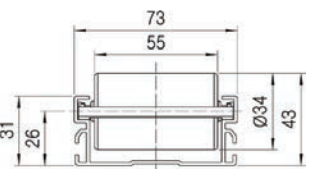
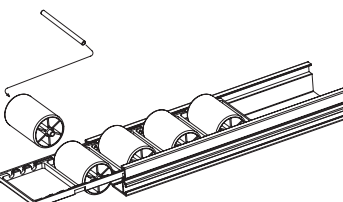
Material	Body : Aluminum Roller : Acetal
Q'ty/Bundle	4ea

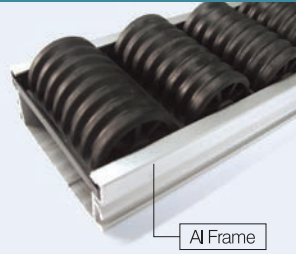
GPR7042B-AL Silent Roller, Pitch: 42



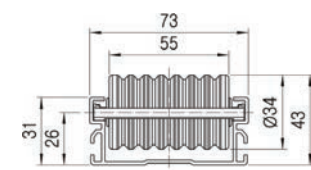
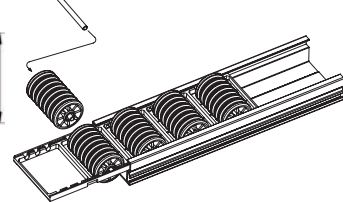
Material	Body : Aluminum Roller : PE
Q'ty/Bundle	6ea


GPR7042B-AL Silent Roller, Pitch: 42



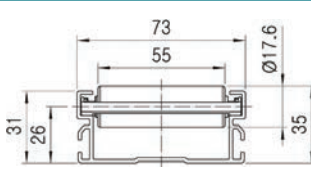
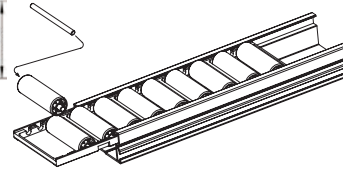
Material	Body : Aluminum Roller : Urethane, Yellow Roller : Urethane(ESD), Black
Q'ty/Bundle	6ea

GPR7021BFS-2-AL Silent Roller, Pitch: 21

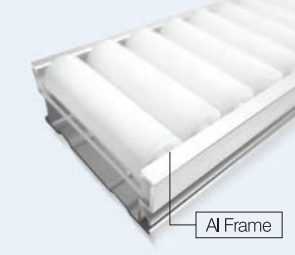


Material	Body : Aluminum Roller : Urethane
Q'ty/Bundle	6ea

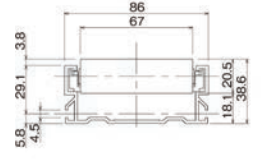
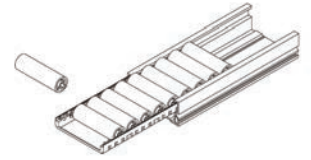



Unit : mm

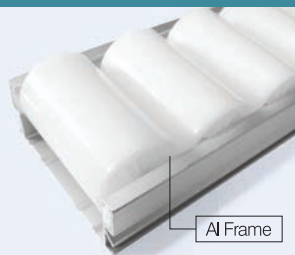
GPR8523S-AL Silent Roller, Pitch: 22.5



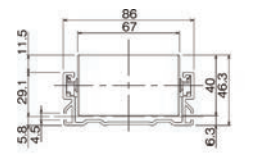
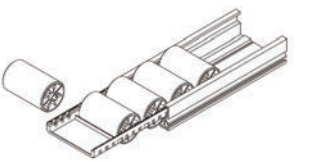
Material	Body : Aluminum Roller : PE
Q'ty/Bundle	4ea

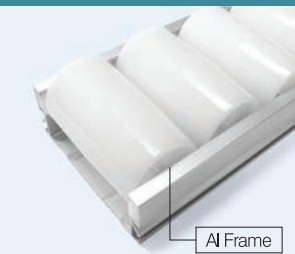
GPR8545B-AL Silent Roller, Pitch: 45



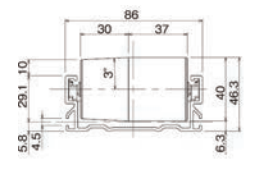
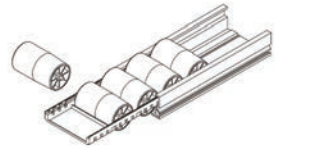
Material	Body : Aluminum Roller : PE
Q'ty/Bundle	4ea

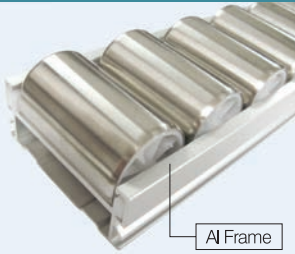
GPR8545HA-AL Silent Roller, Pitch: 45



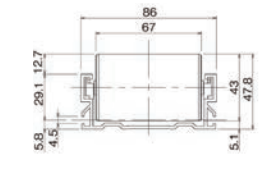
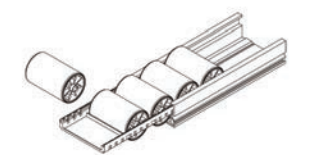
Material	Body : Aluminum Roller : PE
Q'ty/Bundle	4ea


GPR8545SR-AL Recycle STS Covered Roller Track, Pitch: 45



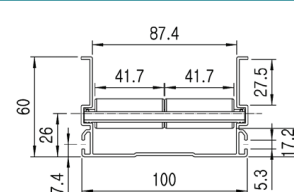
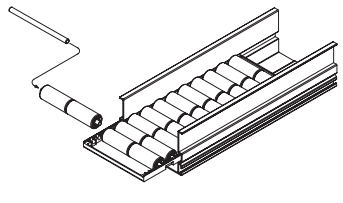
Material	Body : Aluminum Roller : STS+ PE
Q'ty/Bundle	4ea

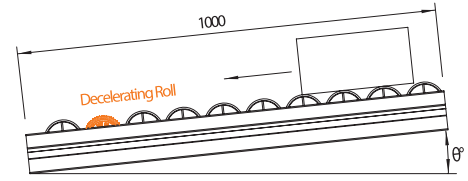
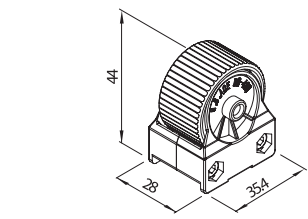
GPR1021BFS-AL Silent Roller, Pitch: 21



Material	Body : Aluminum Roller : Urethane
Q'ty/Bundle	4ea

DR-40R Decelerating Roller Unit : mm



Material	Body : Aluminum
Material	Roller : PE
Q'ty/Bundle	6ea

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	25 Kg	Roller Load =1.4Kgf/ea
2set(4ea)	-	32Kg	12Kg	9 Kg	5 Kg	

CHOICE FOR THE ROLLER TYPE

B : FLAT TYPE

※ Old box with the bent bottom will not be rolled over B Type

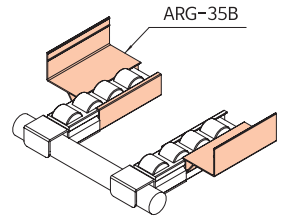
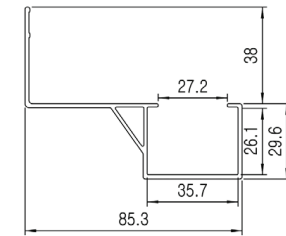
HA : TAPER TYPE

※ Old box with the bent bottom will be well-rolled over HA Type

ARG-35B Box Guide-ESD Unit : mm



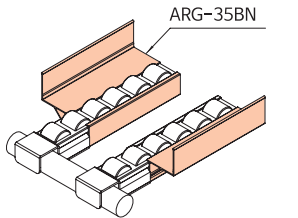
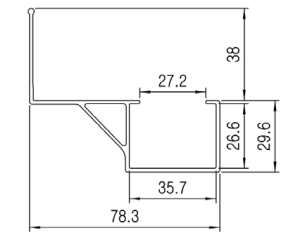
Material	Aluminum
Length	4,000mm
Weight	0.79kg/m



ARG-35BN Box Guide-ESD



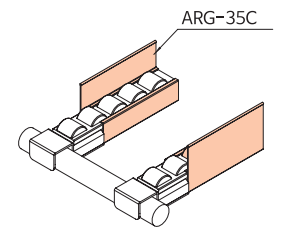
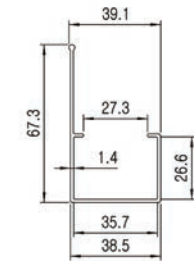
Material	Aluminum
Length	4,000mm
Weight	0.81kg/m



ARG-35C Box Guide-ESD



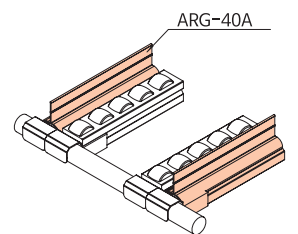
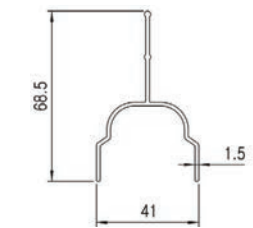
Material	Aluminum
Length	4,000mm
Weight	0.52kg/m



ARG-40A Box Guide-ESD



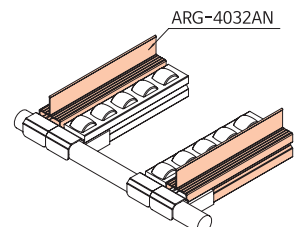
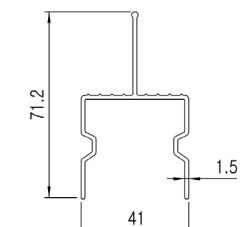
Material	Aluminum
Length	4,000mm
Weight	0.53kg/m




ARG-4032AN Box Guide-ESD



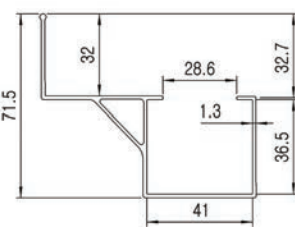
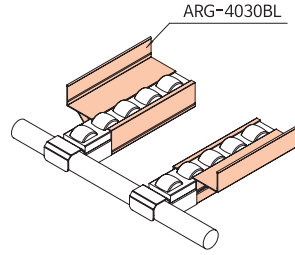
Material	Aluminum
Length	4,000mm
Weight	0.67kg/m




ARG-4030BL Box Guide-ESD Unit : mm



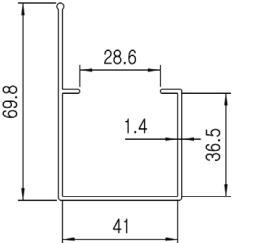
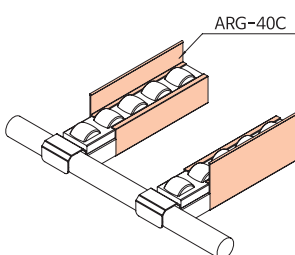
Material	Aluminum
Length	4,000mm
Weight	0.87kg/m


ARG-40C Box Guide-ESD



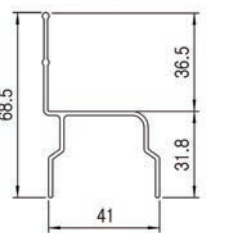
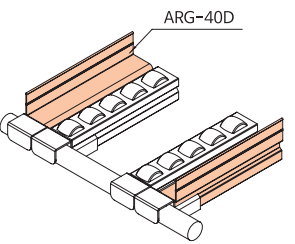
Material	Aluminum
Length	4,000mm
Weight	0.62kg/m


ARG-40D Box Guide-ESD



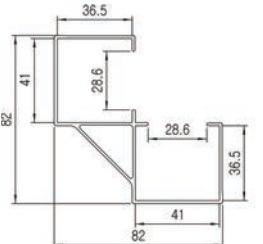
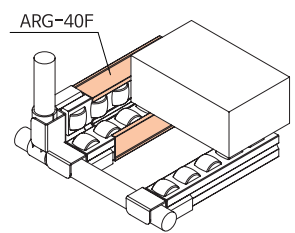
Material	Aluminum
Length	4,000mm
Weight	0.52kg/m


ARG-40F Box Guide-ESD



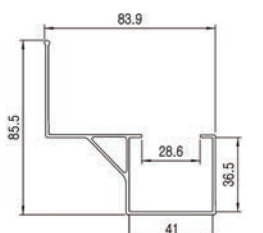
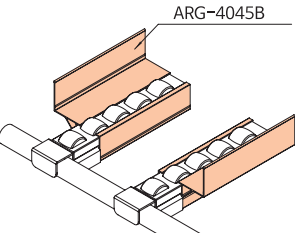
Material	Aluminum
Length	4,000mm
Weight	1.11kg/m

ARG-4045B Box Guide-ESD




Material	Aluminum
Length	4,000mm
Weight	0.91kg/m

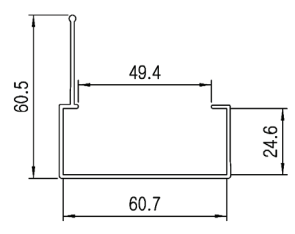
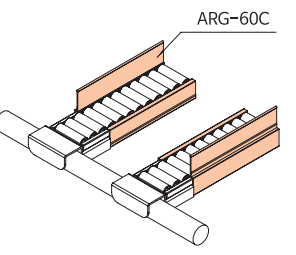



ARG-60C Box Guide- ESD Unit : mm


Utility Model Patent



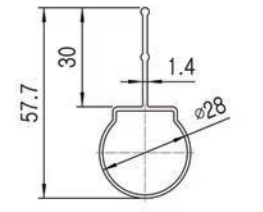
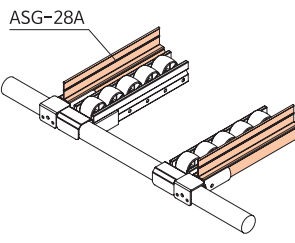
Material	Aluminum
Length	4,000mm
Weight	0.59kg/m

ASG-28A Box Guide - ESD

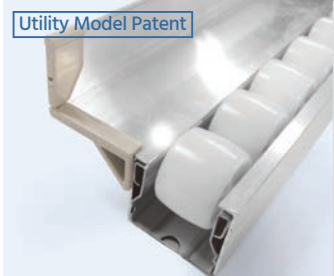


Material	Aluminum
Length	4,000mm
Weight	0.380kg/m

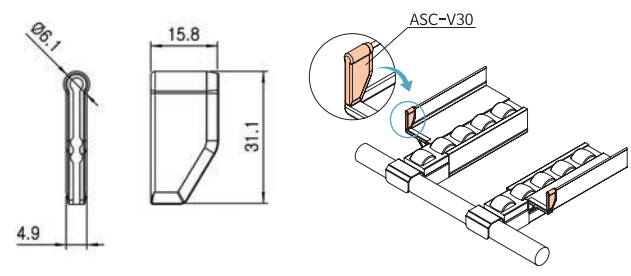



Unit : mm

ASC-V30 Vertical Safety Cap



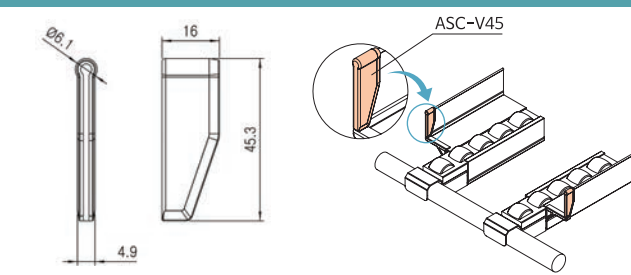
Material	ABS
Length	0.001kg
Weight	6,000 EA



ASC-V45 Vertical Safety Cap



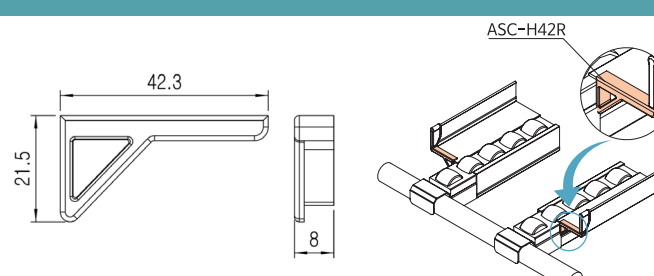
Material	ABS
Length	0.002kg
Weight	4,000 EA



ASC-H42R Horizontal Safety Cap



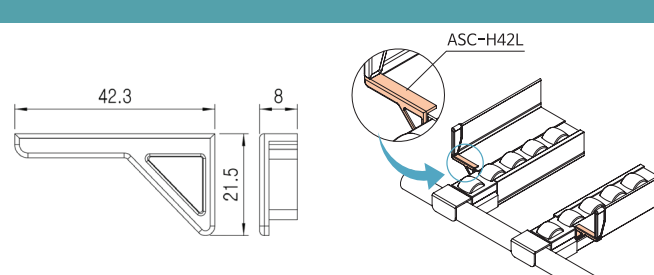
Material	ABS
Length	0.002kg
Weight	4,000 EA



ASC-H42L Horizontal Safety Cap



Material	ABS
Length	0.002kg
Weight	4,000 EA



ALUMINUM RACKING SYSTEM CASTERS



FASTENING RUBBER TYPE
TOP PLATE TYPE

ALUMINUM BOX GUIDE CAP

BOX GUIDE

ADVANCED MECHATRONICS SOLUTIONS, INC

CASTERS NUMBERING SYSTEMS

FA 36 3 S 1 B

Stem Type	Series No.	Wheel Size	Type	Wheel Material	Brake
FA : Fastening Rubber PA : Top Plate Type	30 32 36 50	2-2" 3-3" 4-4" 5-5"	S : Swivel R : Rigid	1 : Soft Rubber 2 : Polyurethane(Red) 3 : Nylon 4 : Rubber Plastic 5 : Polyurethane(Gray) E : ESD	B : Brake DB : Double Brake S : Stainless BS : STS Brake

FASTENING RUBBER TYPE for AL RACK



Pipe	Part No.			Wheel Dia (inch)	mm	kg	A
	SWIVEL	BRAKE	RIGID				
Aluminum Pipe	FA302S-1	FA302S-1B	-	2"	20	35	72
	FA303S-1	FA303S-1B	-	3"			
	FA363S-1	FA363S-1B	-	3"	25	45	95
	FA363S-4	FA363S-4B	FA363R-4				
	FA364S-1	FA364S-1B	FA364R-1	Ball	50	95	
	FA364S-4	FA364S-4B	FA364R-4	Plain / Ball	55	123	
			Ball	60	123		

* FASTENING RUBBER TYPE : ESD is available

Remark	Bolt Specification : 1/2" X 13N - 57mm Wheel Material : Soft Rubber (Nomal) / ESD Soft Rubber	FA : Fastening Rubber Aluminum Pipe
Assembly	<p>SWIVEL</p>	<p>RIGID</p>

TOP PLATE TYPE FOR AL RACK



Part No.			Wheel Dia (inch)	Wheel Material	mm	kg	A	Plate Dimension (mm)	
SWIVEL	BRAKE	RIGID						Overall <DxE>	Hole <BxC>
PA503S-1	PA503S-1B	PA503R-1	3"	Soft Rubber	32	56	103	95X79	75X45
PA503S-2	PA503S-2B	PA503R-2		Polyurethane					
PA504S-1	PA504S-1B	PA504R-1	4"	Soft Rubber					
PA504S-2	PA504S-2B	PA504R-2		Polyurethane					
PA505S-1	PA505S-1B	PA505R-1	5"	Soft Rubber					
PA505S-2	PA505S-2B	PA505R-2		Polyurethane					

* PA503 / PA504 / PA505 Series : ESD is available

Wheel



Assembly	<p>SWIVEL</p>	<p>SWIVEL BRACK</p>	<p>RIGID</p>
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Thread Insert for Alumium Pipe


Image	Part No	"A" Detail	Application	Colors	Threaded Spec	Material	Configuration
	BA2800A	-	Ø28	Gray	1/2"-12N	Aluminum	
	BA2800B				M12-P1.75		
	BA2818E	-	Ø28	White	M16-P2.0	Steel	
 Shape of classification "A"	BA280LA	○	Ø28	White	1/2"-12N	Steel	
	BA280LB	□			M12-P1.75		
	BA280LD	⬡			M10-P1.5		
 Housing STS Nut	BP2800H	-	Ø28	Gray	Housing	Plastic	
	Nut	-		White	M12-P1.75	Steel	
 Shape of classification "A"	BA3300A	○	Ø33	White	1/2"-12N	Steel	
	BA3300B	□			M12-P1.75		
	BA3300D	⬡			M10-P1.5		
 Shape of classification "A"	BA4300A	○	Ø43	Gray	1/2"-12N	Aluminum	
	BA4300B	□			M12-P1.75		
	BA4300D	⬡			M10-P1.5		
 Housing STS Nut	BP4300H	-	Ø43	Gray	Housing	Plastic	
	Nut	-		White	M12-P1.75	Steel	

Small-Type


AD30PA Leveling Foot



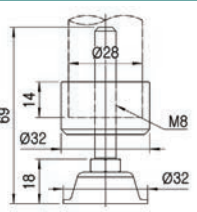

Material	Steel&Plastic
Weight	0.035kg
Q'ty/Box	150pcs

AD32WA Leveling Foot




Material	Steel&Plastic
Weight	0.053kg
Q'ty/Box	125pcs

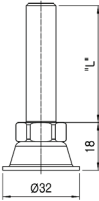




Nomal-Type


AD32WB Leveling Foot



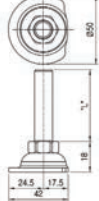

Part No.	Material	Threaded	"L"	ESD
AD32WB	Steel (WZ)	1/2"-12N	50	○
AD32WC			100	○
AD32WD			150	○
AD32WB-M	Steel (WZ)	M12-P1.75	50	○
AD32WC-M			100	○


AD50WA Leveling Foot



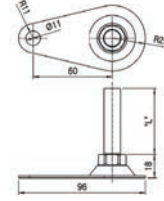
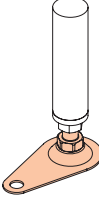
Part No.	Material	Threaded	"L"	ESD
AD50WA	Steel (WZ)	1/2"-12N	50	○
AD50WB			100	○
AD50WD			150	○
AD50WE	Steel (WZ)	M12-P1.75	200	○
AD50WB-M			100	○


AD50WA-AC Leveling Foot



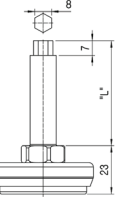
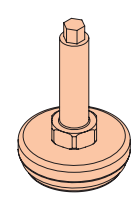
Part No.	Material	Threaded	"L"	ESD
AD50WA-AC	Steel (WZ)	1/2"-12N	50	○
AD50WB-AC			100	○
AD50WD-AC			150	○
AD50WE-AC			200	○


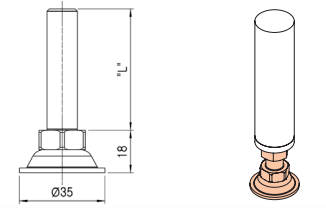
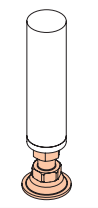
AD50RAN-H Hexgon Leveling Foot


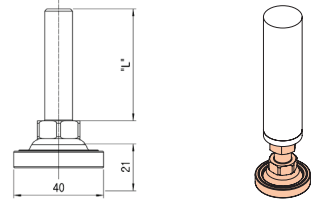
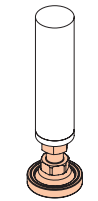


Part No.	Material	Threaded	"L"	ESD
AD50RAN-H	Steel (WZ)	1/2"-12N	50	X


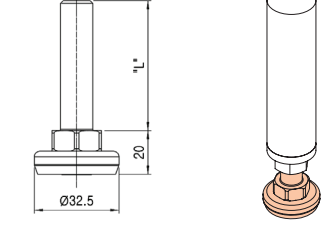
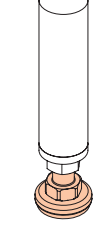




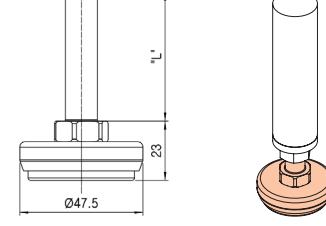
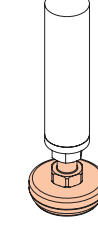
■ STS-Type


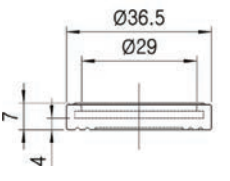
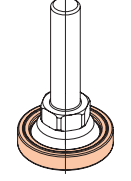
AD35SA		Leveling Foot				
						
Part No.	Material	Threaded	"L"	ESD		
AD35SA	STS	1/2"-12N	50	○		
AD32SB			100	○		


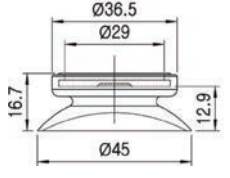
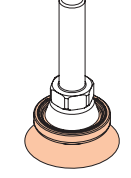
AD40SPA		Rubber Leveling Foot				
						
Part No.	Material	Threaded	"L"	ESD		
AD40SPA	STS	1/2"-12N	50	X		
AD40SPA-E			○			
AD40SPB			100	X		
AD40SPB-E			○			

■ Rubber Pad-Type

AD32RA		Rubber Pad Leveling Foot				
						
Registration patent						
Part No.	Material	Threaded	"L"	ESD		
AD32RA	Steel (WZ)	1/2"-12N	50	X		
AD32RA-E			○			
AD32RB			100	X		
AD32RB-E			○			
AD32RA-M	M12-P125		50	X		
AD32RA-EM			○			
AD32RB-EM			100	○		

AD32RA		Rubber Pad Leveling Foot				
						
Registration patent						
Part No.	Material	Threaded	"L"	ESD		
AD50RAN	Steel (WZ)	1/2"-12N	50	X		
AD50RAN-E			○			
AD50RBN			100	X		
AD50RBN-E			○			
AD50REN	M12-P125		200	X		
AD50RAN-M			○			
AD50RAN-EM			50	X		
AD50RDN-M	150	X				

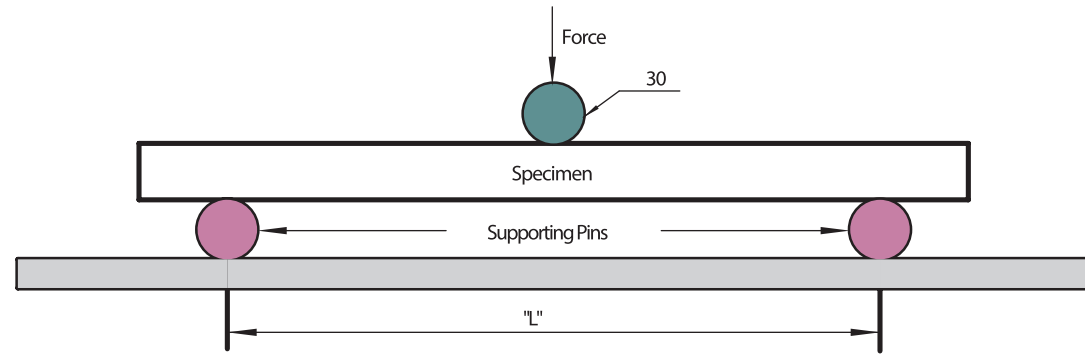
RB-AD37		Rubber Pad(For AD32W)				
						
Material	Rubber					
Weight	1,500pcs					
Q'ty/Box	0.006kg					

NEW RB-AD45		Rubber Pad(For AD32W)				
						
Material	Rubber					
Weight	2,500pcs					
Q'ty/Box	0.011kg					

ALUMINUM RACKING SYSTEM TECHNICAL SPECIFICATIONS



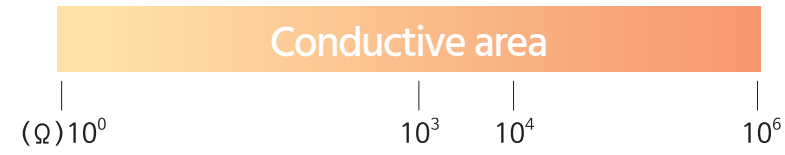
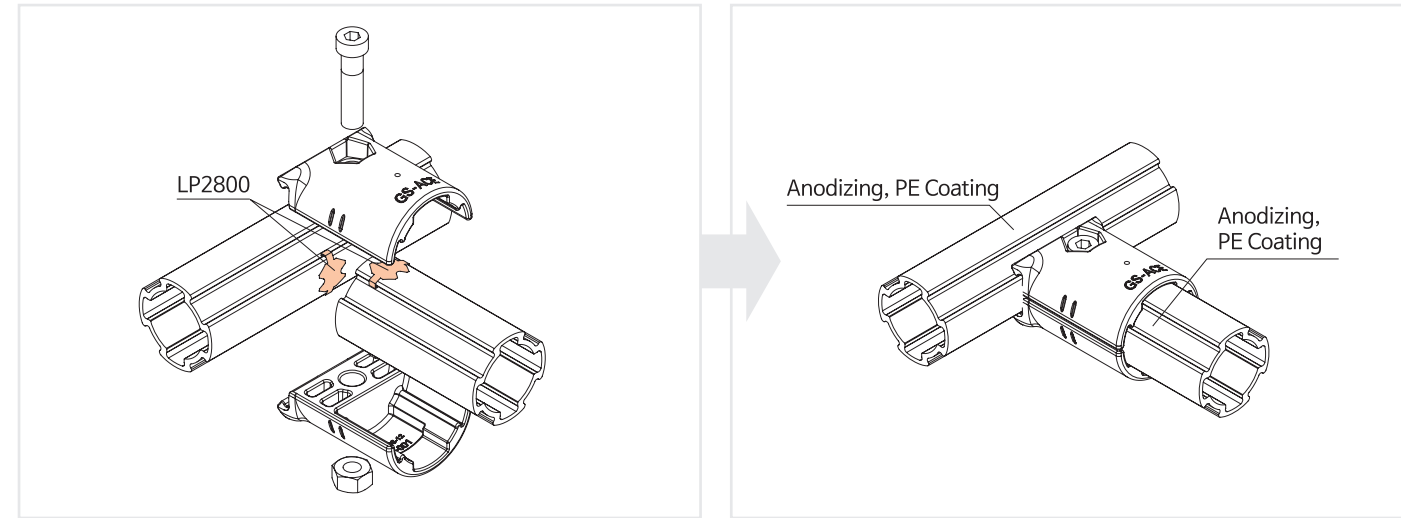
PIPE BENDING STRENGTH



External Size	Part No.	TYPE	Concentrated Load (kgf)		Weight (g/m)	Second Section Moment	4M Packing quantity		
			L=500mm	L=1000mm			pcs/Bag	Bag/Pallet	pcs/Pallet
Ø28	AP2812		225	113	382	$I_x : 1.03 \times 10^4 \text{ mm}^4$ $I_y : 1.03 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AP2820		X →	248	122	450	10 pcs	100 Bag	1000 pcs
			Y ↓	286	143				
	AP2829		298	148	500	$I_x : 1.33 \times 10^4 \text{ mm}^4$ $I_y : 1.33 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AP2812H		405	185	741	$I_x : 1.54 \times 10^4 \text{ mm}^4$ $I_y : 1.54 \times 10^4 \text{ mm}^4$	8 pcs	100 Bag	800 pcs
	AR2812		213	114	379	$I_x : 1.13 \times 10^4 \text{ mm}^4$ $I_y : 1.13 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AR2820		247	132	446	$I_x : 1.30 \times 10^4 \text{ mm}^4$ $I_y : 1.30 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AR2829		297	154	496	$I_x : 1.46 \times 10^4 \text{ mm}^4$ $I_y : 1.46 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AL2813		171	95	335	$I_x : 1.05 \times 10^4 \text{ mm}^4$ $I_y : 1.05 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AL2818		242	127	401	$I_x : 1.21 \times 10^4 \text{ mm}^4$ $I_y : 1.21 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	ACF2812		214	107	358	$I_x : 1.57 \times 10^4 \text{ mm}^4$ $I_y : 1.34 \times 10^4 \text{ mm}^4$	6 pcs	150 Bag	900 pcs
	ALS2812		168	85	372	$I_x : 1.82 \times 10^4 \text{ mm}^4$ $I_y : 1.21 \times 10^4 \text{ mm}^4$	6 pcs	150 Bag	900 pcs
	AFS2810		160	89	375	$I_x : 0.89 \times 10^4 \text{ mm}^4$ $I_y : 0.89 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AFS2812		178	99	408	$I_x : 1.06 \times 10^4 \text{ mm}^4$ $I_y : 1.06 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs
	AQ2812		181	100	374	$I_x : 1.09 \times 10^4 \text{ mm}^4$ $I_y : 1.10 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs

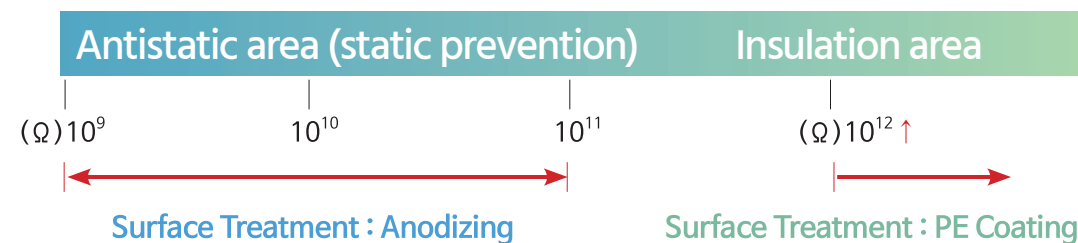
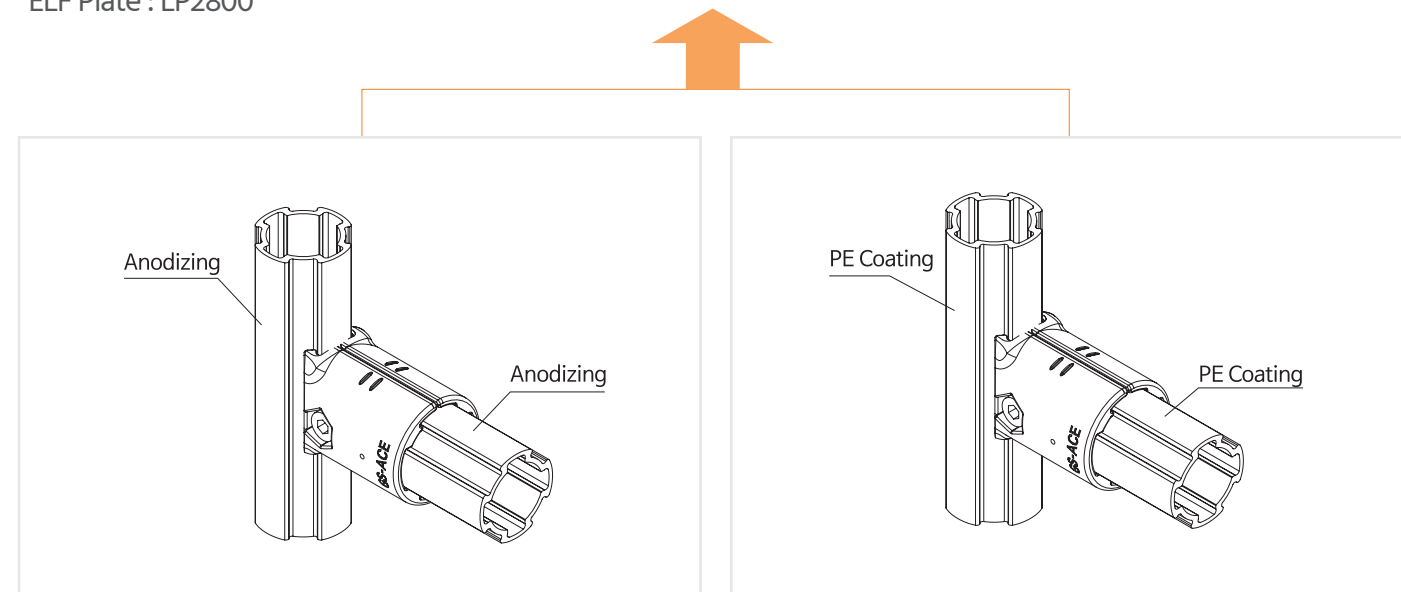
External Size	Part No.	TYPE	Concentrated Load (kgf)		Weight (g/m)	Second Section Moment	4M Packing quantity			
			L=500mm	L=1000mm			pcs/Bag	Bag/Pallet	pcs/Pallet	
Ø28	ALF2812		345	163	655	$I_x : 3.46 \times 10^4 \text{ mm}^4$ $I_y : 3.63 \times 10^4 \text{ mm}^4$	6 pcs	150 Bag	900 pcs	
	ALF2812B		412	202	614	$I_x : 3.50 \times 10^4 \text{ mm}^4$ $I_y : 2.95 \times 10^4 \text{ mm}^4$	6 pcs	150 Bag	900 pcs	
	ATF2812		370	179	685	$I_x : 3.72 \times 10^4 \text{ mm}^4$ $I_y : 3.10 \times 10^4 \text{ mm}^4$	6 pcs	150 Bag	900 pcs	
	AD2812		X →	454	331	761	$I_x : 2.04 \times 10^4 \text{ mm}^4$ $I_y : 1.94 \times 10^4 \text{ mm}^4$	5 pcs	100 Bag	500 pcs
			Y ↓	432	219					
	AD2829		X →	689	462	1138	$I_x : 3.09 \times 10^4 \text{ mm}^4$ $I_y : 2.68 \times 10^4 \text{ mm}^4$	5 pcs	100 Bag	500 pcs
			Y ↓	539	270					
	AD2812H		X →	1584	878	1372	$I_x : 2.40 \times 10^4 \text{ mm}^4$ $I_y : 3.28 \times 10^4 \text{ mm}^4$	5 pcs	70 Bag	350 pcs
			Y ↓	645	304					
	AGP-28A		184	91	479	$I_x : 0.97 \times 10^4 \text{ mm}^4$ $I_y : 0.97 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs	
AT2829		265	121	595	$I_x : 0.95 \times 10^4 \text{ mm}^4$ $I_y : 1.63 \times 10^4 \text{ mm}^4$	10 pcs	100 Bag	1000 pcs		
Ø33	AP3315		320	165	453	$I_x : 1.76 \times 10^4 \text{ mm}^4$ $I_y : 1.76 \times 10^4 \text{ mm}^4$	6 pcs	100 Bag	600 pcs	
	AP3315H		560	255	883	$I_x : 2.43 \times 10^4 \text{ mm}^4$ $I_y : 2.43 \times 10^4 \text{ mm}^4$	6 pcs	100 Bag	600 pcs	
Ø43	AP4319C		596	346	803	$I_x : 5.07 \times 10^4 \text{ mm}^4$ $I_y : 5.07 \times 10^4 \text{ mm}^4$	6 pcs	60 Bag	360 pcs	
	AP4319H		981	503	1278	$I_x : 6.18 \times 10^4 \text{ mm}^4$ $I_y : 6.18 \times 10^4 \text{ mm}^4$	6 pcs	60 Bag	360 pcs	
	AQ4320		600	365	902	$I_x : 6.16 \times 10^4 \text{ mm}^4$ $I_y : 6.73 \times 10^4 \text{ mm}^4$	6 pcs	60 Bag	360 pcs	
	AD4319		X →	1043	874	1887	$I_x : 11.45 \times 10^4 \text{ mm}^4$ $I_y : 6.16 \times 10^4 \text{ mm}^4$	2 pcs	90 Bag	180 pcs
Y ↓			1391	737						
28X28	ASQ2812A		385	188	566	$I_x : 1.83 \times 10^4 \text{ mm}^4$ $I_y : 1.33 \times 10^4 \text{ mm}^4$	8 pcs	100 Bag	800 pcs	
	ASQ2812B		440	215	665	$I_x : 1.79 \times 10^4 \text{ mm}^4$ $I_y : 2.55 \times 10^4 \text{ mm}^4$	8 pcs	100 Bag	800 pcs	
	ASQ2812C		413	202	591	$I_x : 1.82 \times 10^4 \text{ mm}^4$ $I_y : 2.20 \times 10^4 \text{ mm}^4$	8 pcs	100 Bag	800 pcs	
	ASQ2812D		412	202	555	$I_x : 1.95 \times 10^4 \text{ mm}^4$ $I_y : 1.95 \times 10^4 \text{ mm}^4$	8 pcs	100 Bag	800 pcs	
	ASQ2812E		291	150	523	$I_x : 1.79 \times 10^4 \text{ mm}^4$ $I_y : 1.41 \times 10^4 \text{ mm}^4$	8 pcs	100 Bag	800 pcs	

ELF PLATE (MANUAL FOR LP2800)



After assembling conductive plate

*If the conductivity is needed, conductive plate could be assembled with all kinds of AL Joint
*ELF Plate : LP2800



Surface Treatment : Anodizing

Surface Treatment : PE Coating

A-001			
Holding Force (kgf)	Fx	80	
	Fy	80	
Moment (kgf) (L=110mm)	Mx	6	
	My	12	
A-001C			
Holding Force (kgf)	Fx	80	
	Fy	80	
Moment (kgf) (L=110mm)	Mx	5	
	My	10	
A-003			
Holding Force (kgf)	Fx	80	
	Fy	80	
Moment (kgf) (L=110mm)	Mx	16	
	My		
A-004			
Holding Force (kgf)	Fx	80	
	Fy	80	
Moment (kgf) (L=110mm)	My	25	
	Mx		
AA-003			
Holding Force (kgf)	Fx	80	
	Fy	80	
Moment (kgf) (L=110mm)	My	19	
	Mx		
A-007B			
Holding Force (kgf)	Fx	80	
A-007C			
Holding Force (kgf)	Fx	80	
A-007D			
Holding Force (kgf)	Fx	80	
A-009			
Holding Force (kgf)	Fx	150	
	Fy	200	
Moment (kgf) (L=110mm)	Mx	29	
	My	56	

ADVANCED MECHATRONICS SOLUTIONS, INC.

TECHNICAL

TECHNICAL

A-013

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
---------------------	----	----

B-007D

Holding Force (kgf)	Fx	50
---------------------	----	----

B-008

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

B-011

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

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-013

Holding Force (kgf)	Fx	50
	Fy	80

B-044

Holding Force (kgf)	Fx	80
---------------------	----	----

B-045

Holding Force (kgf)	Fy	150
---------------------	----	-----

B-007A

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

B-007B

Holding Force (kgf)	Fx	50
---------------------	----	----

B-007C

Holding Force (kgf)	Fx	50
---------------------	----	----

B-090

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

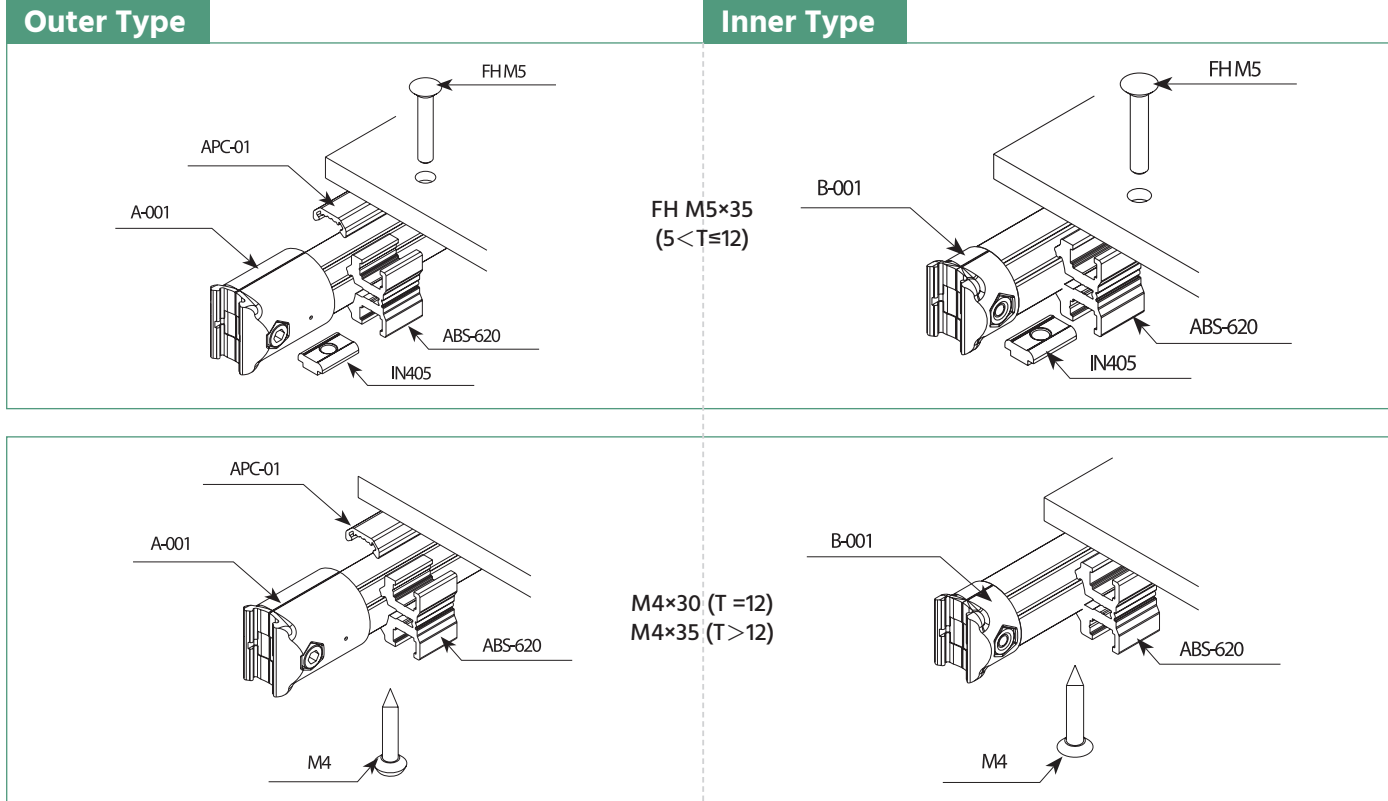
APHA-633N

Holding Force (kgf)	Fx	80
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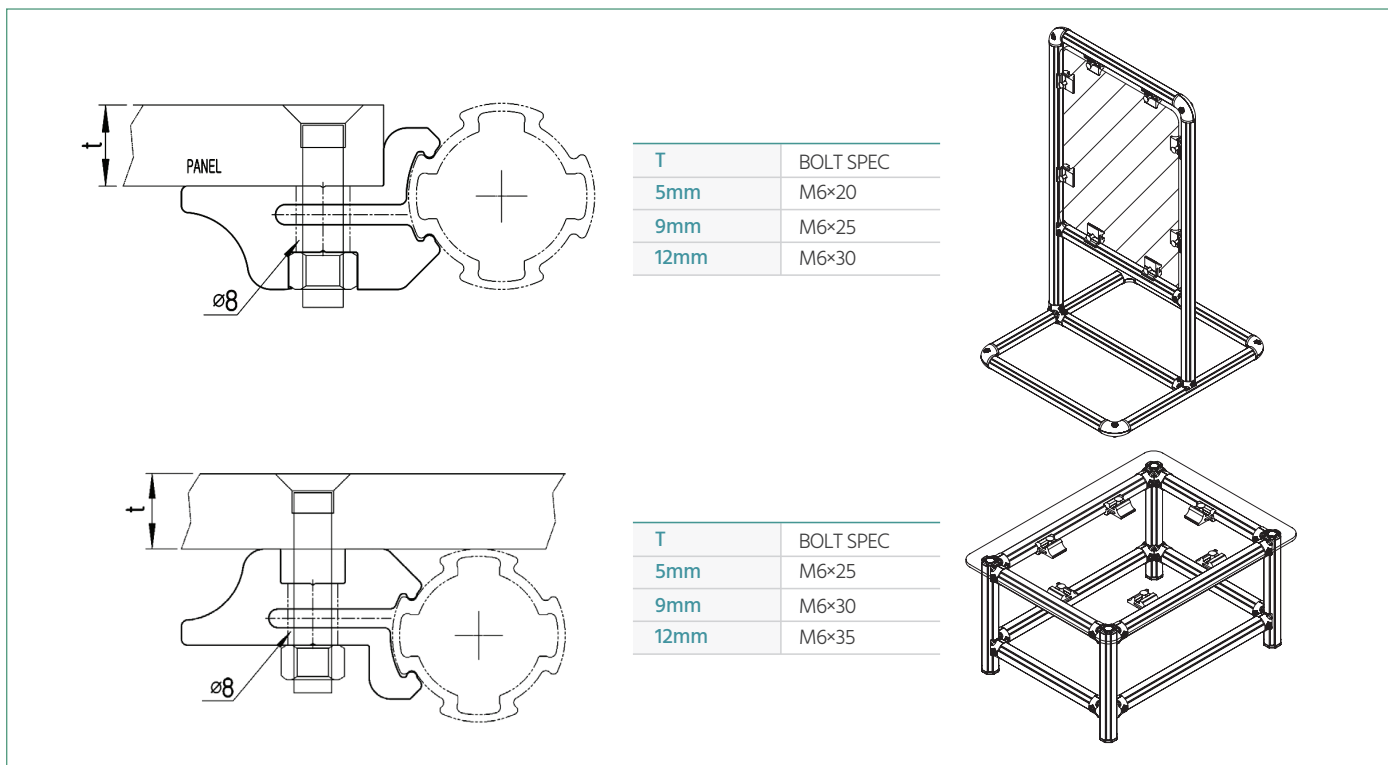
BA2800A/B, BP2800A/B

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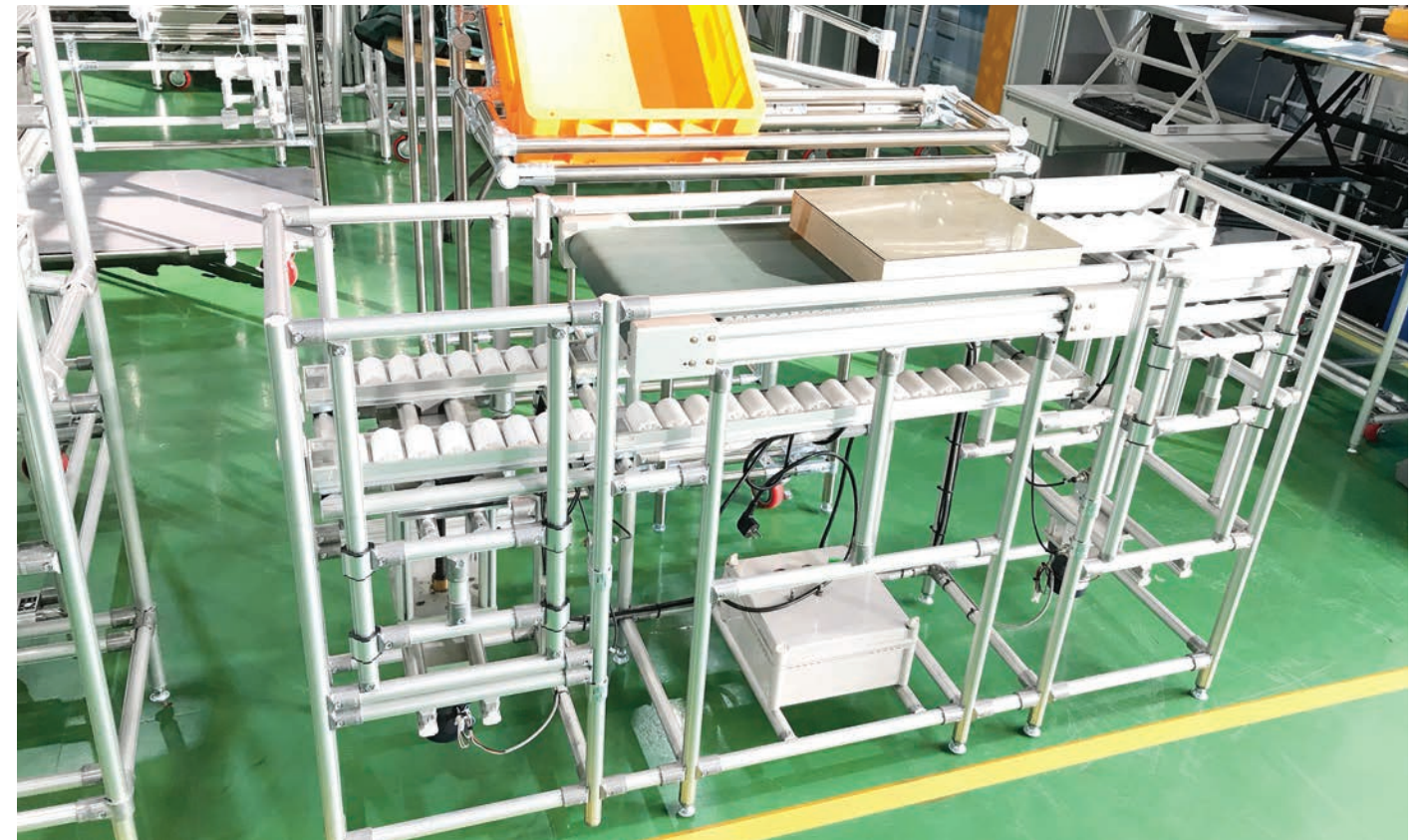
Example for ABS-620



Example for B-017A-08



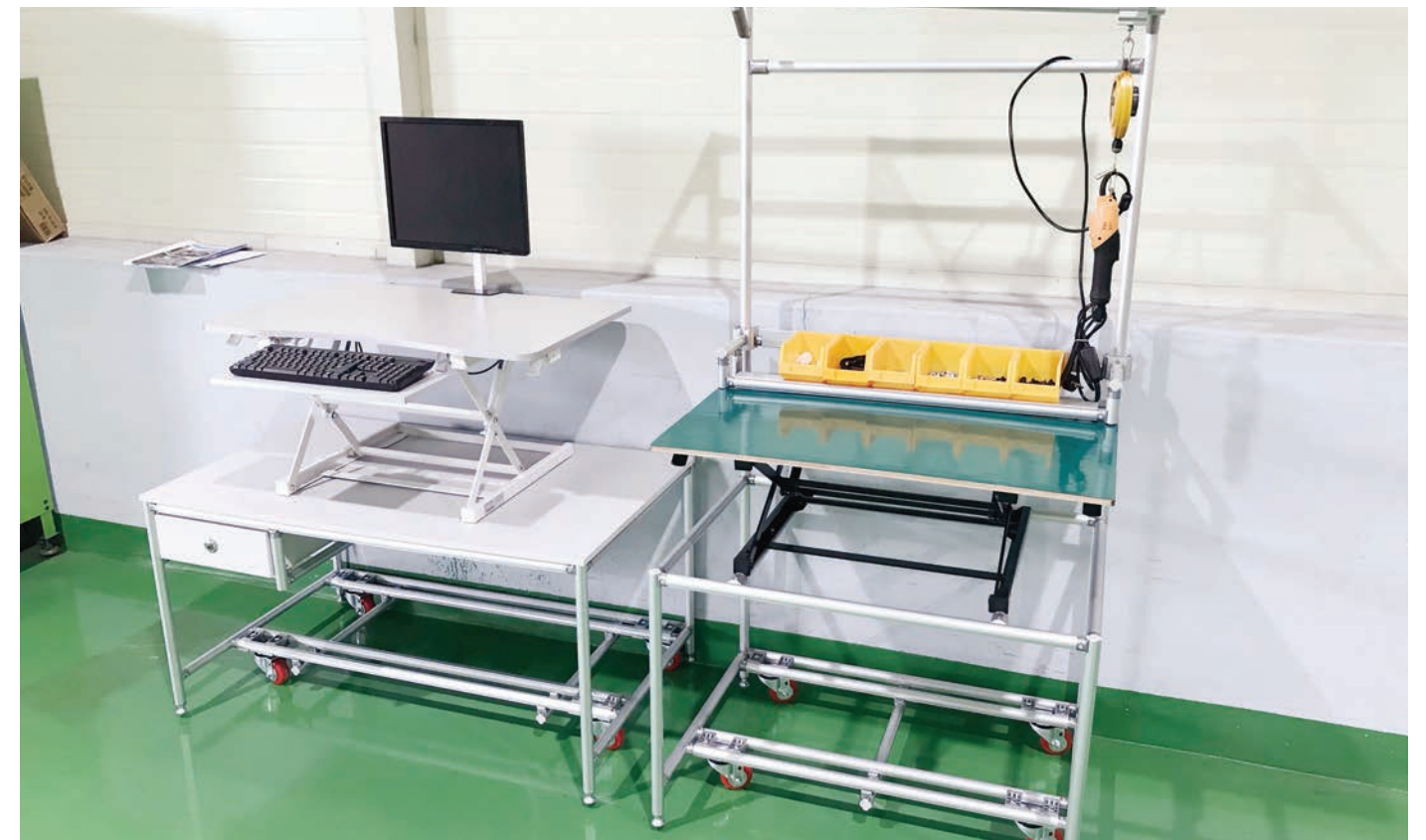
ADVANCED MECHATRONICS SOLUTIONS, INC

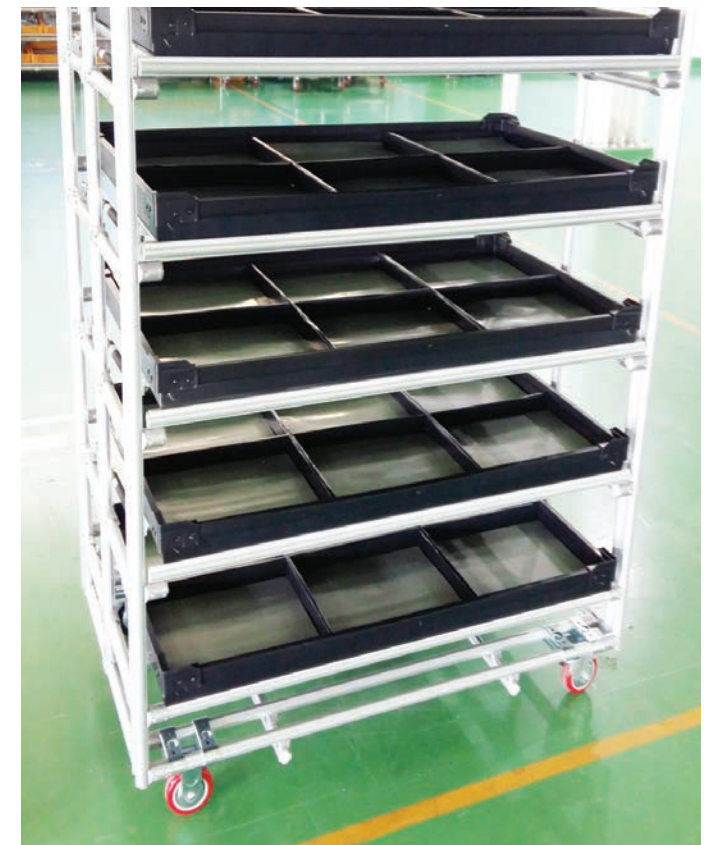


EXAMPLES

EXAMPLES









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