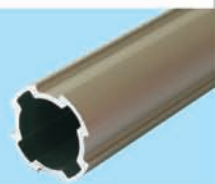


Aluminum Tube Structural Kits

Lean Management Materials

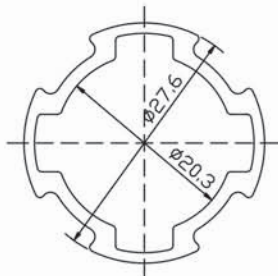




AS2812P Regular Duty Pipe



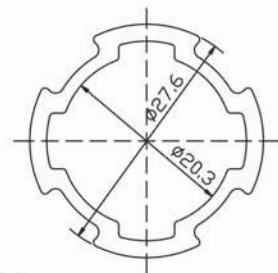
▲Weight:0.386kg/m
※Please refer to the technical data on the page 17



AS2820P Heavy Duty Pipe



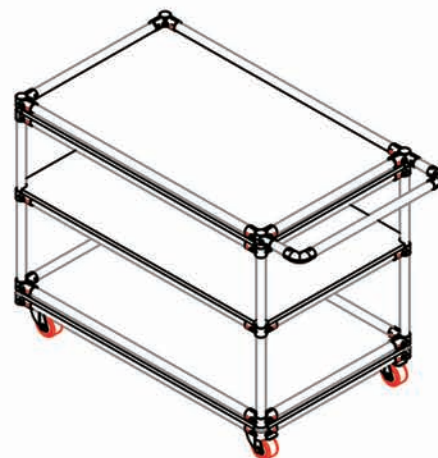
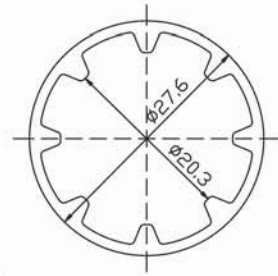
▲Weight:0.444kg/m
※Please refer to the technical data on the page 17



AS2812R Round Pipe(Regular Duty)



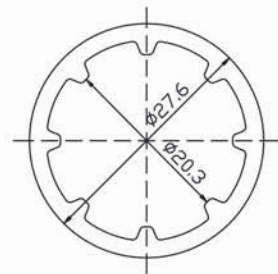
▲Weight:0.387kg/m
※Please refer to the technical data on the page 17



AS2820R Round Pipe(Heavy Duty)



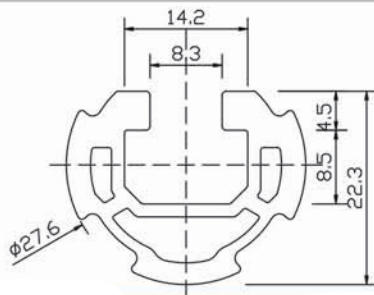
▲Weight:0.503kg/m
※Please refer to the technical data on the page 17



AS2820T T Slot Pipe



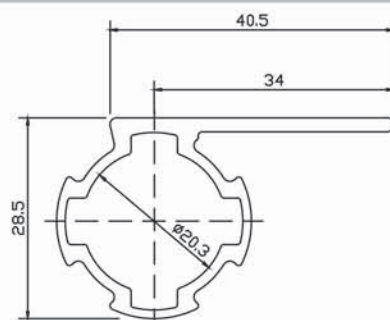
▲Weight:0.615kg/m
※Please refer to the technical data on the page 17



铝管 ALUMINUM PIPE

AS2812LF

L-Flat Pipe

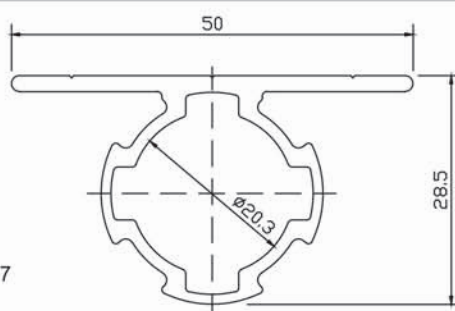


▲Weight:0.386kg/m

※Please refer to the technical data on the page 17

AS2812TF

T-Flat Pipe

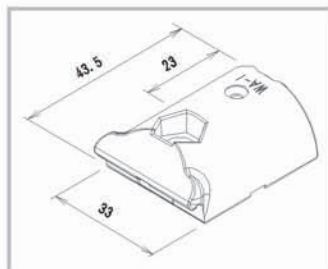


▲Weight:0.444kg/m

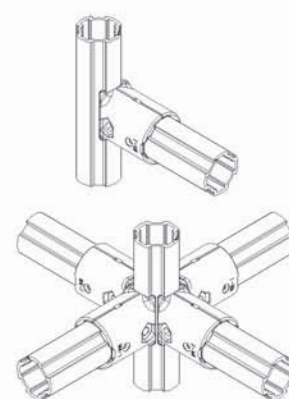
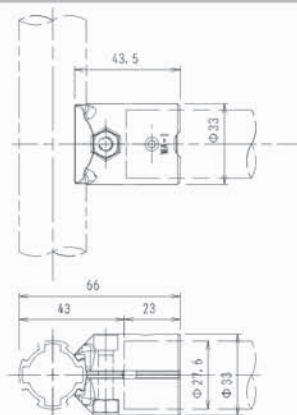
※Please refer to the technical data on the page 17



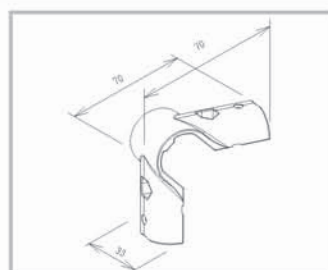
WA-1



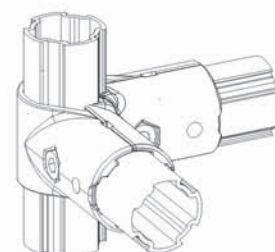
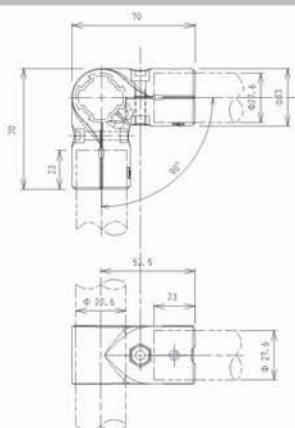
▲Weight:0.023kg



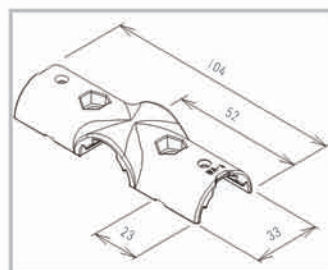
WA-3



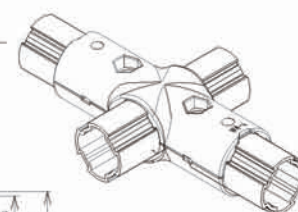
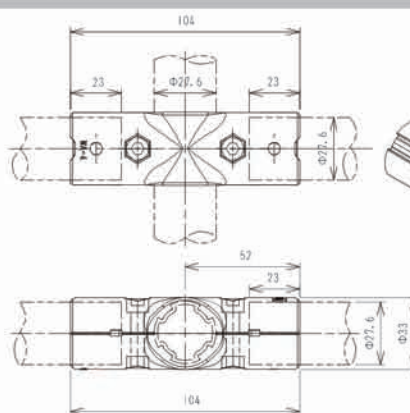
▲Weight:0.058kg



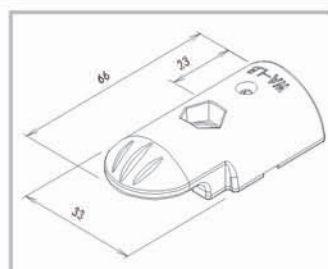
WA-4



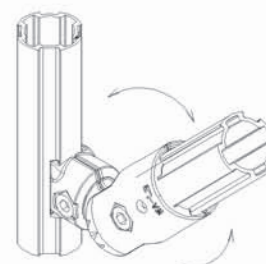
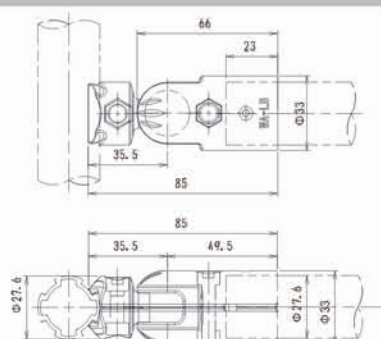
▲Weight:0.054kg



WA-LB



▲Weight:0.031kg



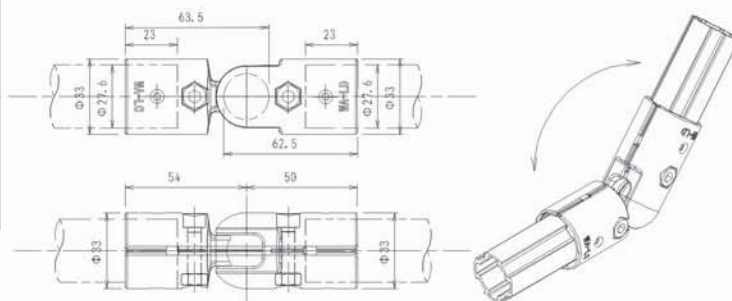
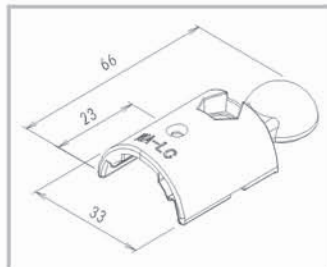


连接件 ALUMINUM JOINTS

WA-LC



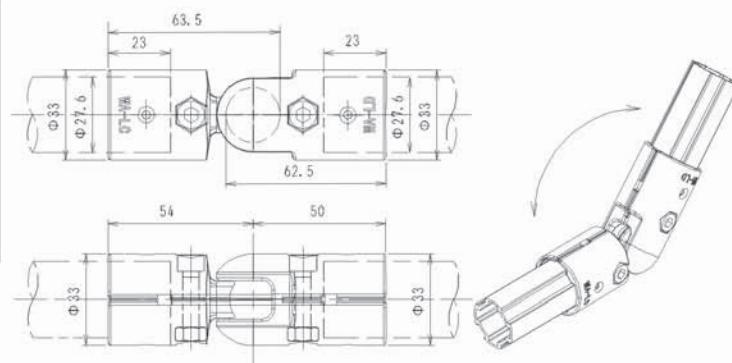
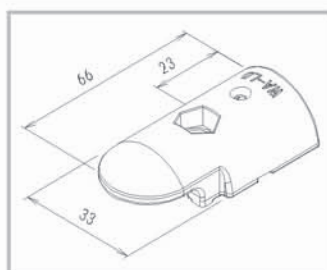
▲Weight:0.027kg



WA-LD



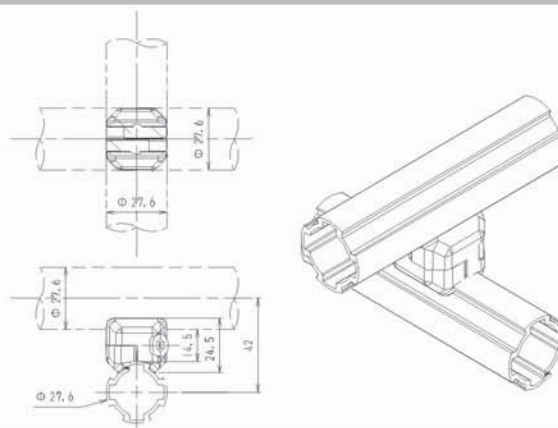
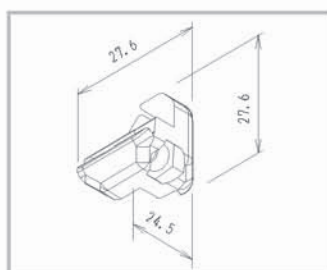
▲Weight:0.030kg



WA-7S



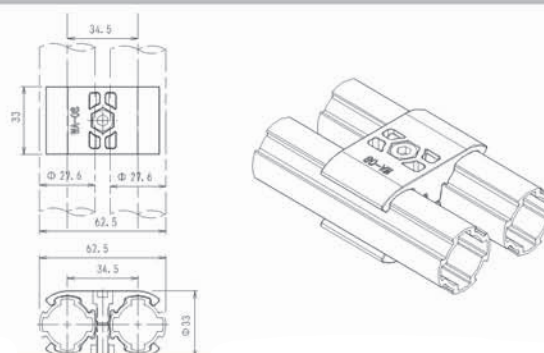
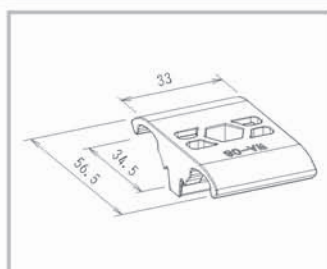
▲Weight:0.013kg



WA-08



▲Weight:0.027kg

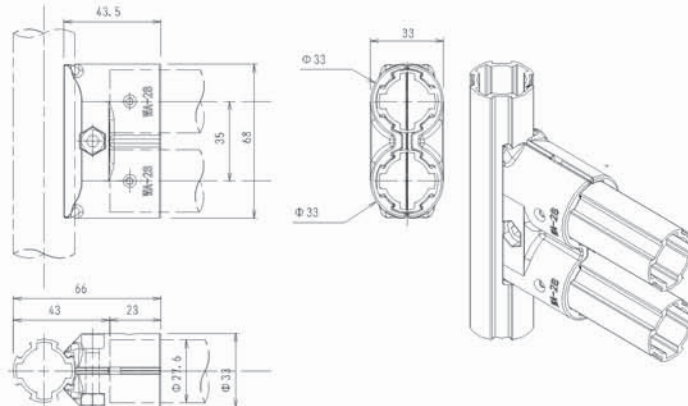
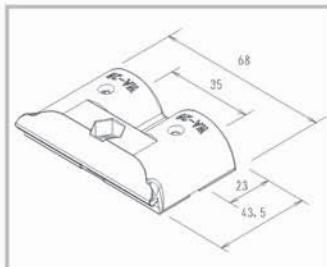




WA-28



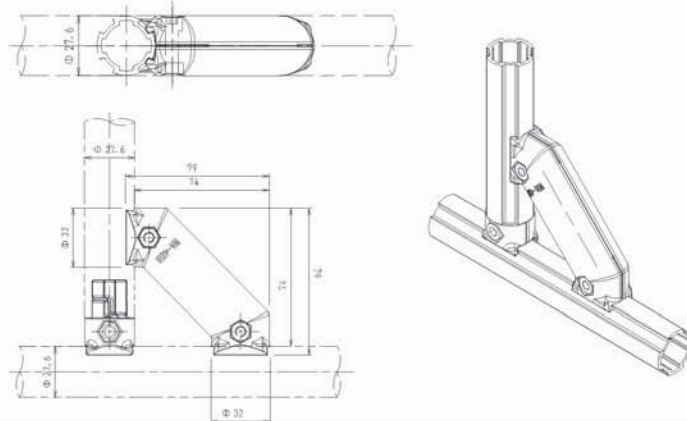
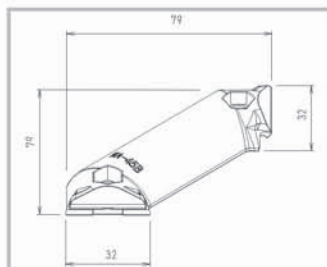
▲Weight:0.050kg



WA-45B



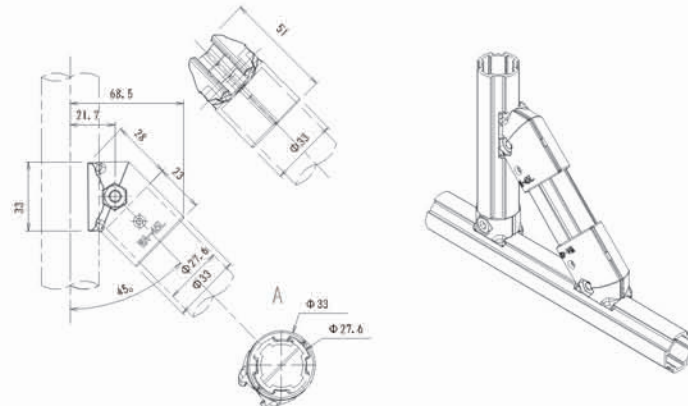
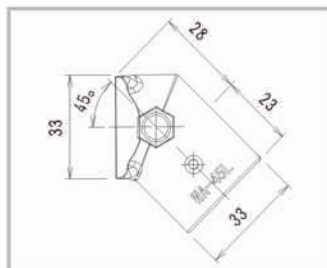
▲Weight:0.049kg



WA-45L,WA-45R



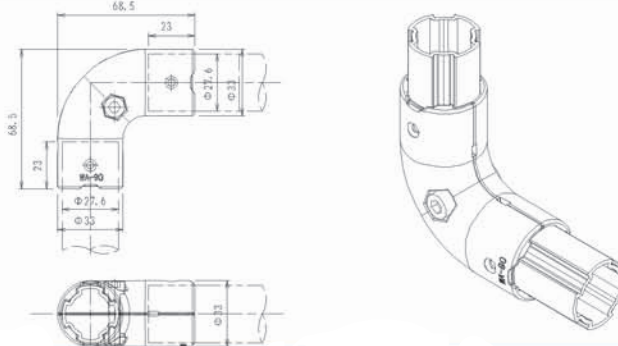
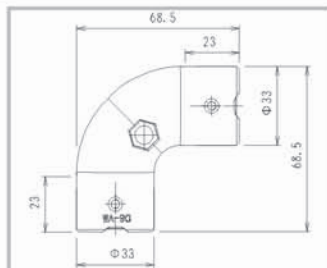
▲Weight:0.023kg



WA-90



▲Weight:0.049kg



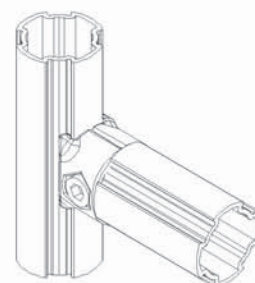
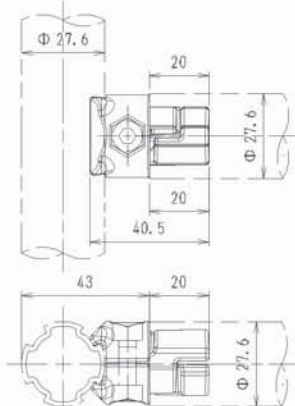
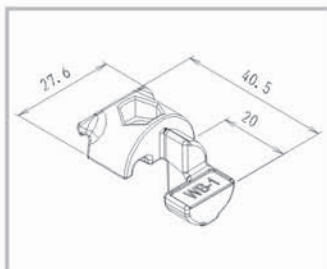


连接件 ALUMINUM JOINTS

WB-1



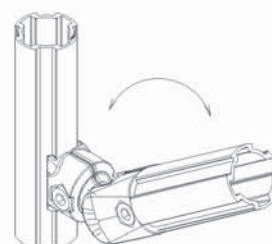
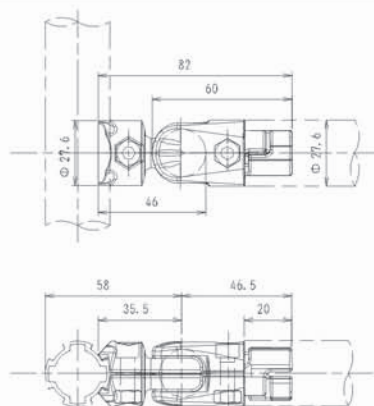
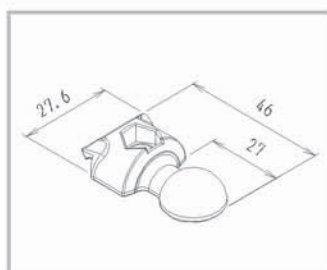
▲Weight:0.017kg



WB-LA



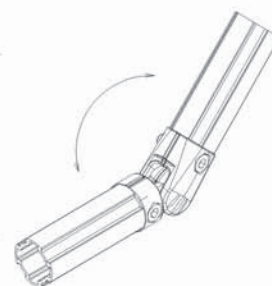
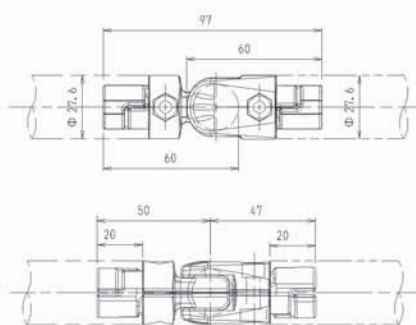
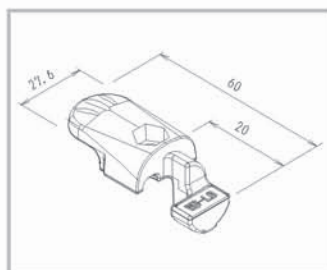
▲Weight:0.017kg



WB-LB



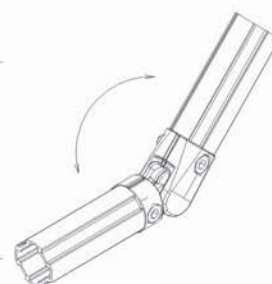
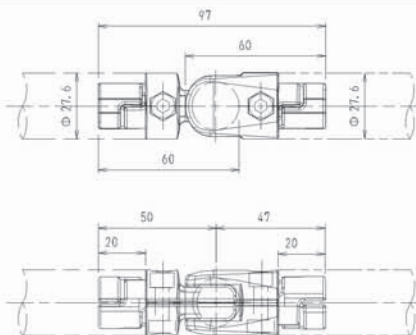
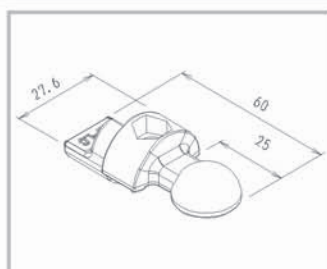
▲Weight:0.025kg



WB-LC



▲Weight:0.023kg

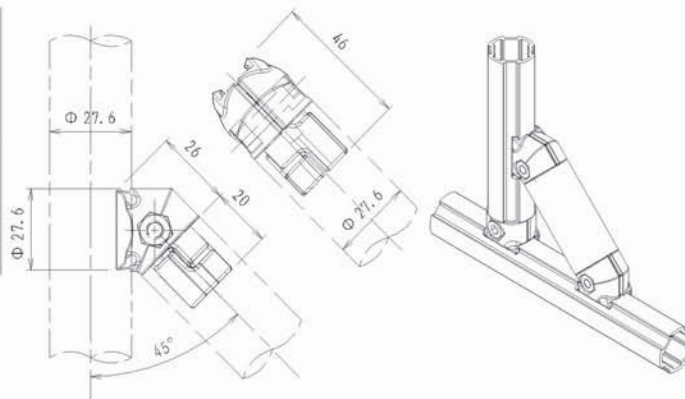
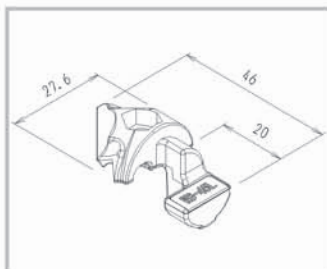




WB-45R, WB-45L



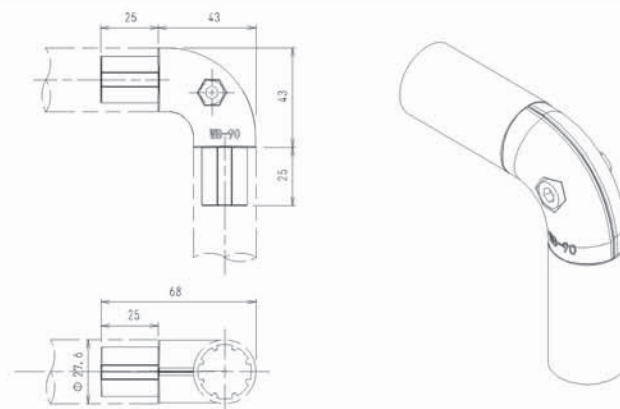
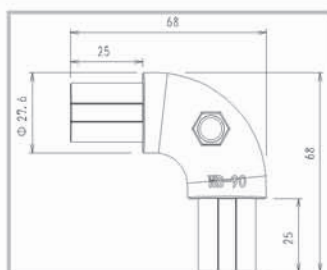
▲Weight:0.018kg



WB-90



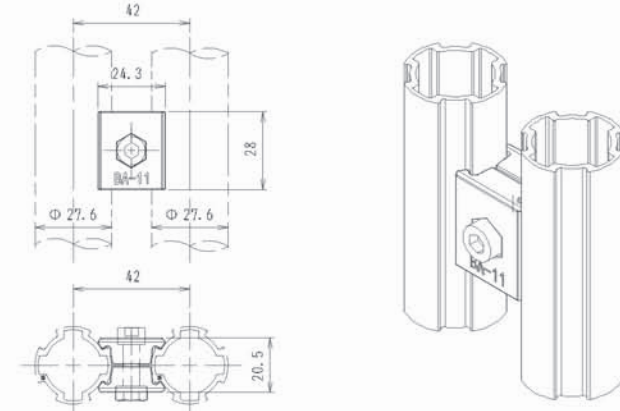
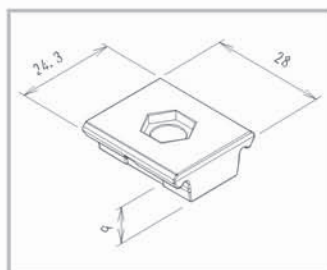
▲Weight:0.037kg



WA-11



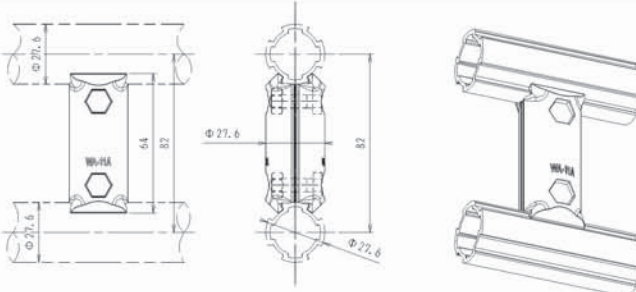
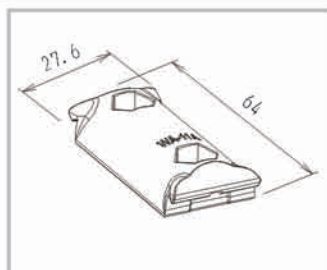
▲Weight:0.010kg



WA-11A



▲Weight:0.030kg



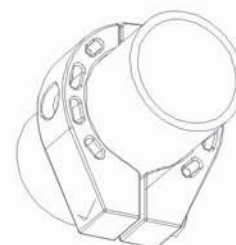
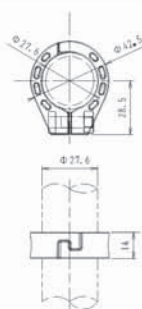
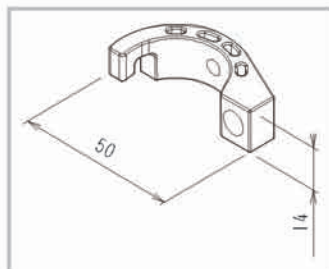


连接件 ALUMINUM JOINTS

WA-2A



▲Weight:0.015kg





外连接 Outer Joints



WA-1: 2pcs
M0625/N06: 1set



WA-1: 2pcs WA-3: 1pc
M0625/N06: 2sets



WA-1: 4pcs WA-4: 1pc
M0625/N06: 3sets



WA-4: 2 pcs
M0625/N06: 2sets



WA-1: 8pcs
M0625/N06: 4sets



WA-LB: 2pcs WB-LA: 2pcs
M0625/N06: 1set
M0620/N06: 1set



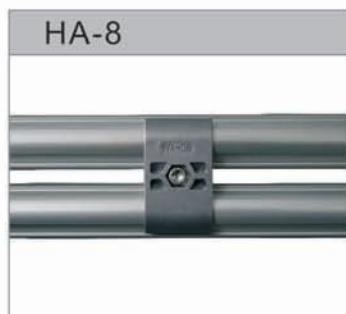
WA-LB: 2pcs WA-LC: 2pcs
M0625/N06: 2sets



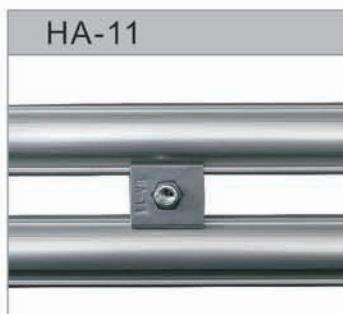
WA-LB: 2pcs WB-LC: 2pcs
M0625/N06: 1set
M0620/N06: 1set



WA-7s: 2pcs
M0625/N06: 1set



WA-08: 2pcs
M0625/N06: 1set



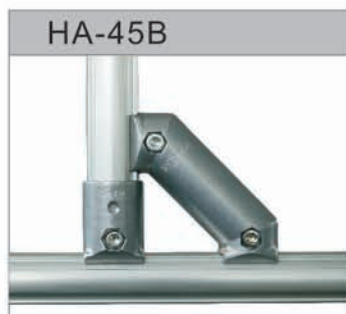
WA-11: 2pcs
M0620/N06: 1set



WA-28: 2 pcs
M0625/N06: 1set



WA-45L: 1pc WA-45R: 1pc
M0625/N06: 1set



WA-45B: 2pcs
M0620/N06: 2sets



WA-90: 2pcs
M0625/N06: 1set



WA-11A: 2pcs
M0620/N06: 2sets



连接成套 ASSEMBLED JOINTS



WA-2A: 2pcs
M0620/N06:1set

内连接 Inner Joints



WB-1: 2pcs
M0620/N06:1set



WB-LB: 2pcs WB-LA: 2pcs
M0620/N06:2sets



WB-LB: 2pcs WA-LC: 2pcs
M0625/N06:1set
M0620/N06:1set



WB-LB:2pcs WB-LC:2pcs
M0620/N06:2sets



WB-45L:1pc WB-45R:1pc
M0620/N06:1set



WB-90:2pcs
M0620/N06:1set

万向连接成套 Swivel Joints



WA-LD:2pcs WB-LA:2pcs
M0625/N06:1set
M0620/N06:1set



WA-LD:2pcs WA-LC:2pcs
M0625/N06:2sets



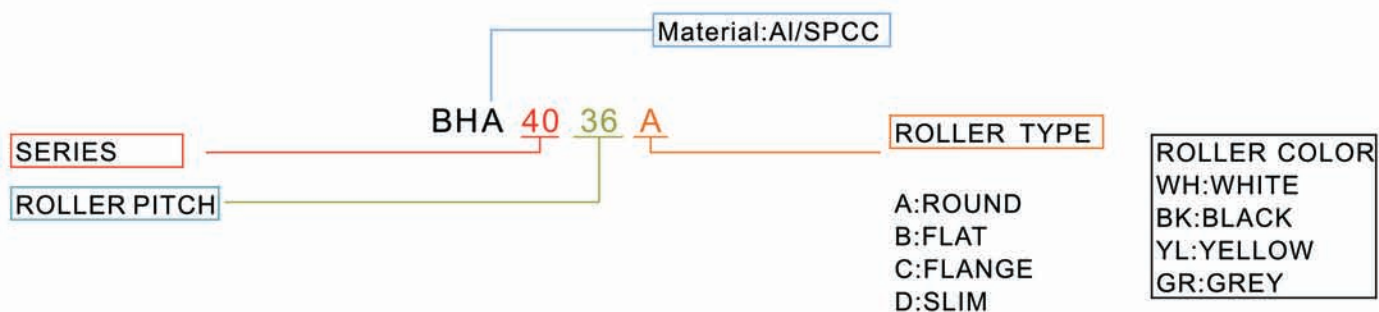
WA-LD:2pcs WB-LC:2pcs
M0625/N06:1set
M0620/N06:1set



ROLLER TRACKS SPECIFICATION

Series	Part NO.	Body Material (mm)	Roller Material (mm)	Load Capacity (kg)	Roller Diameter (mm)	Shaft Diameter (mm)	Roller Pitch (mm)	Roller Color				ESD	Standard Length
								WH	GR	BK	YL	BK	
40 Series	BHA4040B	AL	ABS/PE	100	Φ34	Φ4	40	○	○	○	○	○	4 MT
	BHA4056C	AL	ABS/PE	100	Φ49	Φ4	56	○	○	○	○	○	
40 Series	BHS4036A	SPCC	ABS/PE	150	Φ34	Φ4	36	○	○	○	○	○	
44 Series	BHA4445B	AL	ABS/PE	100	Φ37	Φ4	45	○	○	○	○	○	
60 Series	BHA6016D	AL	ABS/PE	100	Φ15	Φ4	16	○	○	○	○	○	
	BHA6033B	AL	ABS/PE	150	Φ30	Φ4	33	○	○	○	○	○	
60 Series	BHS6016D	SPCC	ABS/PE	100	Φ15	Φ4	16	○	○	○	○	○	
	BHS6033B	SPCC	ABS/PE	150	Φ30	Φ4	33	○	○	○	○	○	

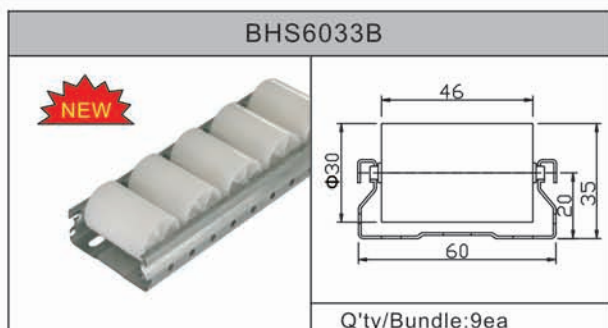
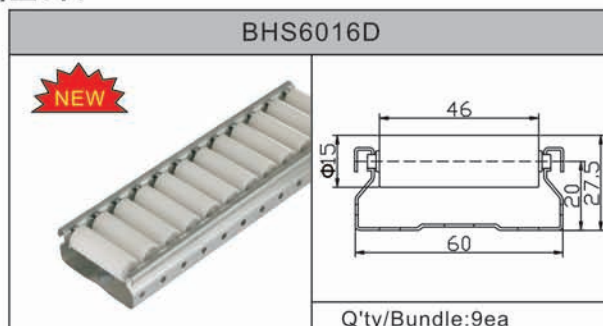
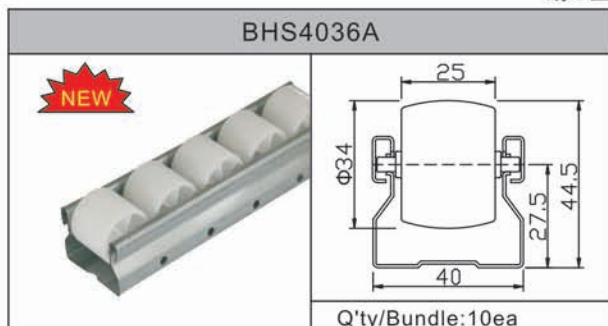
ROLLER TRACK NUMBERING SYSTEM



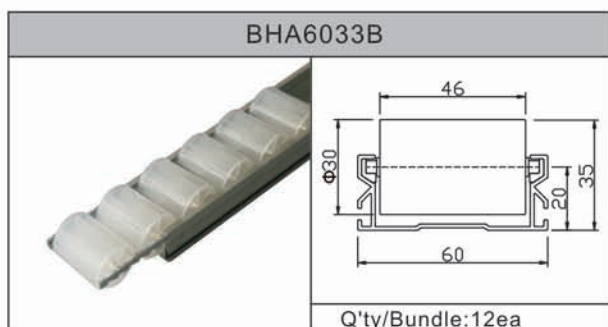
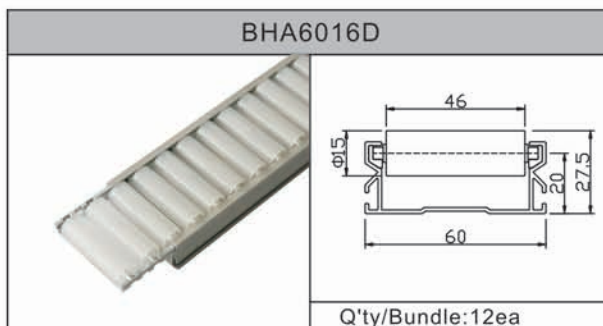
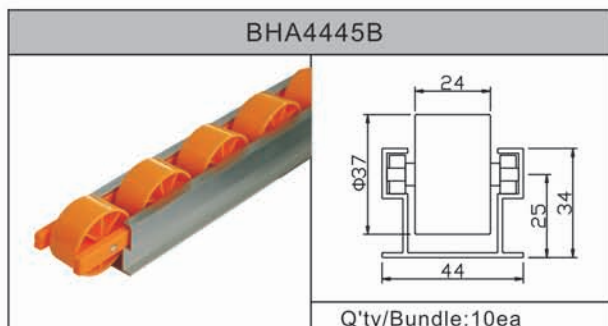
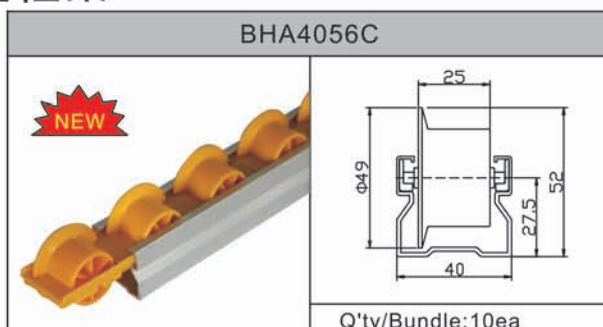
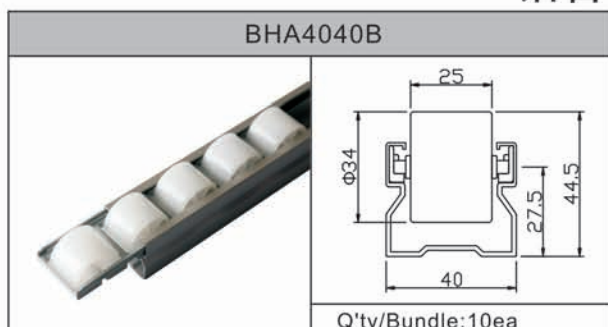


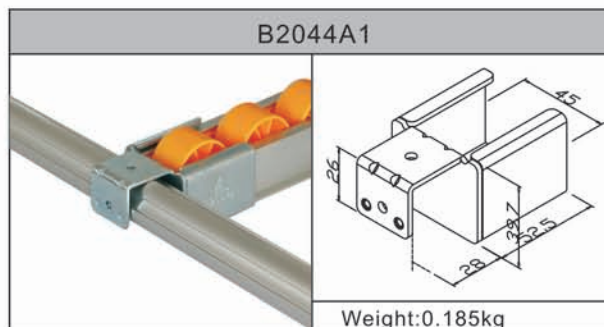
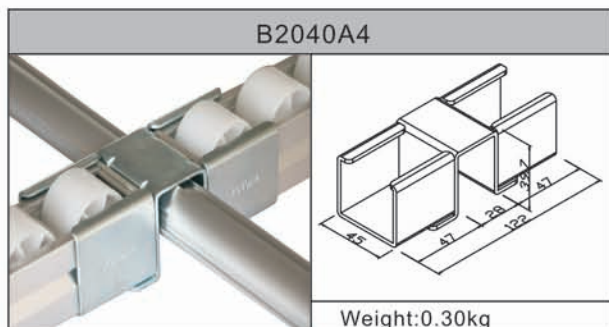
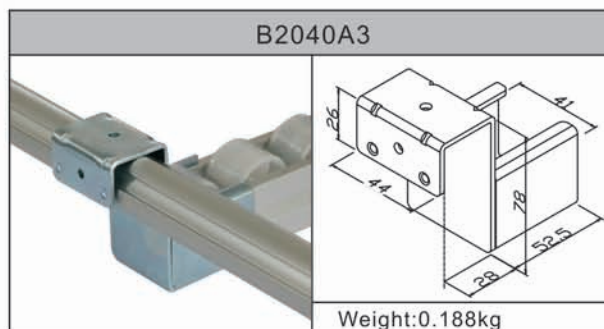
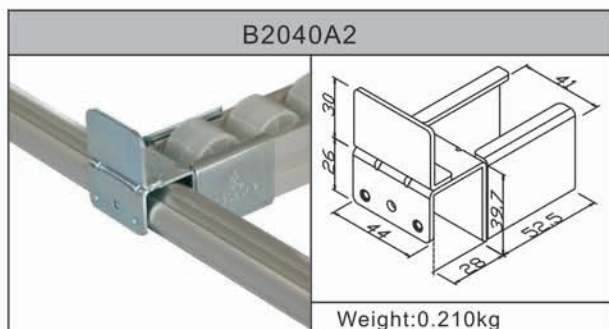
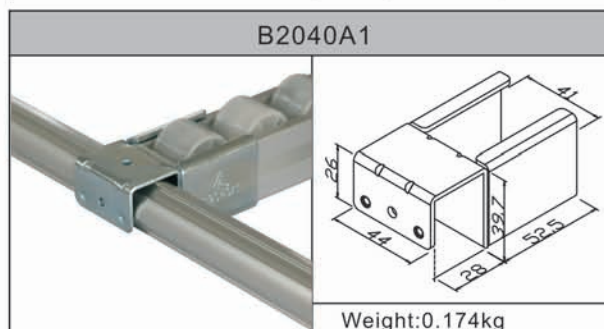
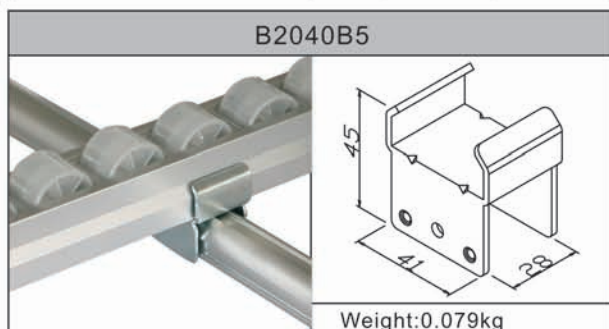
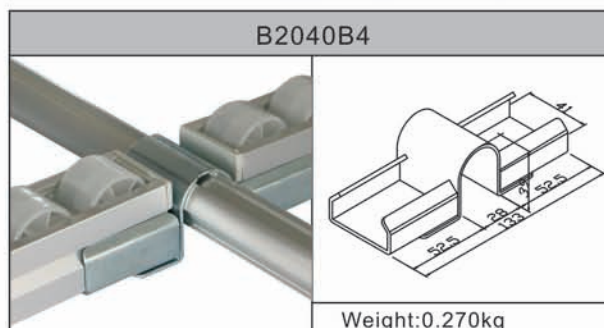
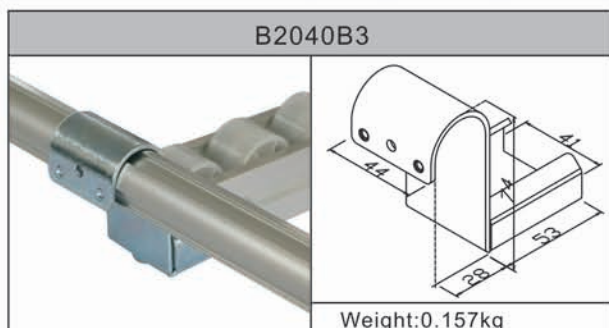
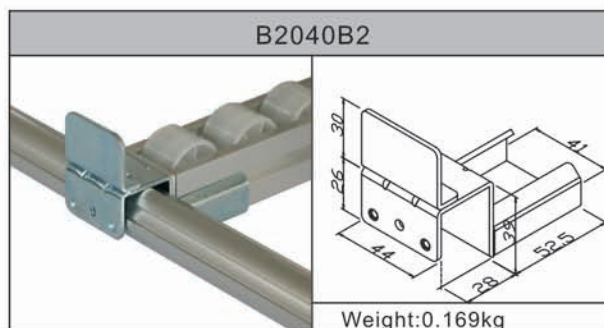
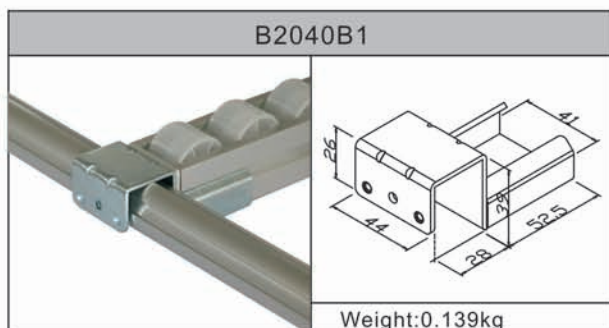
流利条 ROLLER TRACKS

钣金框架



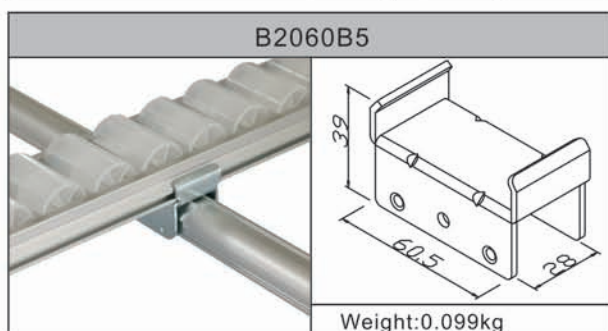
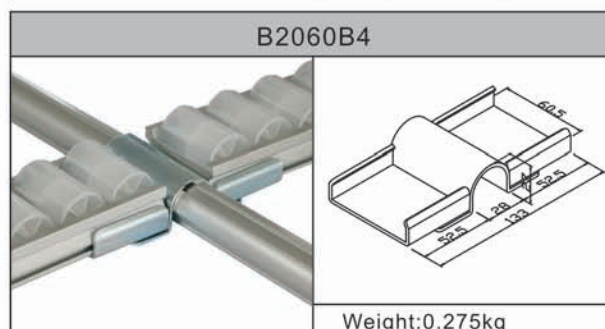
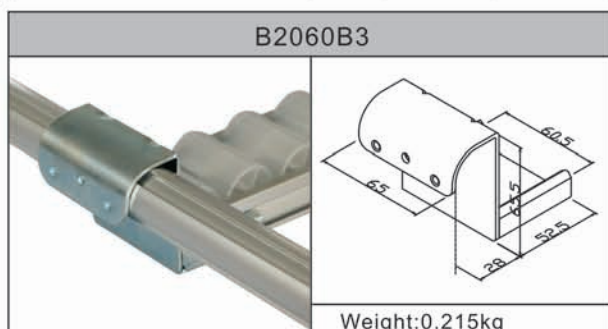
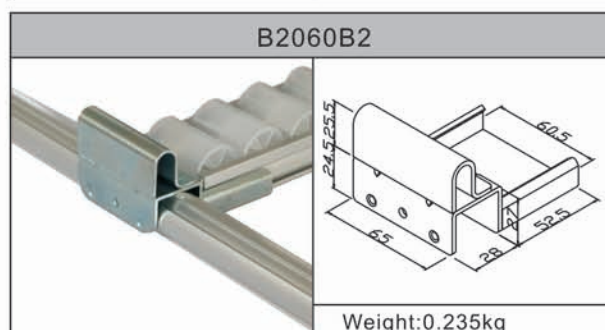
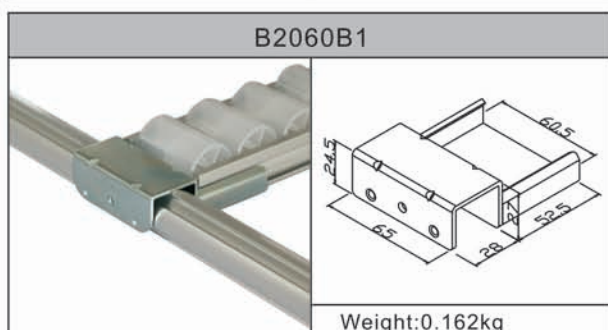
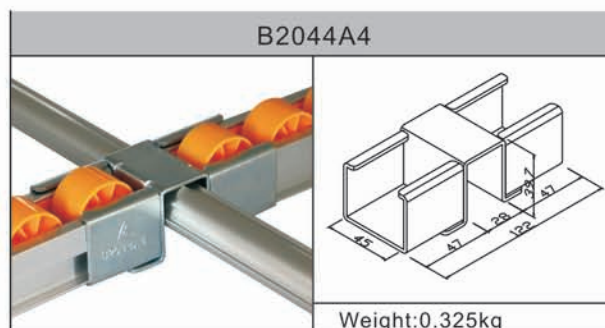
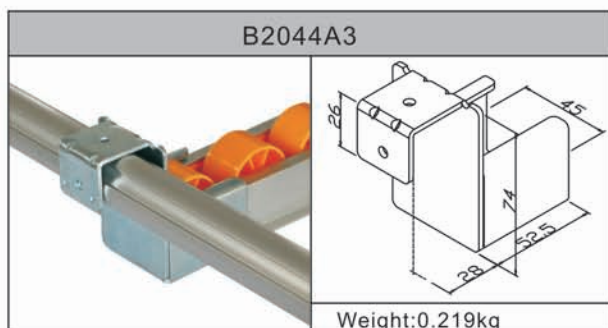
铝合金框架





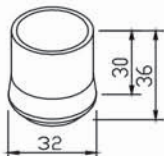


流利条连接件 ROLLER JOINTS





Normal-Type

	Part No	Base Diameter	Thread Spec	Thread Length	Type
	BD32P	Φ32			

	Part No	Base Diameter	Thread Spec	Thread Length	Type
	BD32N50B	Φ32	1/2" -12N	50	
	BD32N100			100	

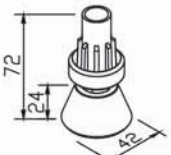
	Part No	Base Diameter	Thread Spec	Thread Length	Type
	BD50N50	Φ50	1/2" -12N	50	
	BD50N100			100	

Rubber Pad -Type

	Part No	Base Diameter	Thread Spec	Thread Length	Type
	BD32R50	Φ32	1/2" -12N	50	
	BD32R100			100	

	Part No	Base Diameter	Thread Spec	Thread Length	Type
	BD50R50	Φ50	1/2" -12N	50	
	BD50R100			100	

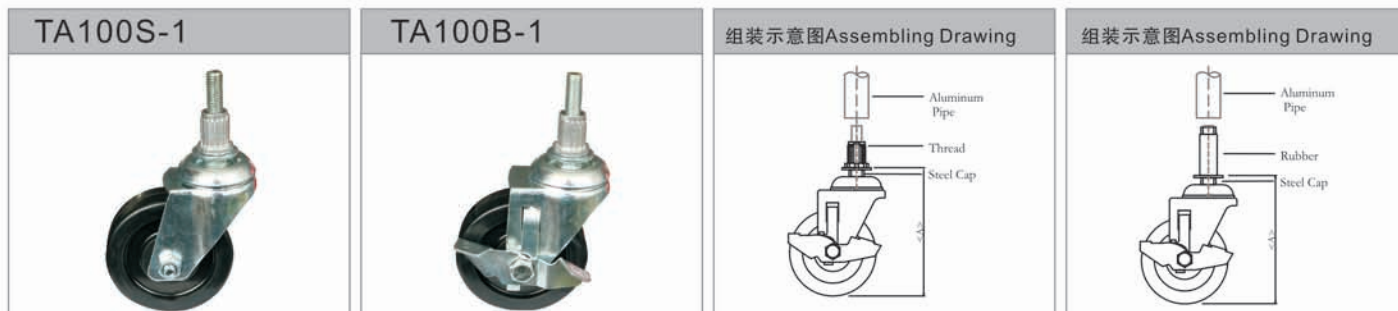
Rubber Pad -Type (Color : Black/Gray)

	Part No	Base Diameter	Thread Spec	Thread Length	Type
	BD42P60	Φ42	9.5N	60	



其他 OTHER

Type	Part No	Item	Spec	Surface Treatment	Usage
	M0625	Wrench Bolt	M6*25	WZ	AL JOINT
	M0620	Wrench Bolt	M6*20	WZ	
	M0625-LP	Wrench Bolt	M6*25	WZ	
	M0620-LP	Wrench Bolt	M6*20	WZ	
	N06	Nut	M6	WZ	
	M0835	Hex Bolt	M8*35	WZ	
	TN06	T-Nut	M6	WZ	
	N08	Nut	M8	WZ	

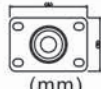


FASTENING RUBBER TYPE

Pipe	Part No.		Wheel Dia (inch)	Wheel Material	 (mm)	 (kg)	 (mm) <A>
	Swivel	Brake					
Aluminum Pipe	TA50S -1	TA50B -1	2"	Polyuerthane	32	50	74
	TA50S -2	TA50B -2		ESD	32	55	
	TA75S -1	TA75B -2	3"	Polyuerthane	32	75	107
	TA75S -2	TA75B -1		ESD	32	90	
	TA100S -1	TA100B -1	4"	Polyuerthane	32	100	130
	TA100S -2	TA100B -2		ESD	32	100	



TOP PLATE TYPE

Part No.			Wheel Dia (inch)	Wheel Material				Plate Dimension(mm)	
Swivel	Brake	Rigid			(mm)	(kg)	(mm)	 (mm)	 (mm)
PA75S-1	PA75B -1	PA75R-1	3"	Polyuerthane	32	90	107	94*65	74.5*45
PA75S-2	PA75B -2	PA75R-2		Soft Rubber	32	80			
PA100S-1	PA100B-1	PA100R-1	4"	Polyuerthane	32	100	130		
PA100S-2	PA100B-2	PA100R-1		Soft Rubber	32	90			
PA125S-1	PA125B-1	PA125R-1	5"	Polyuerthane	32	120	155		
PA125S-2	PA125B-2	PA125R-2		Soft Rubber	32	100			



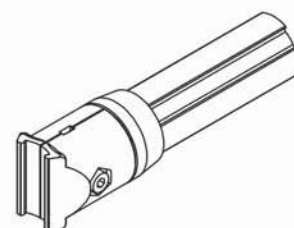
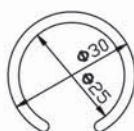
配件 ACCESSORIES

BA-01

Holder



▲Weight:0.0023kg

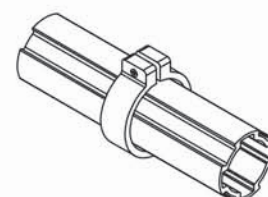
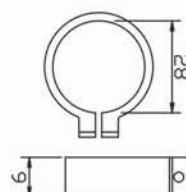


BA-02

Plastic Joint



▲Weight:0.0065kg

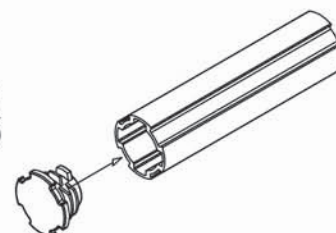
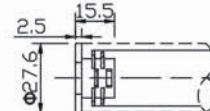


BA-4A

Inner Cap



▲Weight:0.0023kg

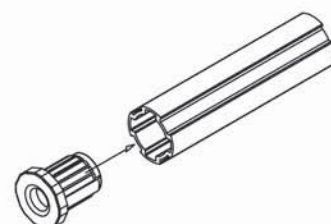
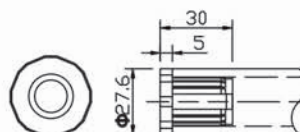


BA-28A

Al Thread Insert



▲Weight:0.0161kg

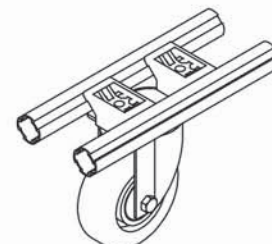
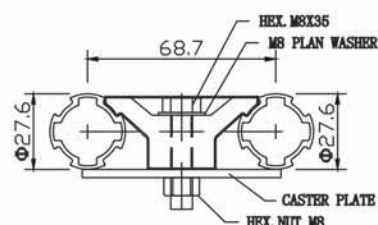


BA-28D

Al Caster Mount

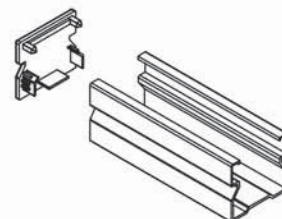
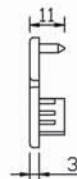
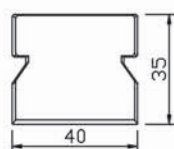


▲Weight:0.0497kg



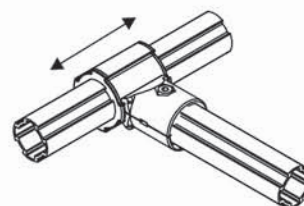
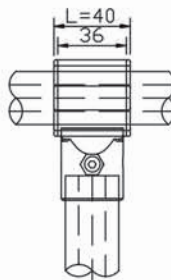
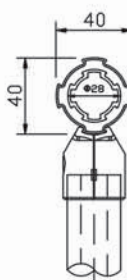


BA-40A Roller Cap



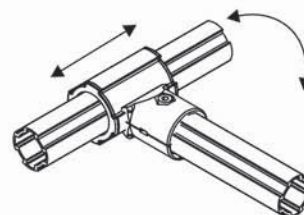
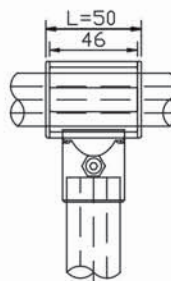
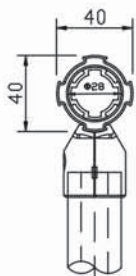
▲Weight:0.0048kg

BA-40S40/80/150/300 Sliding



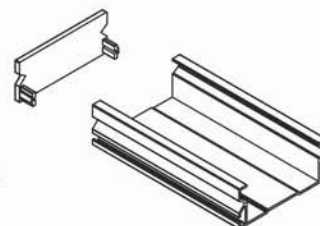
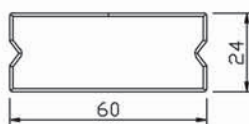
▲Weight:0.0317kg

BA-40R50/100/150/300 Rotating



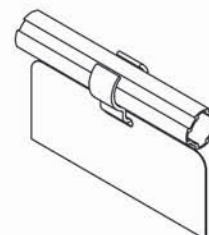
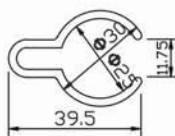
▲Weight:0.0454kg

BA-60A Roller Cap



▲Weight:0.0047kg

BA-150 Lable Case



▲Weight:0.005kg



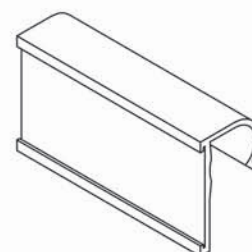
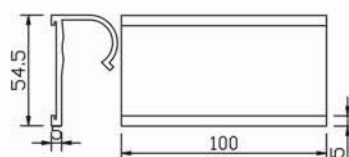
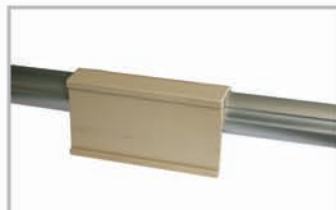
配件 ACCESSORIES

BA-151

Lable Case



▲Weight:0.051kg

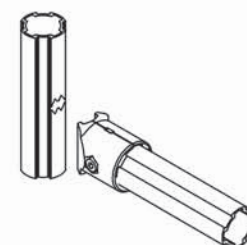
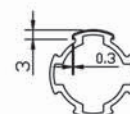
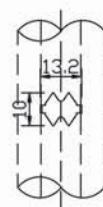


BA-280

Fastening Plate



▲Weight:0.0002kg

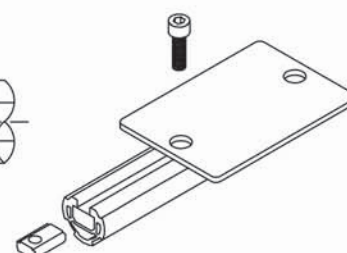
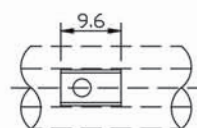
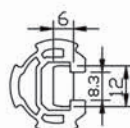


BA-406

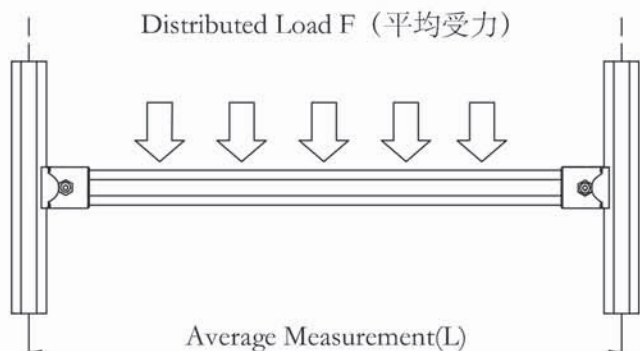
Spring Nut



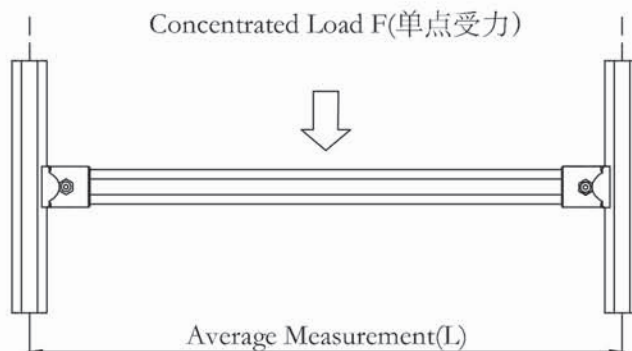
▲Weight:0.009kg



PIPE BENDING STRENGTH

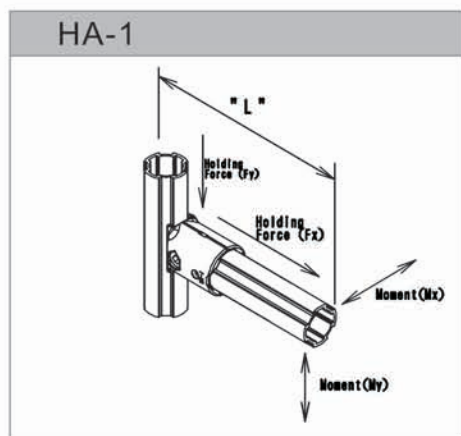


A. Distributed Load Test

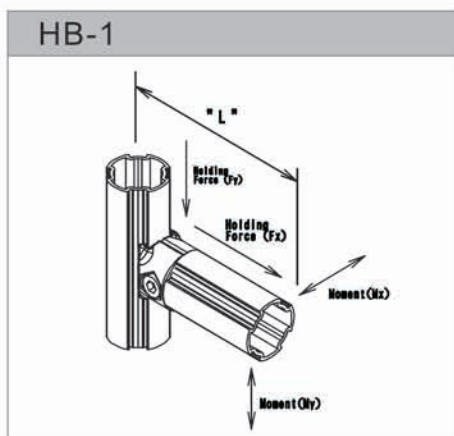


B. Concentrated Load Test

MODEL	TYPE	A. Distributed Load(kg. Max)			B. Concentrated Load(kg. Max)		
		L=300mm	L=800mm	L=1200mm	L=300mm	L=800mm	L=1200mm
AS2812P		450	185	85	350	135	55
AS2820P		720	255	130	500	180	75
AS2812R		405	195	95	280	135	67
AS2820R		690	254	115	475	192	69
AS2820T		800	220	160	490	152	103

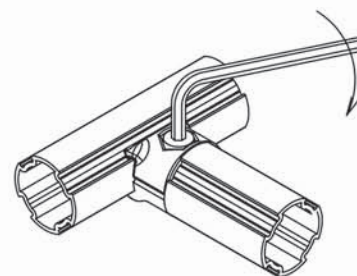


Holding Force (kgf)	Fx	80
	Fy	80
Moment (kgf) (L=80mm)	Mx	9
	My	16



Holding Force (kgf)	Fx	50
	Fy	80
Moment (kgf) (L=80mm)	Mx	7
	My	11

扭力提示 (铝件通用)



铝连接件螺丝的扭紧力8-12 N.m, (这个范围已经达到连接件最佳的卡紧效果) 如果再过力会造成连接件的断裂。

Aluminum joint screw is 8-12 N.m, which already reach the best effect, if large than this, the joint will be broken.



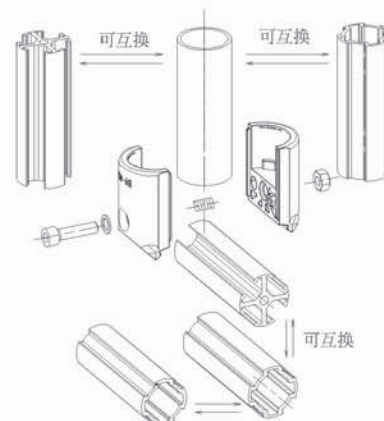
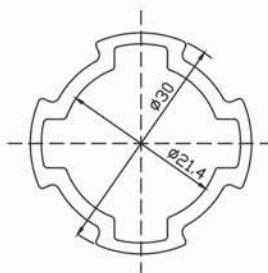
铝管(承重型) ALUMINUM PIPE

AS3015P

Heavy Duty Pipe



▲Weight:0.498kg/m

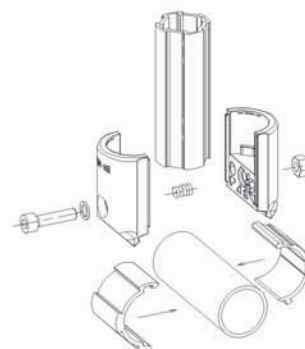
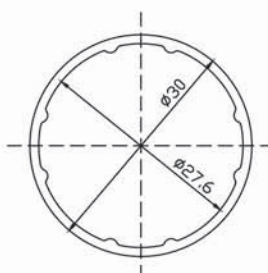


AS3012R

Round Pipe



▲Weight:0.325kg/m

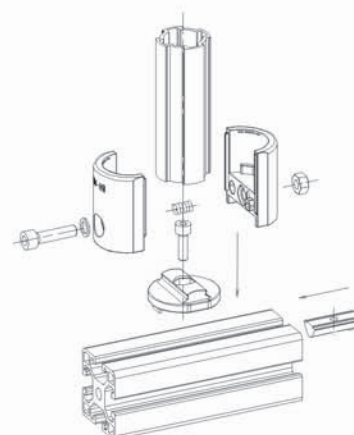
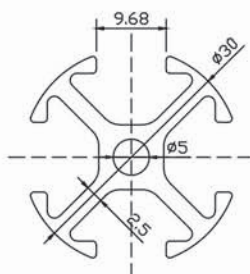


AS3025X

Heavy Duty Pipe



▲Weight:0.588kg/m

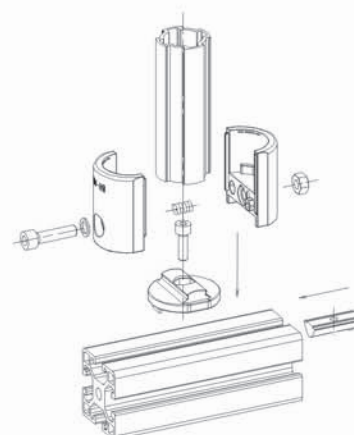
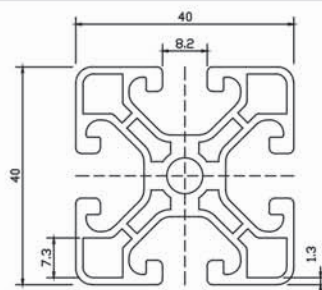


A4040-1.3

Regular Duty Aluminum Profile



▲Weight:1.394kg/m

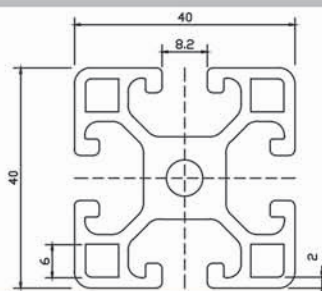


A4040-2.0

Heavy Duty Aluminum Profile

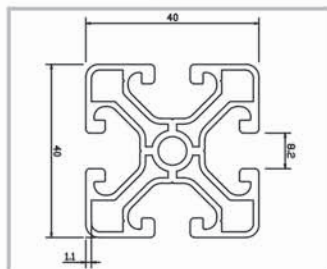
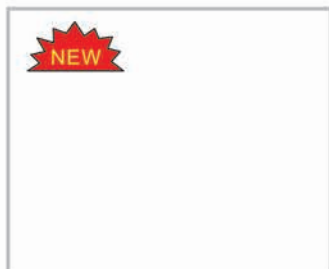


▲Weight:1.691kg/m



A4040-1.1

Regular Duty Aluminum Profile



▲Weight:1.155kg

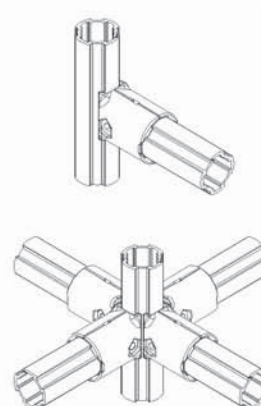
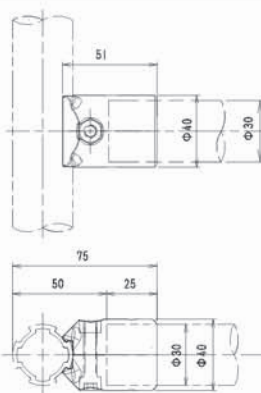
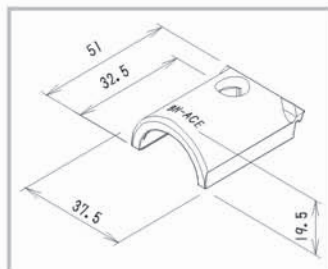


连接件(承重型) ALUMINUM JOINTS

30WA-1



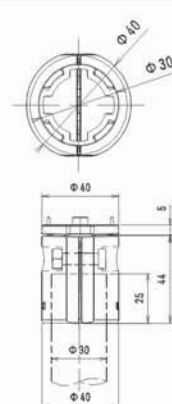
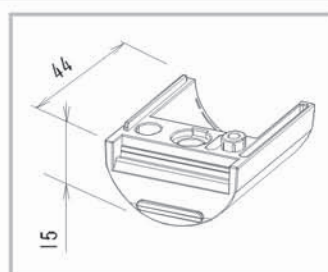
▲Weight:0.045kg



30WA-1A



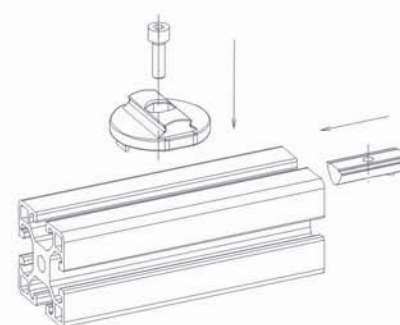
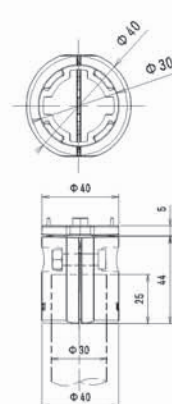
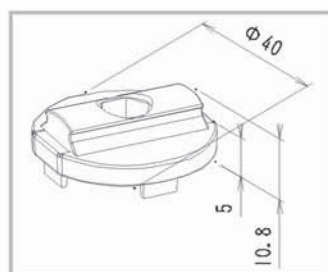
▲Weight:0.039kg



WA-PT



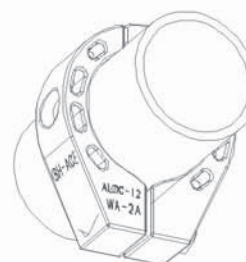
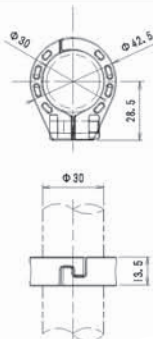
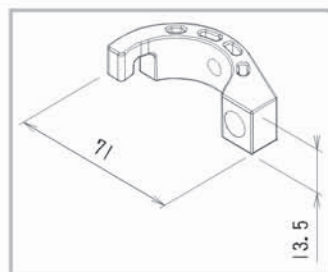
▲Weight:0.018kg



30WA-2A



▲Weight:0.013kg

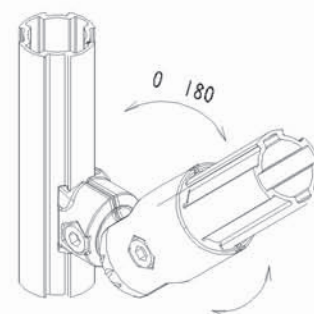
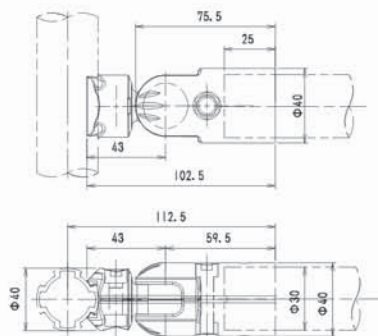
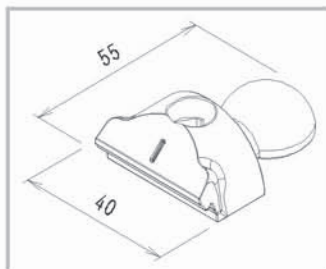


连接件(承重型) ALUMINUM JOINTS

30WA-LA



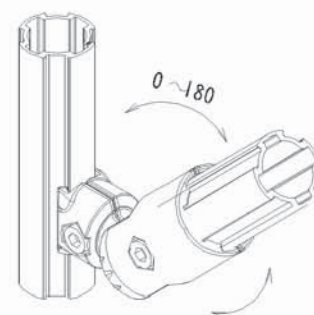
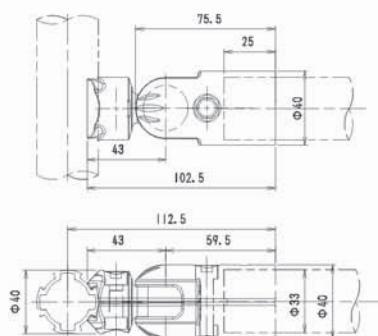
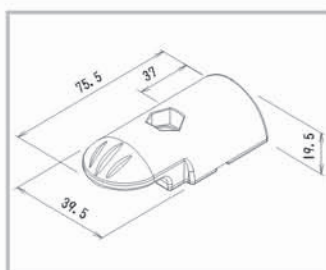
▲Weight:0.039kg



30WA-LB



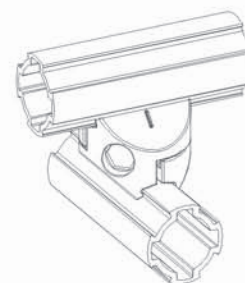
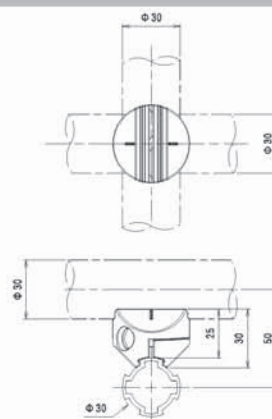
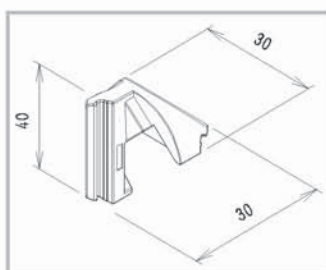
▲Weight:0.060kg



30WA-7S



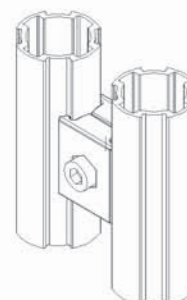
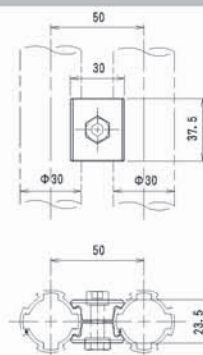
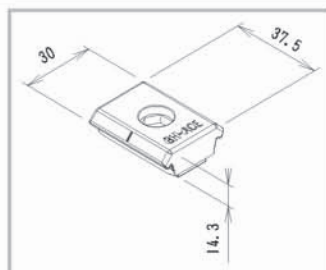
▲Weight:0.030kg



30WA-11



▲Weight:0.023kg

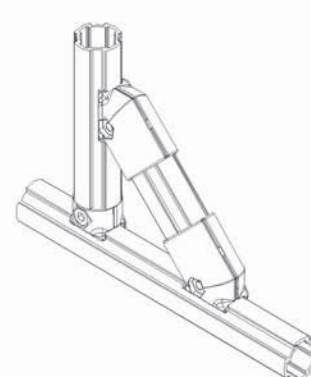
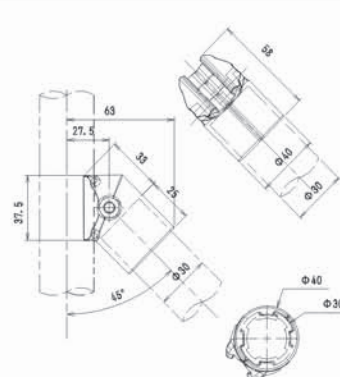
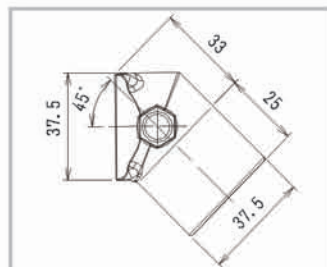


连接件(承重型) ALUMINUM JOINTS

30WA-45L, 30WA-45R



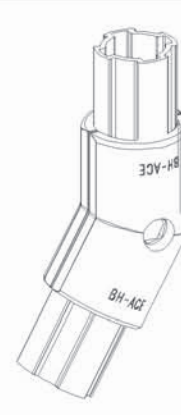
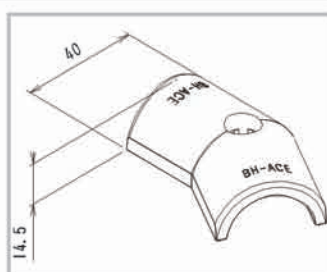
▲Weight: 0.043kg



30WA-30



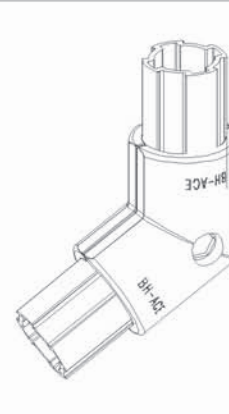
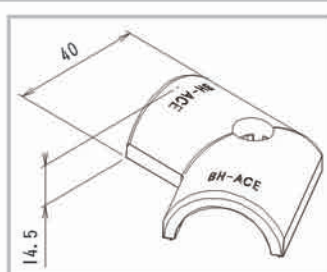
▲Weight: 0.068kg



30WA-60



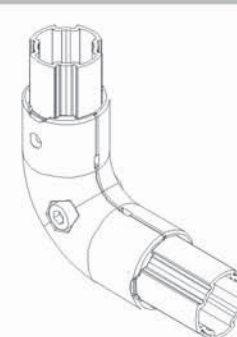
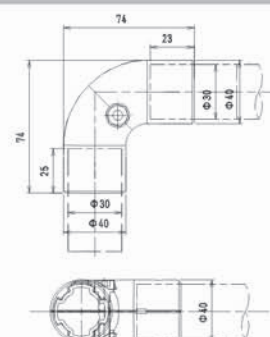
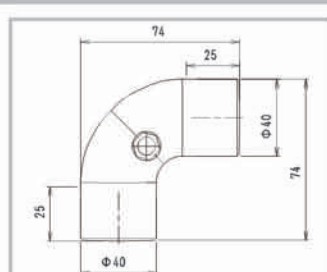
▲Weight: 0.068kg



30WA-90



▲Weight: 0.089kg

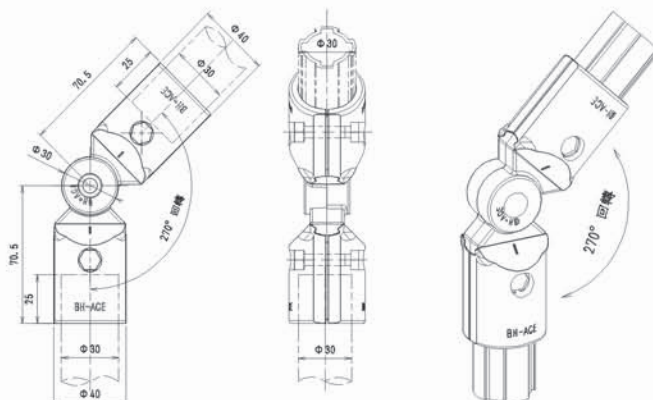
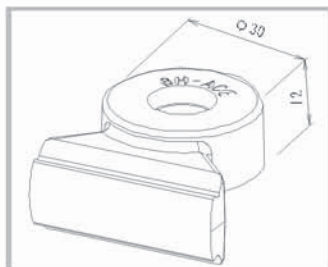


连接件(承重型) ALUMINUM JOINTS

30WA-180



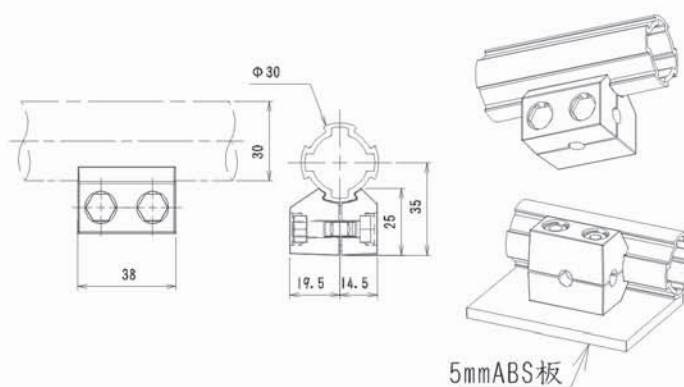
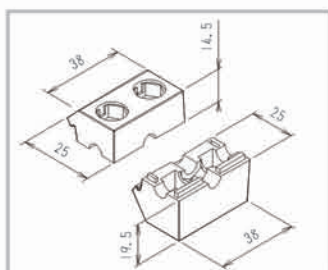
▲Weight:0.030kg



WA-MA,WA-MB



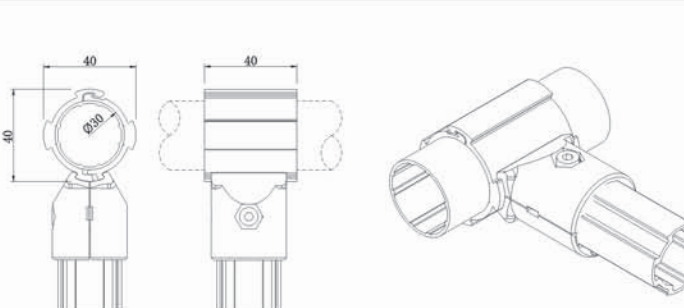
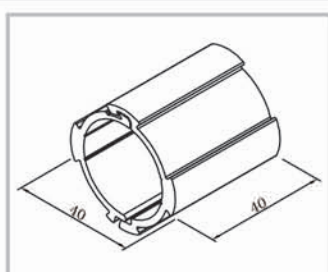
▲Weight:0.072kg/套



30WA-40L,30WA-40R



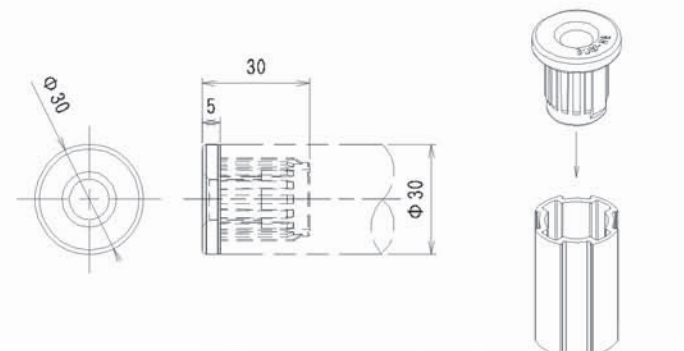
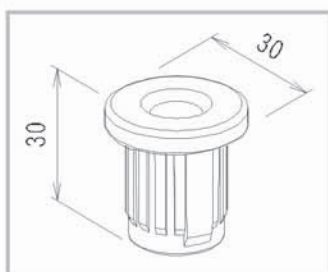
▲Weight:0.038kg/套



BA-30A



▲Weight:0.022kg



连接成套 ASSEMBLED JOINTS



30WA-1:2pcs
M0628/N06:1set
Weight:99g



30WA-2A: 2pcs
M0620/N06: 1set
Weight: 34g



30WA-1A:2pcs WA-PT:1pc
M0628/N06:1set BA40-M0614:1set
Weight:118g



WA-PT:1pc
BA40-M0614:1set
Weight:31g



30WA-LA:2pcs 30WA-LB:2pcs
M0628/N06:1set M0625/N06:1set
Weight:220g



30HA-7S:2pcs
M0625/N06:1set
Weight:70g



30WA-11:2pcs
M0618/N06:1set
Weight:56g



30WA-45:2pcs
M0628/N06:1set
Weight:97g



30WA-30:2pcs
M0628/N06:1set
Weight:146g



30WA-60:2pcs
M0628/N06:1set
Weight:146g



30WA-90: 2pcs
M0625/N06: 1set
Weight: 188g



30WA-180:2pcs
子母螺丝:1套
Weight:70g



30WA-40L: 1pc 30WA-40R: 1pc
Weight:38g/套



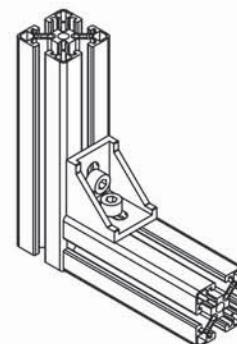
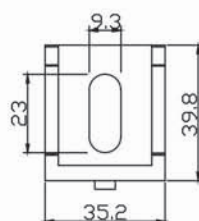
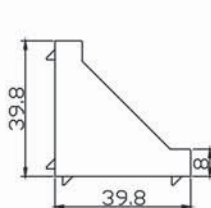
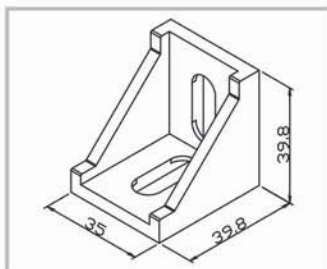
30WA-MA:1pc 30WA-MB:1pcs
M0628/N06:1set
Weight:72g



A4040-L1



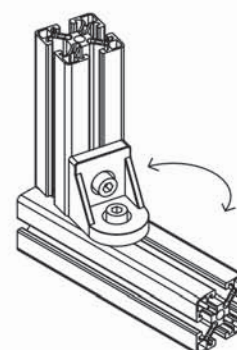
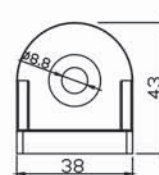
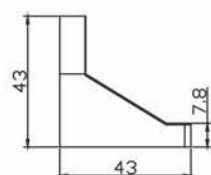
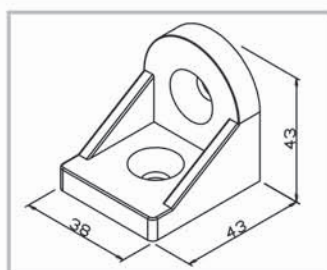
▲Weight:0.031kg



A4040-L2



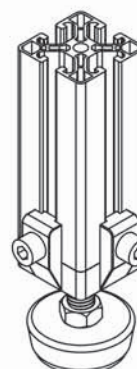
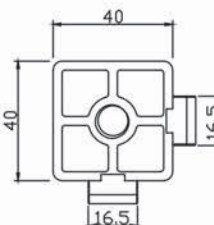
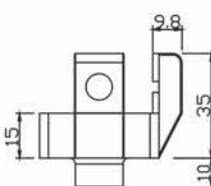
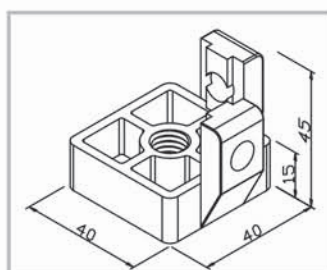
▲Weight:0.042kg



A4040-L3



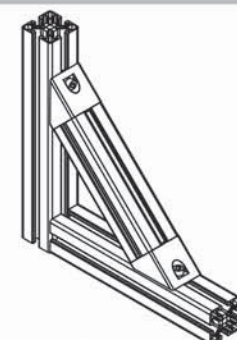
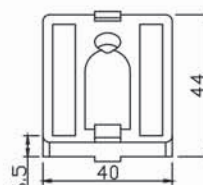
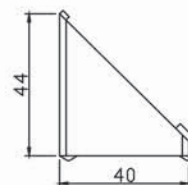
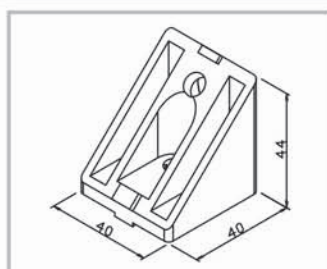
▲Weight:0.051kg



A4040-L45



▲Weight:0.0581kg



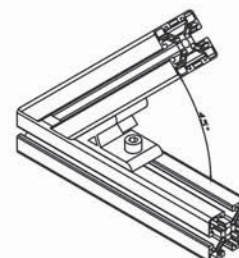
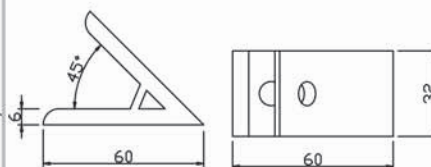
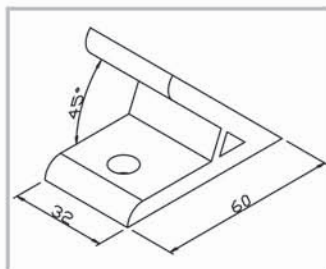


40型材连接件 ALUMINUM JOINTS

A4040-45B



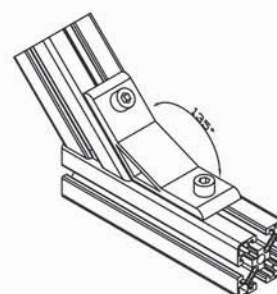
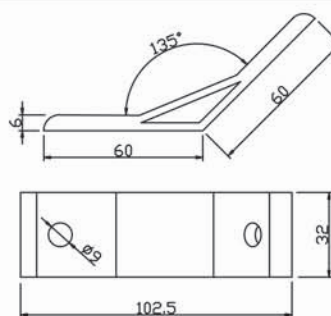
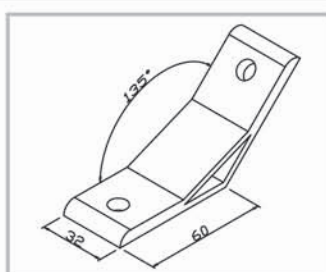
▲Weight:0.046kg



A4040-135B



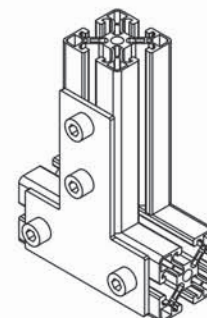
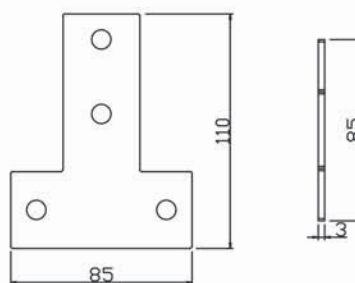
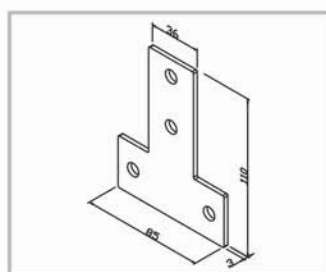
▲Weight:0.056kg



A4040-T



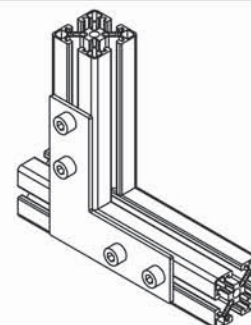
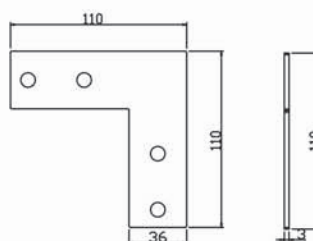
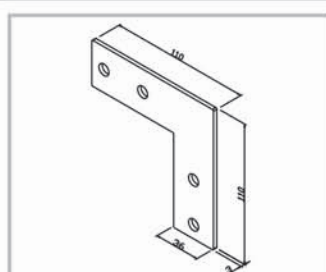
▲Weight:0.126kg



A4040-L



▲Weight:0.145kg

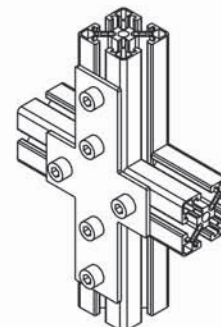
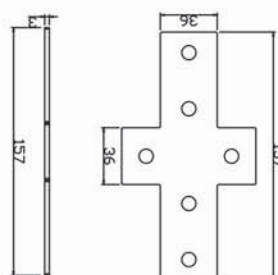
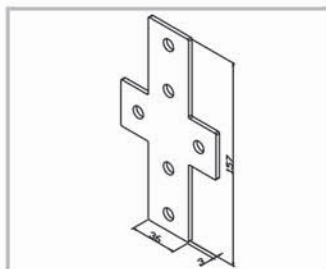




A4040-X



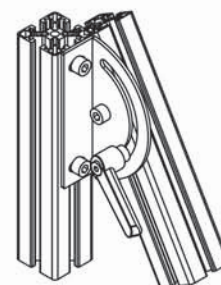
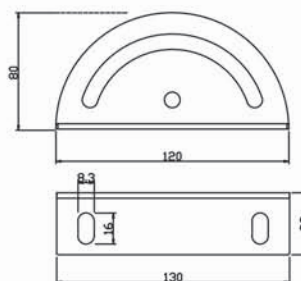
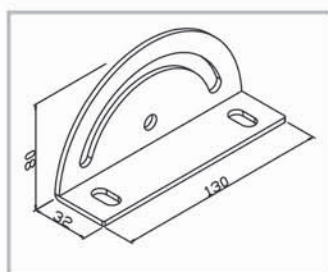
▲Weight:0.167kg



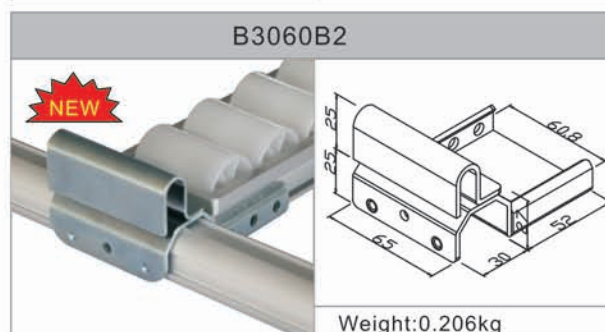
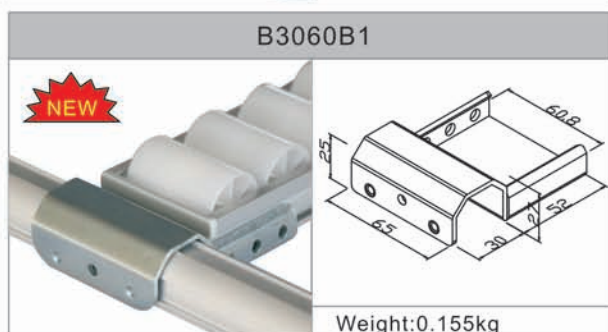
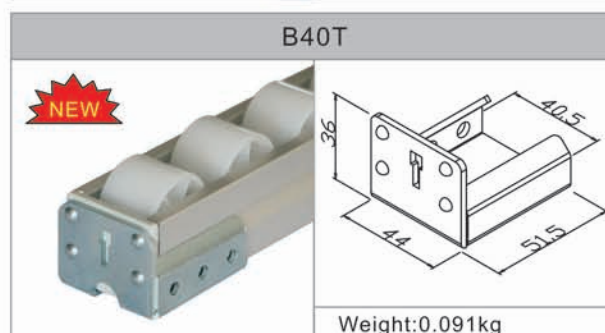
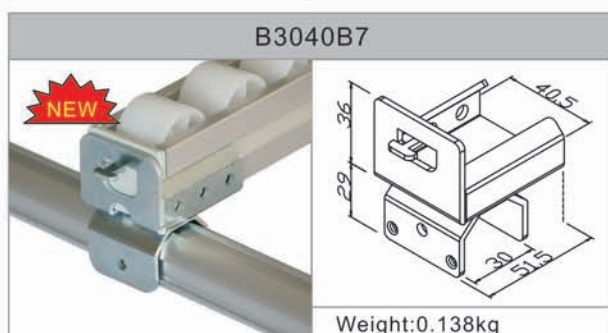
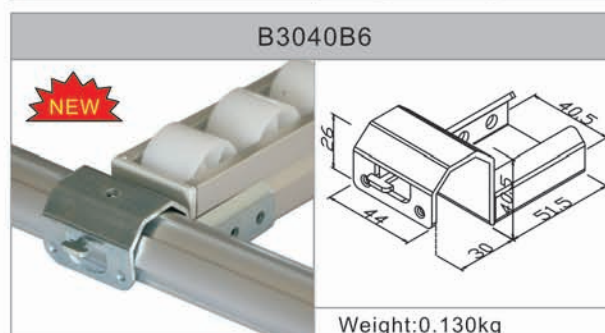
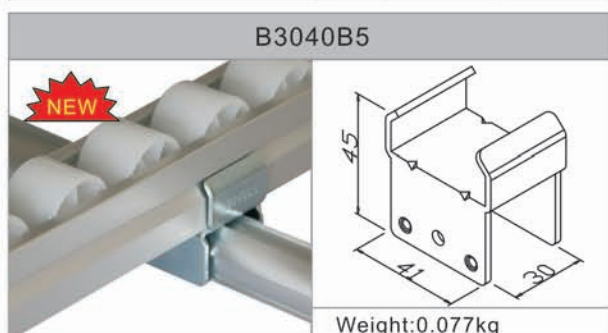
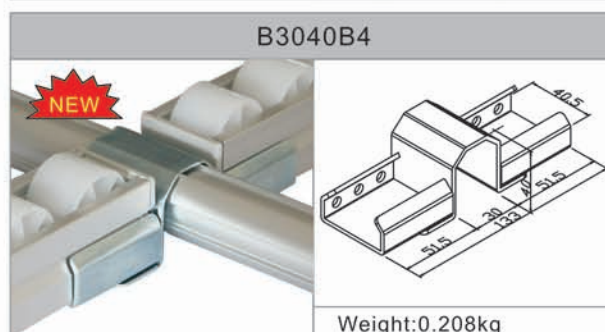
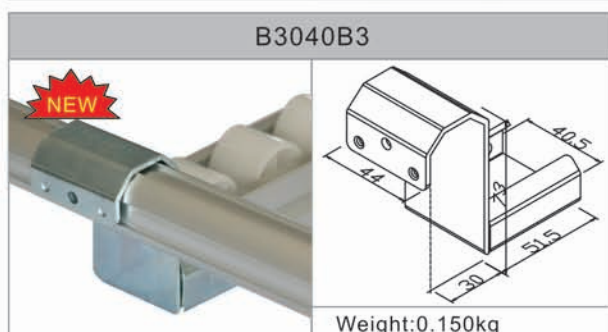
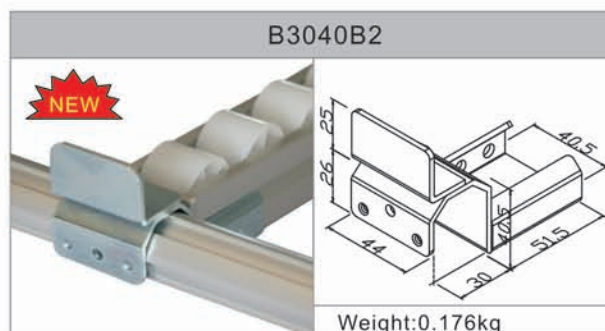
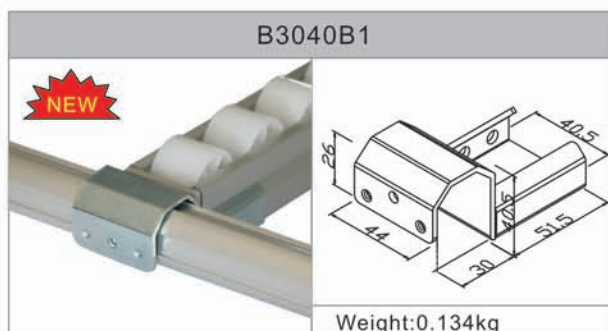
BA40-180

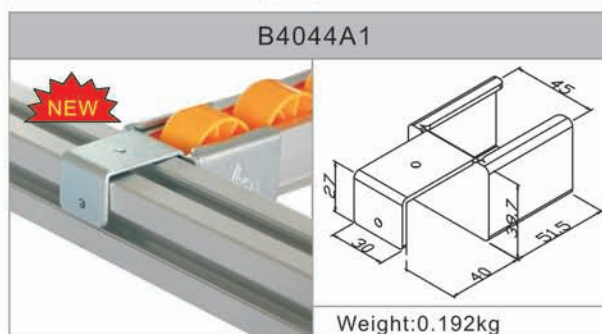
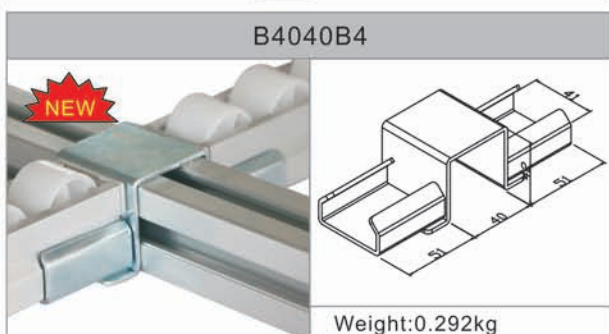
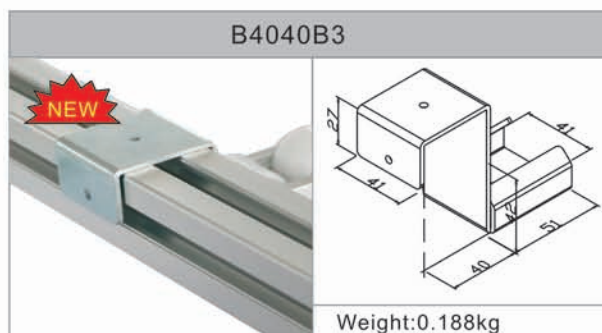
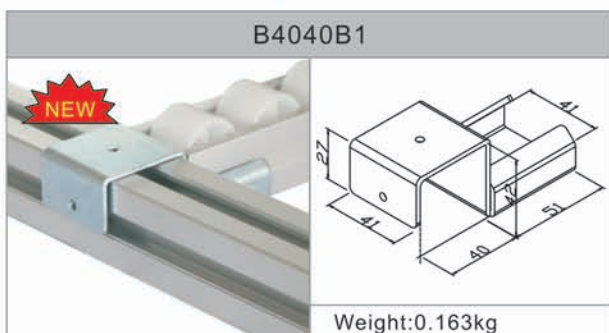
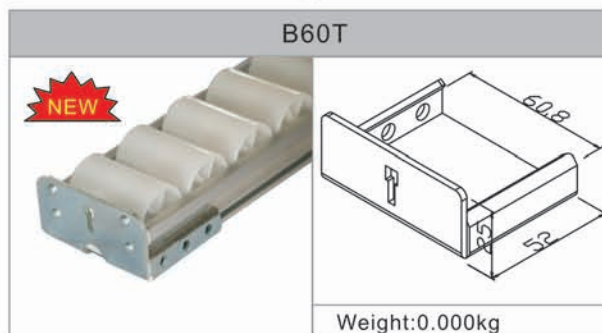
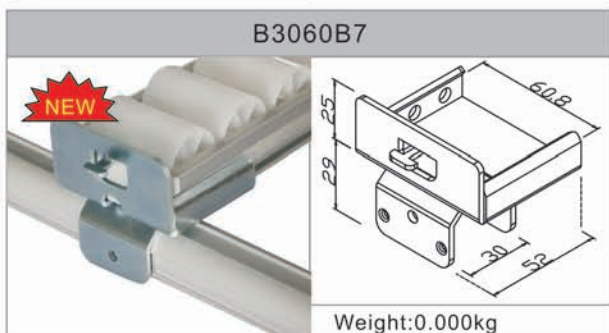
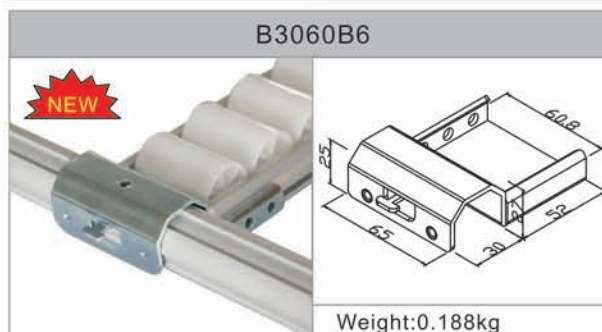
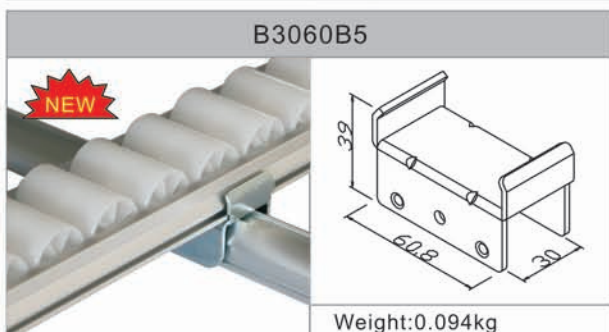
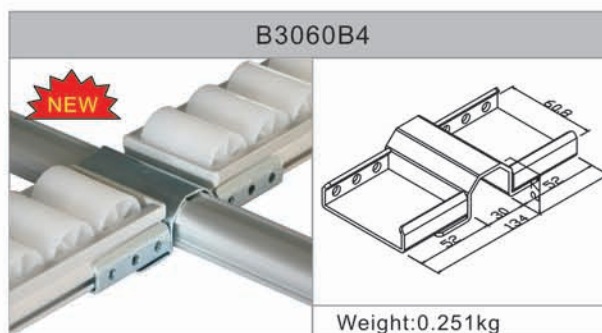
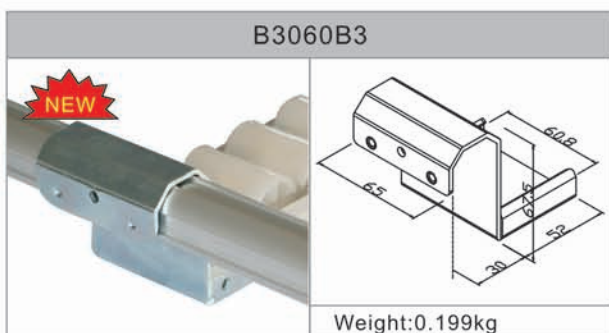


▲Weight:0.208kg



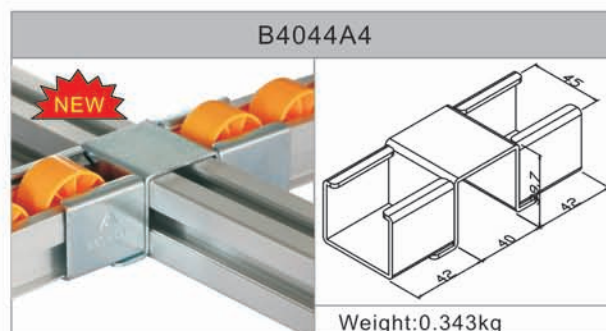
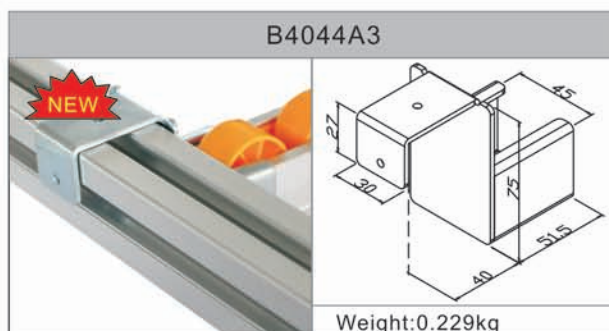
流利条连接件 ROLLER JOINTS







流利条连接件 ROLLER JOINTS

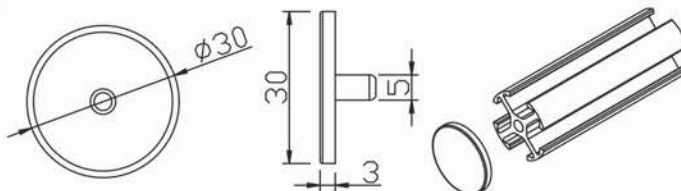




BA30-4A



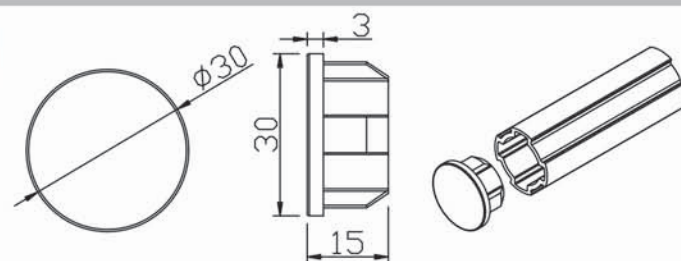
▲Weight:0.002kg



BA30-4B



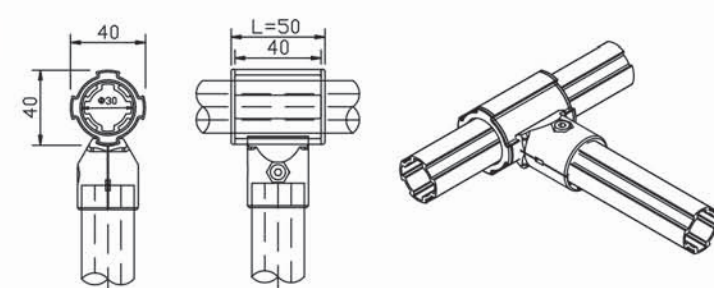
▲Weight:0.005kg



BA30-40R50



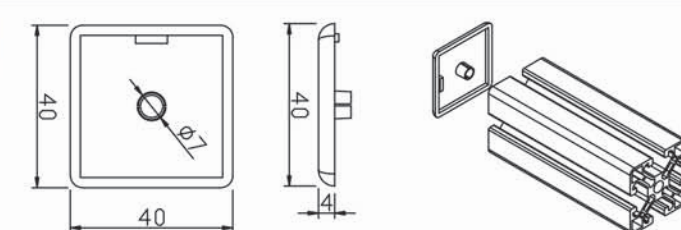
▲Weight:0.038kg



BA40-4A



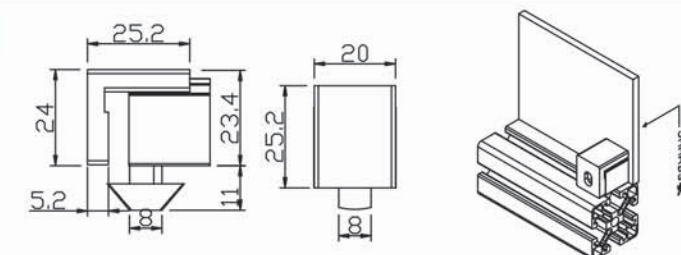
▲Weight:0.005kg



BA40-4M



▲Weight:0.0014kg



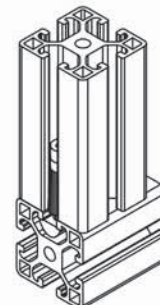
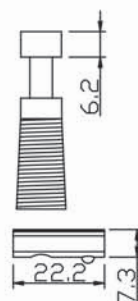
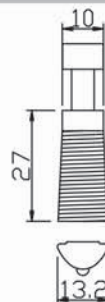


配件 ACCESSORIES

Ba40-407



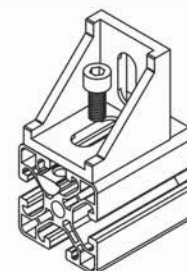
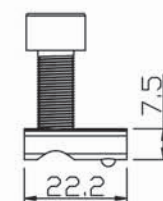
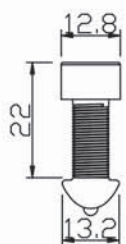
▲Weight:0.018kg



Ba40-M0614,M0814



▲Weight:0.012kg/Weight:0.020kg



BA-5P



可根据客户要求尺寸加工

雕刻机加工

BA-10P



可根据客户要求尺寸加工

雕刻机加工