



## 3.11-3.92

- Anchor Connector
- Die Cast Bracket
- Angle Profile Bracket
- Inner Bracket
- Linear Bar Connector
- Joining Plate
- Butt Connector
- End Connector
- Screw Connector
- Cubic Connector

# 3

## Connecting Elements



P. 3-03



P. 3-07



P. 3-12



P. 3-31



P. 3-32



P. 3-34



P. 3-40



P. 3-41











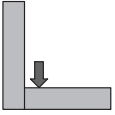







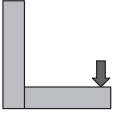







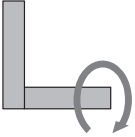







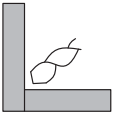























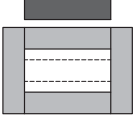







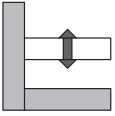







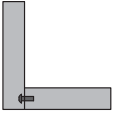







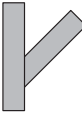









P. 3-42



P. 3-43

Selection Reference

	 Recommended  Suitable  Unsuitable	 Anchor Connector	 Die Cast Bracket	 Angle Profile Bracket	 Inner Bracket	 Butt Connector	 End Connector	 Screw Connector
 High feed force								
 High moment								
 High torsional moment								
 Minimal finishing work								
 Minimal assembly								
 Low parts costs								
 Subsequent mounting in closed frame								
 Adjustment possible								
 Internal connection (concealable)								
 Angle connection								

Modular Assembly System

MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

TFS



Connecting Elements

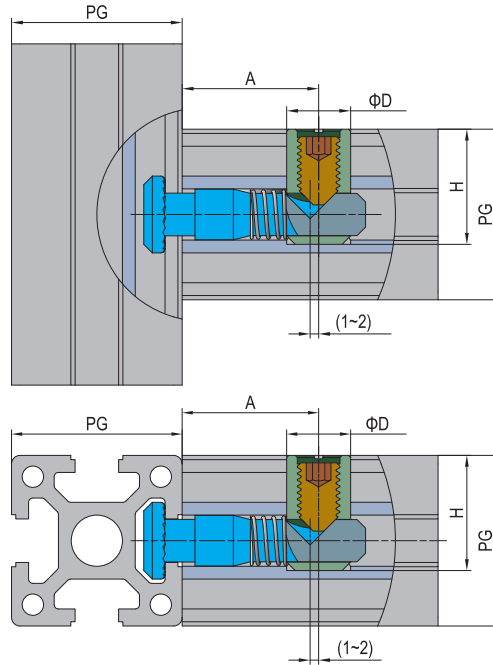
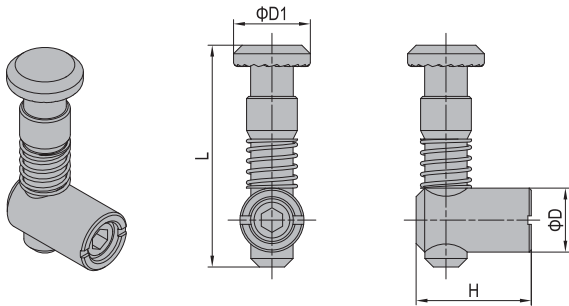
Anchor Connector



Material: zinc plated steel



Universal



Description	A	D	H	D1	L	Mass (g/unit)	Part No.
PG30-Universal	30	12	21	14	45	39	3.11.30.01
PG40-Universal	32	15	27	18	52	62	3.11.40.01
PG45-Universal	30	15	29.5	18	52	64	3.11.45.01

Connecting Elements

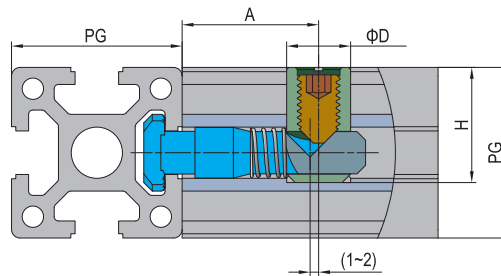
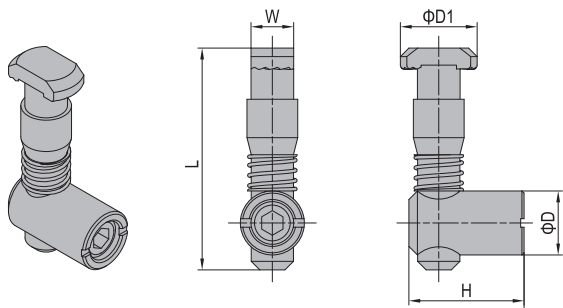
Anchor Connector



Material: zinc plated steel

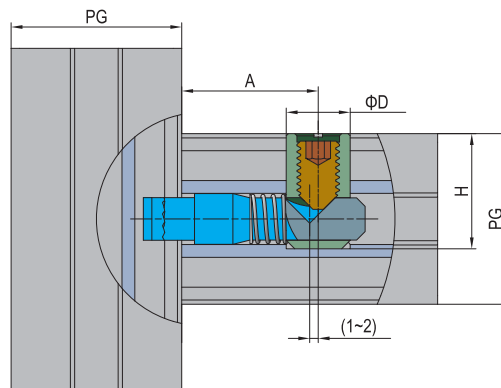
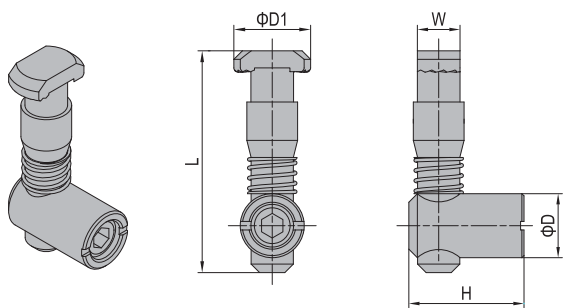


Standard (Model P)



Description	A	D	H	D1	L	W	Mass (g/unit)	Part No.
PG30-Standard (Model P)	30	12	21	14	45	8	38	3.11.30.02
PG40-Standard (Model P)	32	15	27	18	52	10	58	3.11.40.02
PG45-Standard (Model P)	30	15	29.5	18	52	10	60	3.11.45.02

Standard (Model C)

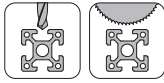


Description	A	D	H	D1	L	W	Mass (g/unit)	Part No.
PG30-Standard (Model C)	30	12	21	14	45	8	38	3.11.30.03
PG40-Standard (Model C)	32	15	27	18	52	10	58	3.11.40.03
PG45-Standard (Model C)	30	15	29.5	18	52	10	60	3.11.45.03

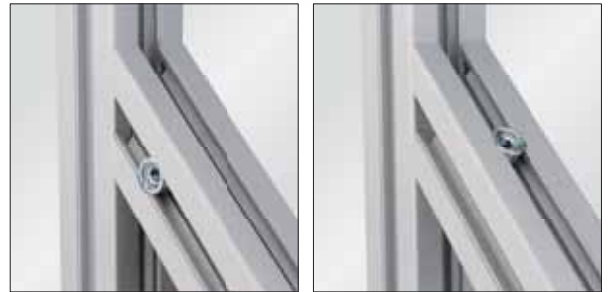


Connecting Elements

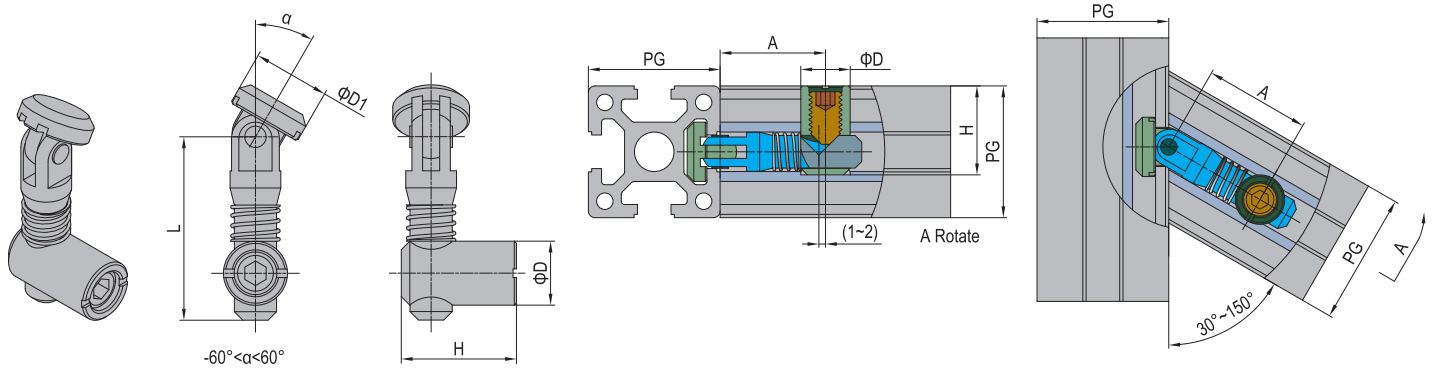
Anchor Connector



Material: zinc plated steel

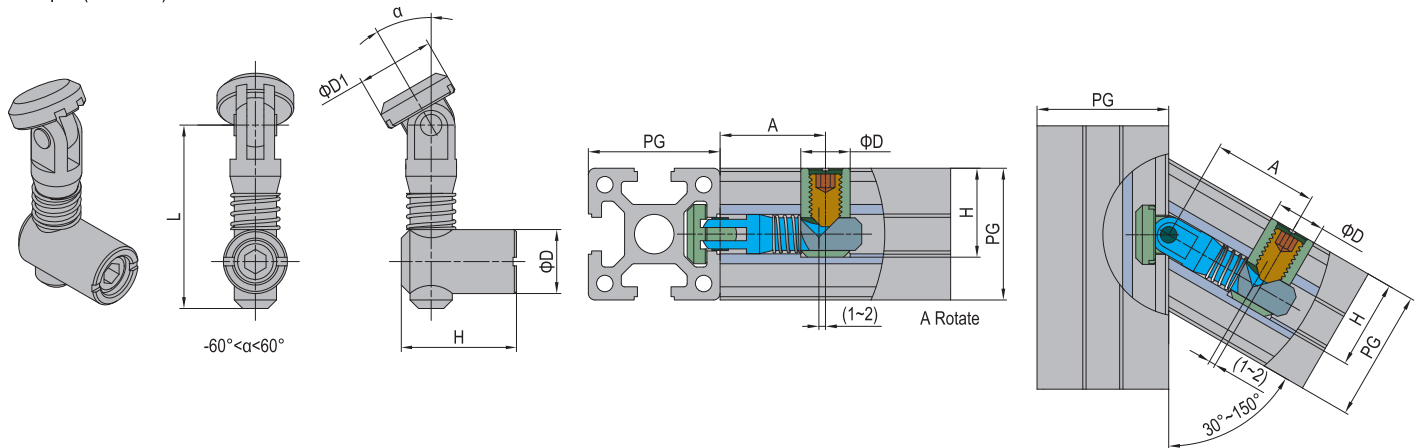


Oblique (Model P)



Description	A	D	H	D1	L	Mass (g/unit)	Part No.
PG30-Oblique (Model P)	30	12	21	14	38.8	55	3.11.30.04
PG40-Oblique (Model P)	32	15	27	18	43	72	3.11.40.04
PG45-Oblique (Model P)	32	15	29.5	18	43	78	3.11.45.04

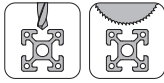
Oblique (Model C)



Description	A	D	H	D1	L	Mass (g/unit)	Part No.
PG30-Oblique (Model C)	30	12	21	14	38.8	55	3.11.30.05
PG40-Oblique (Model C)	32	15	27	18	43	72	3.11.40.05
PG45-Oblique (Model C)	32	15	29.5	18	43	78	3.11.45.05

Connecting Elements

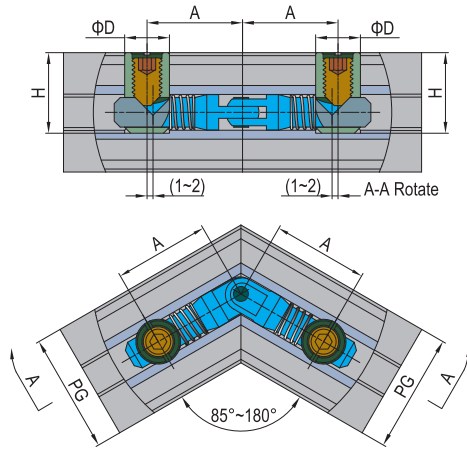
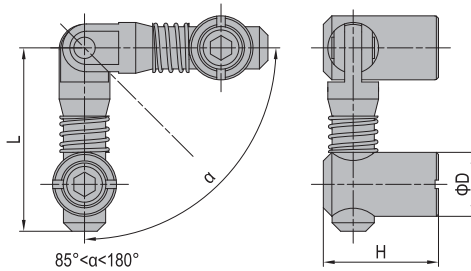
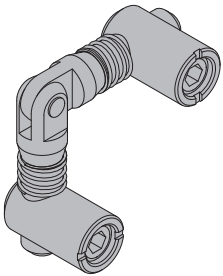
Anchor Connector



Material: zinc plated steel

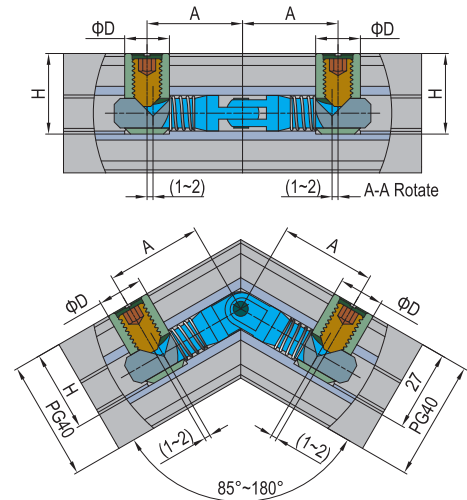
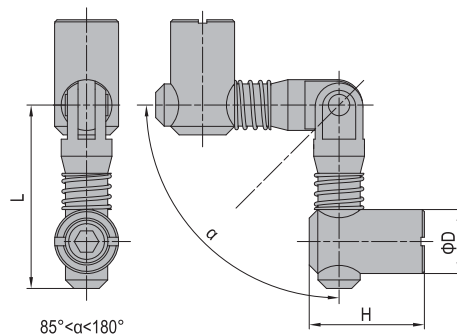
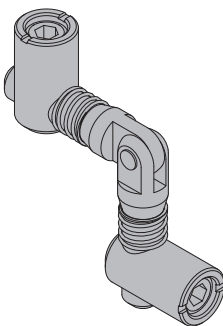


Miter (Model P)



Description	A	D	H	L	Mass (g/unit)	Part No.
PG30-Miter (Model P)	30	12	21	38.8	63	3.11.30.06
PG40-Miter (Model P)	32	15	27	43	97	3.11.40.06
PG45-Miter (Model P)	32	15	29.5	43	100	3.11.45.06

Miter (Model C)



Description	A	D	H	L	Mass (g/unit)	Part No.
PG30-Miter (Model C)	30	12	21	38.8	63	3.11.30.07
PG40-Miter (Model C)	32	15	27	43	97	3.11.40.07
PG45-Miter (Model C)	32	15	29.5	43	100	3.11.45.07



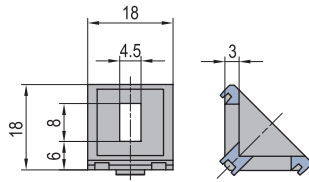
Connecting Elements

Die Cast Bracket

Material: diecast aluminum



PG20-20x20



M	Fastening Set	Z	Fastening Set
	M4x8 Bolt zinc plated		M4x8 Bolt zinc plated
	M4 T Nut nickel plated		M4 Pre-set Nut nickel plated

Description	Fastening Set	Mass (g)	Part No.
PG20-20x20 (pcs)		5	3.21.20.2020
PG20-20x20 (set M)	2xM	12	3.21.20.2020.STM
PG20-20x20 (set Z)	2xZ		3.21.20.2020.STZ

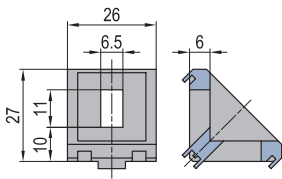
Connecting Elements

Die Cast Bracket

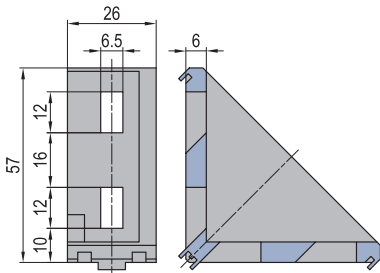
Material: diecast aluminum



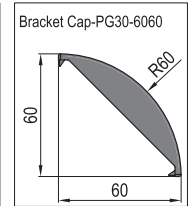
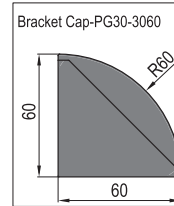
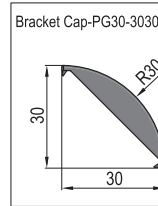
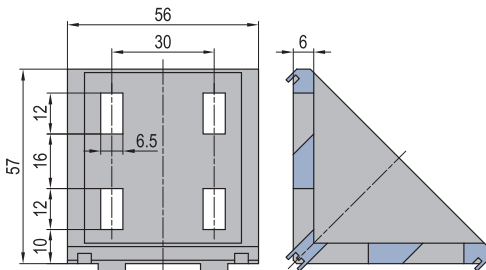
PG30-30x30



PG30-30x60



PG30-60x60



A	Fastening Set	B	Fastening Set
	M6x14 Bolt zinc plated		M6x14 Bolt zinc plated
	M6 Washer zinc plated		M6 Washer zinc plated
	M6 T Nut nickel plated		M6 Pre-set Nut nickel plated

Description	Fastening Set	Mass (g)	Part No.
PG30-30x30 (pcs)		21	3.21.30.3030
PG30-30x30 (set A)	2xA	42	3.21.30.3030.STA
PG30-30x30 (set B)	2xB	48	3.21.30.3030.STB
Bracket Cap-PG30-3030		3	3.22.30.3030
PG30-30x60 (pcs)		53	3.21.30.3060
PG30-30x60 (set A)	4xA	93	3.21.30.3060.STA
PG30-30x60 (set B)	4xB	105	3.21.30.3060.STB
Bracket Cap-PG30-3060		12.4	3.22.30.3060
PG30-60x60 (pcs)		120	3.21.30.6060
PG30-60x60 (set A)	8xA	200	3.21.30.6060.STA
PG30-60x60 (set B)	8xB	224	3.21.30.6060.STB
Bracket Cap-PG30-6060		13.9	3.22.30.6060





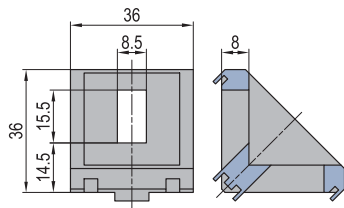
Connecting Elements

Die Cast Bracket

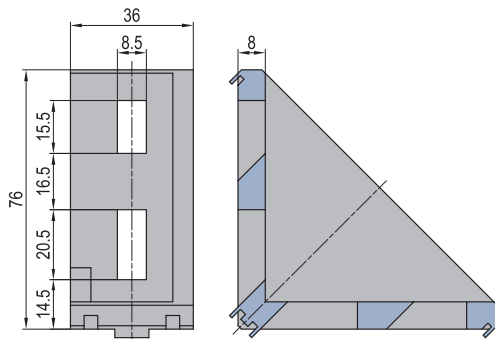
Material: diecast aluminum



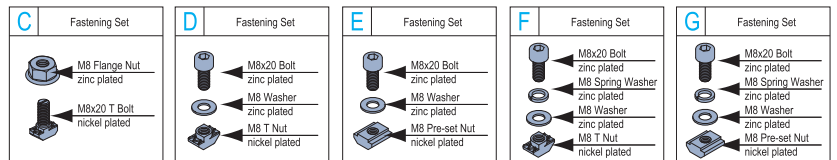
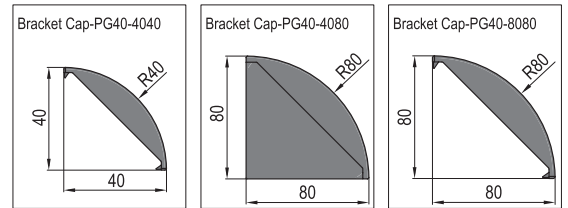
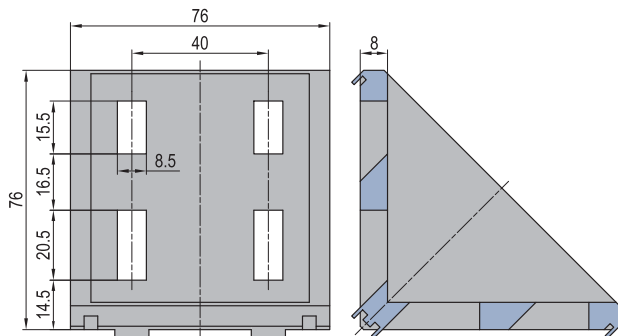
PG40-40x40



PG40-40x80



PG40-80x80



Description	Fastening Set	Mass (g)	Part No.
PG40-40x40 (pcs)		50	3.21.40.4040
PG40-40x40 (set C)	2xC	92	3.21.40.4040.STC
PG40-40x40 (set D)	2xD	92	3.21.40.4040.STD
PG40-40x40 (set E)	2xE	106	3.21.40.4040.STE
Bracket Cap-PG40-4040		6	3.22.40.4040
PG40-40x80 (pcs)		125	3.21.40.4080
PG40-40x80 (set C)	4xC	210	3.21.40.4080.STC
PG40-40x80 (set F)	4xF	220	3.21.40.4080.STF
PG40-40x80 (set G)	4xG	250	3.21.40.4080.STG
Bracket Cap-PG40-4080		22.6	3.22.40.4080
PG40-80x80 (pcs)		260	3.21.40.8080
PG40-80x80 (set C)	8xC	428	3.21.40.8080.STC
PG40-80x80 (set F)	8xF	452	3.21.40.8080.STF
PG40-80x80 (set G)	8xG	508	3.21.40.8080.STG
Bracket Cap-PG40-8080		25.6	3.22.40.8080



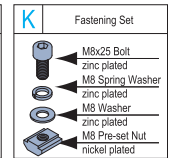
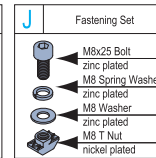
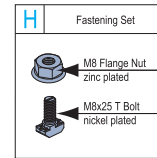
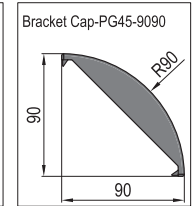
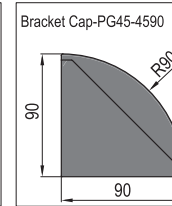
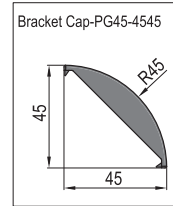
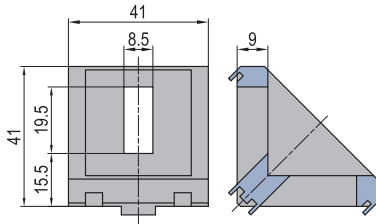
Connecting Elements

Die Cast Bracket

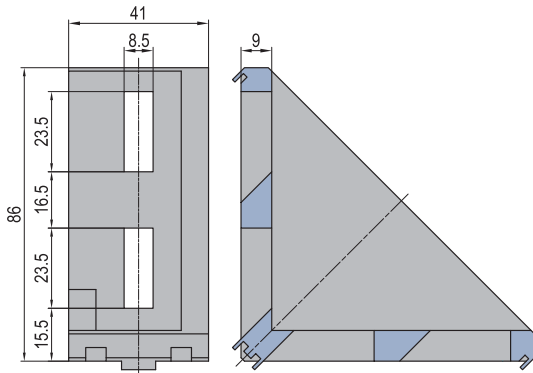
Material: diecast aluminum



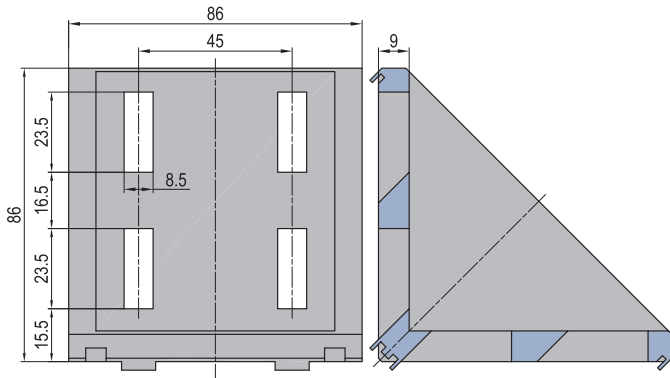
PG45-45x45



PG45-45x90



PG45-90x90



Description	Fastening Set	Mass (g)	Part No.
PG45-45x45 (pcs)		72	3.21.45.4545
PG45-45x45 (set H)	2xH	118	3.21.45.4545.STH
PG45-45x45 (set J)	2xJ	122	3.21.45.4545.STJ
PG45-45x45 (set K)	2xK	134	3.21.45.4545.STK
Bracket Cap-PG45-4545		7.6	3.22.45.4545
PG45-45x90 (pcs)		190	3.21.45.4590
PG45-45x90 (set H)	4xH	282	3.21.45.4590.STH
PG45-45x90 (set J)	4xJ	290	3.21.45.4590.STJ
PG45-45x90 (set K)	4xK	314	3.21.45.4590.STK
Bracket Cap-PG45-4590		28.7	3.22.45.4590
PG45-90x90 (pcs)		390	3.21.45.9090
PG45-90x90 (set H)	8xH	574	3.21.45.9090.STH
PG45-90x90 (set J)	8xJ	590	3.21.45.9090.STJ
PG45-90x90 (set K)	8xK	638	3.21.45.9090.STK
Bracket Cap-PG45-9090		32.5	3.22.45.9090

Modular Assembly System  
MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

TFS



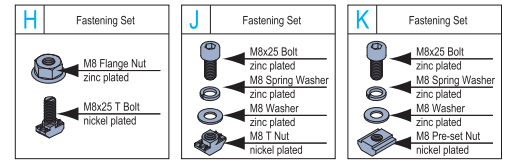
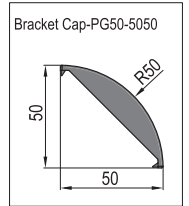
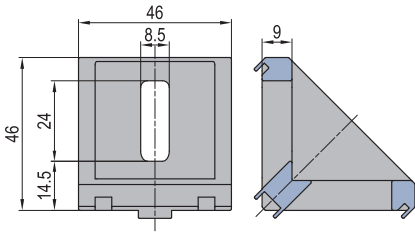
Connecting Elements

Die Cast Bracket **New!**

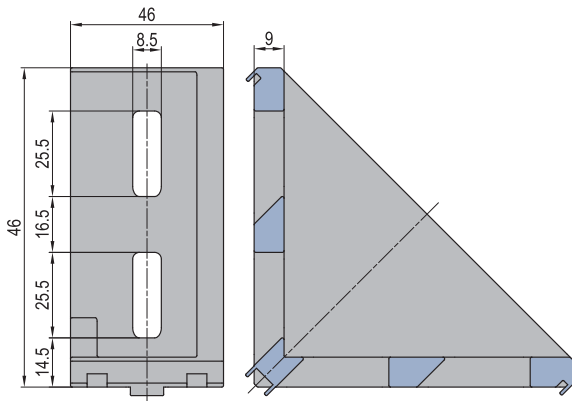
Material: diecast aluminum



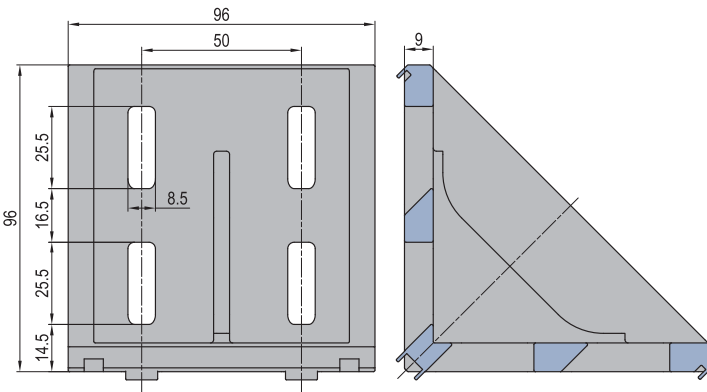
PG50-50x50



PG50-50x100



PG50-100x100



Description	Fastening Set	Mass (g)	Part No.
PG50-50x50 (pcs)		86	3.21.50.5050
PG50-50x50 (set H)	2xH	132	3.21.50.5050.STH
PG50-50x50 (set J)	2xJ	135	3.21.50.5050.STJ
PG50-50x50 (set K)	2xK	152	3.21.50.5050.STK
Bracket Cap-PG50-5050		9.5	3.22.50.5050
PG50-50x100 (pcs)		235	3.21.50.50100
PG50-50x100 (set H)	4xH	327	3.21.50.50100.STH
PG50-50x100 (set J)	4xJ	333	3.21.50.50100.STJ
PG50-50x100 (set K)	4xK	365	3.21.50.50100.STK
PG50-100x100 (pcs)		484	3.21.50.100100
PG50-100x100 (set H)	8xH	668	3.21.50.100100.STH
PG50-100x100 (set J)	8xJ	680	3.21.50.100100.STJ
PG50-100x100 (set K)	8xK	744	3.21.50.100100.STK

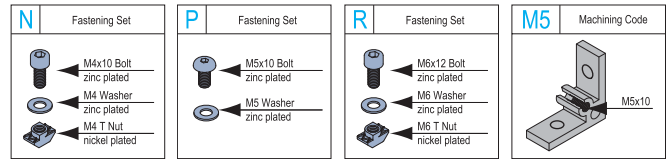
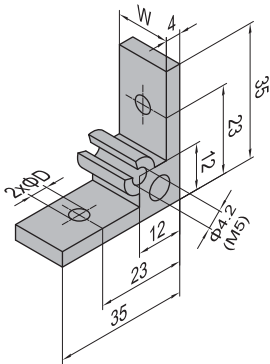
## Connecting Elements





## Angle Profile Bracket

Material: aluminium, anodized (cutting end not anodized)



35x35x4



Application	Description	D (mm)	W (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG15 15mm 	35-15-15 (pc)	4.5	10			8	3.31.35.15.15
	35-15-15 (set)			2xN		20	3.31.35.15.15.ST
	35-15-15 (M5)				M5	8	3.31.35.15.15.M5
	35-15-15 (M5 set)			2xN+1xP	M5	22	3.31.35.15.15.M5.ST
PG15 30mm 	35-15-30 (pc)	4.5	25			21	3.31.35.15.30
	35-15-30 (set)			2xN		33	3.31.35.15.30.ST
	35-15-30 (M5)				M5	21	3.31.35.15.30.M5
	35-15-30 (M5 set)			2xN+1xP	M5	35	3.31.35.15.30.M5.ST
PG20 20mm 	35-20-20 (pc)	4.5	14			12	3.31.35.20.20
	35-20-20 (set)			2xN		24	3.31.35.20.20.ST
	35-20-20 (M5)				M5	12	3.31.35.20.20.M5
	35-20-20 (M5 set)			2xN+1xP	M5	26	3.31.35.20.20.M5.ST
PG30 30mm 	35-30-30 (pc)	6.5	22			19	3.31.35.30.30
	35-30-30 (set)			2xR		42	3.31.35.30.30.ST
	35-30-30 (M5)				M5	19	3.31.35.30.30.M5
	35-30-30 (M5 set)			2xR+1xP	M5	44	3.31.35.30.30.M5.ST



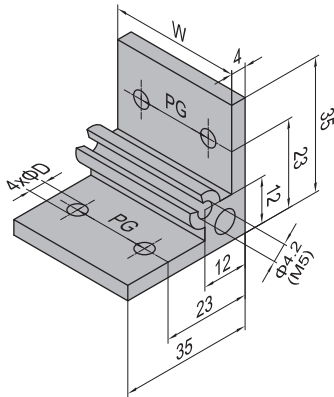
Connecting Elements

Angle Profile Bracket

Material: aluminium, anodized (cutting end not anodized)



35x35x4



N	Fastening Set	P	Fastening Set	R	Fastening Set	M5	Machining Code
	 M4x10 Bolt zinc plated  M4 Washer zinc plated  M4 T Nut nickel plated	 M5x10 Bolt zinc plated  M5 Washer zinc plated	 M6x12 Bolt zinc plated  M6 Washer zinc plated  M6 T Nut nickel plated	 M5x10			

Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG20 40mm 	35-20-40 (pc)	4.5	34	20			29	3.31.35.20.40
	35-20-40 (set)				4xN		50	3.31.35.20.40.ST
	35-20-40 (M5)					M5	29	3.31.35.20.40.M5
	35-20-40 (M5 set)				4xN+1xP	M5	52	3.31.35.20.40.M5.ST
PG30 60mm 	35-30-60 (pc)	6.5	52	30			45	3.31.35.30.60
	35-30-60 (set)				4xR		88	3.31.35.30.60.ST
	35-30-60 (M5)					M5	45	3.31.35.30.60.M5
	35-30-60 (M5 set)				4xR+1xP	M5	90	3.31.35.30.60.M5.ST



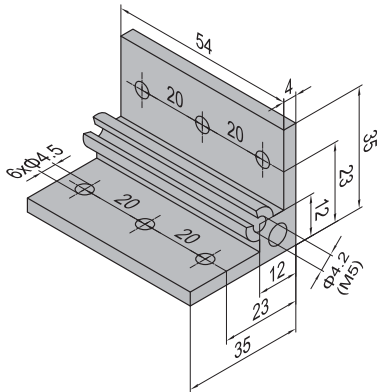
Connecting Elements

Angle Profile Bracket

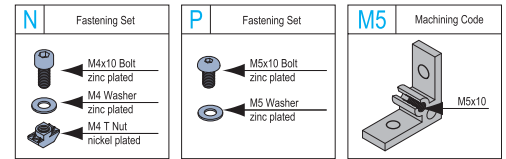
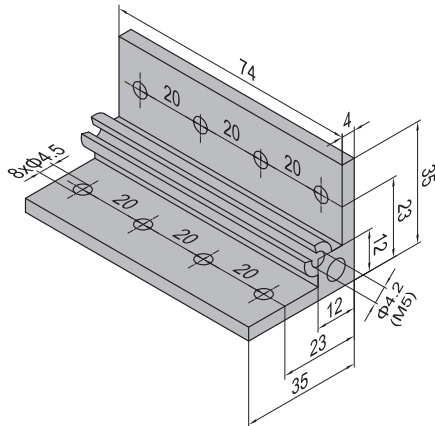
Material: aluminium, anodized (cutting end not anodized)



35x35x4



35x35x4



Application	Description	Fastening Set	Machining Code	Mass (g)	Part No.
PG20 60mm 	35-20-60 (pc)			47	3.31.35.20.60
	35-20-60 (set)	6xN		77	3.31.35.20.60.ST
	35-20-60 (M5)		M5	47	3.31.35.20.60.M5
	35-20-60 (M5 set)	6xN+1xP	M5	79	3.31.35.20.60.M5.ST

Application	Description	Fastening Set	Machining Code	Mass (g)	Part No.
PG20 80mm 	35-20-80 (pc)			64	3.31.35.20.80
	35-20-80 (set)	8xN		103	3.31.35.20.80.ST
	35-20-80 (M5)		M5	64	3.31.35.20.80.M5
	35-20-80 (M5 set)	8xN+1xP	M5	105	3.31.35.20.80.M5.ST

Modular Assembly System  
MAS

Machine Guard System  
MGS

Stair and Platform System  
SPS

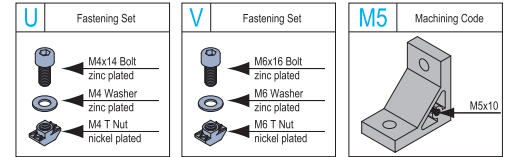
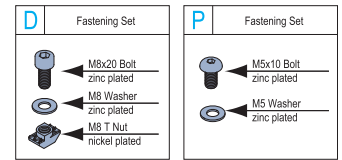
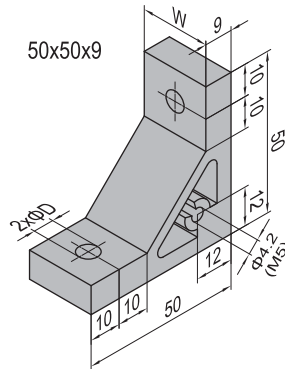
Tubular Framing System  
TFS











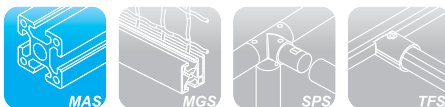
## Connecting Elements

## Angle Profile Bracket

Material: aluminium, anodized (cutting end not anodized)



Application	Description	D (mm)	W (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG20 20mm 	50-20-20 (pc)	4.5	14			31	3.31.50.20.20
	50-20-20 (set)			2xU		43	3.31.50.20.20.ST
	50-20-20 (M5)				M5	31	3.31.50.20.20.M5
	50-20-20 (M5 set)			2xU+1xP	M5	45	3.31.50.20.20.M5.ST
PG30 30mm 	50-30-30 (pc)	6.5	22			48	3.31.50.30.30
	50-30-30 (set)			2xV		71	3.31.50.30.30.ST
	50-30-30 (M5)				M5	48	3.31.50.30.30.M5
	50-30-30 (M5 set)			2xV+1xP	M5	73	3.31.50.30.30.M5.ST
PG40 40mm 	50-40-40 (pc)	8.5	30			66	3.31.50.40.40
	50-40-40 (set)			2xD		112	3.31.50.40.40.ST
	50-40-40 (M5)				M5	66	3.31.50.40.40.M5
	50-40-40 (M5 set)			2xD+1xP	M5	114	3.31.50.40.40.M5.ST
PG40 60mm 	50-40-60 (pc)	8.5	50			110	3.31.50.40.60
	50-40-60 (set)			2xD		156	3.31.50.40.60.ST
	50-40-60 (M5)				M5	110	3.31.50.40.60.M5
	50-40-60 (M5 set)			2xD+1xP	M5	158	3.31.50.40.60.M5.ST
PG45 45mm 	50-45-45 (pcs)	8.5	35			77	3.31.50.45.45
	50-45-45 (set)			2xD		123	3.31.50.45.45.ST
	50-45-45 (M5)				M5	77	3.31.50.45.45.M5
	50-45-45 (M5 set)			2xD+1xP	M5	125	3.31.50.45.45.M5.ST
PG45 60mm 	50-45-60 (pcs)	8.5	50			110	3.31.50.45.60
	50-45-60 (set)			2xD		156	3.31.50.45.60.ST
	50-45-60 (M5)				M5	110	3.31.50.45.60.M5
	50-45-60 (M5 set)			2xD+1xP	M5	158	3.31.50.45.60.M5.ST
PG50 50mm 	50-50-50 (pcs)	8.5	40			88	3.31.50.50.50
	50-50-50 (set)			2xD		134	3.31.50.50.50.ST
	50-50-50 (M5)				M5	88	3.31.50.50.50.M5
	50-50-50 (M5 set)			2xD+1xP	M5	136	3.31.50.50.50.M5.ST
PG60 60mm 	50-60-60 (pc)	8.5	50			110	3.31.50.60.60
	50-60-60 (set)			2xD		156	3.31.50.60.60.ST
	50-60-60 (M5)				M5	110	3.31.50.60.60.M5
	50-60-60 (M5 set)			2xD+1xP	M5	158	3.31.50.60.60.M5.ST



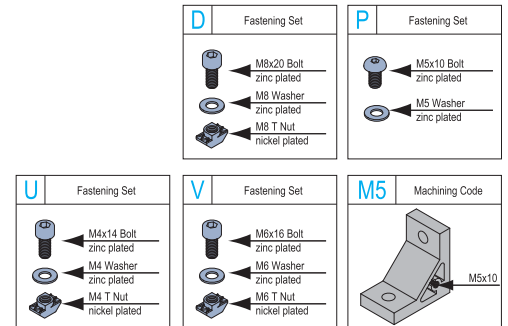
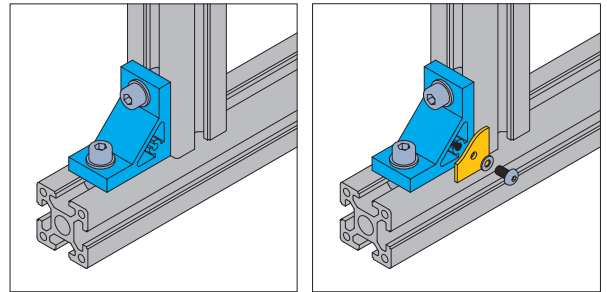
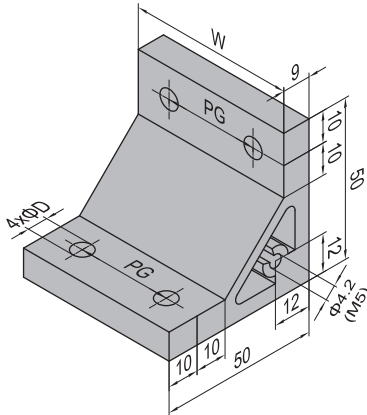
Connecting Elements

Angle Profile Bracket

Material: aluminium, anodized (cutting end not anodized)



50x50x9



Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG20 40mm 	50-20-40 (pc)	4.5	34	20			75	3.31.50.20.40
	50-20-40 (set)				4xU		95	3.31.50.20.40.ST
	50-20-40 (M5)					M5	75	3.31.50.20.40.M5
	50-20-40 (M5 set)				4xU+1xP	M5	97	3.31.50.20.40.M5.ST
PG30 60mm 	50-30-60 (pc)	6.5	52	30			114	3.31.50.30.60
	50-30-60 (set)				4xV		156	3.31.50.30.60.ST
	50-30-60 (M5)					M5	114	3.31.50.30.60.M5
	50-30-60 (M5 set)				4xV+1xP	M5	158	3.31.50.30.60.M5.ST
PG40 80mm 	50-40-80 (pcs/	8.5	70	40			154	3.31.50.40.80
	50-40-80 (set)				4xD		240	3.31.50.40.80.ST
	50-40-80 (M5)					M5	154	3.31.50.40.80.M5
	50-40-80 (M5 set)				4xD+1xP	M5	242	3.31.50.40.80.M5.ST
PG45 90mm 	50-45-90 (pc)	8.5	80	45			176	3.31.50.45.90
	50-45-90 (set)				4xD		262	3.31.50.45.90.ST
	50-45-90 (M5)					M5	176	3.31.50.45.90.M5
	50-45-90 (M5 set)				4xD+1xP	M5	264	3.31.50.45.90.M5.ST
PG50 100mm 	50-50-100 (pc)	8.5	90	50			198	3.31.50.50.100
	50-50-100 (set)				4xD		284	3.31.50.50.100.ST
	50-50-100 (M5)					M5	198	3.31.50.50.100.M5
	50-50-100 (M5 set)				4xD+1xP	M5	286	3.31.50.50.100.M5.ST

Modular Assembly System  
 MAS  
 Machine Guard System  
 MGS  
 Stair and Platform System  
 SPS  
 Tubular Framing System  
 TFS







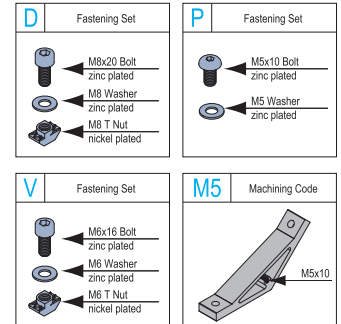
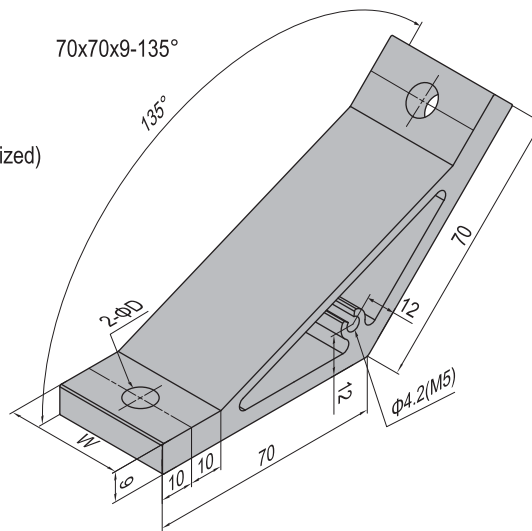


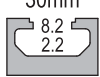
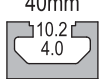
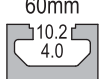
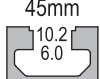
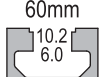
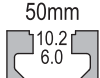
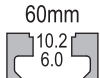
Connecting Elements

Angle Profile Bracket



Material: aluminium, anodized (cutting end not anodized)



Application	Description	D (mm)	W (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 30mm 	70-30-30 (pc)	7	22			71	3.31.70.30.30
	70-30-30 (set)			2xD		94	3.31.70.30.30.ST
	70-30-30 (M5)				M5	71	3.31.70.30.30.M5
	70-30-30 (M5 set)			2xV+1xP	M5	96	3.31.70.30.30.M5.ST
PG40 40mm 	70-40-40 (pc)	9	30			96	3.31.70.40.40
	70-40-40 (set)			2xD		142	3.31.70.40.40.ST
	70-40-40 (M5)				M5	96	3.31.70.40.40.M5
	70-40-40 (M5 set)			2xD+1xP	M5	144	3.31.70.40.40.M5.ST
PG40 60mm 	70-40-60 (pc)	9	50			166	3.31.70.40.60
	70-40-60 (set)			2xD		212	3.31.70.40.60.ST
	70-40-60 (M5)				M5	166	3.31.70.40.60.M5
	70-40-60 (M5 set)			2xD+1xP	M5	214	3.31.70.40.60.M5.ST
PG45 45mm 	70-45-45 (pc)	9	35			113	3.31.70.45.45
	70-45-45 (set)			2xD		159	3.31.70.45.45.ST
	70-45-45 (M5)				M5	113	3.31.70.45.45.M5
	70-45-45 (M5 set)			2xD+1xP	M5	161	3.31.70.45.45.M5.ST
PG45 60mm 	70-45-60 (pc)	9	50			166	3.31.70.45.60
	70-45-60 (set)			2xD		212	3.31.70.45.60.ST
	70-45-60 (M5)				M5	166	3.31.70.45.60.M5
	70-45-60 (M5 Set)			2xD+1xP	M5	214	3.31.70.45.60.M5.ST
PG50 50mm 	70-50-50 (pc)	9	40			131	3.31.70.50.50
	70-50-50 (set)			2xD		177	3.31.70.50.50.ST
	70-50-50 (M5)				M5	131	3.31.70.50.50.M5
	70-50-50 (M5 Set)			2xD+1xP	M5	179	3.31.70.50.50.M5.ST
PG60 60mm 	70-60-60 (pc)	9	50			166	3.31.70.60.60
	70-60-60 (set)			2xD		212	3.31.70.60.60.ST
	70-60-60 (M5)				M5	166	3.31.70.60.60.M5
	70-60-60 (M5 Set)			2xD+1xP	M5	214	3.31.70.60.60.M5.ST



Connecting Elements

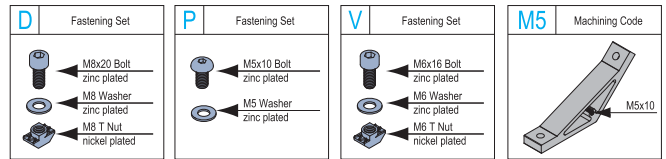
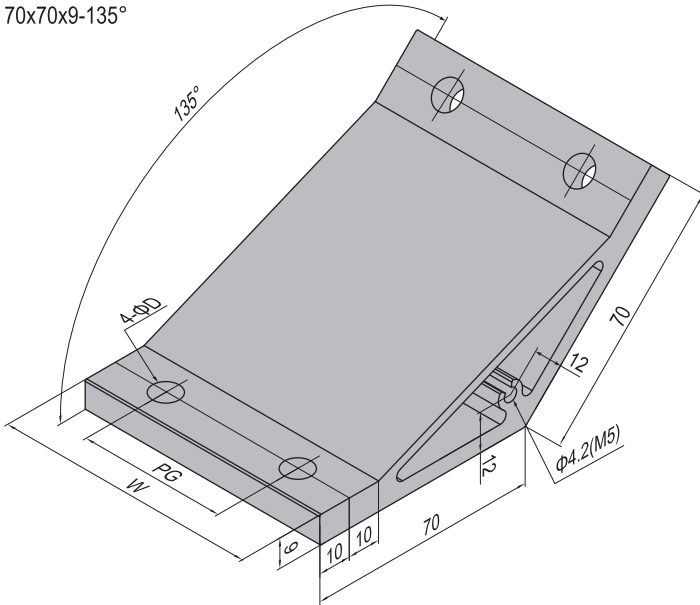
Angle Profile Bracket







Material: aluminium, anodized (cutting end not anodized)



70x70x9-135°



Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 60mm 	70-30-60 (pc)	7	52	30			171	3.31.70.30.60
	70-30-60 (set)				4xD		213	3.31.70.30.60.ST
	70-30-60 (M5)					M5	171	3.31.70.30.60.M5
	70-30-60 (M5 set)				4xV+1xP	M5	215	3.31.70.30.60.M5.ST
PG40 80mm 	70-40-80 (pc)	9	70	40			227	3.31.70.40.80
	70-40-80 (set)				4xD		313	3.31.70.40.80.ST
	70-40-80 (M5)					M5	227	3.31.70.40.80.M5
	70-40-80 (M5 set)				4xD+1xP	M5	315	3.31.70.40.80.M5.ST
PG45 90mm 	70-45-90 (pc)	9	80	45			262	3.31.70.45.90
	70-45-90 (set)				4xD		348	3.31.70.45.90.ST
	70-45-90 (M5)					M5	262	3.31.70.45.90.M5
	70-45-90 (M5 set)				4xD+1xP	M5	350	3.31.70.45.90.M5.ST
PG50 100mm 	70-50-100 (pc)	9	90	50			297	3.31.70.50.100
	70-50-100 (set)				4xD		383	3.31.70.50.100.ST
	70-50-100 (M5)					M5	297	3.31.70.50.100.M5
	70-50-100 (M5 set)				4xD+1xP	M5	385	3.31.70.50.100.M5.ST

Modular Assembly System  
 MAS  
 Machine Guard System  
 MGS  
 Stair and Platform System  
 SPS  
 Tubular Framing System  
 TFS



Connecting Elements

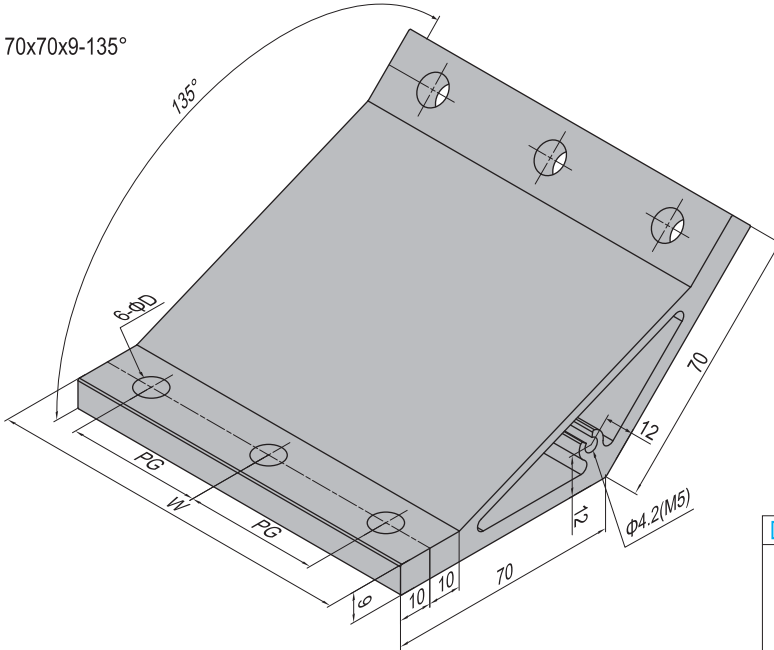
Angle Profile Bracket



Material: aluminium, anodized (cutting end not anodized)



70x70x9-135°



D	Fastening Set	P	Fastening Set	V	Fastening Set	M5	Machining Code
	<ul style="list-style-type: none"> <li>M8x20 Bolt zinc plated</li> <li>M8 Washer zinc plated</li> <li>M8 T Nut nickel plated</li> </ul>		<ul style="list-style-type: none"> <li>M5x10 Bolt zinc plated</li> <li>M5 Washer zinc plated</li> </ul>		<ul style="list-style-type: none"> <li>M6x16 Bolt zinc plated</li> <li>M6 Washer zinc plated</li> <li>M6 T Nut nickel plated</li> </ul>		

Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 90mm 	70-30-90 (pc)	7	82	30			270	3.31.70.30.90
	70-30-90 (set)				6xV		331	3.31.70.30.90.ST
	70-30-90 (M5)					M5	270	3.31.70.30.90.M5
	70-30-90 (M5 set)				6xV+1xP	M5	333	3.31.70.30.90.M5.ST
PG40 120mm 	70-40-120 (pc)	9	110	40			357	3.31.70.40.120
	70-40-120 (set)				6xD		487	3.31.70.40.120.ST
	70-40-120 (M5)					M5	357	3.31.70.40.120.M5
	70-40-120 (M5 set)				6xD+1xP	M5	489	3.31.70.40.120.M5.ST



Connecting Elements

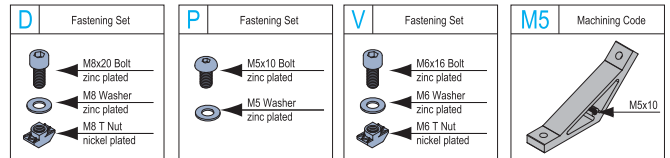
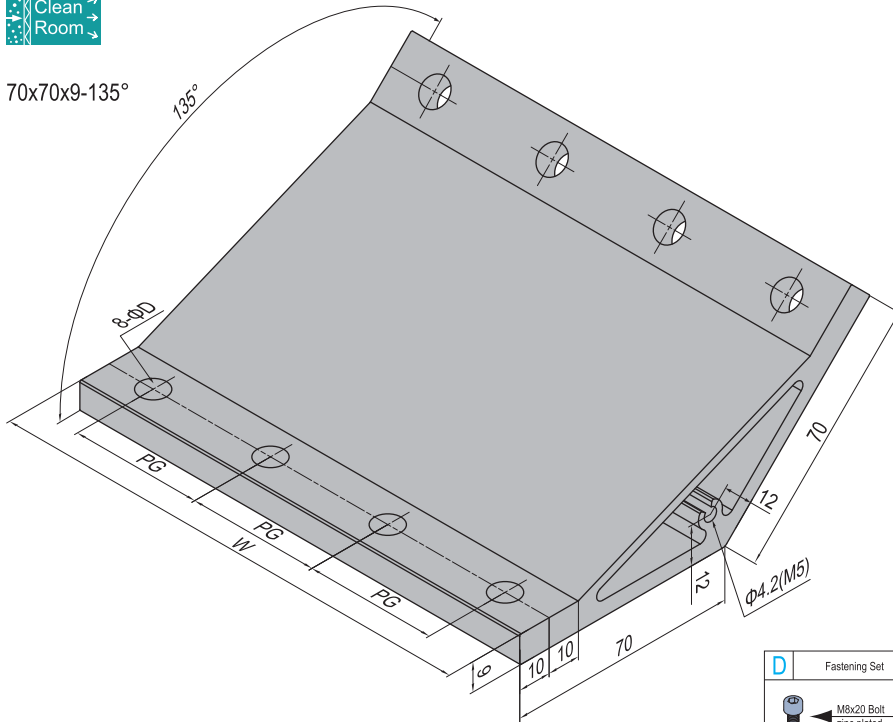
Angle Profile Bracket






Material: aluminium, anodized (cutting end not anodized)



70x70x9-135°



Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 120mm 	70-30-120 (pc)	7	112	30			369	3.31.70.30.120
	70-30-120 (set)				8xD		449	3.31.70.30.120.ST
	70-30-120 (M5)					M5	369	3.31.70.30.120.M5
	70-30-120 (M5 set)				8xV+1xP	M5	451	3.31.70.30.120.M5.ST
PG40 160mm 	70-40-160 (pc)	9	150	40			488	3.31.70.40.160
	70-40-160 (set)				8xD		660	3.31.70.40.160.ST
	70-40-160 (M5)					M5	488	3.31.70.40.160.M5
	70-40-160 (M5 set)				8xD+1xP	M5	662	3.31.70.40.160.M5.ST
PG45 180mm 	70-45-180 (pc)	9	170	45			558	3.31.70.45.180
	70-45-180 (set)				8xD		730	3.31.70.45.180.ST
	70-45-180 (M5)					M5	558	3.31.70.45.180.M5
	70-45-180 (M5 set)				8xD+1xP	M5	732	3.31.70.45.180.M5.ST

Modular Assembly System

MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

TFS



## Connecting Elements

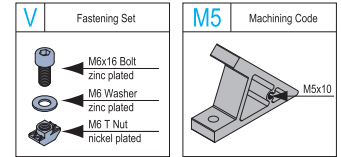
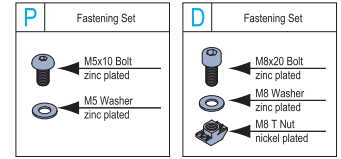
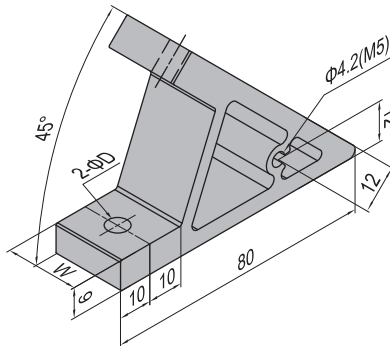
## Angle Profile Bracket










Material: aluminium, anodized (cutting end not anodized)



80x80x9-45°



Application	Description	D (mm)	W (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 30mm 	80-30-30 (pc)	7	22			68	3.31.80.30.30
	80-30-30 (set)			2xV		91	3.31.80.30.30.ST
	80-30-30 (M5)				M5	68	3.31.80.30.30.M5
	80-30-30 (M5 set)			2xV+1xP	M5	93	3.31.80.30.30.M5.ST
PG40 40mm 	80-40-40 (pc)	9	30			89	3.31.80.40.40
	80-40-40 (set)			2xD		135	3.31.80.40.40.ST
	80-40-40 (M5)				M5	89	3.31.80.40.40.M5
	80-40-40 (M5 set)			2xD+1xP	M5	137	3.31.80.40.40.M5.ST
PG40 60mm 	80-40-60 (pc)	9	50			151	3.31.80.40.60
	80-40-60 (set)			2xD		197	3.31.80.40.60.ST
	80-40-60 (M5)				M5	151	3.31.80.40.60.M5
	80-40-60 (M5 set)			2xD+1xP	M5	199	3.31.80.40.60.M5.ST
PG45 45mm 	80-45-45 (pc)	9	35			105	3.31.80.45.45
	80-45-45 (set)			2xD		151	3.31.80.45.45.ST
	80-45-45 (M5)				M5	105	3.31.80.45.45.M5
	80-45-45 (M5 set)			2xD+1xP	M5	153	3.31.80.45.45.M5.ST
PG45 60mm 	80-45-60 (pc)	9	50			151	3.31.80.45.60
	80-45-60 (set)			2xD		197	3.31.80.45.60.ST
	80-45-60 (M5)				M5	151	3.31.80.45.60.M5
	80-45-60 (M5 set)			2xD+1xP	M5	199	3.31.80.45.60.M5.ST
PG50 50mm 	80-50-50 (pc)	9	50			120	3.31.80.50.50
	80-50-50 (set)			2xD		166	3.31.80.50.50.ST
	80-50-50 (M5)				M5	120	3.31.80.50.50.M5
	80-50-50 (M5 set)			2xD+1xP	M5	168	3.31.80.50.50.M5.ST
PG60 60mm 	80-60-60 (pc)	9	50			151	3.31.80.60.60
	80-60-60 (set)			2xD		197	3.31.80.60.60.ST
	80-60-60 (M5)				M5	151	3.31.80.60.60.M5
	80-60-60 (M5 set)			2xD+1xP	M5	199	3.31.80.60.60.M5.ST



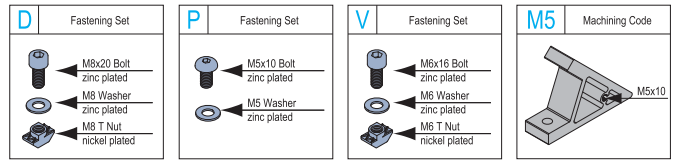
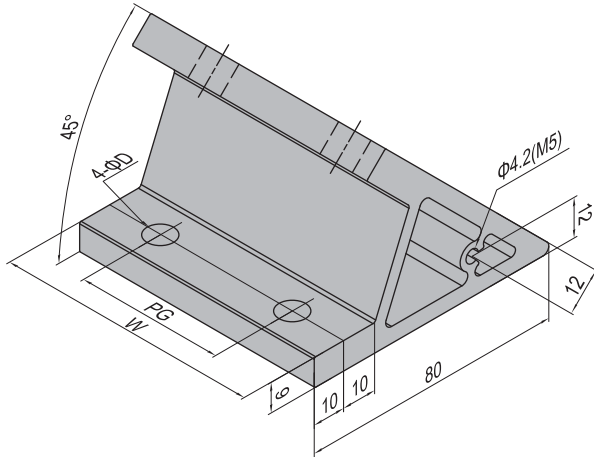
Connecting Elements

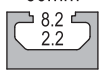
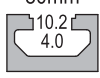
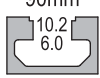
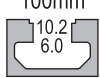


Material: aluminium, anodized (cutting end not anodized)



80x80x9-45°



Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 60mm 	80-30-60 (pc)	7	52	30			156	3.31.80.30.60
	80-30-60 (set)				4xV		198	3.31.80.30.60.ST
	80-30-60 (M5)					M5	156	3.31.80.30.60.M5
	80-30-60 (M5 set)				4xV+1xP	M5	200	3.31.80.30.60.M5.ST
PG40 80mm 	80-40-80 (pc)	9	70	40			209	3.31.80.40.80
	80-40-80 (set)				4xD		295	3.31.80.40.80.ST
	80-40-80 (M5)					M5	209	3.31.80.40.80.M5
	80-40-80 (M5 set)				4xD+1xP	M5	297	3.31.80.40.80.M5.ST
PG45 90mm 	80-45-90 (pc)	9	80	45			240	3.31.80.45.90
	80-45-90 (set)				4xD		326	3.31.80.45.90.ST
	80-45-90 (M5)					M5	240	3.31.80.45.90.M5
	80-45-90 (M5 set)				4xD+1xP	M5	328	3.31.80.45.90.M5.ST
PG50 100mm 	80-50-100 (pc)	9	90	50			271	3.31.80.50.100
	80-50-100 (set)				4xD		357	3.31.80.50.100.ST
	80-50-100 (M5)					M5	271	3.31.80.50.100.M5
	80-50-100 (M5 set)				4xD+1xP	M5	359	3.31.80.50.100.M5.ST

Modular Assembly System

MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

TFS





Connecting Elements

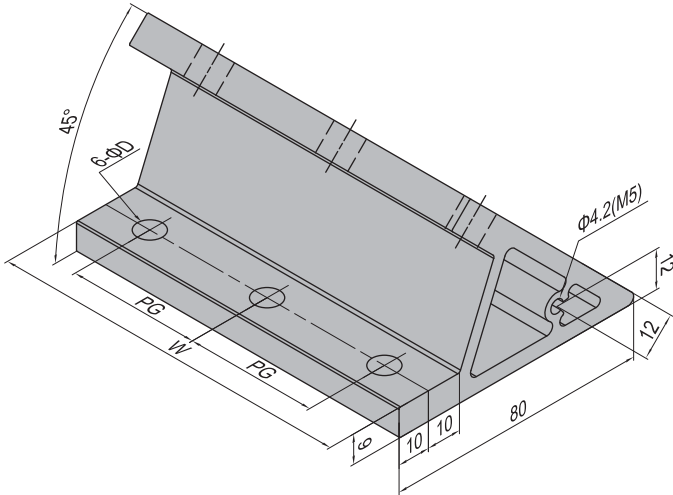
Angle Profile Bracket



Material: aluminium, anodized (cutting end not anodized)



80x80x9-45°



D	Fastening Set	P	Fastening Set	V	Fastening Set	M5	Machining Code
	M8x20 Bolt zinc plated		M5x10 Bolt zinc plated		M6x16 Bolt zinc plated		M5x10
	M8 Washer zinc plated		M5 Washer zinc plated		M6 Washer zinc plated		
	M8 T Nut nickel plated				M6 T Nut nickel plated		

Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 90mm 	80-30-90 (pc)	7	82	30			247	3.31.80.30.90
	80-30-90 (set)				6xV		308	3.31.80.30.90.ST
	80-30-90 (M5)					M5	247	3.31.80.30.90.M5
	80-30-90 (M5 set)				6xV+1xP	M5	310	3.31.80.30.90.M5.ST
PG40 120mm 	80-40-120 (pc)	9	110	40			329	3.31.80.40.120
	80-40-120 (set)				6xD		459	3.31.80.40.120.ST
	80-40-120 (M5)					M5	329	3.31.80.40.120.M5
	80-40-120 (M5 set)				6xD+1xP	M5	461	3.31.80.40.120.M5.ST



Connecting Elements

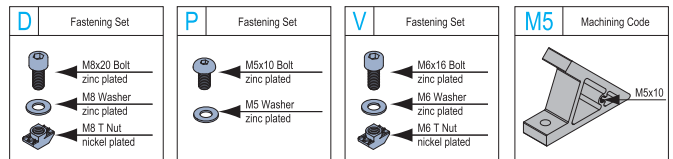
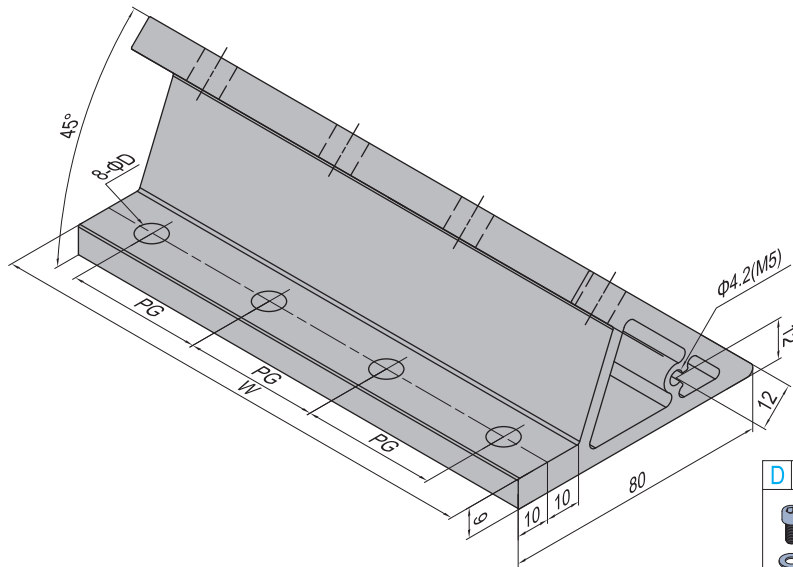
Angle Profile Bracket



Material: aluminium, anodized (cutting end not anodized)



80x80x9-45°



Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.
PG30 120mm 	80-30-120 (pc)	7	112	30			337	3.31.80.30.120
	80-30-120 (set)				8xD		417	3.31.80.30.120.ST
	80-30-120 (M5)					M5	337	3.31.80.30.120.M5
	80-30-120 (M5 set)				8xV+1xP	M5	419	3.31.80.30.120.M5.ST
PG40 160mm 	80-40-160 (pc)	9	150	40			449	3.31.80.40.160
	80-40-160 (set)				8xD		621	3.31.80.40.160.ST
	80-40-160 (M5)					M5	449	3.31.80.40.160.M5
	80-40-160 (M5 set)				8xD+1xP	M5	623	3.31.80.40.160.M5.ST
PG45 180mm 	80-45-180 (pc)	9	170	45			510	3.31.80.45.180
	80-45-180 (set)				8xD		682	3.31.80.45.180.ST
	80-45-180 (M5)					M5	510	3.31.80.45.180.M5
	80-45-180 (M5 set)				8xD+1xP	M5	684	3.31.80.45.180.M5.ST







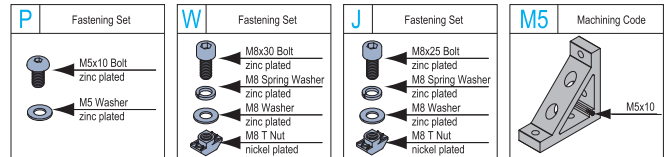
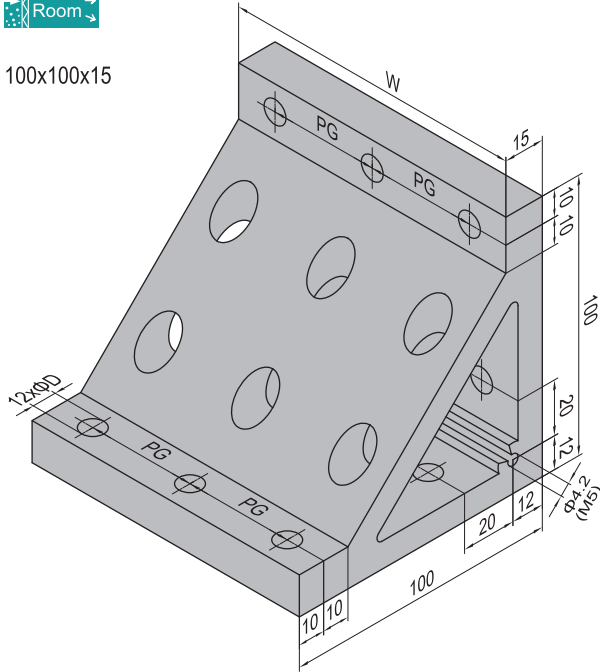
Connecting Elements

Angle Profile Bracket

Material: aluminium, anodized



100x100x15



Application	Description	D (mm)	W (mm)	PG (mm)	Fastening Set	Machining Code	Mass (g)	Part No.	
PG40 120mm 	100-40-120 (pc)	9	110	40			824	3.31.100.40.120	
	100-40-120 (set)				6xW+6xJ		1136	3.31.100.40.120.ST	
	100-40-120 (M5)					M5		824	3.31.100.40.120.M5
	100-40-120 (M5 set)				6xW+6xJ+1xP	M5		1138	3.31.100.40.120.M5.ST



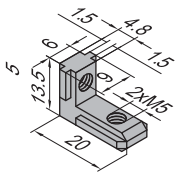


Connecting Elements

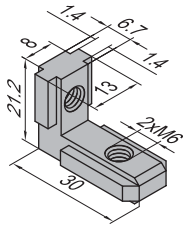
Inner Bracket (with top thread)

Inner bracket is with low cost and high efficiency, widely used for the assembly of door, window and protection frame.

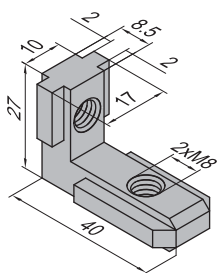
Material: bracket-diecast zinc top thread-zinc plated steel



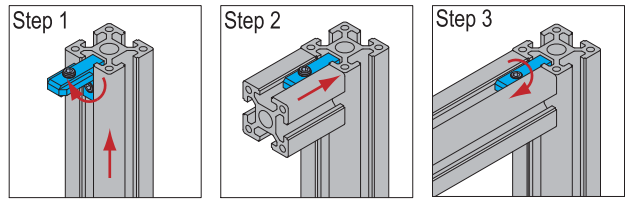
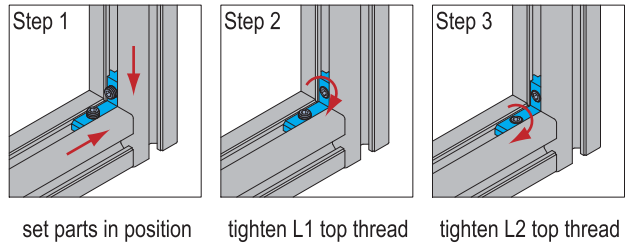
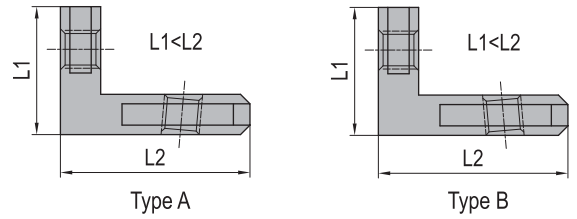
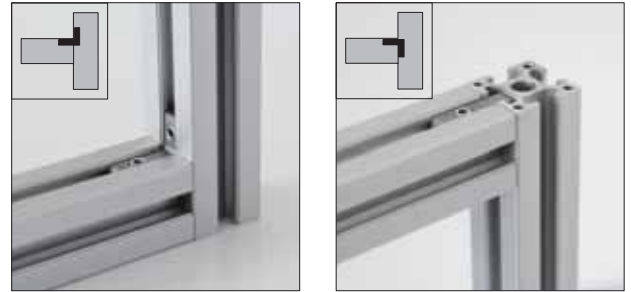
- M5x6
- Inner Bracket-6-A  
3.41.06A
- Inner Bracket-6-B  
3.41.06B



- M6x8
- Inner Bracket-8-A  
3.41.08A
- Inner Bracket-8-B  
3.41.08B



- M8x10
- Inner Bracket-10-A  
3.41.10A
- Inner Bracket-10-B  
3.41.10B



Description	Mass (g/pc)	Part No.
Inner Bracket-6-A (with top thread)	6	3.41.06A
Inner Bracket-6-B (with top thread)		3.41.06B
Inner Bracket-8-A (with top thread)	18	3.41.08A
Inner Bracket-8-B (with top thread)		3.41.08B
Inner Bracket-10-A (with top thread)	36	3.41.10A
Inner Bracket-10-B (with top thread)		3.41.10B

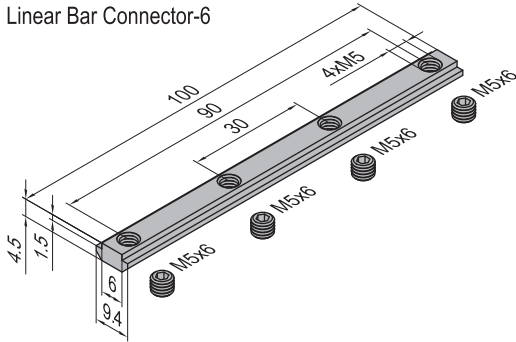


Connecting Elements

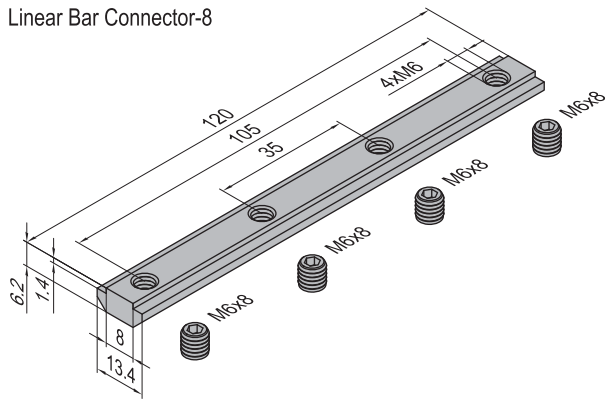
Linear Bar Connector (with top thread)

Material: zinc plated steel

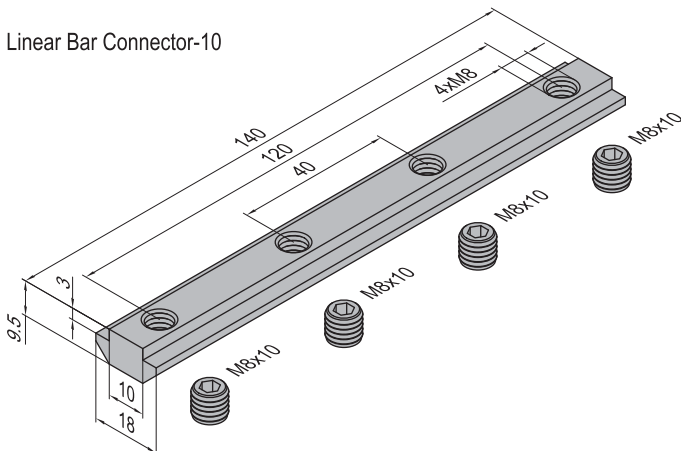
Linear Bar Connector-6



Linear Bar Connector-8



Linear Bar Connector-10



Description	Mass (g/pc)	Part No.
Linear Bar Connector-6 (with top thread)	27	3.51.06
Linear Bar Connector-8 (with top thread)	65	3.51.08
Linear Bar Connector-10 (with top thread)	132	3.51.10

Modular Assembly System

MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

TFS



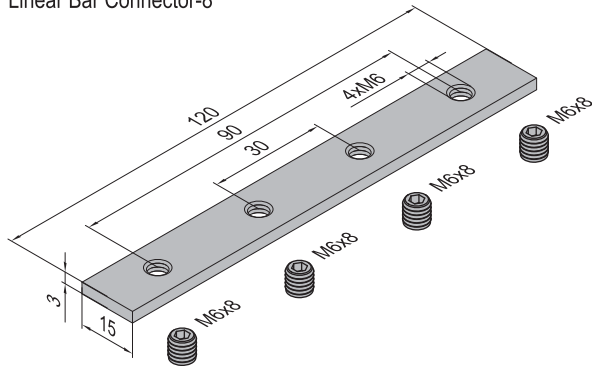


Connecting Elements

Linear Bar Connector (with top thread)

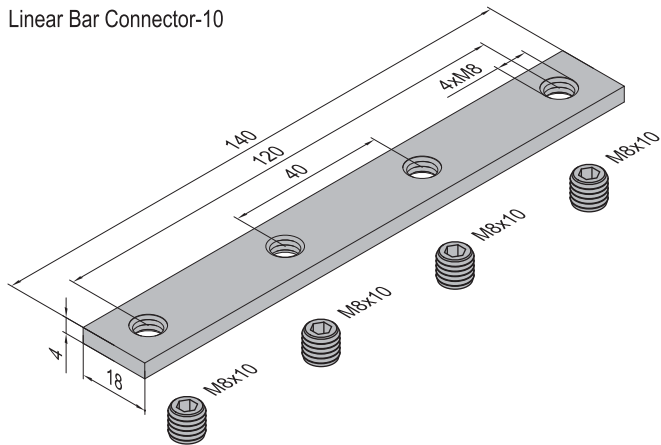
Material: zinc plated steel

Linear Bar Connector-8



Description	Mass (g/pc)	Part No.
Linear Bar Connector-8 (with top thread)	40	3.52.08
Linear Bar Connector-10 (with top thread)	74	3.52.10

Linear Bar Connector-10



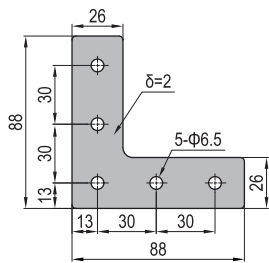
Connecting Elements

Joining Plate **New!**

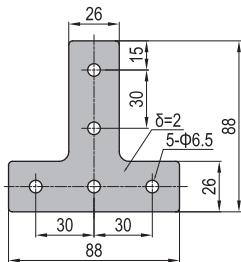
Material: zinc plated steel



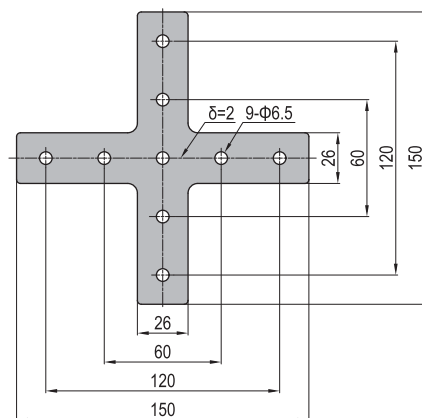
PG30-3030-01



PG30-3030-02



PG30-3030-03



PG	Fastening Set	PH	Fastening Set
	M6x10 Bolt zinc plated		M6x10 Bolt zinc plated
	M6 Spring Washer zinc plated		M6 Spring Washer zinc plated
	M6 T Nut nickel plated		M6 Pre-set Nut nickel plated

Description	Fastening Set	Mass (g)	Part No.
PG30-3030-01 (pc)		147	3.53.30.3030.01
PG30-3030-01 (set A)	5xPG	217	3.53.30.3030.01.STA
PG30-3030-01 (set B)	5xPH	257	3.53.30.3030.01.STB
PG30-3030-02 (pc)		149	3.53.30.3030.02
PG30-3030-02 (set A)	5xPG	219	3.53.30.3030.02.STA
PG30-3030-02 (set B)	5xPH	259	3.53.30.3030.02.STB
PG30-3030-03 (pc)		269	3.53.30.3030.03
PG30-3030-03 (set A)	9xPG	395	3.53.30.3030.03.STA
PG30-3030-03 (set B)	9xPH	467	3.53.30.3030.03.STB



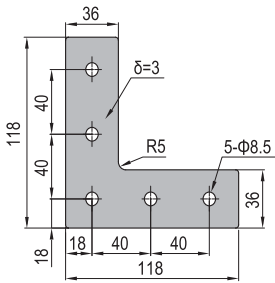
Connecting Elements







Joining Plate

Material: zinc plated steel



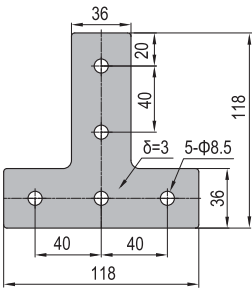
PG40-4040-01



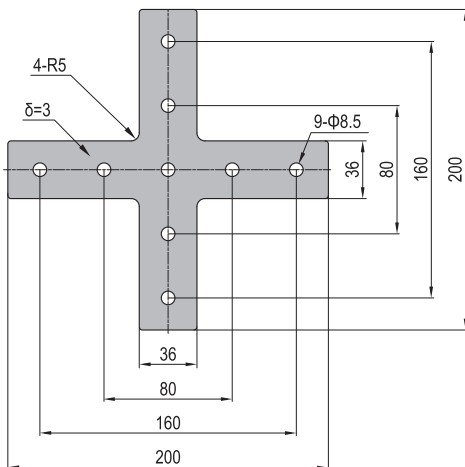
X	Fastening Set	Y	Fastening Set
	M8x12 Bolt zinc plated		M8x12 Bolt zinc plated
	M8 Spring Washer zinc plated		M8 Spring Washer zinc plated
	M8 T Nut nickel plated		M8 Pre-set Nut nickel plated

Description	Fastening Set	Mass (g)	Part No.
PG40-4040-01 (pc)		147	3.53.40.4040.01
PG40-4040-01 (set X)	5xX	217	3.53.40.4040.01.STX
PG40-4040-01 (set Y)	5xY	257	3.53.40.4040.01.STY
PG40-4040-02 (pc)		149	3.53.40.4040.02
PG40-4040-02 (set X)	5xX	219	3.53.40.4040.02.STX
PG40-4040-02 (set Y)	5xY	259	3.53.40.4040.02.STY
PG40-4040-03 (pc)		269	3.53.40.4040.03
PG40-4040-03 (set X)	9xX	395	3.53.40.4040.03.STX
PG40-4040-03 (set Y)	9xY	467	3.53.40.4040.03.STY

PG40-4040-02



PG40-4040-03



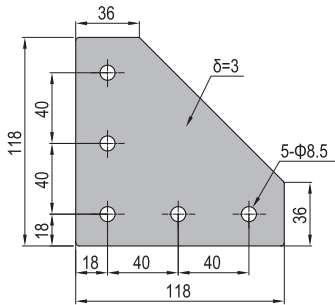
Connecting Elements

Joining Plate

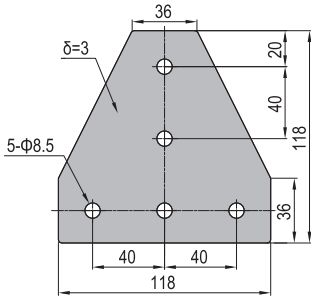
Material: zinc plated steel



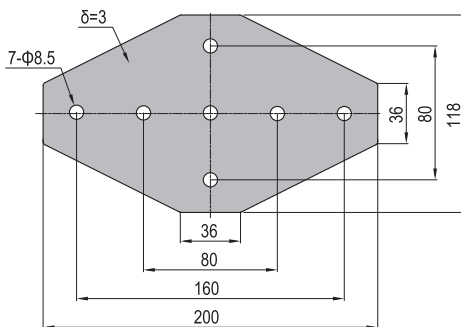
PG40-4040-04



PG40-4040-05



PG40-4040-06



X	Fastening Set	Y	Fastening Set
	M8x12 Bolt zinc plated		M8x12 Bolt zinc plated
	M8 Spring Washer zinc plated		M8 Spring Washer zinc plated
	M8 T Nut nickel plated		M8 Pre-set Nut nickel plated

Description	Fastening Set	Mass (g)	Part No.
PG40-4040-04 (pc)		222	3.53.40.4040.04
PG40-4040-04 (set X)	5xX	292	3.53.40.4040.04.STX
PG40-4040-04 (set Y)	5xY	332	3.53.40.4040.04.STY
PG40-4040-05 (pc)		220	3.53.40.4040.05
PG40-4040-05 (set X)	5xX	290	3.53.40.4040.05.STX
PG40-4040-05 (set Y)	5xY	330	3.53.40.4040.05.STY
PG40-4040-06 (pc)		355	3.53.40.4040.06
PG40-4040-06 (set X)	7xX	453	3.53.40.4040.06.STX
PG40-4040-06 (set Y)	7xY	510	3.53.40.4040.06.STY



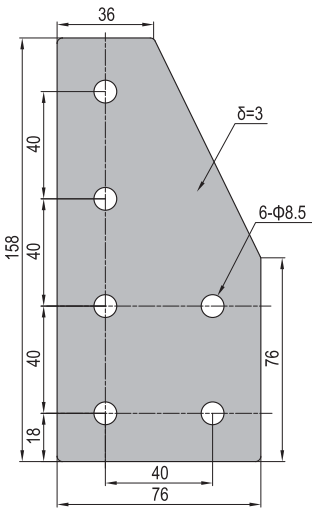
Connecting Elements

Joining Plate

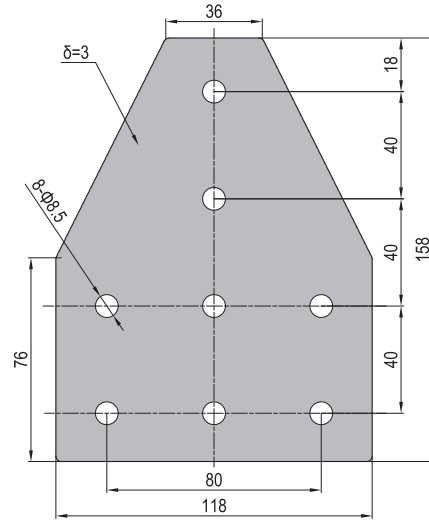
Material: zinc plated steel



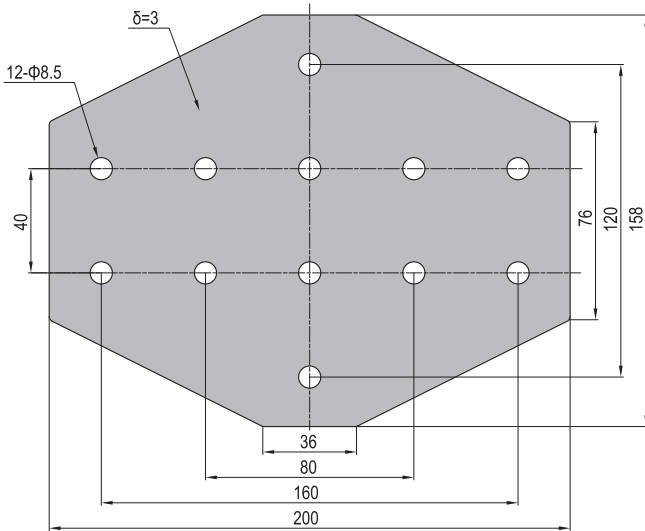
PG40-4080-01



PG40-4080-02



PG40-4080-03



X	Fastening Set	Y	Fastening Set
	M8x12 Bolt zinc plated		M8x12 Bolt zinc plated
	M8 Spring Washer zinc plated		M8 Spring Washer zinc plated
	M8 T Nut nickel plated		M8 Pre-set Nut nickel plated

Description	Fastening Set	Mass (g)	Part No.
PG40-4080-01 (pc)		222	3.53.40.4080.01
PG40-4080-01 (set X)	6xX	306	3.53.40.4080.01.STX
PG40-4080-01 (set Y)	6xY	354	3.53.40.4080.01.STY
PG40-4080-02 (pc)		347	3.53.40.4080.02
PG40-4080-02 (set X)	8xX	459	3.53.40.4080.02.STX
PG40-4080-02 (set Y)	8xY	523	3.53.40.4080.02.STY
PG40-4080-03 (pc)		523	3.53.40.4080.03
PG40-4080-03 (set X)	12xX	691	3.53.40.4080.03.STX
PG40-4080-03 (set Y)	12xY	787	3.53.40.4080.03.STY



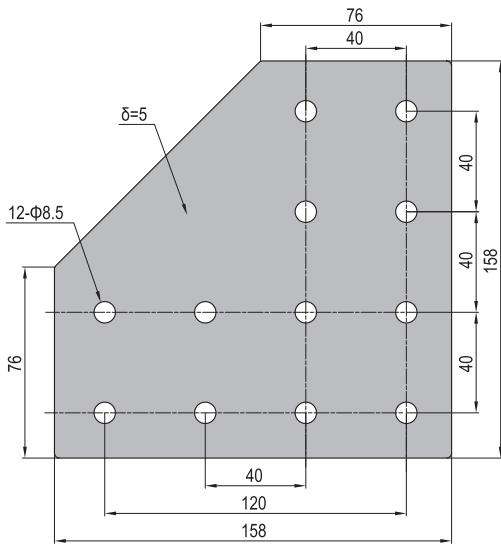
Connecting Elements

Joining Plate

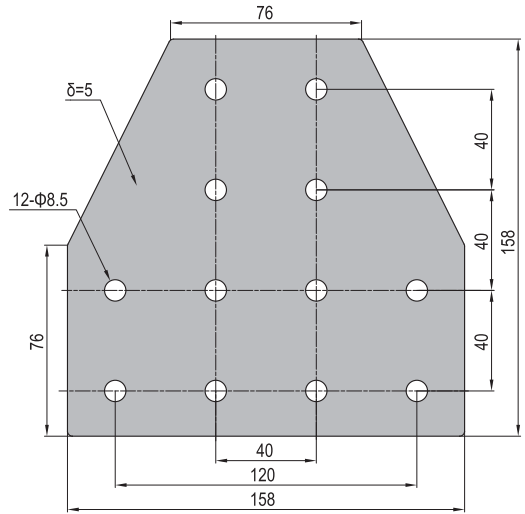
Material: zinc plated steel



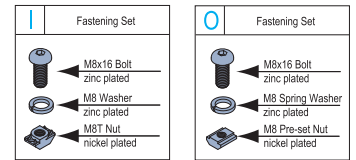
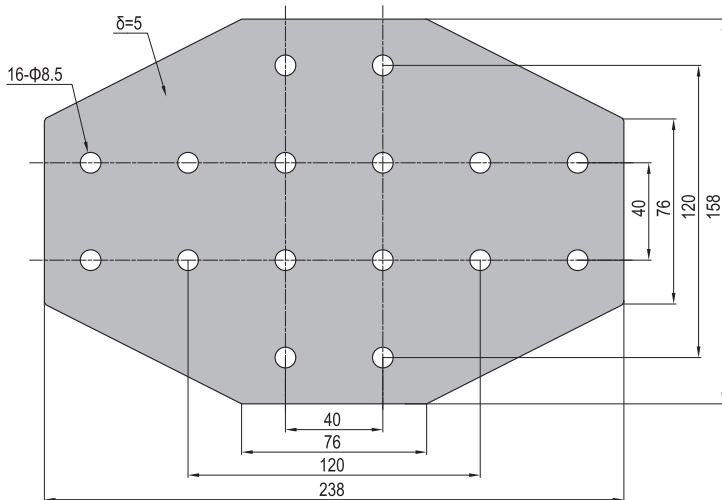
PG40-8080-01



PG40-8080-02



PG40-8080-03



Description	Fastening Set	Mass (g)	Part No.
PG40-8080-01 (pc)		730	3.53.40.8080.01
PG40-8080-01 (set I)	12xI	910	3.53.40.8080.01.STI
PG40-8080-01 (set O)	12xO	1006	3.53.40.8080.01.STO
PG40-8080-02 (pc)		731	3.53.40.8080.02
PG40-8080-02 (set I)	12xI	911	3.53.40.8080.02.STI
PG40-8080-02 (set O)	12xO	1007	3.53.40.8080.02.STO
PG40-8080-03 (pc)		1043	3.53.40.8080.03
PG40-8080-03 (set I)	16xI	1283	3.53.40.8080.03.STI
PG40-8080-03 (set O)	16xO	1411	3.53.40.8080.03.STO



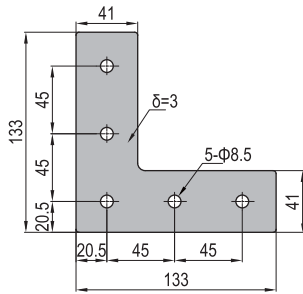
Connecting Elements

Joining Plate **New!**

Material: zinc plated steel



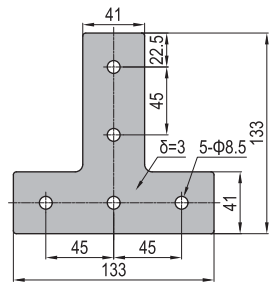
PG45-4545-01



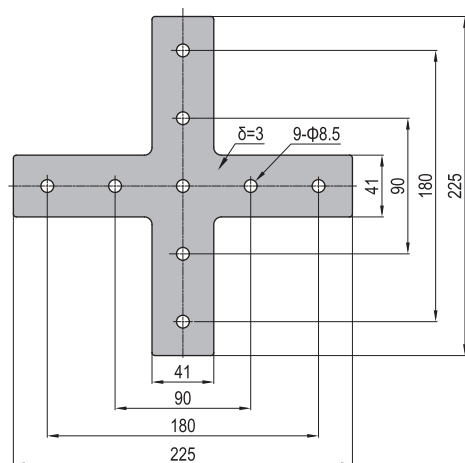
I	Fastening Set	O	Fastening Set
	M8x16 Bolt zinc plated		M8x16 Bolt zinc plated
	M8 Washer zinc plated		M8 Spring Washer zinc plated
	M8T Nut nickel plated		M8 Pre-set Nut nickel plated

Description	Fastening Set	Mass (g)	Part No.
PG45-4545-01 (pc)		147	3.53.45.4545.01
PG45-4545-01 (set I)	5xI	217	3.53.45.4545.01.ST1
PG45-4545-01 (set O)	5xO	257	3.53.45.4545.01.STO
PG45-4545-02 (pc)		149	3.53.45.4545.02
PG45-4545-02 (set I)	5xI	219	3.53.45.4545.02.ST1
PG45-4545-02 (set O)	5xO	259	3.53.45.4545.02.STO
PGC45-4545-03 (pc)		269	3.53.45.4545.03
PG45-4545-03 (set I)	9xI	395	3.53.45.4545.03.ST1
PG45-4545-03 (set O)	9xO	467	3.53.45.4545.03.STO

PG45-4545-02



PG45-4545-03



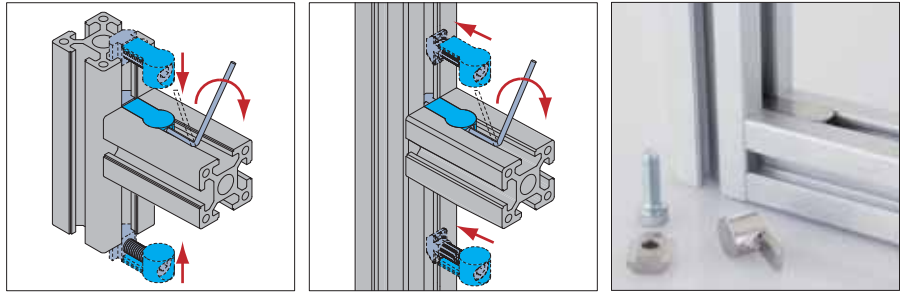
Connecting Elements

Butt Connector

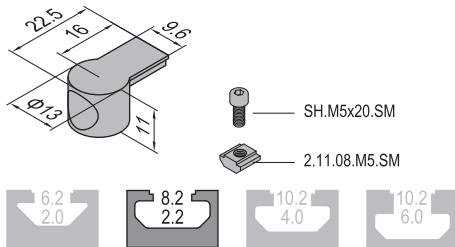


Butt Connector is used for profile affiliating connection and widely used in clean room.

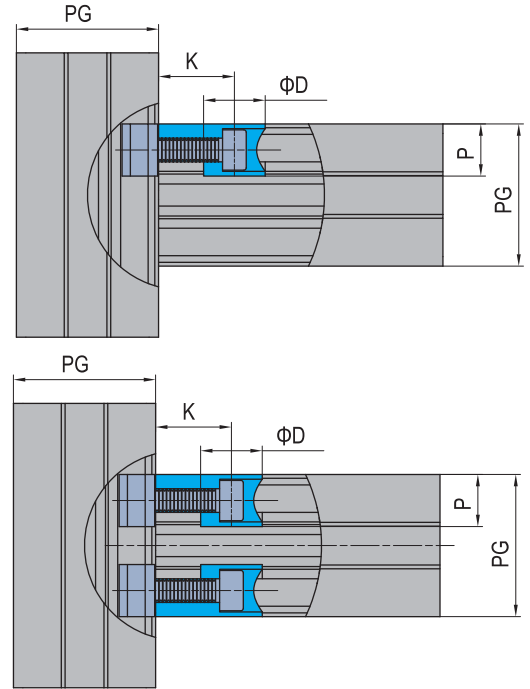
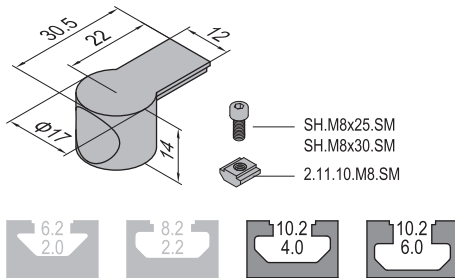
Material: diecast zinc nickel plated



Butt Connector-8



Butt Connector-10



PG	Fastening Set	CD	Fastening Set	CE	Fastening Set	Q	Fastening Set	T	Fastening Set	S	Fastening Set
	M5x20 Bolt zinc plated M5 T Nut nickel plated		M8x25 Bolt zinc plated M8 T Nut nickel plated		M8x30 Bolt zinc plated M8 T Nut nickel plated		M5x20 Bolt zinc plated M5 Pre-set Nut nickel plated		M8x25 Bolt zinc plated M8 Pre-set Nut nickel plated		M8x30 Bolt zinc plated M8 Pre-set Nut nickel plated

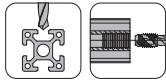
Description	PG	K (mm)	D (mm)	P (mm)	Fastening Set	Mass (g)	Part No.
Butt Connector-8 (pcs)						9	3.61.08
Butt Connector-8 (set A)	PG30	16	13	11	1xQ	20	3.61.08.STA
Butt Connector-8 (set B)					1xPG	18	3.61.08.STB
Butt Connector-10 (pcs)	PG40/PG45/PG50/PG60					15	3.61.10
Butt Connector-10-4 (set A)	PG40				1xT	41	3.61.10.04.STA
Butt Connector-10-4 (set B)		22	17	14	1xCD	37	3.61.10.04.STB
Butt Connector-10-6 (set A)					1xS	43	3.61.10.06.STA
Butt Connector-10-6 (set B)	PG45/PG50/PG60				1xCE	39	3.61.10.06.STB





Connecting Elements

End Connector

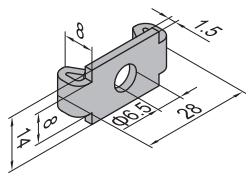


End connector is also called butterfly button connector due to its shape which can hide itself completely in aluminum profile, so it is widely used for frame structures in clean room.

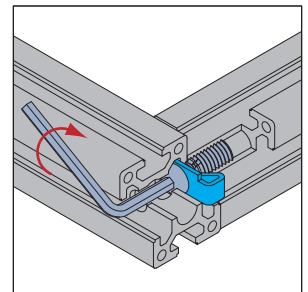
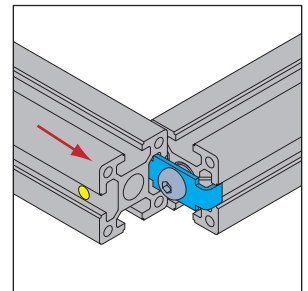
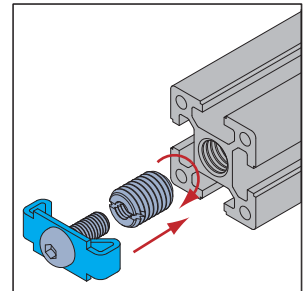
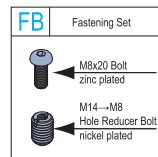
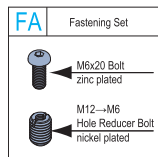
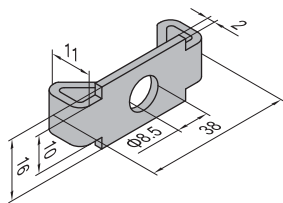
Material: nickel plated steel



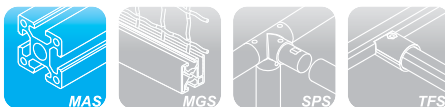
End Connector-8



End Connector-10



Description	PG	Fastening Set	Mass (g)	Part No.
End Connector-8 (pcs)	PG30		7	3.71.30
End Connector-8 (set)		1xFA	23	3.71.30.ST
End Connector-10 (pcs)	PG40		13	3.71.40
End Connector-10 (set)		1xFB	38	3.71.40.ST



Connecting Elements

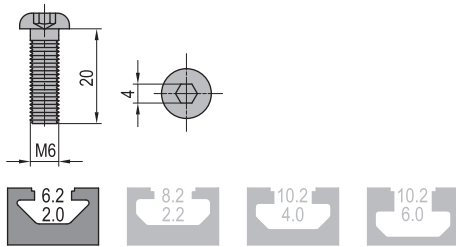


A simple and economic way to replace end connector with more connection reliability.

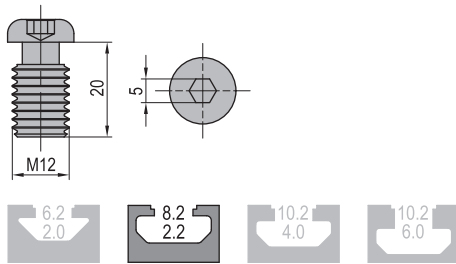
Material: nickel plated steel



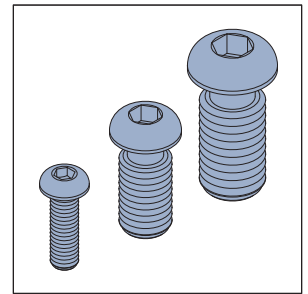
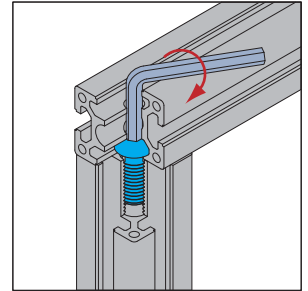
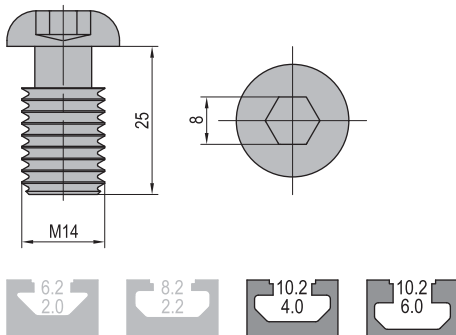
Screw Connector-6



Screw Connector-8



Screw Connector-10



Description	Mass (g)	Part No.
Screw Connector-6	7	3.81.06
Screw Connector-8	17	3.81.08
Screw Connector-10	31	3.81.10

Modular Assembly System

MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

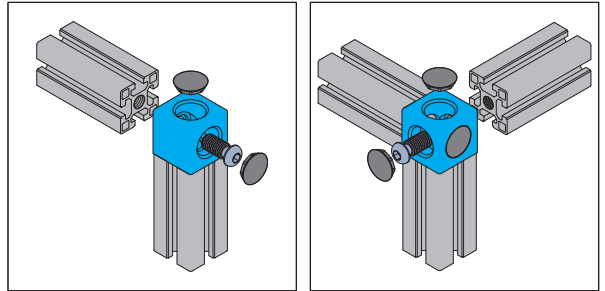
TFS



Connecting Elements

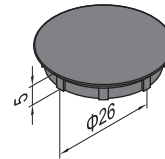
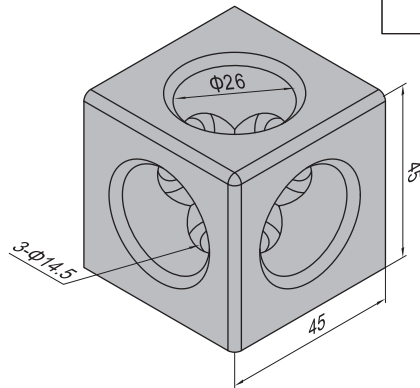
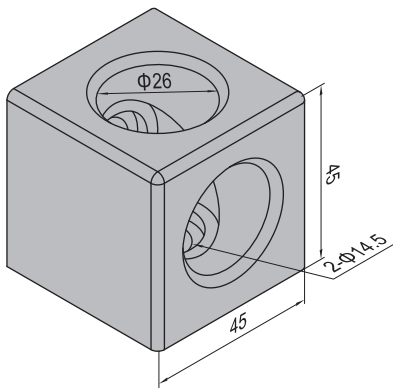


Material: Connector-diecast aluminum Cap-black ABS



Cubic Connector-4545-2

Cubic Connector-4545-3



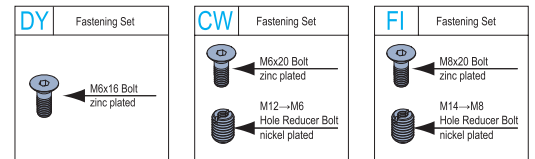
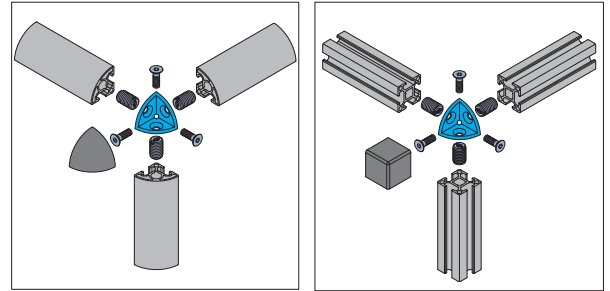
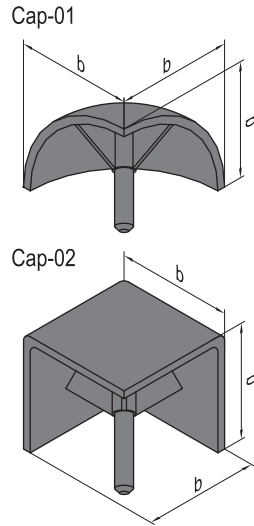
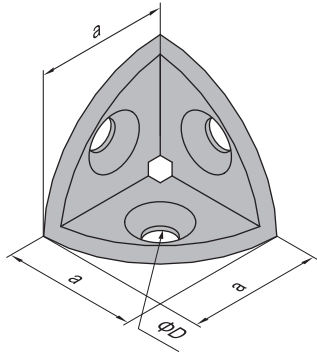
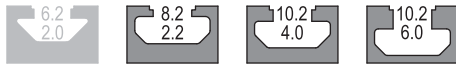
Description	Fastening Set	Cap (pc)	Mass (g)	Part No.
Cubic Connector-4545-2 (pcs)		2	135	3.91.4545.02
Cubic Connector-4545-2 (set)	2x(M14x25)		201	3.91.4545.02.ST
Cubic Connector-4545-3 (pcs)		3	135	3.91.4545.03
Cubic Connector-4545-3 (set)	3x(M14x25)		234	3.91.4545.03.ST



Connecting Elements



Material: Connector-diecast zinc Cap-black ABS



Description	a	b	D	Fastening Set	Cap (pc)	Mass (g)	Part No.
2020-01 (pcs)	18.5	20	6.5		1	11	3.92.2020.01 <b>New!</b>
2020-01 (set)				3xDY		23	3.92.2020.01.ST <b>New!</b>
2020-02 (pc)						12	3.92.2020.02 <b>New!</b>
2020-02 (set)				3xDY		24	3.92.2020.02.ST <b>New!</b>
3030-01 (pc)	28	30	6.5		1	35	3.92.3030.01
3030-01 (set)				3xCW		105	3.92.3030.01.ST
3030-02 (pc)						38	3.92.3030.02
3030-02 (set)				3xCW		108	3.92.3030.02.ST
4040-01 (pc)	38	40	8.5		1	87	3.92.4040.01
4040-01 (set)				3xFI		159	3.92.4040.01.ST
4040-02 (pc)						92	3.92.4040.02
4040-02 (set)				3xFI		164	3.92.4040.02.ST
4545-01 (pc)	42	45	8.5		1	114	3.92.4545.01
4545-01 (set)				3xFI		187	3.92.4545.01.ST
4545-02 (pc)						123	3.92.4545.02
4545-02 (set)				3xFI		196	3.92.4545.02.ST

Modular Assembly System  
 MAS  
 Machine Guard System  
 MGS  
 Stair and Platform System  
 SPS  
 Tubular Framing System  
 TFS

