

**ML** MultiLink  
Links Automation Solutions

**CATALOGUE 2023**





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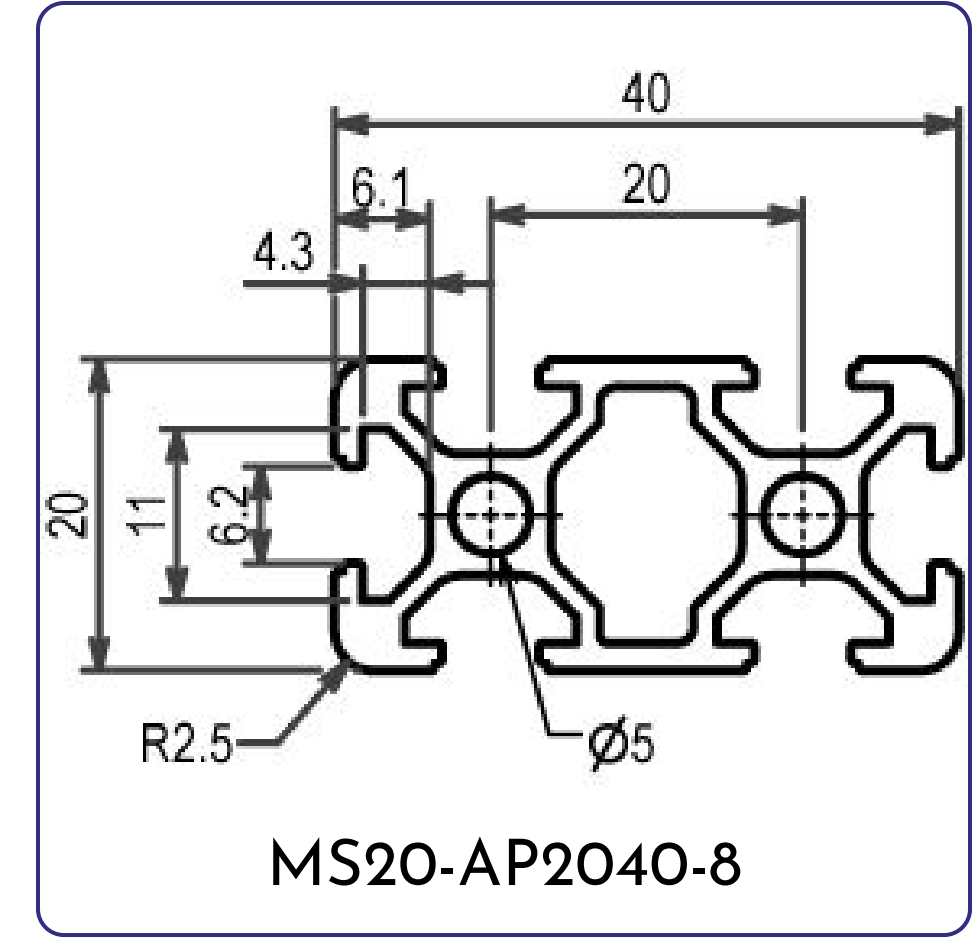
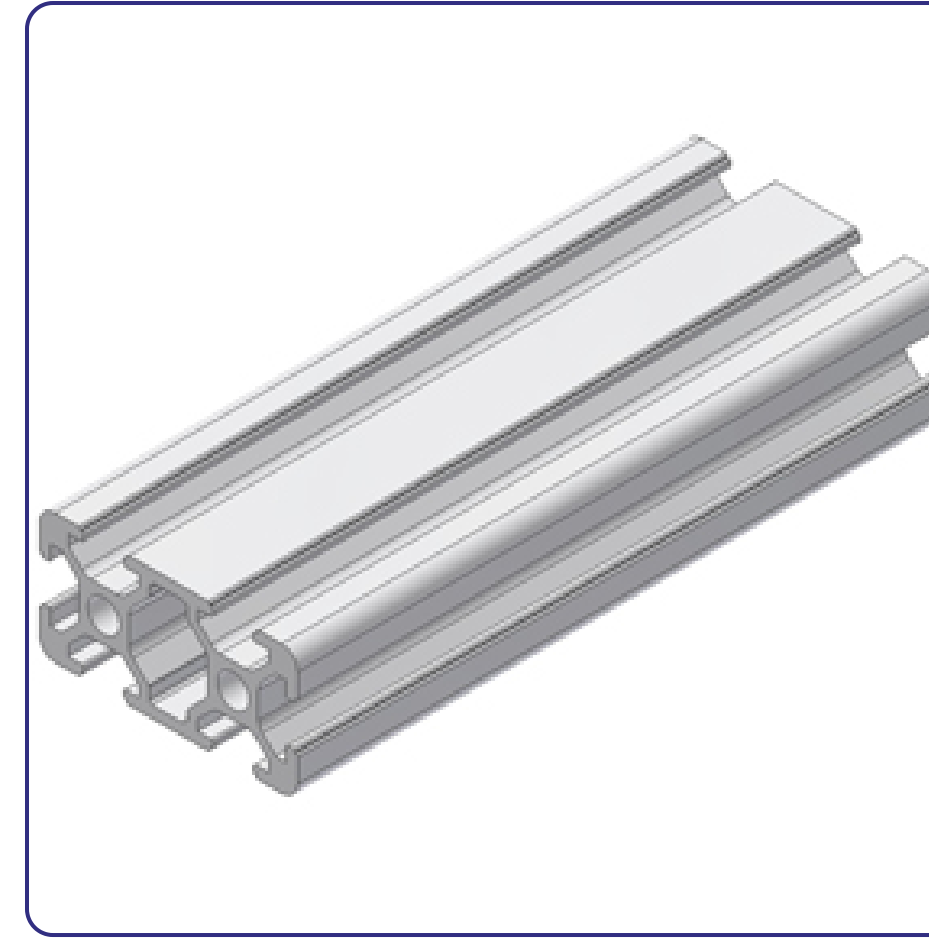
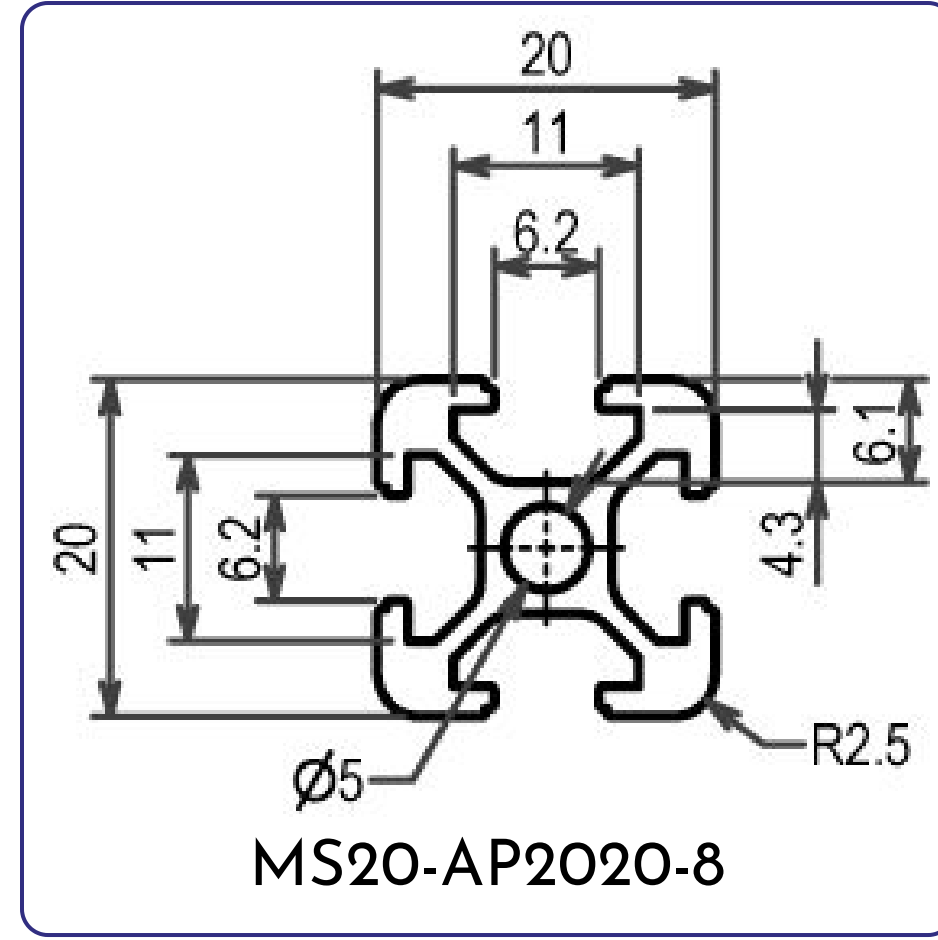
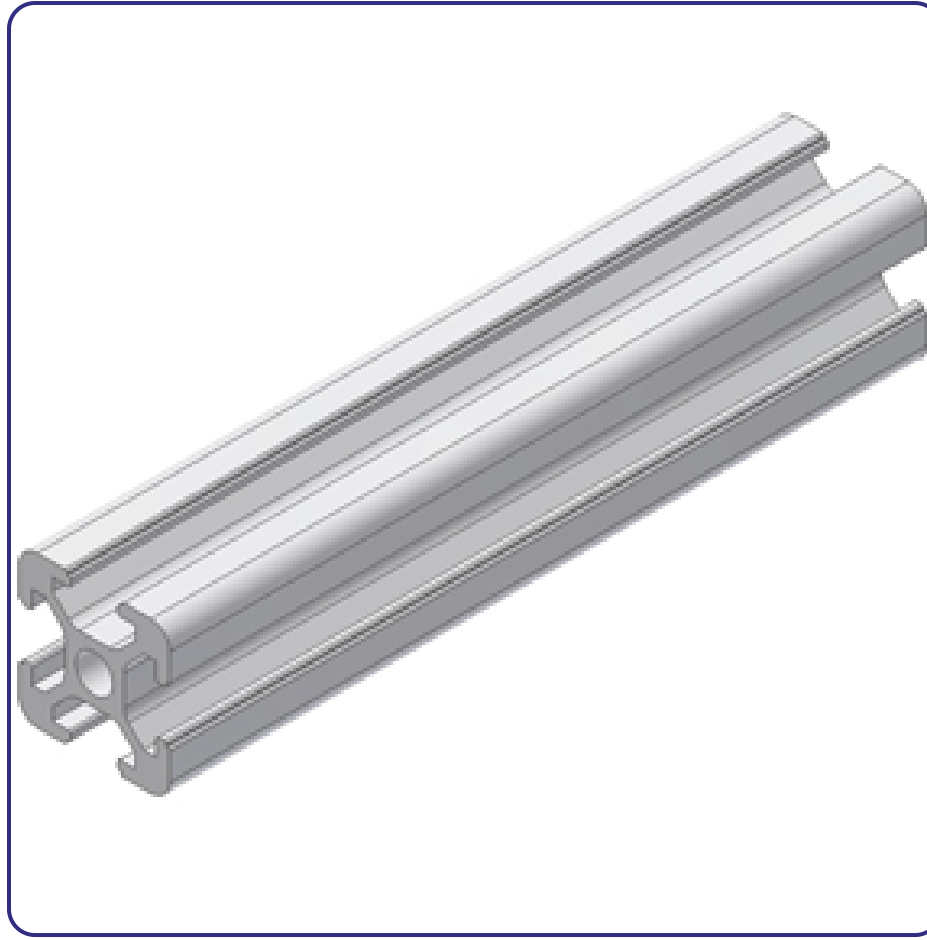
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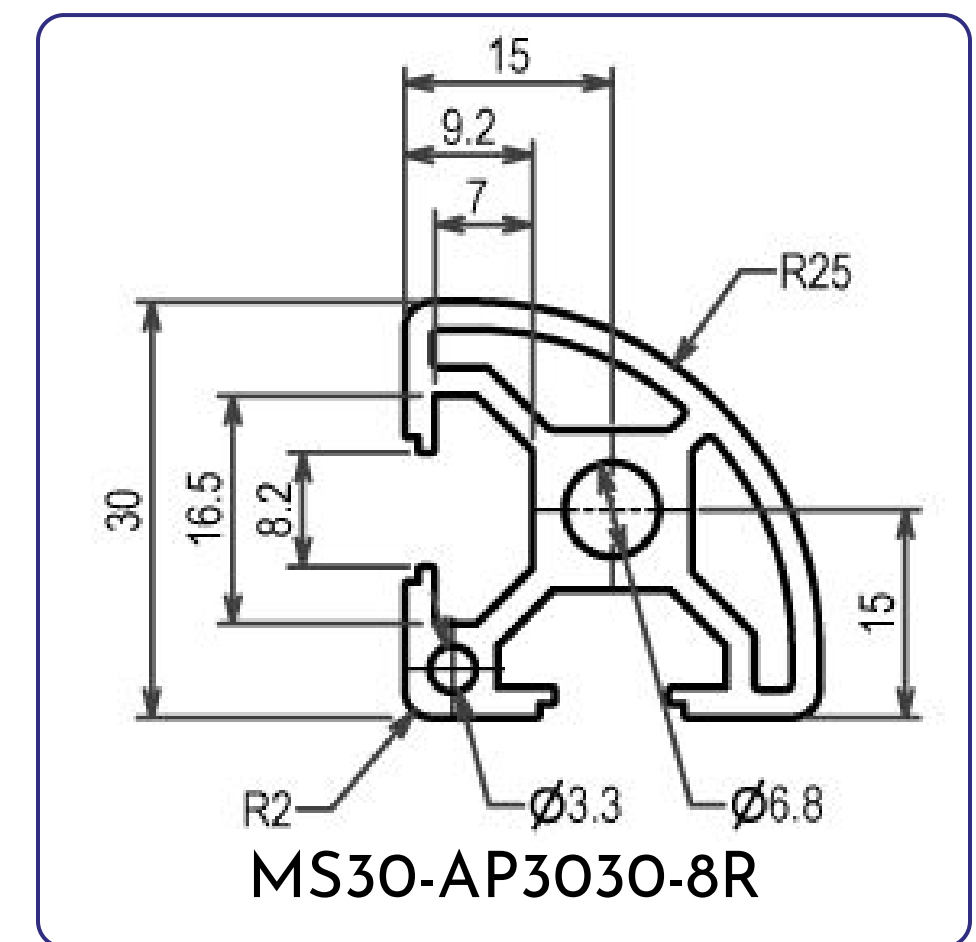
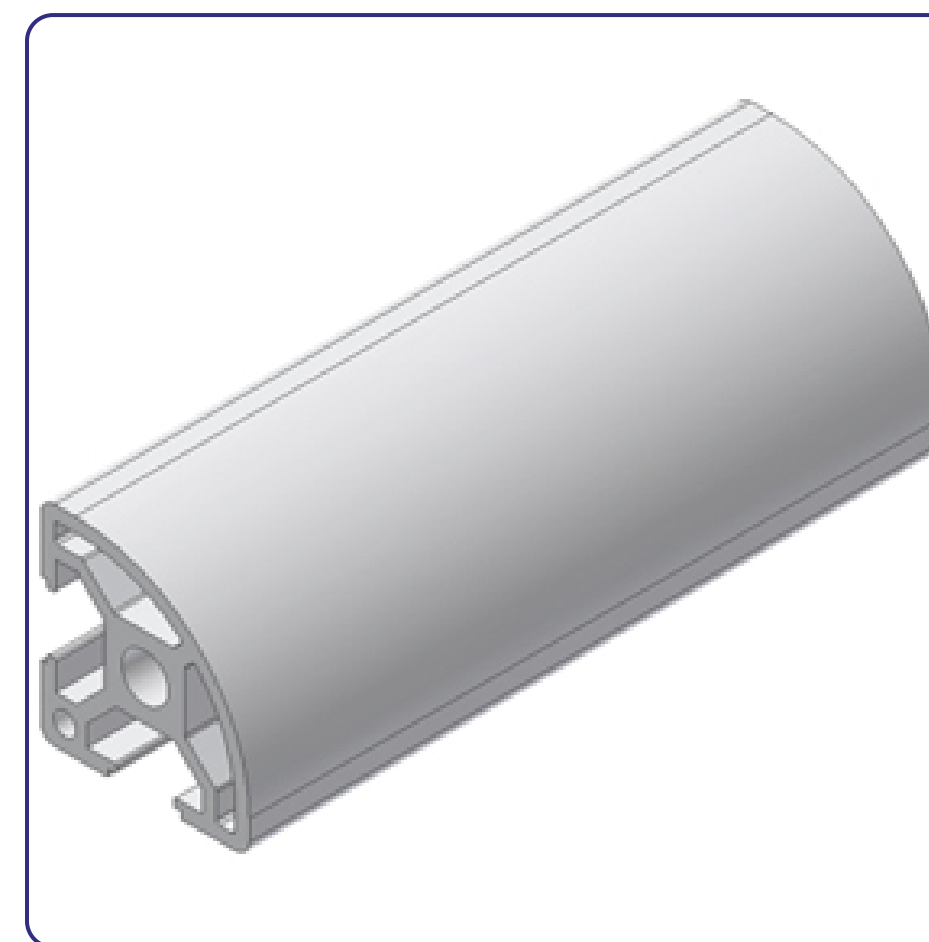
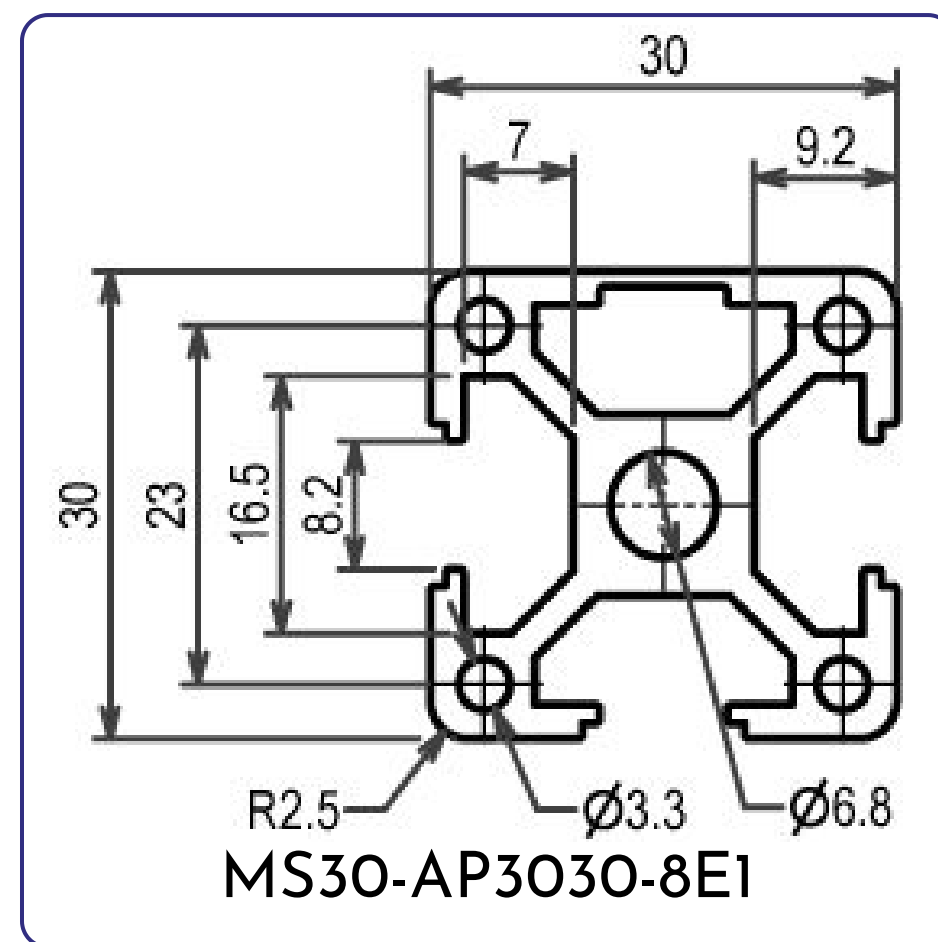
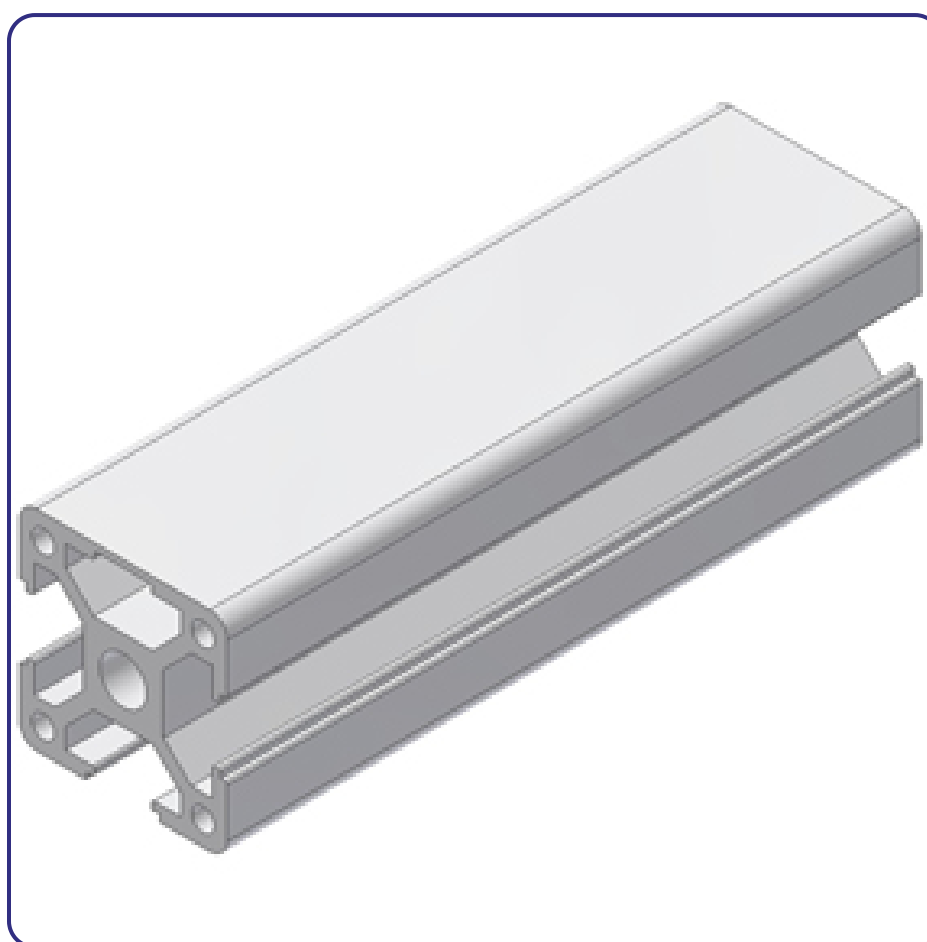
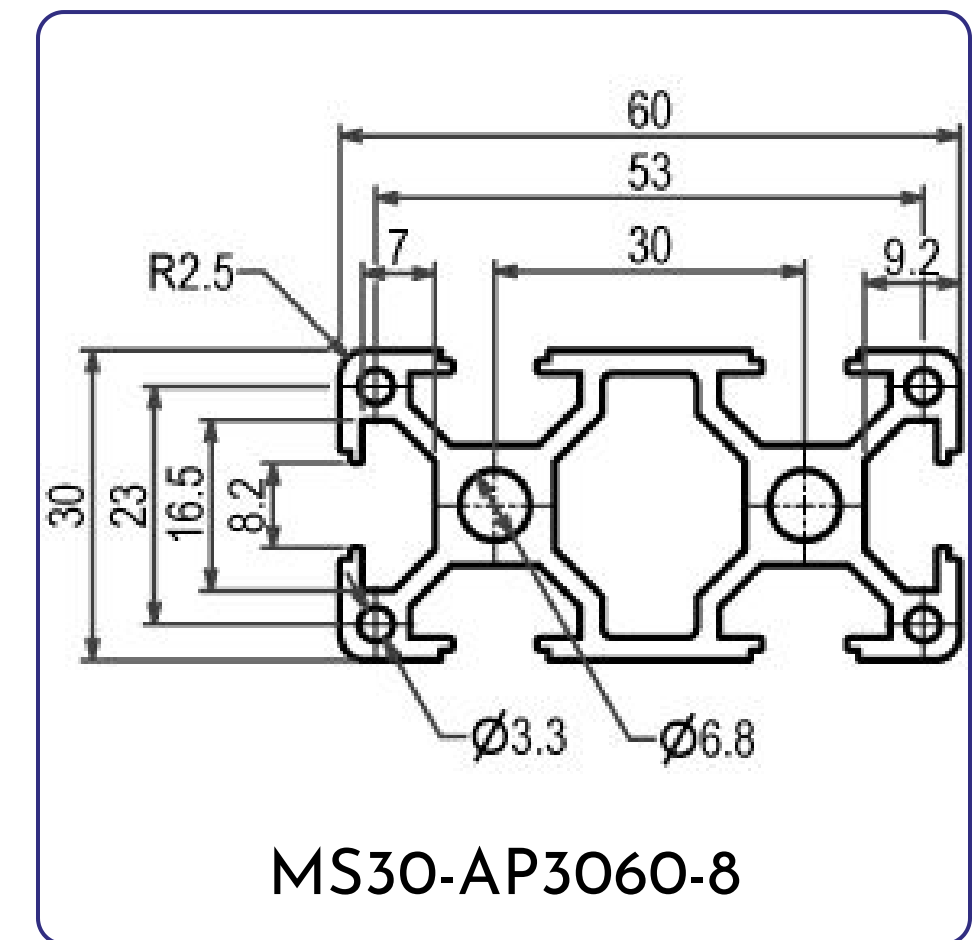
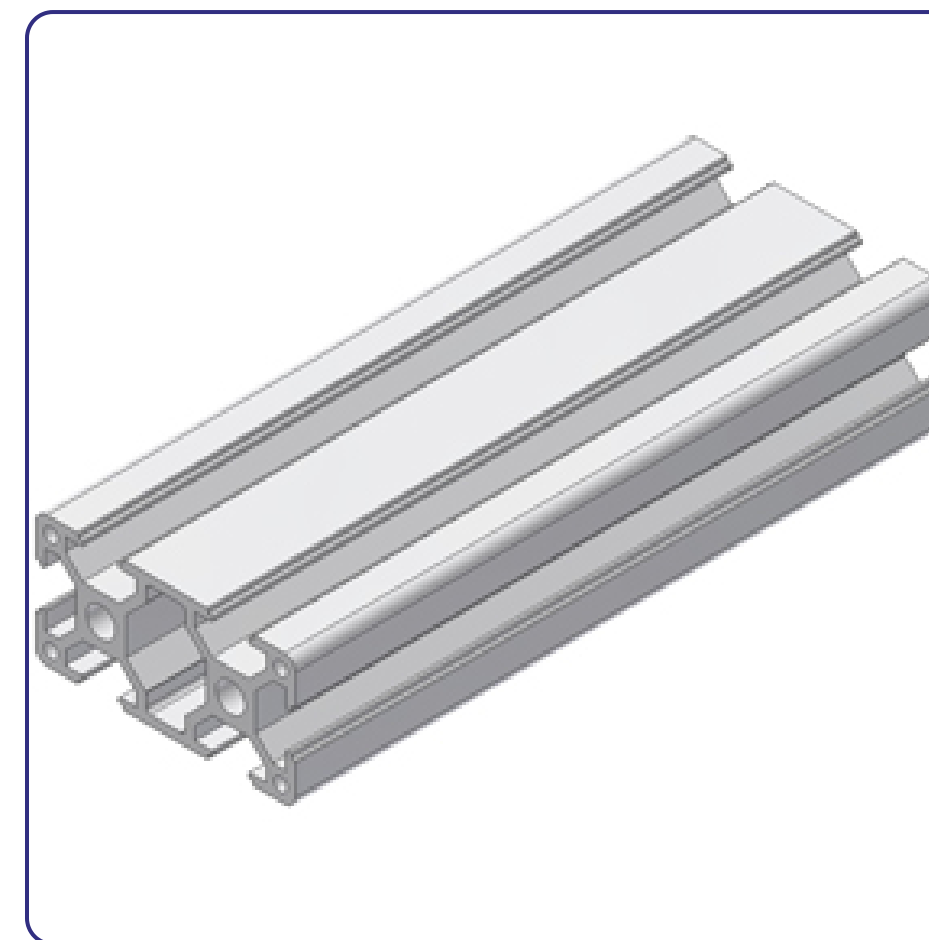
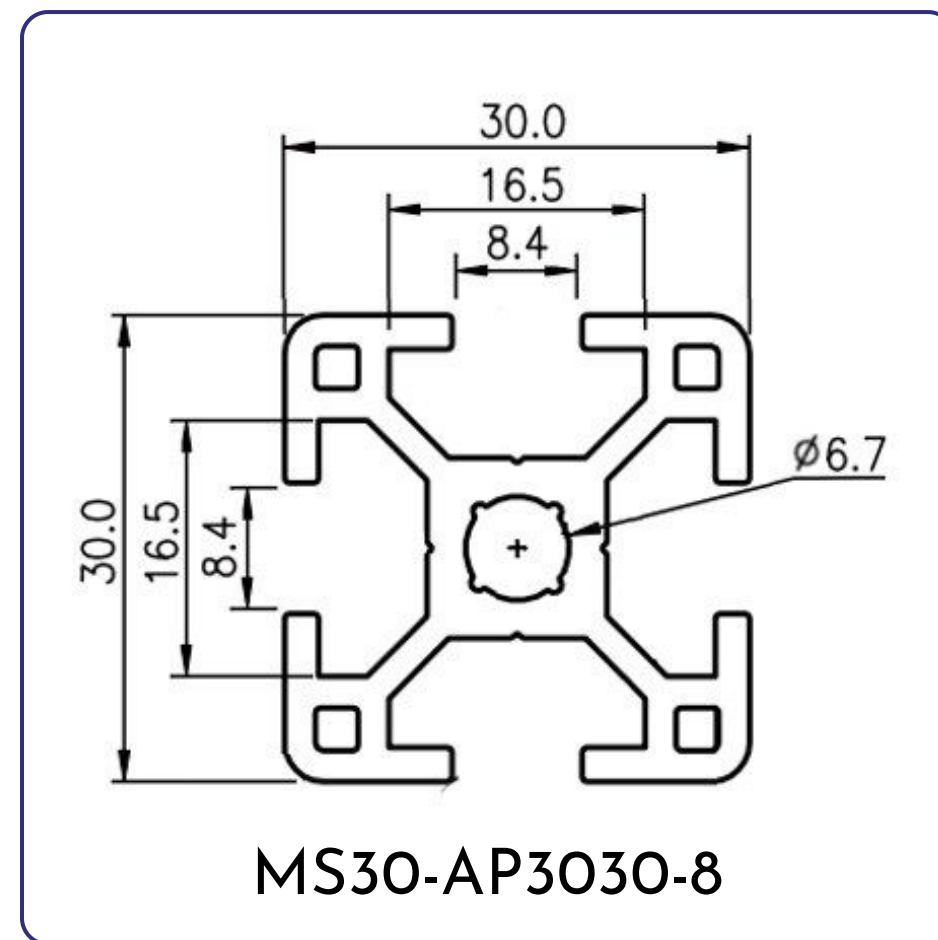
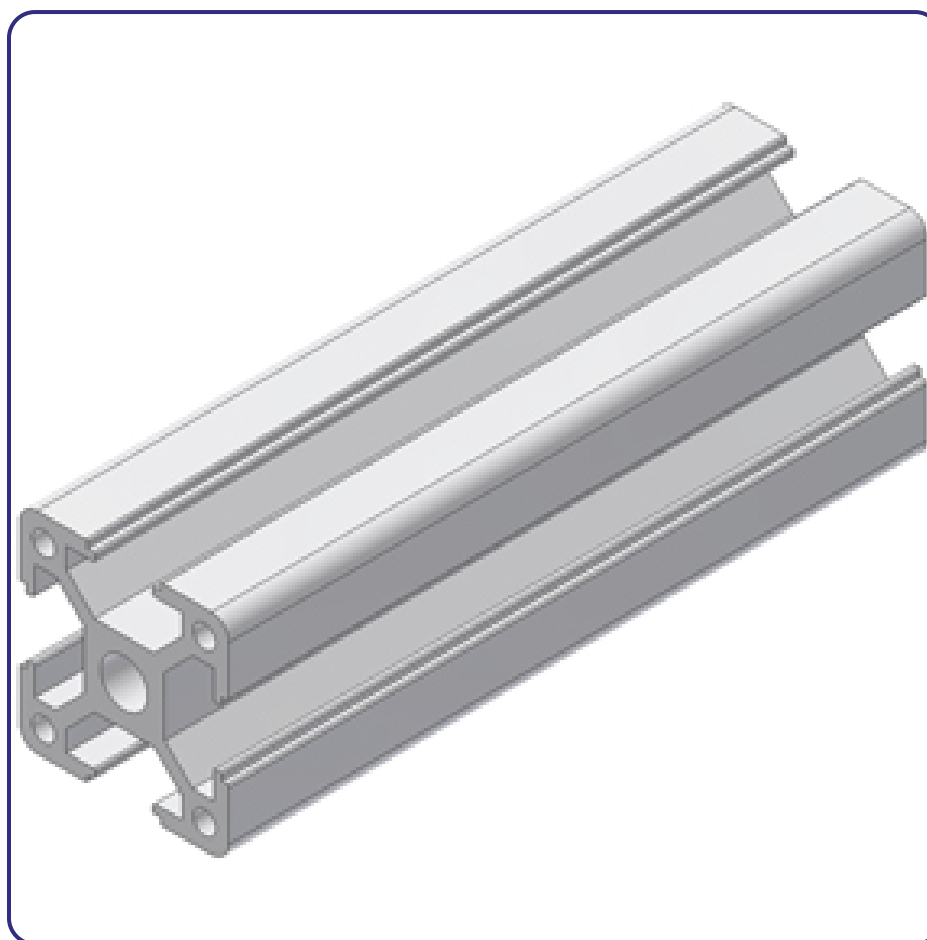
# **ALUMINIUM PROFILE**

## 20 Series



Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS20-AP2020-8	Aluminium Profile 2020	Aluminium (6063-T5)	6000	0.455
MS20-AP2040-8	Aluminium Profile 2040	Aluminium (6063-T5)	6000	0.767

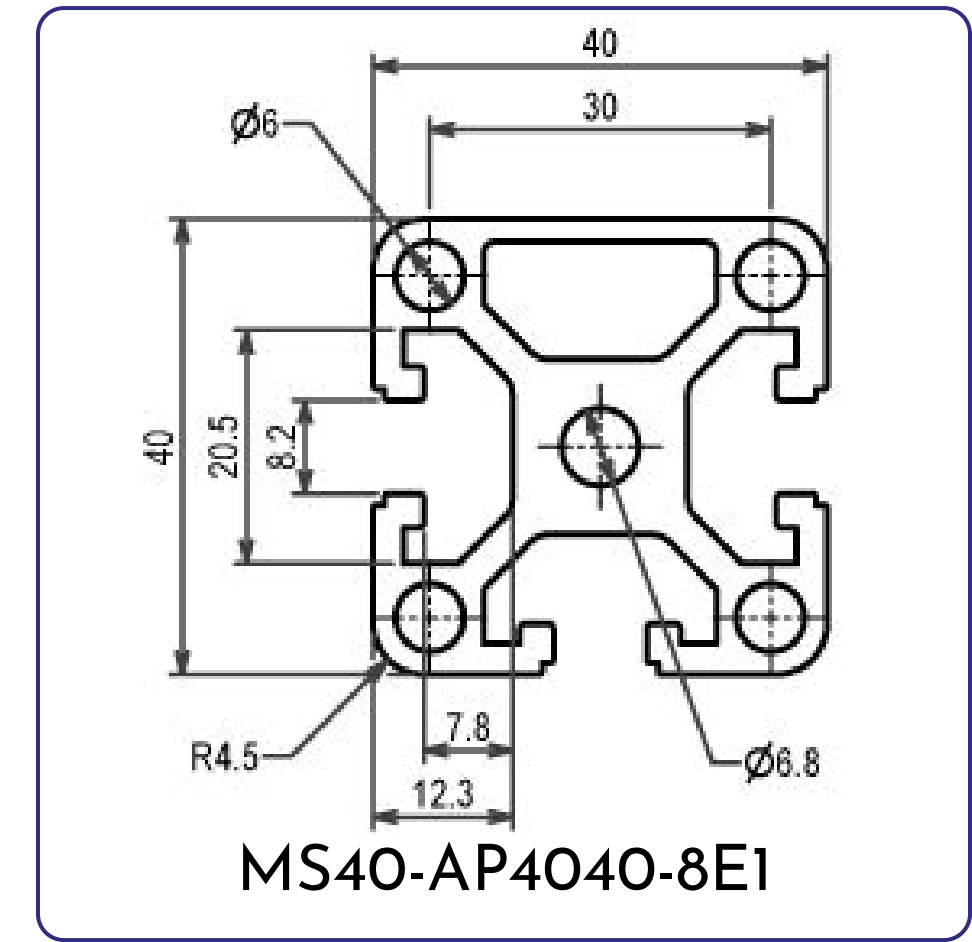
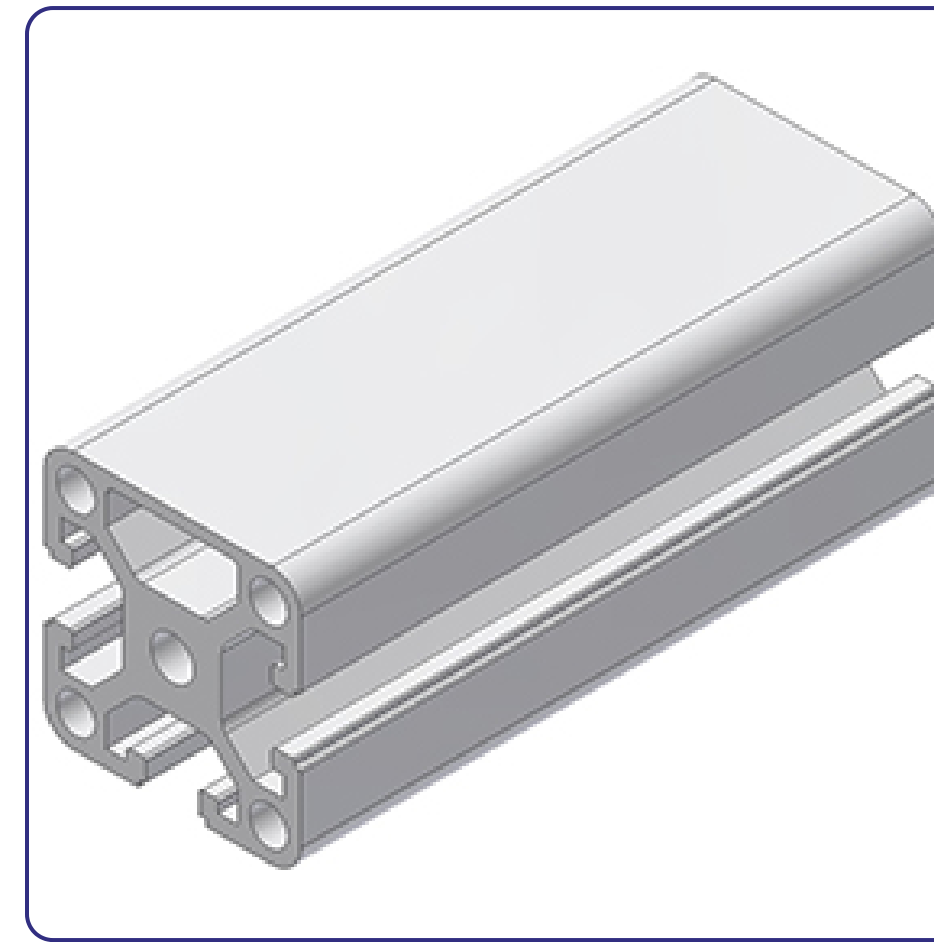
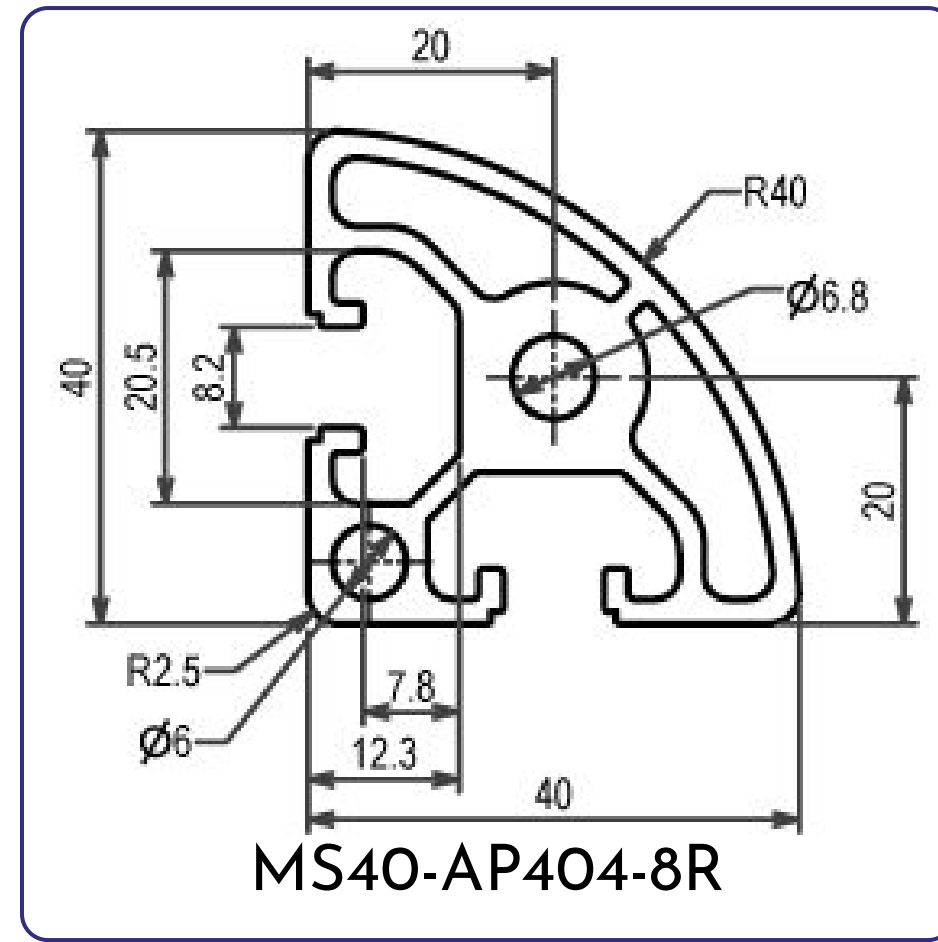
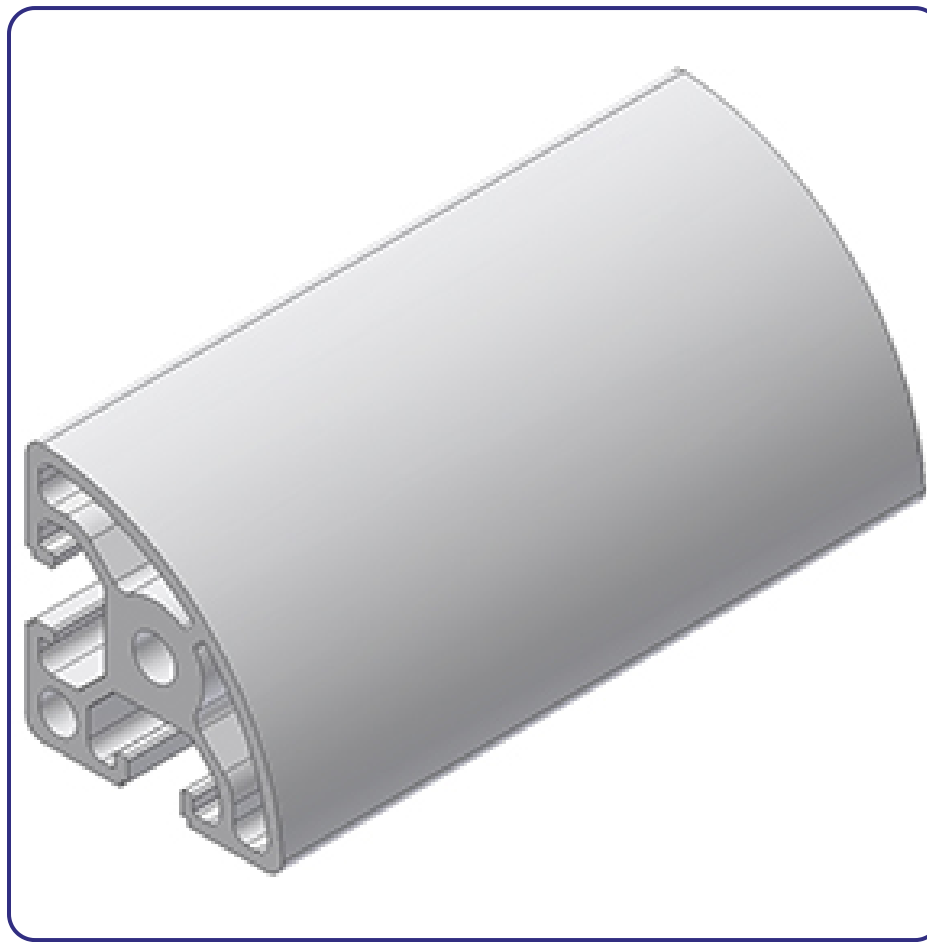
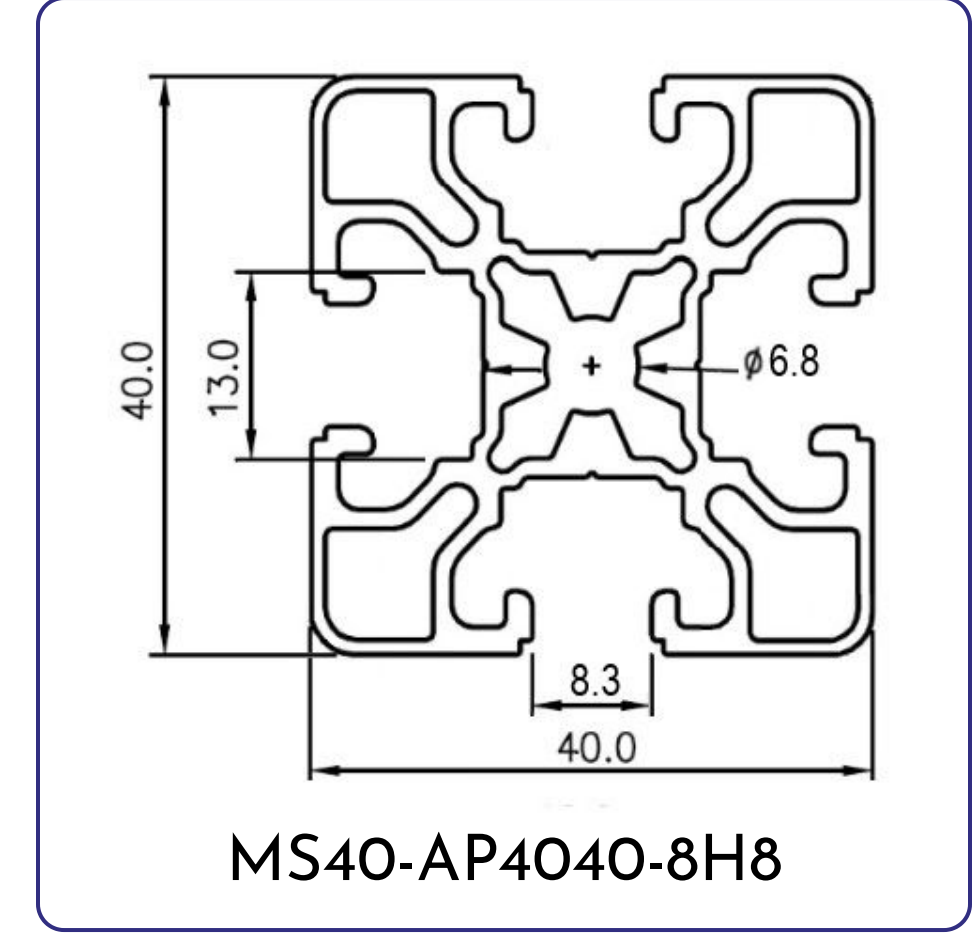
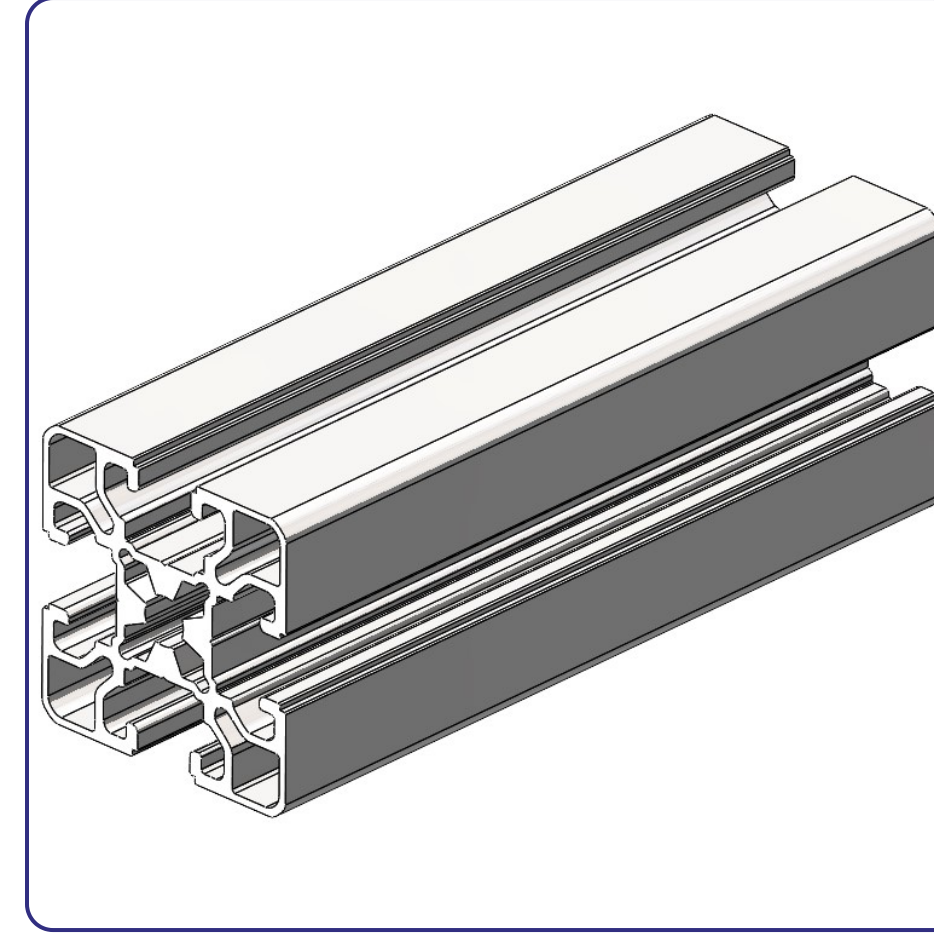
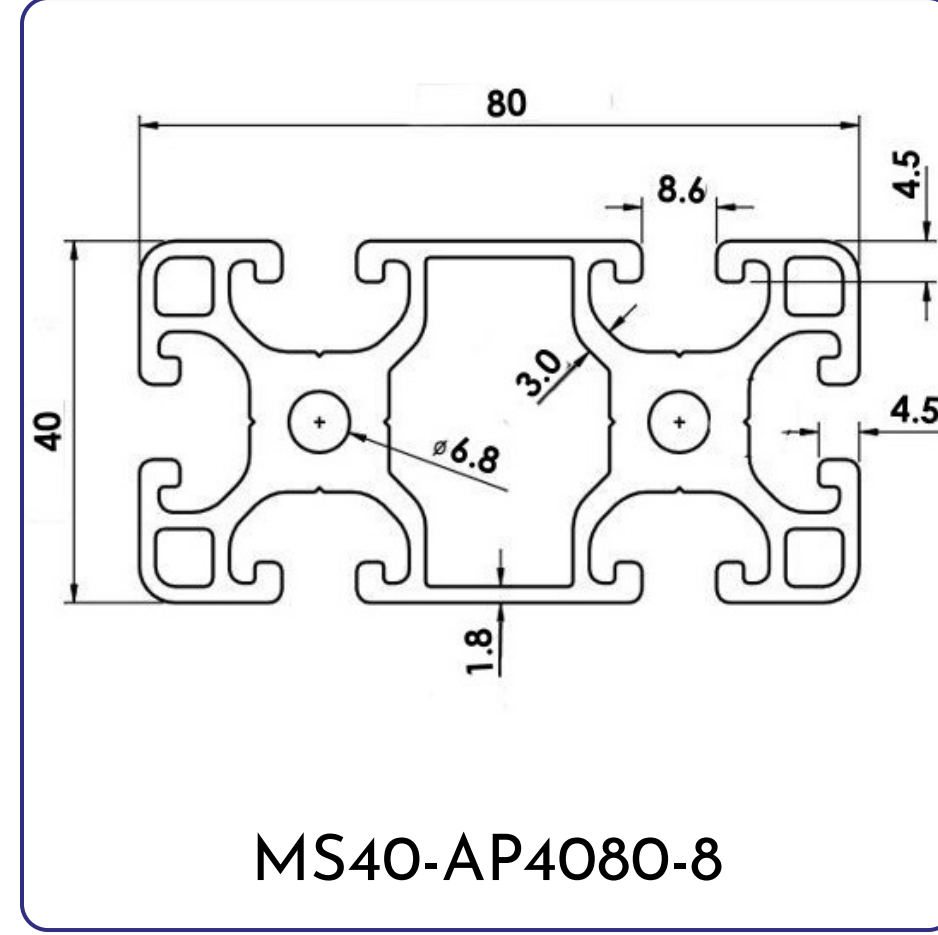
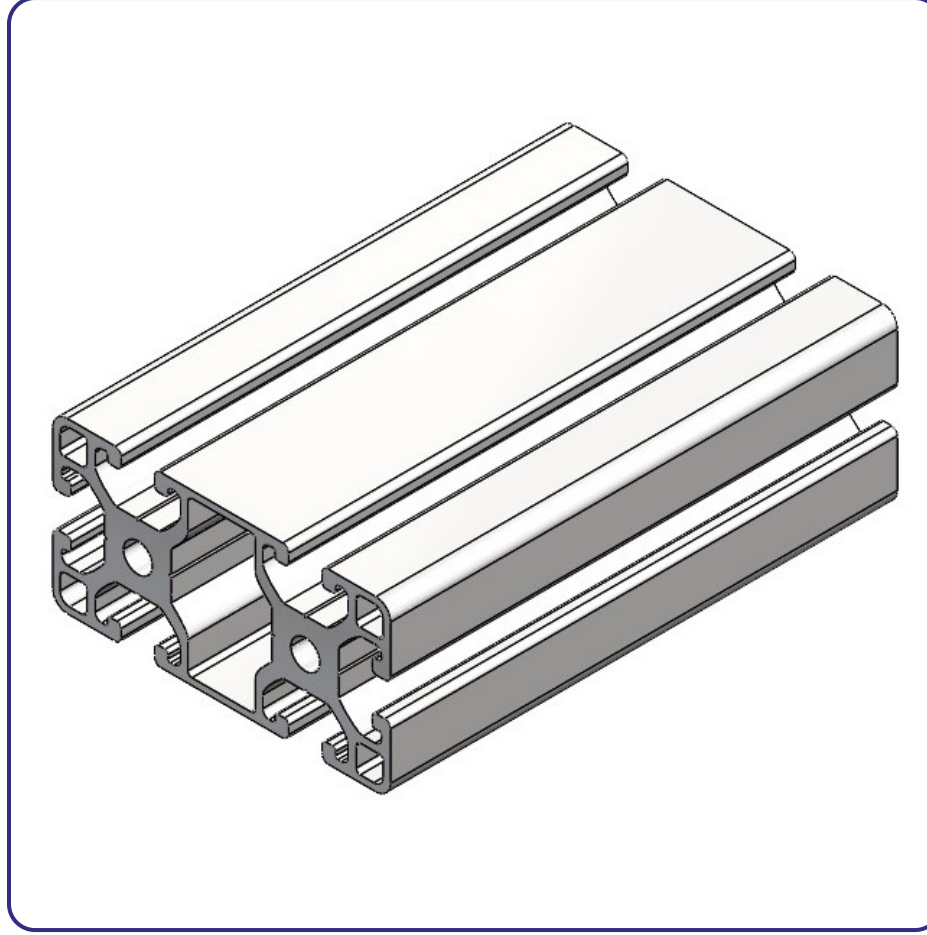
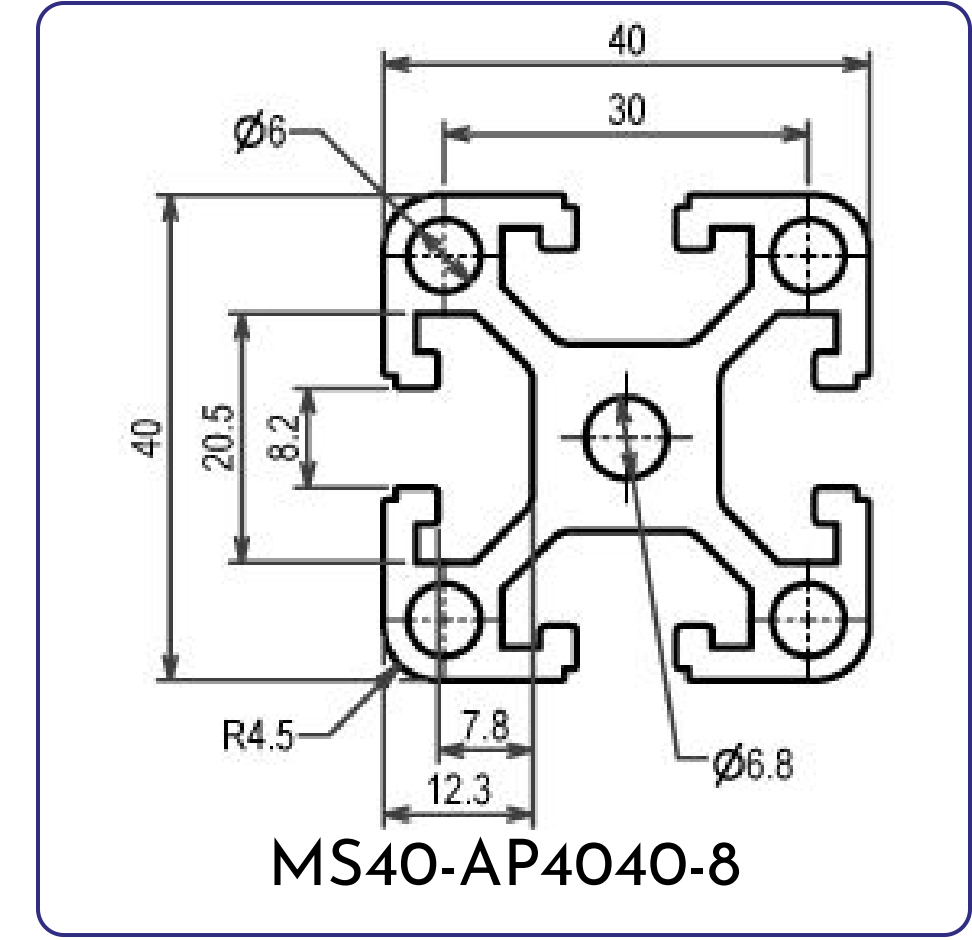
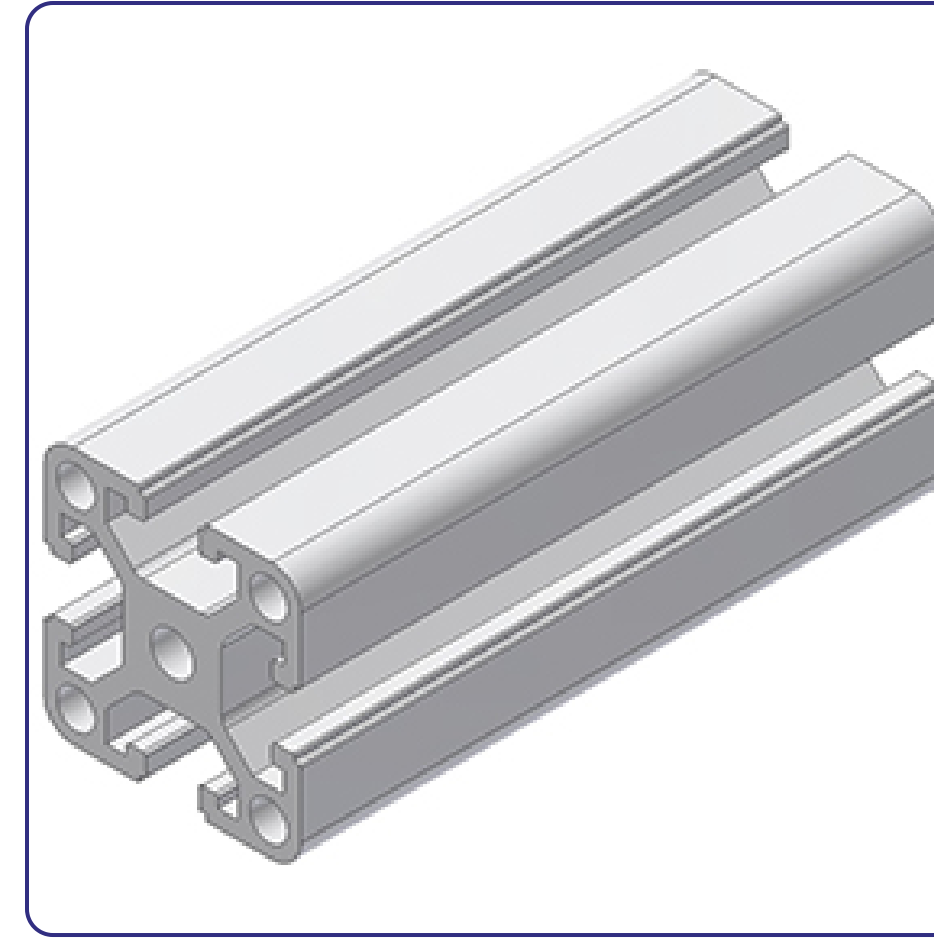
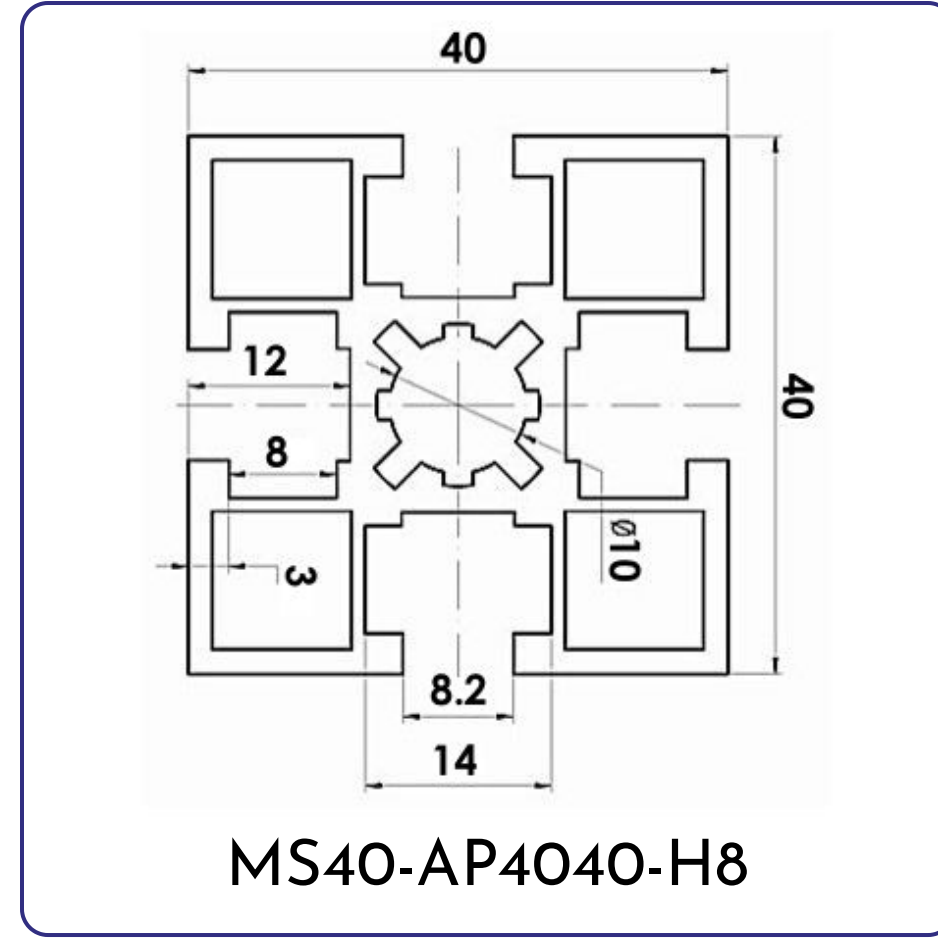
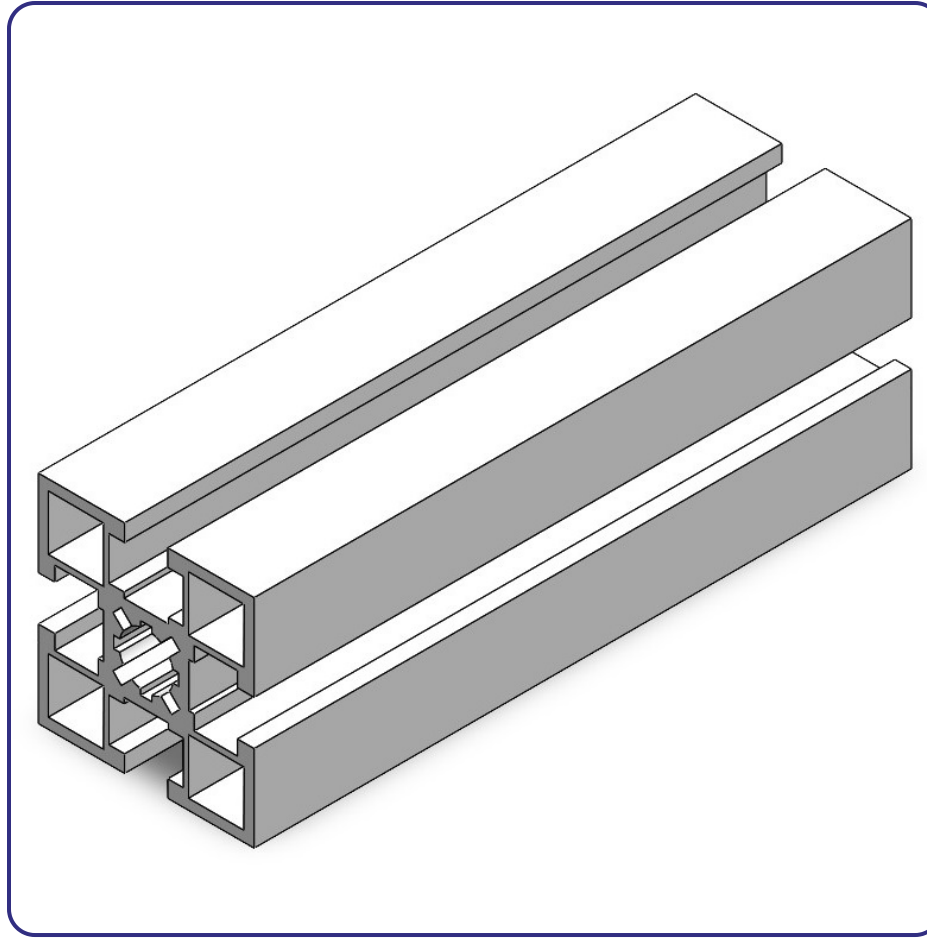
## 30 Series



Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS30-AP3030-8	Aluminium Profile 3030	Aluminium (6063-T5)	6000	0.953
MS30-AP3060-8	Aluminium Profile 3060	Aluminium (6063-T5)	6000	1.473
MS30-AP3030-8E1	T Slotted Aluminium Profile 3030	Aluminium (6063-T5)	6000	0.96
MS30-AP3030-8R	Curved Aluminium Profile 3030	Aluminium (6063-T5)	6000	0.89



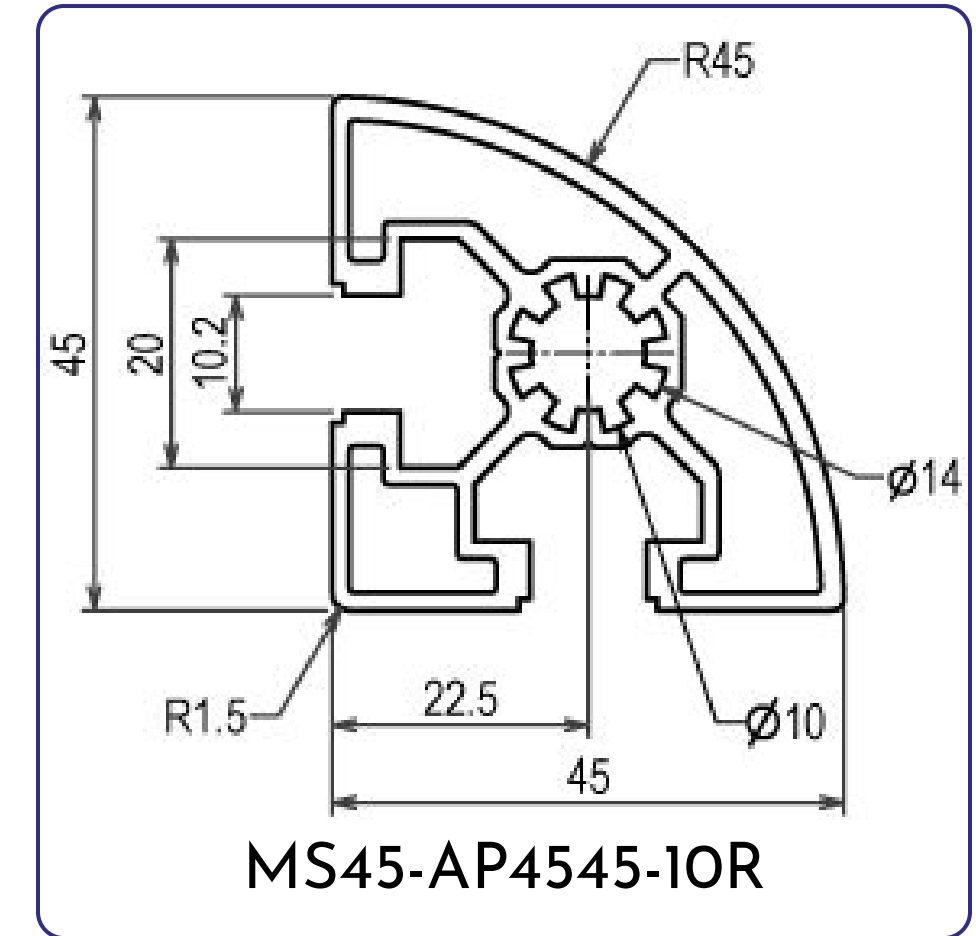
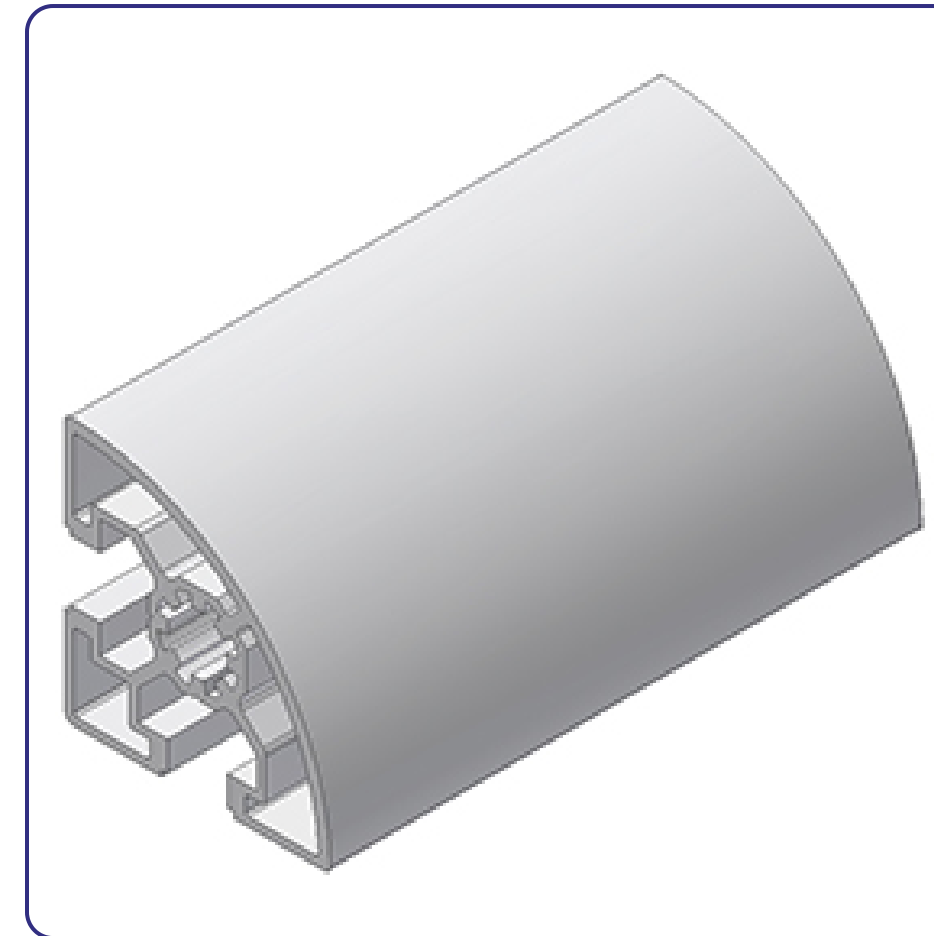
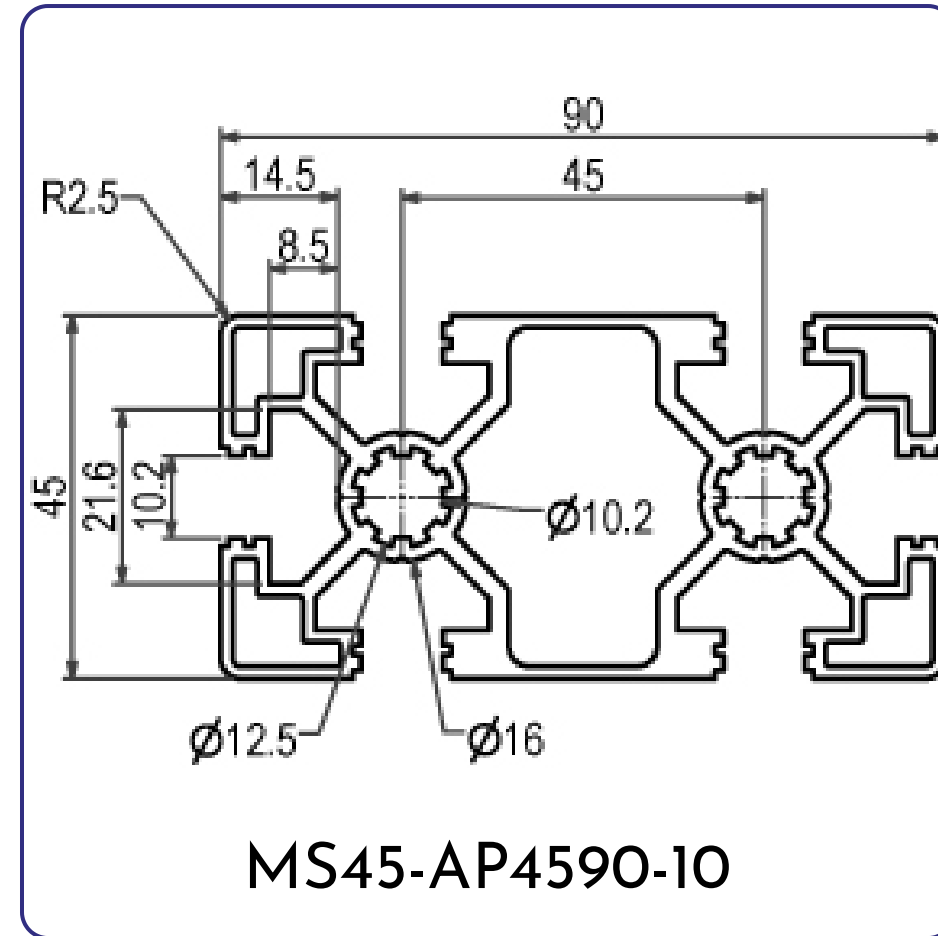
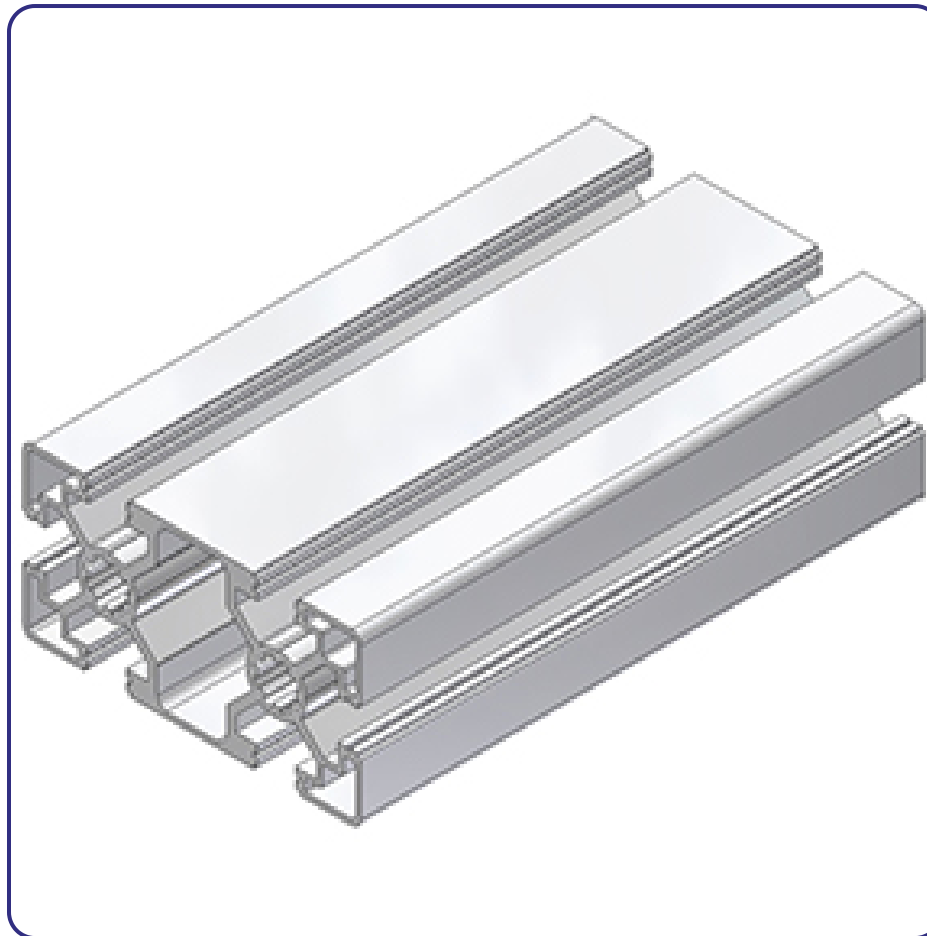
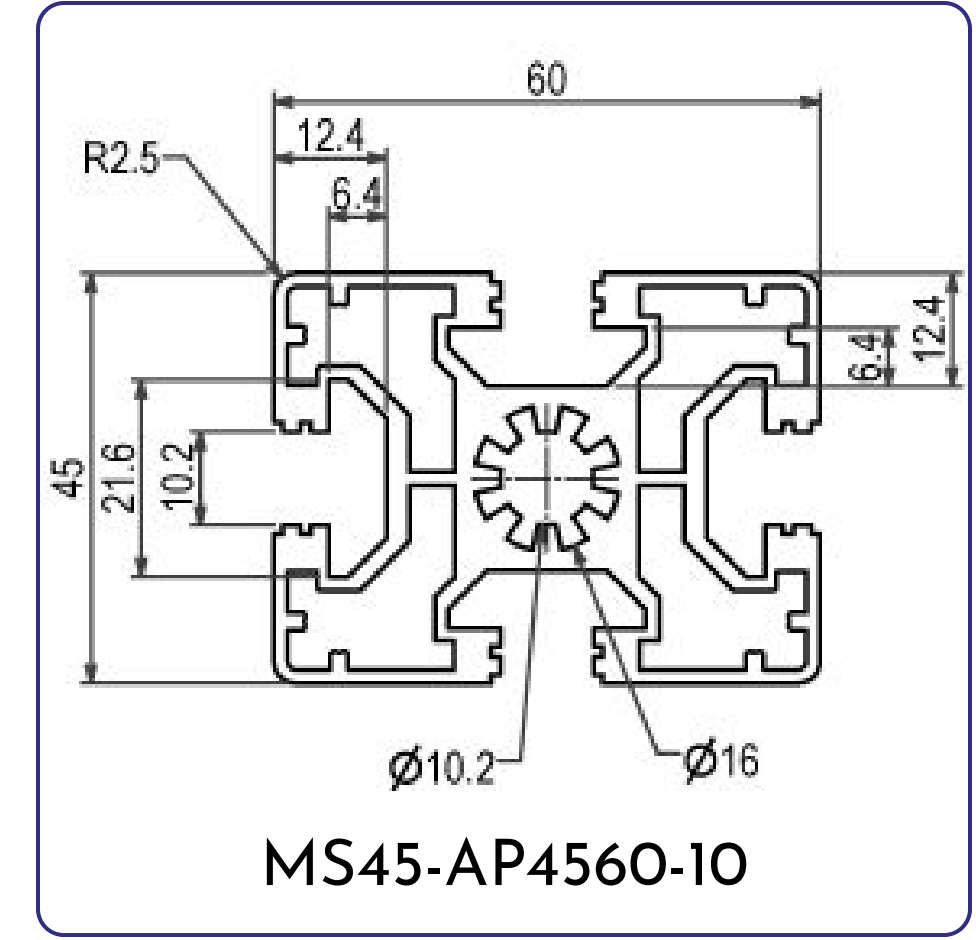
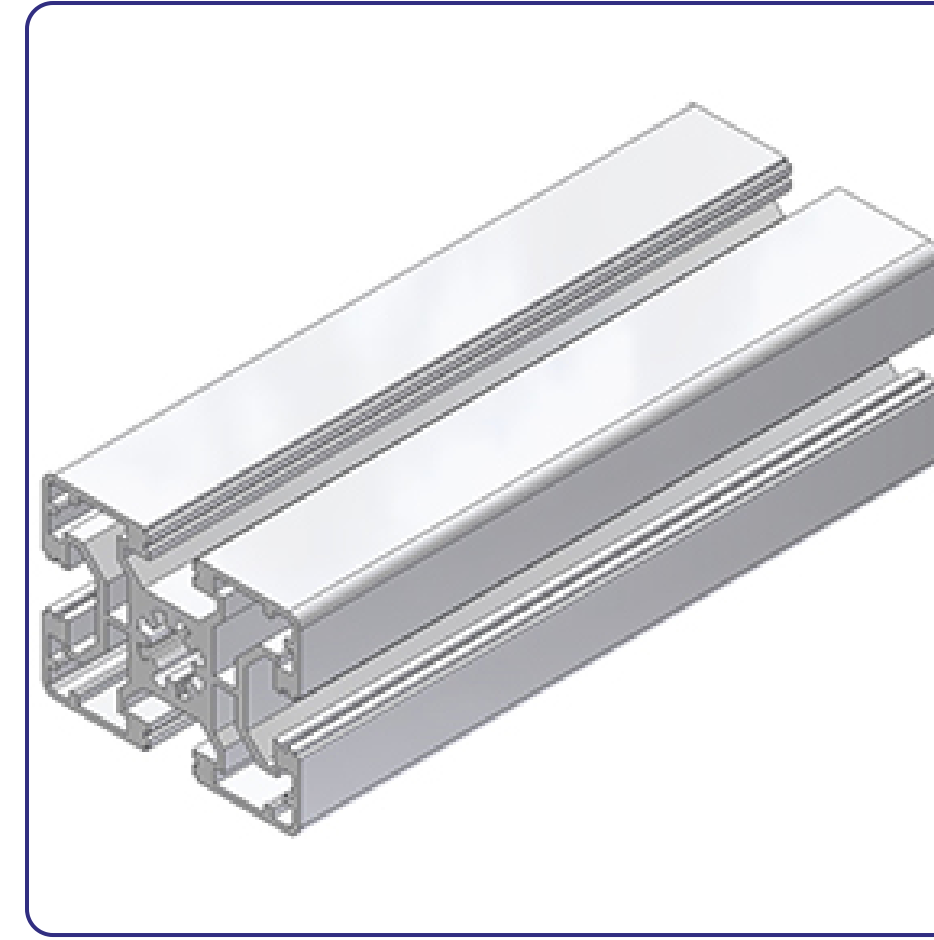
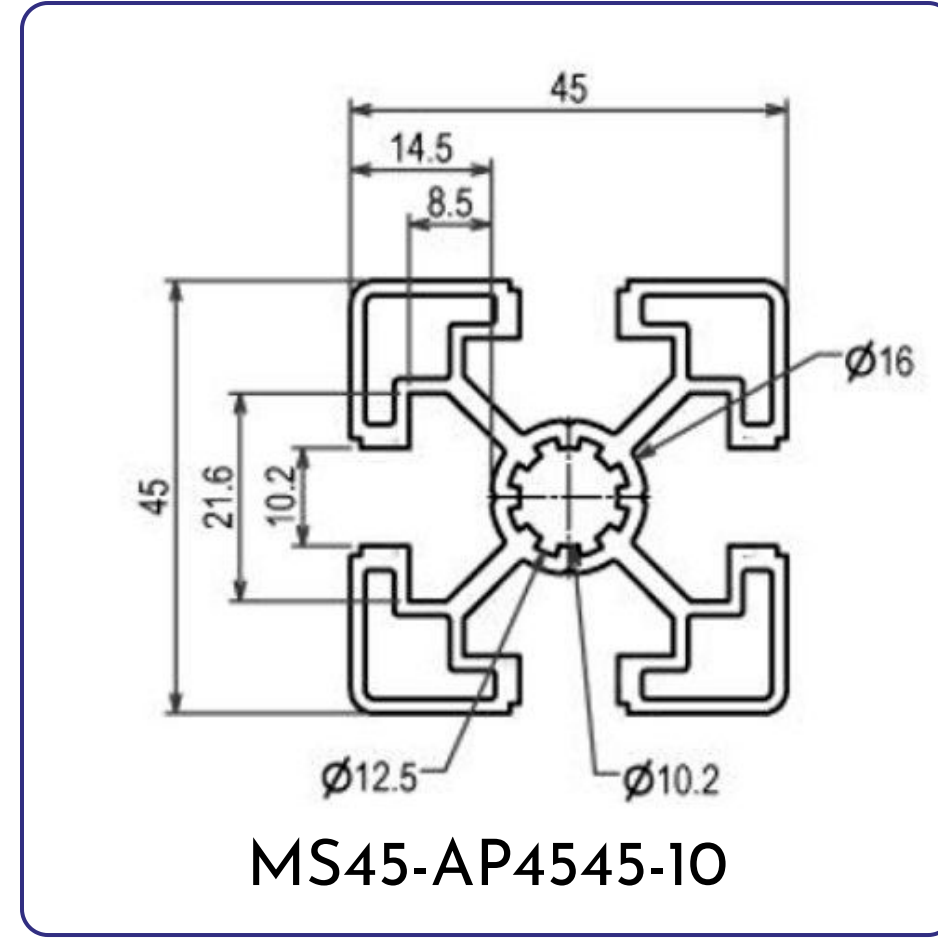
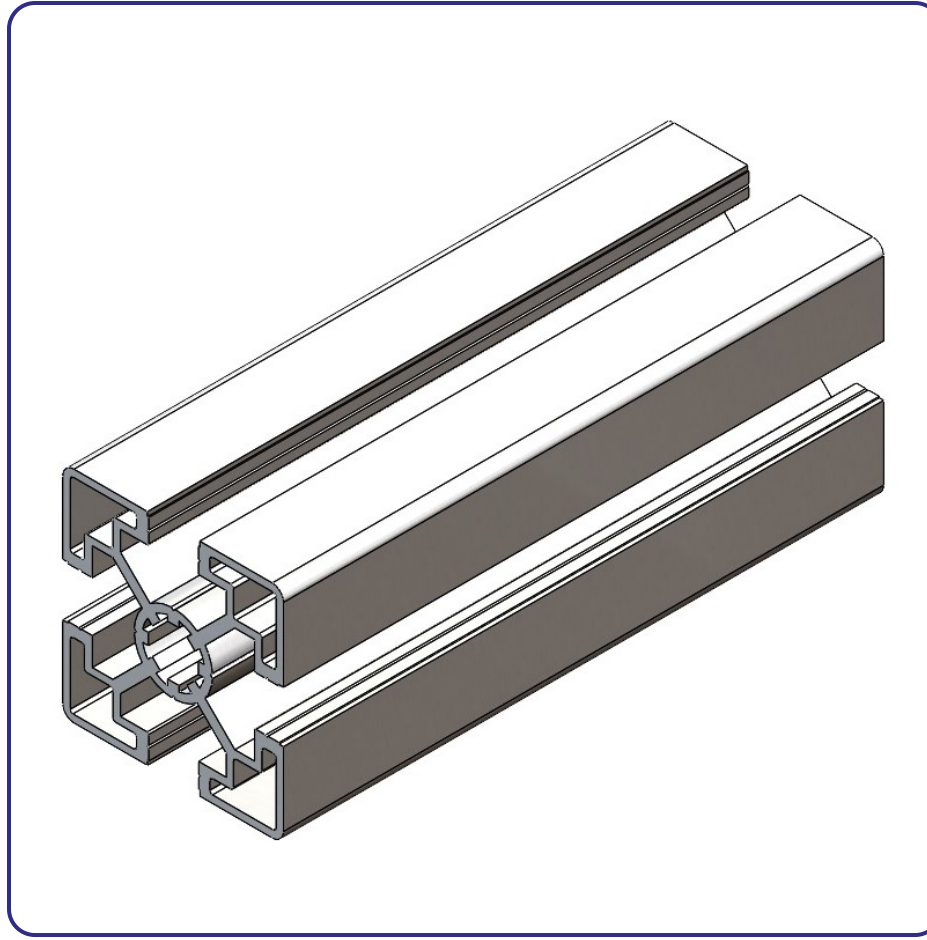
## 40 Series



Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS40-AP4040-H8	Aluminium Profile 4040 H8	Aluminium (6063-T5)	6000	1.51
MS40-AP4040-8	Aluminium Profile 4040 P8	Aluminium (6063-T5)	6000	1.71
MS40-AP4080-8	Aluminium Profile 4080	Aluminium (6063-T5)	6000	3.044
MS40-AP4040-8H8	Aluminium Profile 4040 P8H8	Aluminium (6063-T5)	6000	1.263
MS40-AP404-8R	Curved Aluminium Profile 4040	Aluminium (6063-T5)	6000	1.44
MS40-AP4040-8E1	T Slotted Aluminium Profile 4040	Aluminium (6063-T5)	6000	1.86

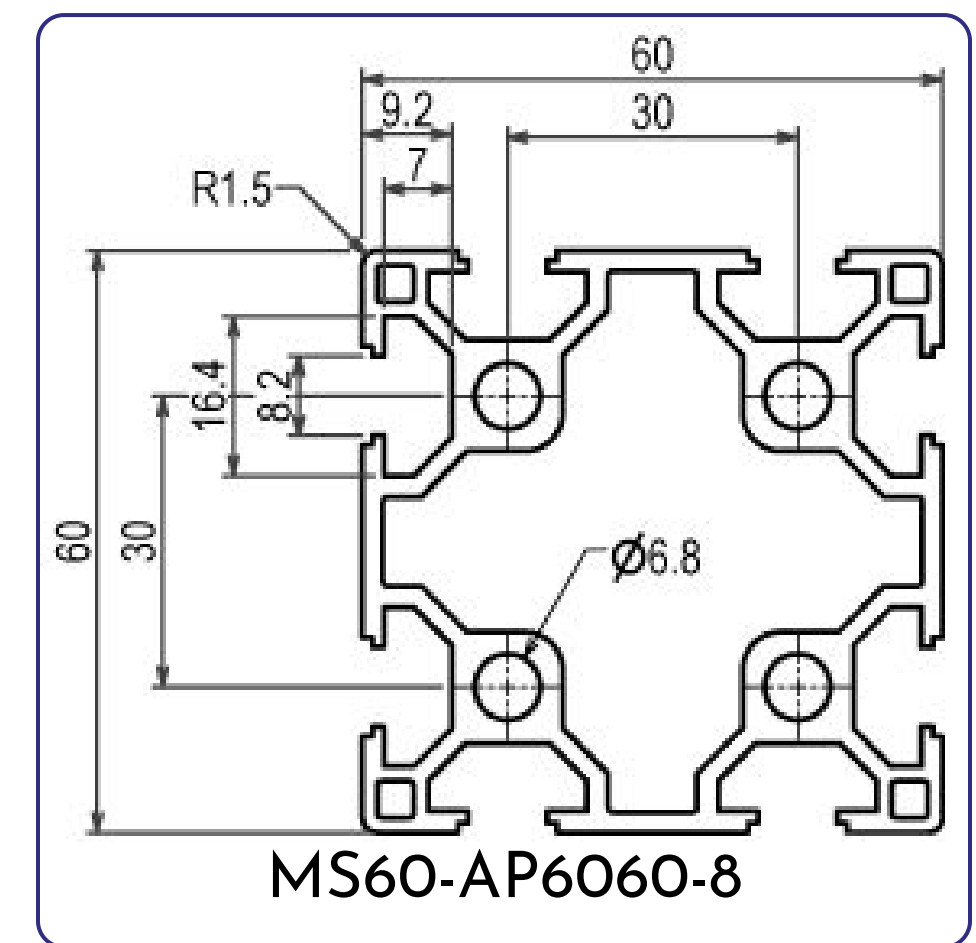
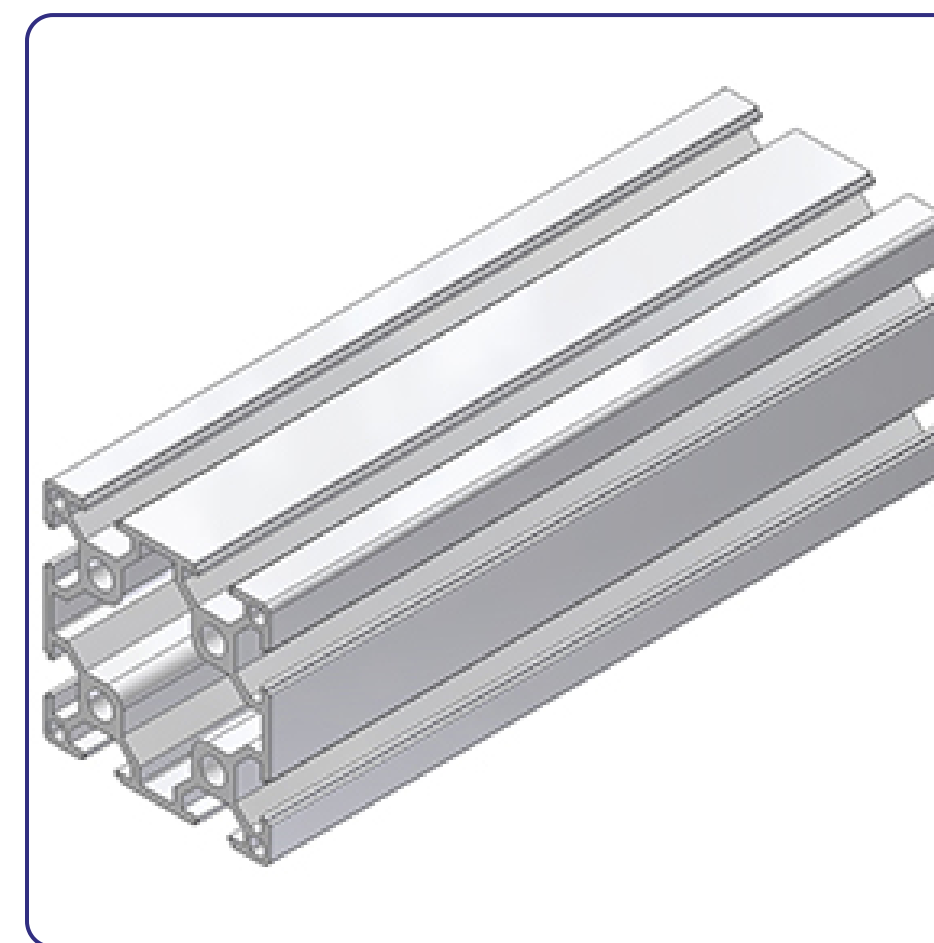
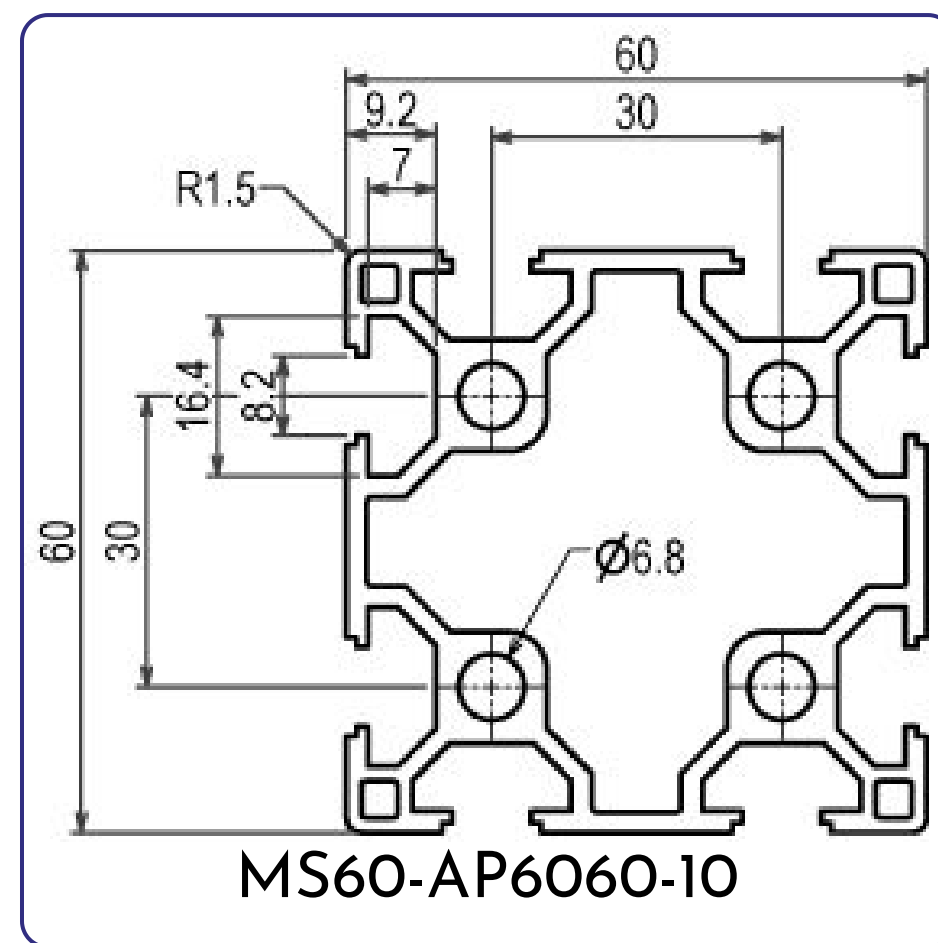
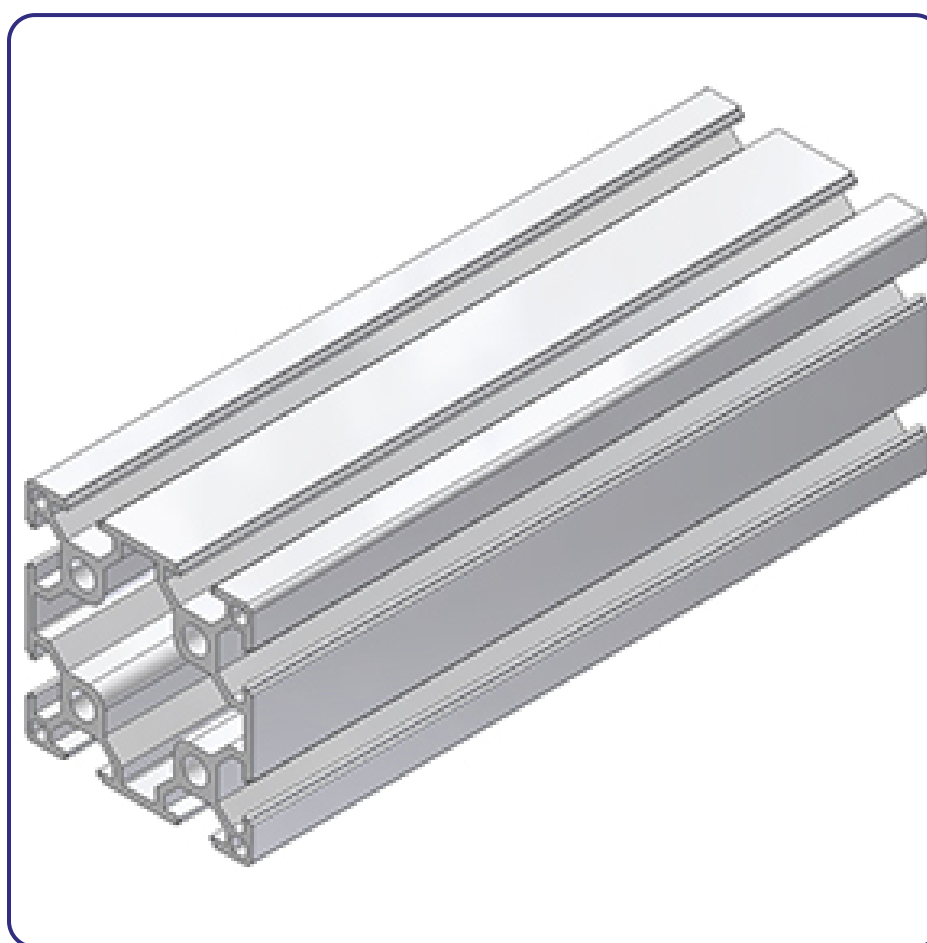


## 45 Series



Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS45-AP4545-10	Aluminium Profile 4545	Aluminium (6063-T5)	6000	1.66
MS45-AP4560-10	Aluminium Profile 4560	Aluminium (6063-T5)	6000	2.56
MS45-AP4590-10	Aluminium Profile 4590	Aluminium (6063-T5)	6000	2.83
MS45-AP4545-10R	Curved Aluminium Profile 4545	Aluminium (6063-T5)	6000	1.29

## 60 Series

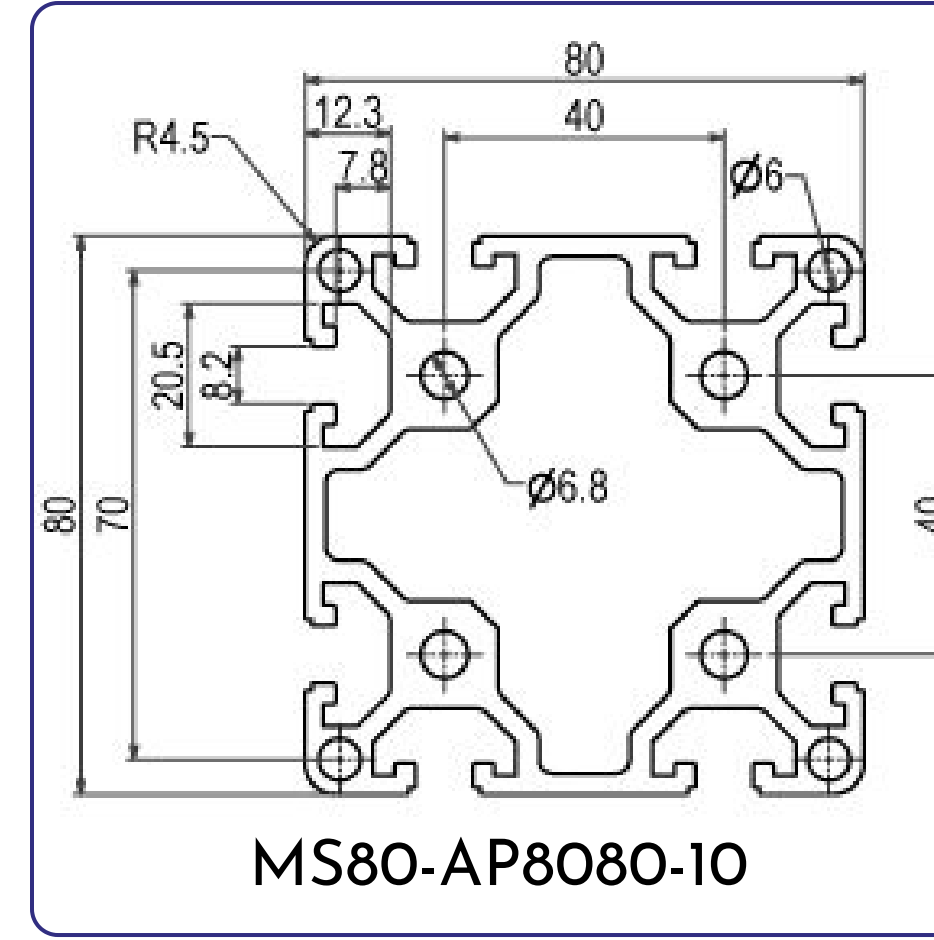
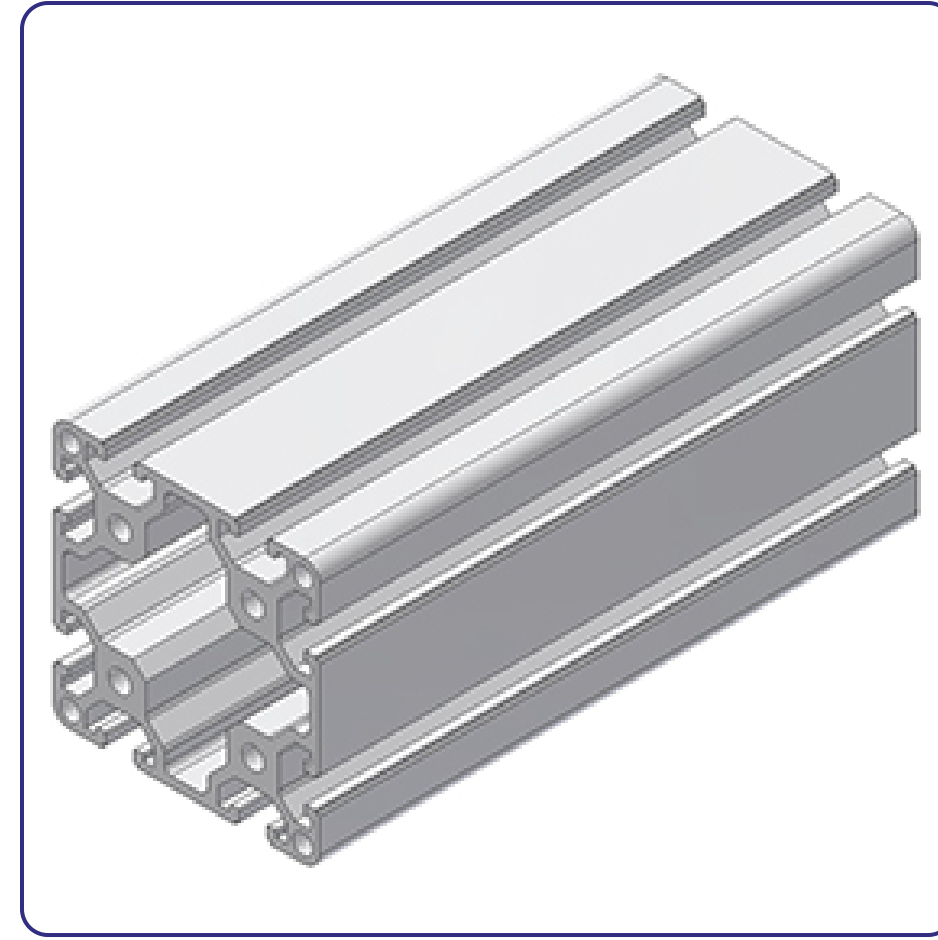


Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS60-AP6060-10	Aluminium Profile 6060	Aluminium (6063-T5)	6000	2.53
MS60-AP6060-8	Aluminium Profile 6060 Slot 8 4 Pin	Aluminium (6063-T5)	6000	2.53



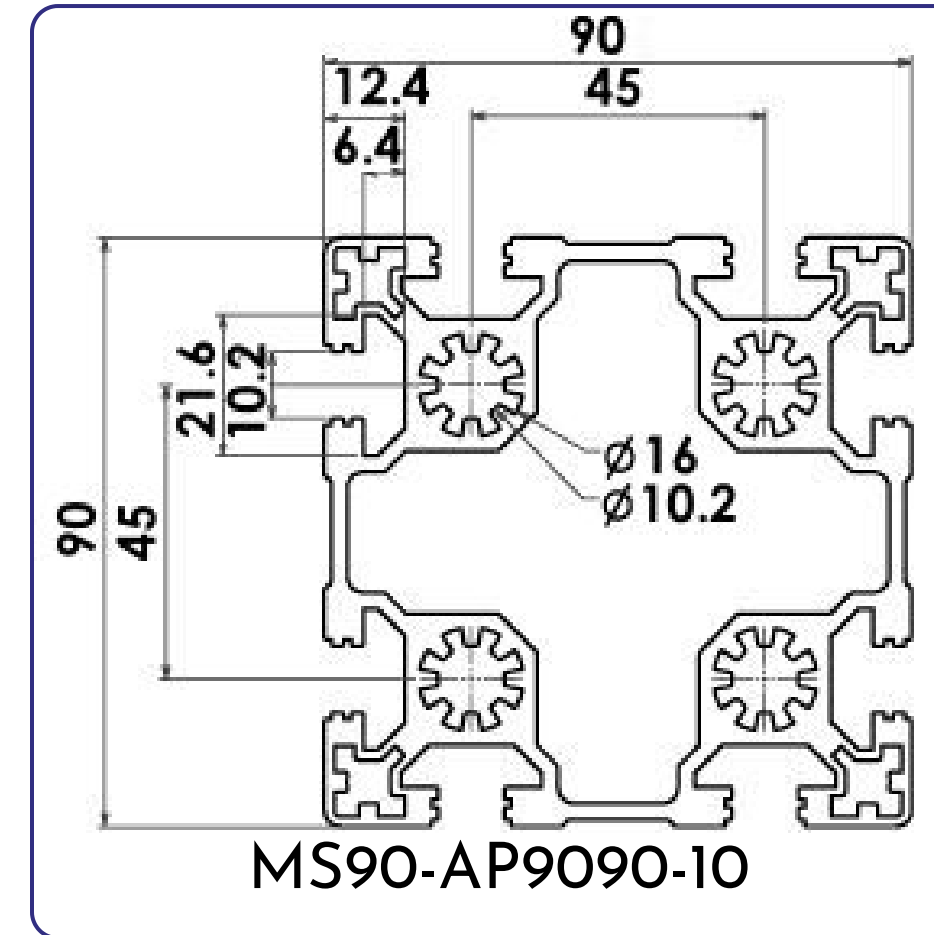
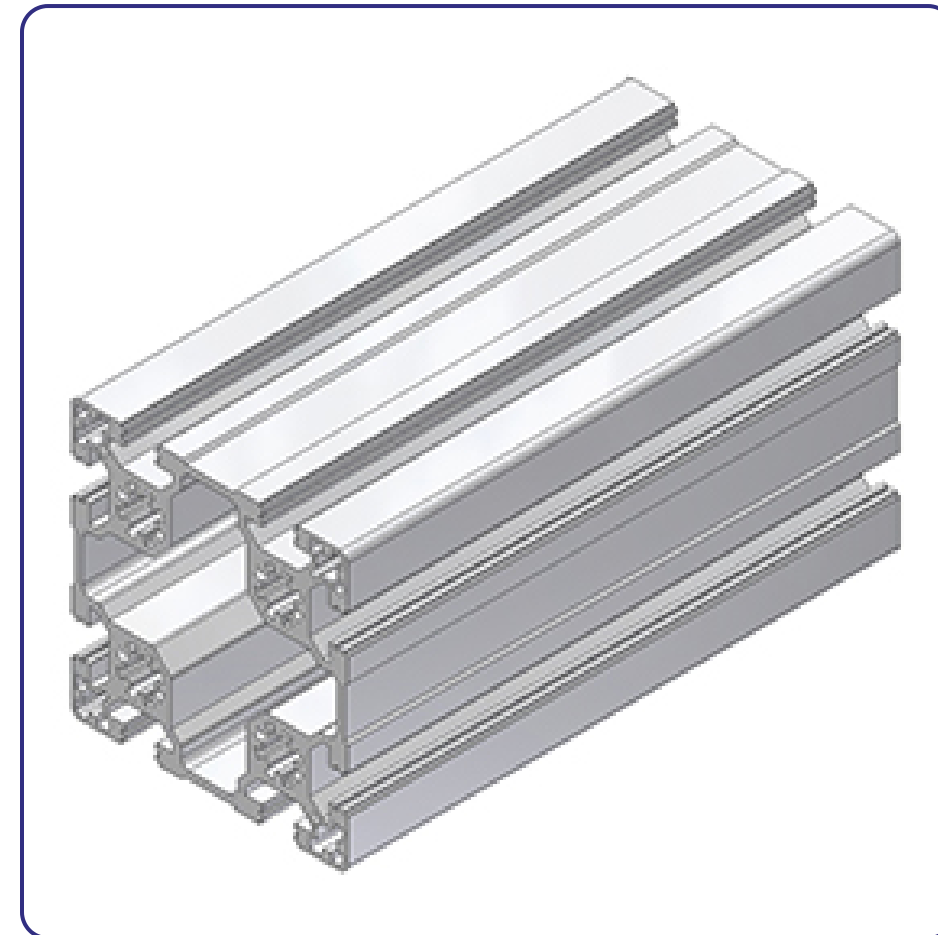
# ALUMINIUM PROFILE

## 80 Series



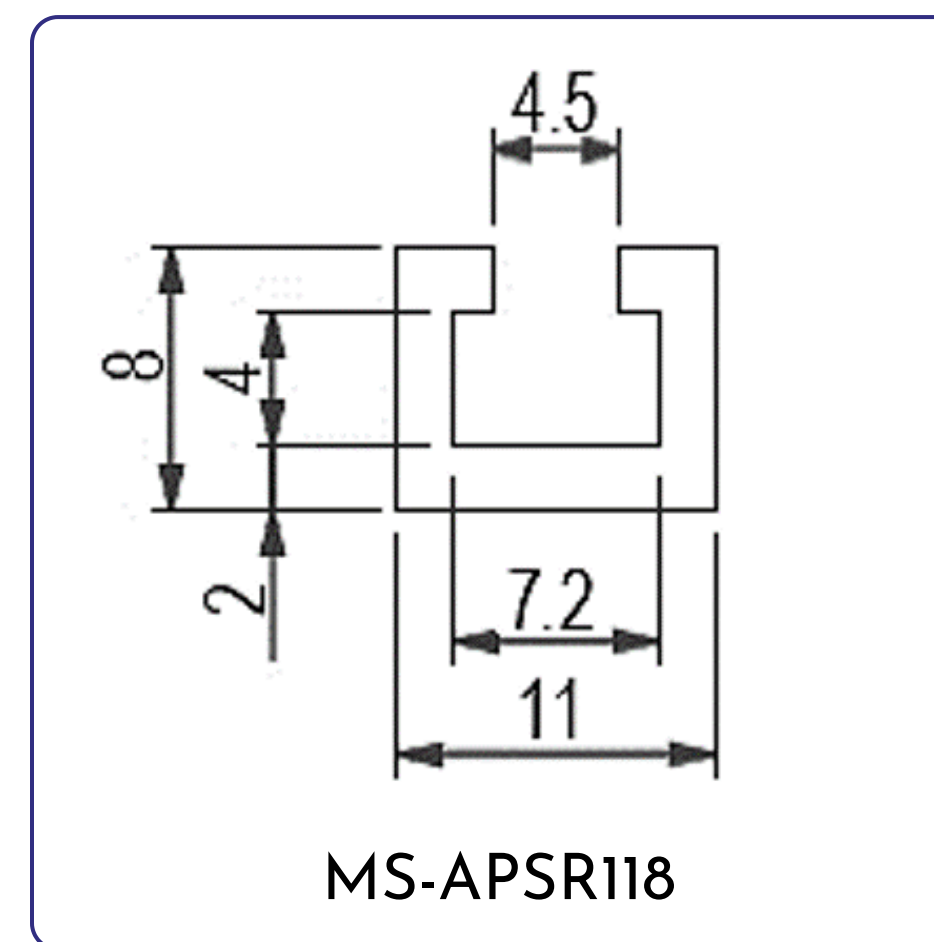
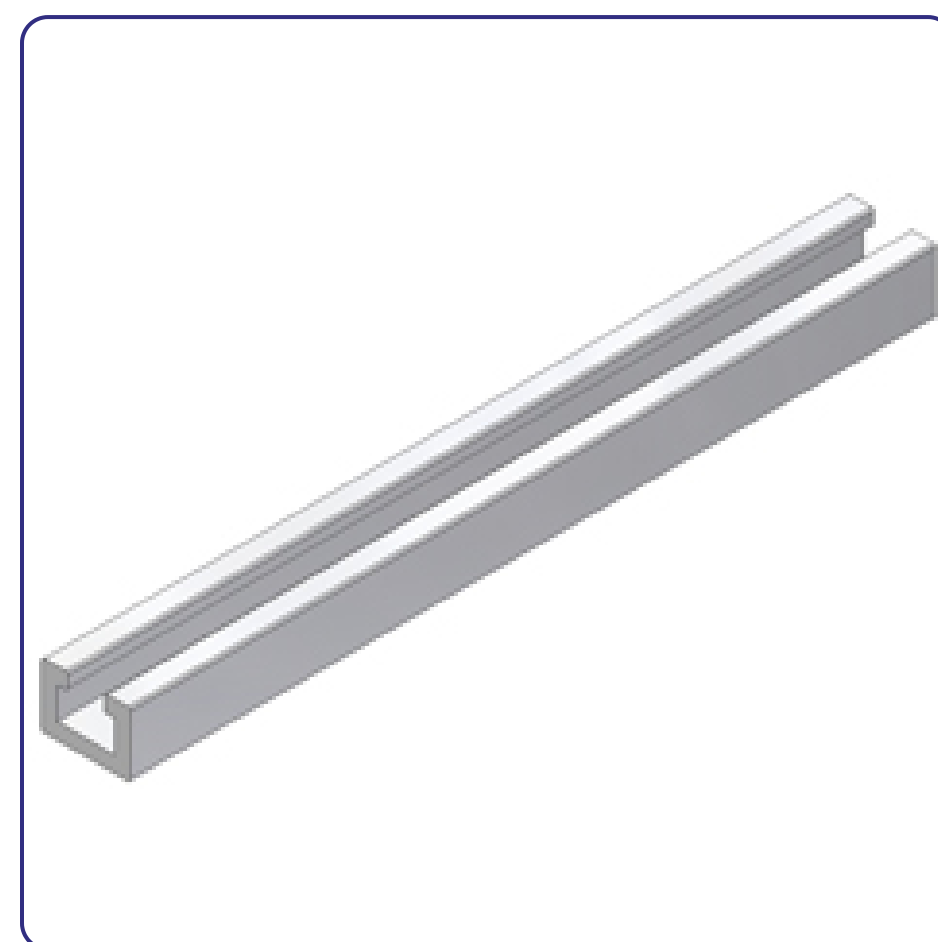
Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS80-AP8080-10	Aluminium Profile 8080	Aluminium (6063-T5)	6000	5.33

## 90 Series



Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS90-AP9090-10	Aluminium Profile 9090	Aluminium (6063-T5)	6000	6.16

## Sensor Rail Profiles



Part No	Name	Material	Length(mm)	Weight(kg/meter)
MS-APSR118	Aluminium Profile Sensor Rail 11X8	Aluminium (6063-T5)	2500	0.136

# **BOLTS & NUTS**



## Hammer Head Bolt



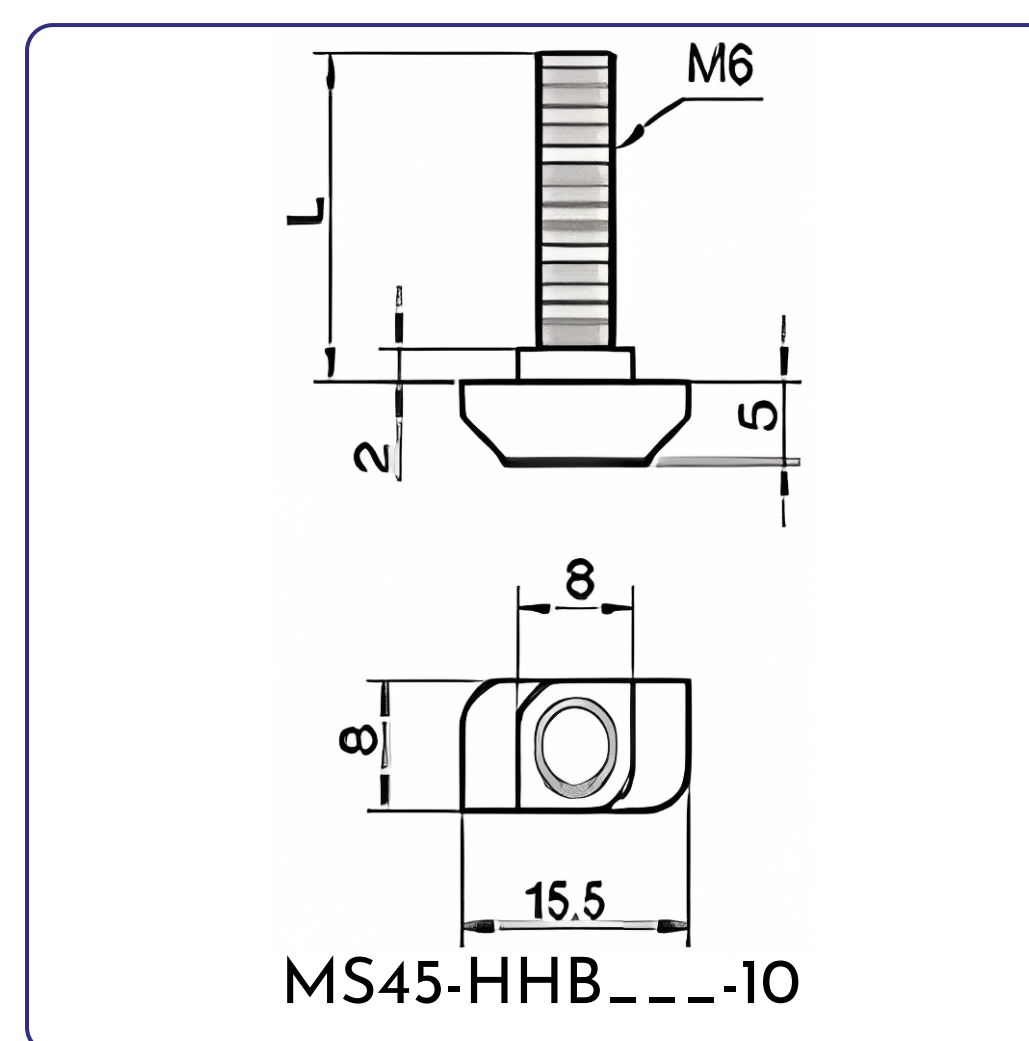
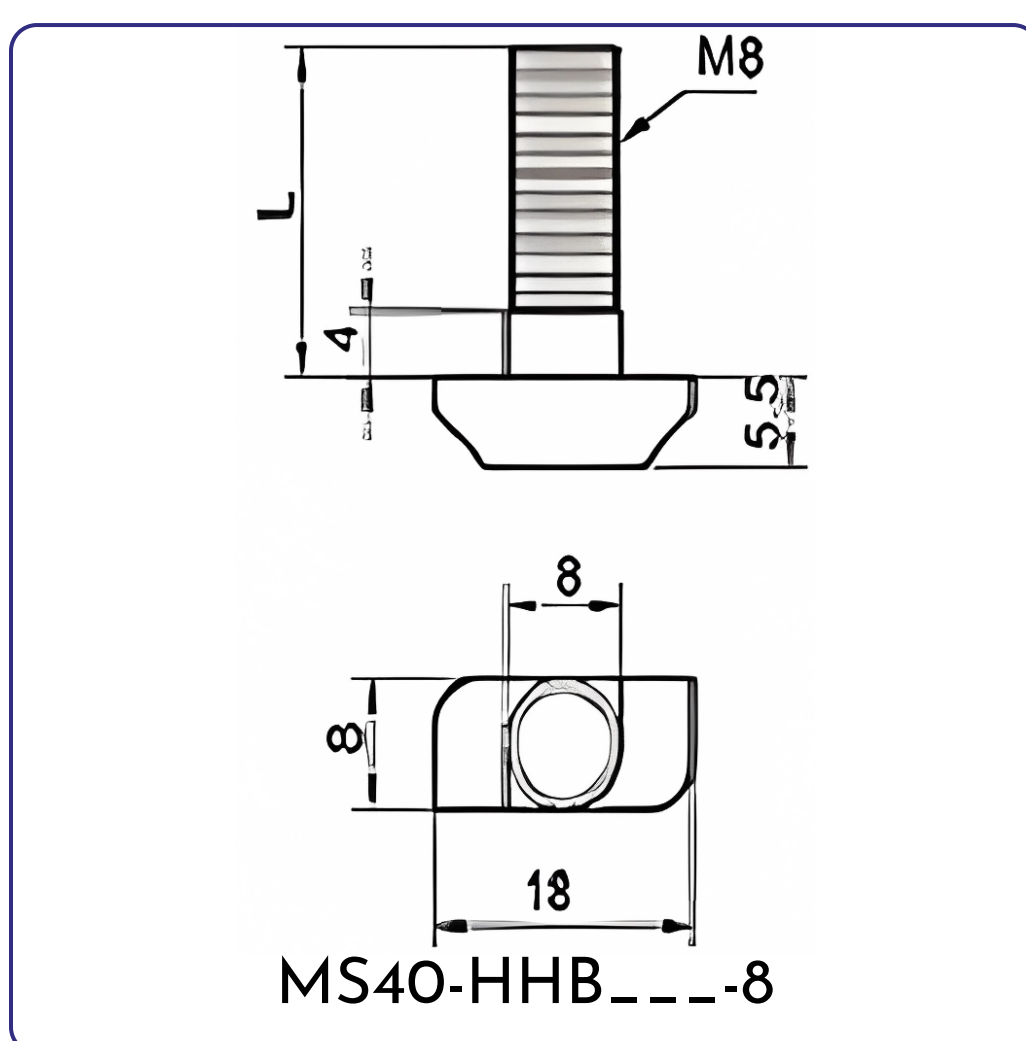
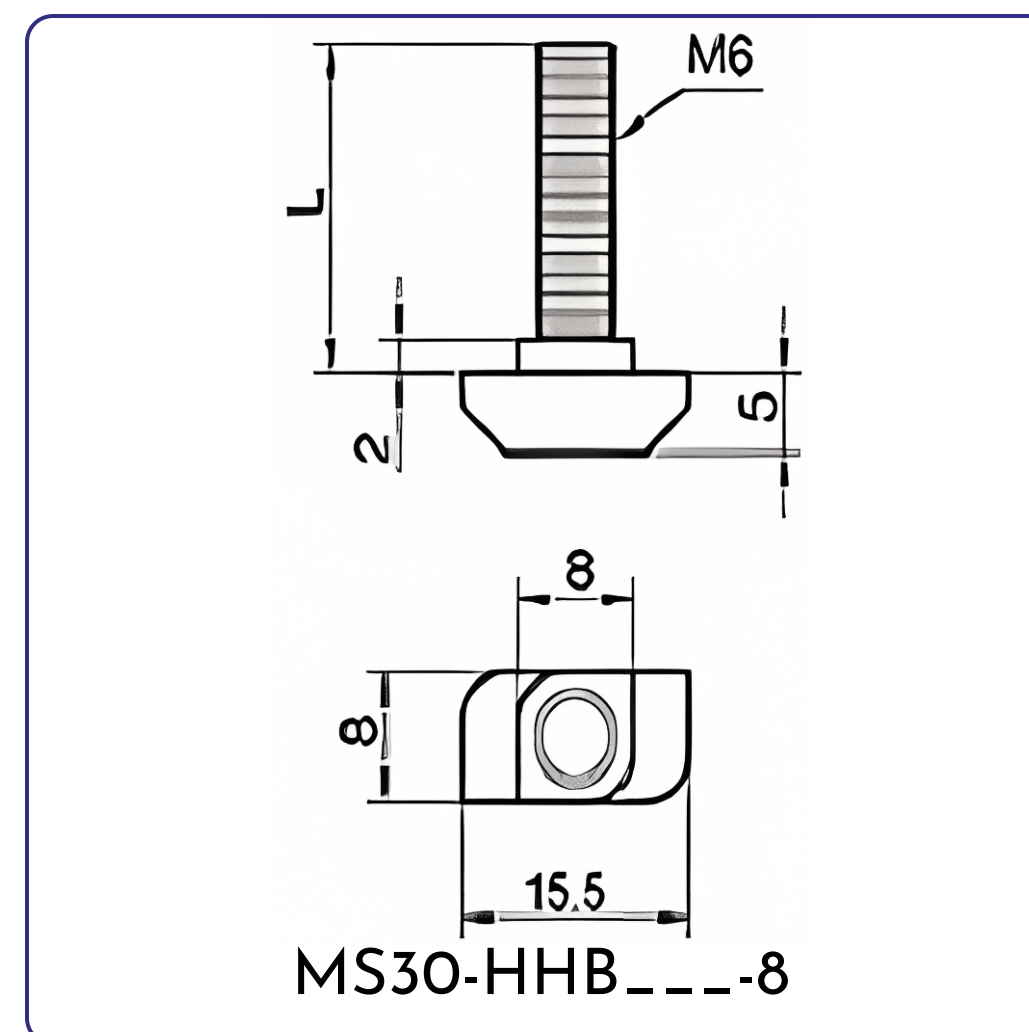
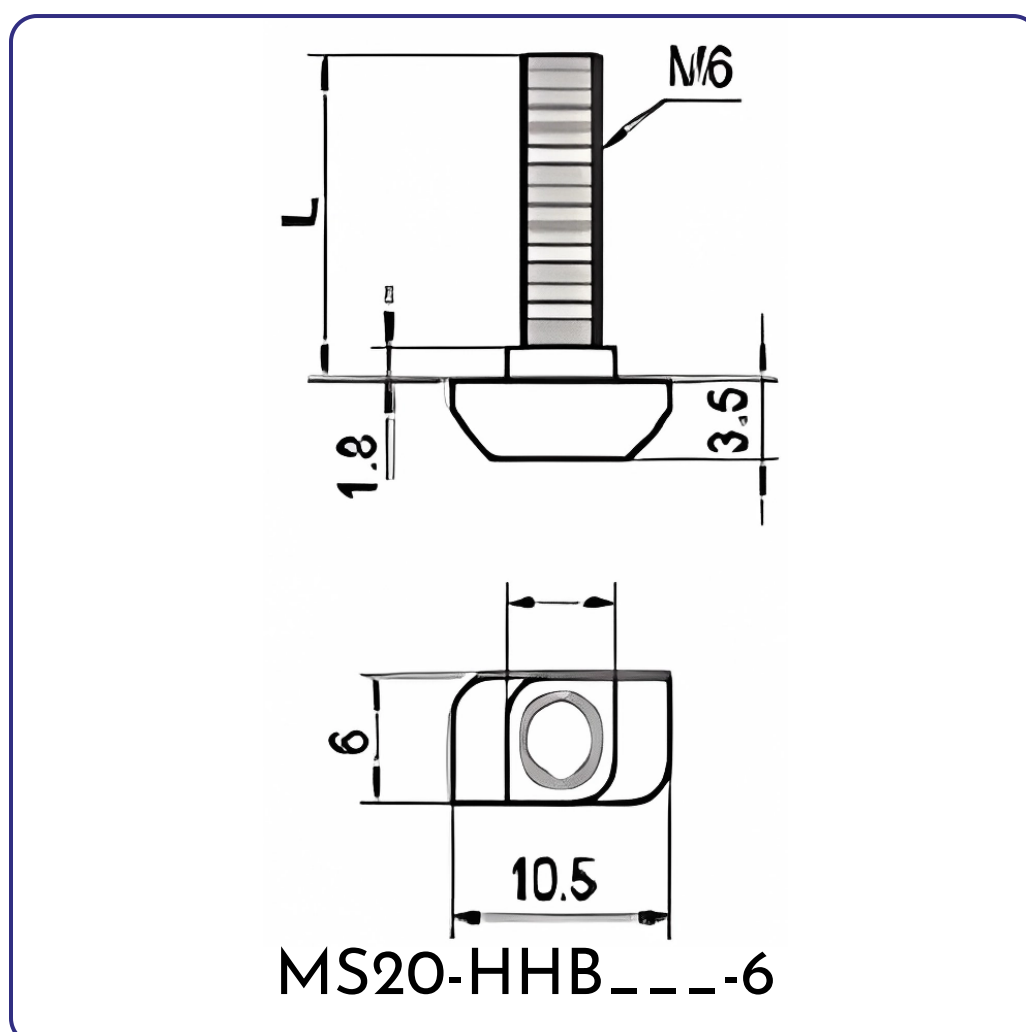
Series	Part No	Screw Size	L
20	MS20-HHBM5__-6	M5	12/16
30	MS30-HHBM6__-8	M6	16/20
40	MS40-HHBM8__-8	M8	20/25/30/35/40
45	MS45-HHBM8__-10	M8	25/30/35/40

Material: Nickel Plated Steel

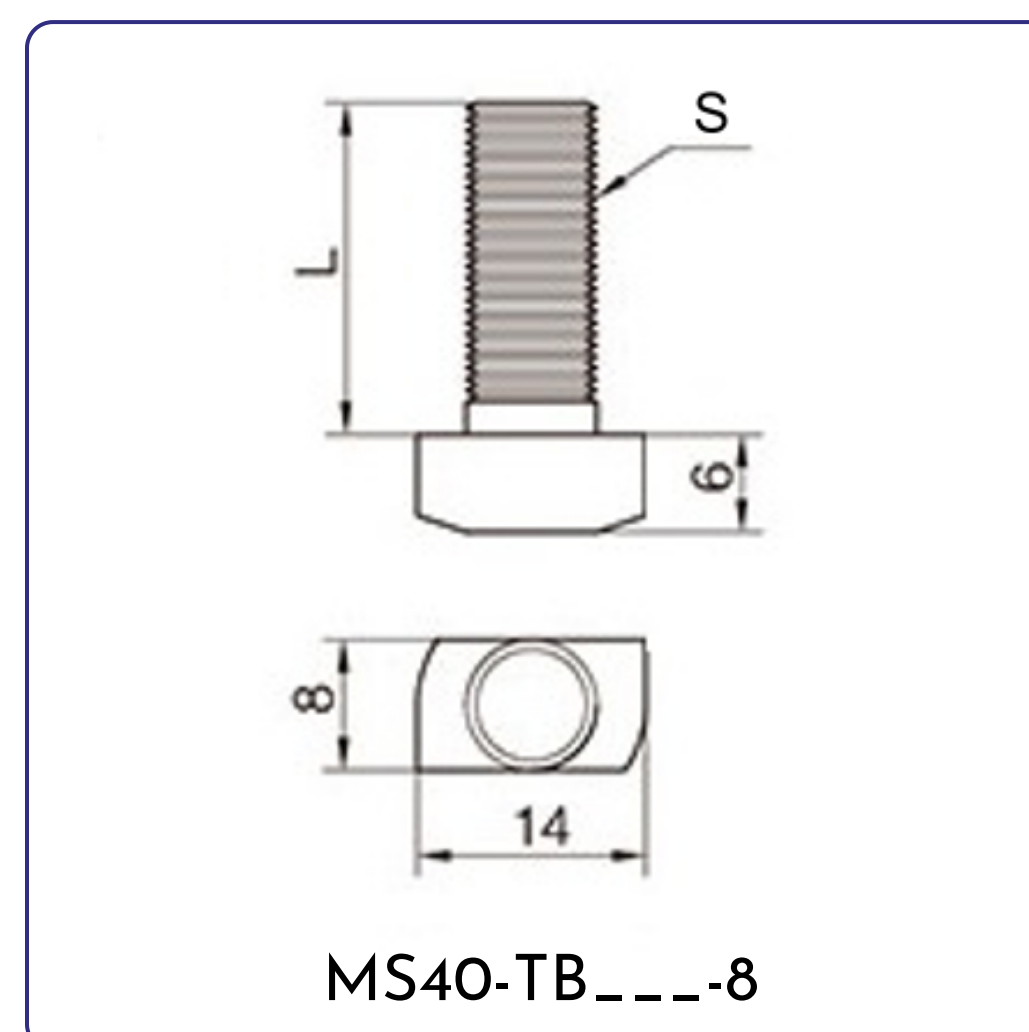
Universal mounting bolt that is used to fasten accessories to profile by means of tightening clamp in the profile slot. Can be inserted in a profile slot at any desired spot.

Used for European Standard Aluminium Profile only.

\*Example Part no: MS40-HHBM616-8 (Series 40/M6x16/Slot 8)



## T Bolt



Series	Part No	S	L
40	MS40-TBM6__-8	M6	16/20
	MS40-TBM820-8	M8	20

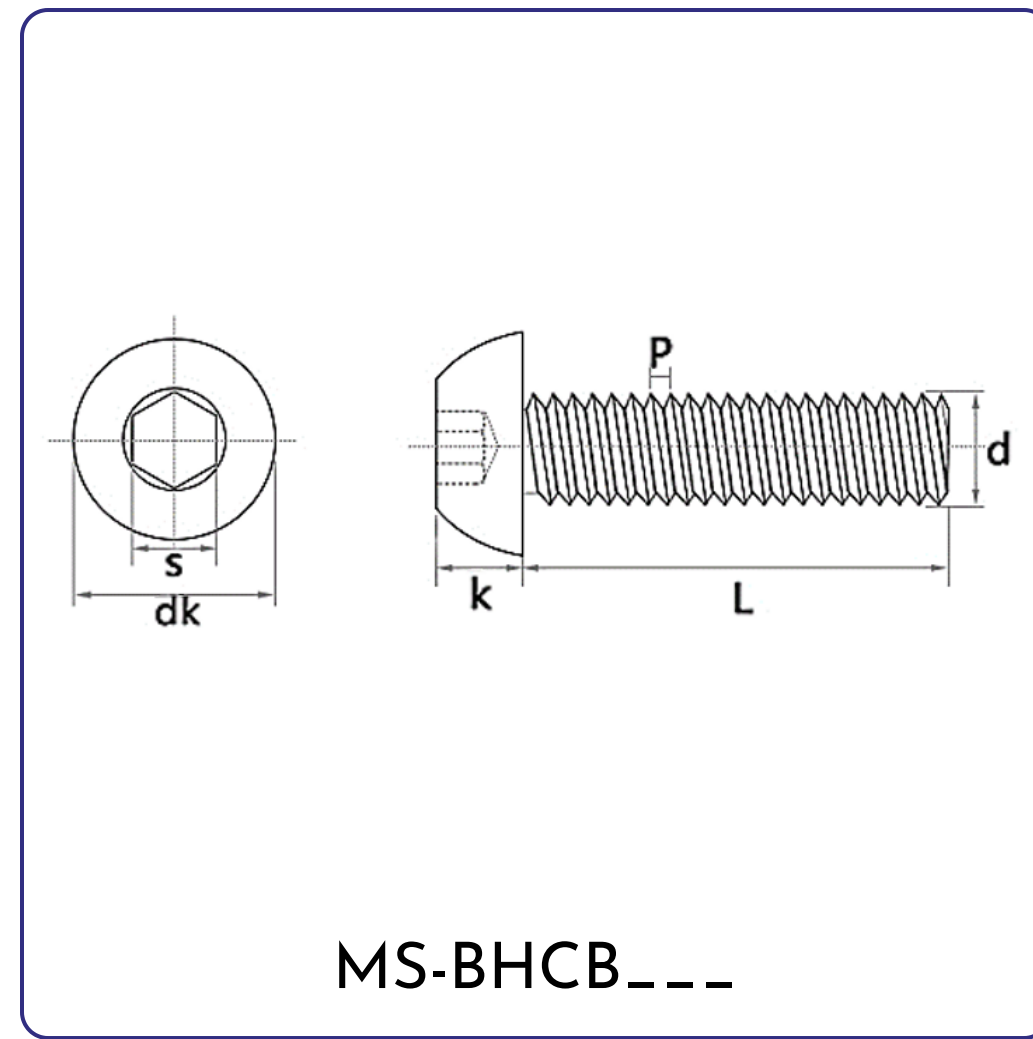
Material: Zinc Plated Steel

Universal mounting bolt that is used to fasten accessories to profile by means of tightening clamp in the profile slot. Can be inserted in a profile slot at any desired spot.

Used for Local Standard Aluminium Profile only.

\*Example Part no: MS40-TBM616-8 (Series 40/M6x16/Slot 8)

## Button Head Cap Bolt



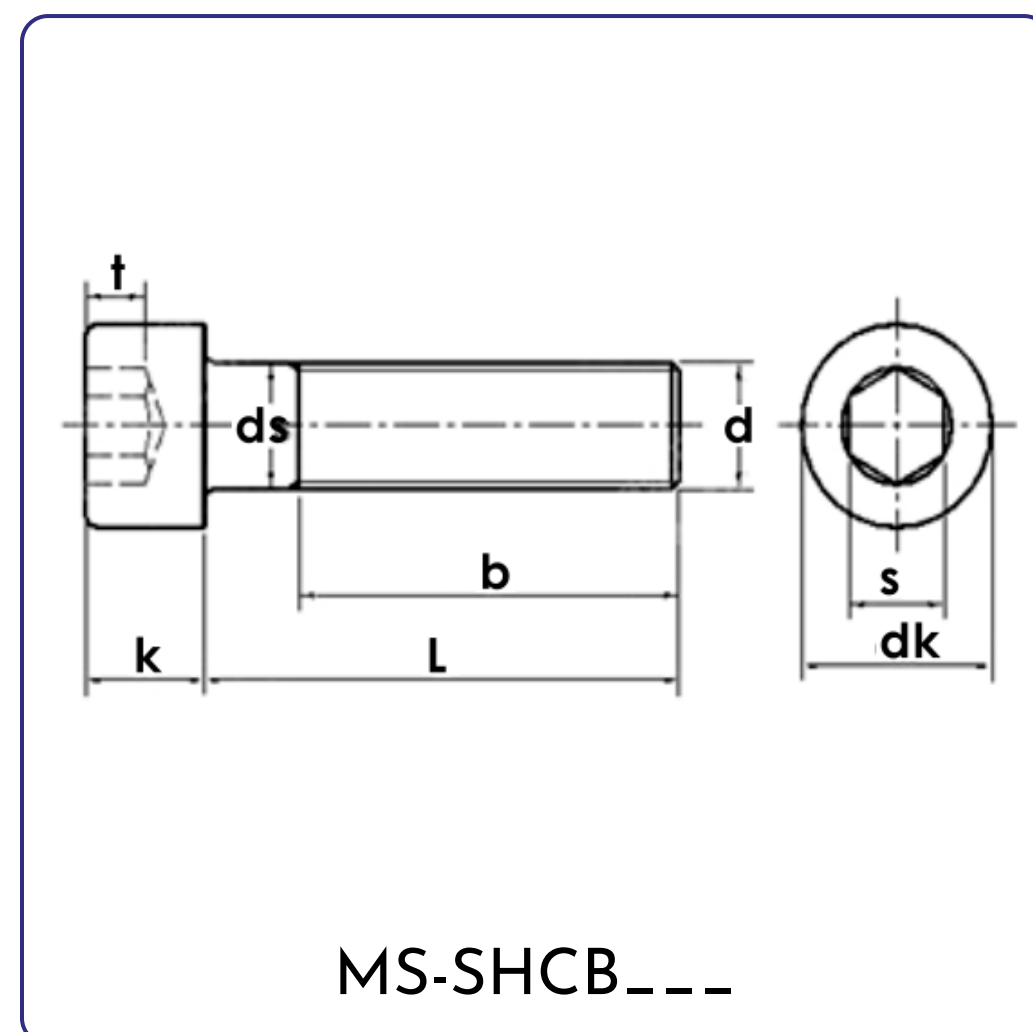
Part No	d	L	P	k	s	dk
MS-BHCBM3_..	M3	8/10/12/16	0.5	1.65	2	5.7
MS-BHCBM4_..	M4	6/8/10/12/16/20	0.7	2.2	2.5	7.6
MS-BHCBM5_..	M5	8/10/12/16/20/25/30	0.8	2.75	3	9.5
MS-BHCBM6_..	M6	8/10/12/16/20/25/30	1	3.3	4	10.5
MS-BHCBM9_..	M8	8/10/12/16/20/25/30	1.25	4.4	5	14
MS-BHCBM10_..	M10	10/12/16/20/25/30/35	1.5	5.5	6	17.5
MS-BHCBM1230	M12	30	1.75	5.7	8	19

Material: Nickel Plated Steel

Inner hexagon bolt with rounded top for aesthetic look.

\*Example Part no: MS-BHCBM38 (M3x8)

## Socket Head Cap Bolt



Part No	d	L
MS-SHCBM3_..	M3	8/10/12/16
MS-SHCBM4_..	M4	6/8/10/12/16/20/30
MS-SHCBM5_..	M5	8/10/12/16/20/25/30
MS-SHCBM6_..	M6	8/10/12/16/20/25/30
MS-SHCBM8_..	M8	8/10/12/16/20/25/30
MS-SHCBM10_..	M10	10/12/16/20/25/30/35
MS-SHCBM12_..	M12	10/12/16/20/25/30/36

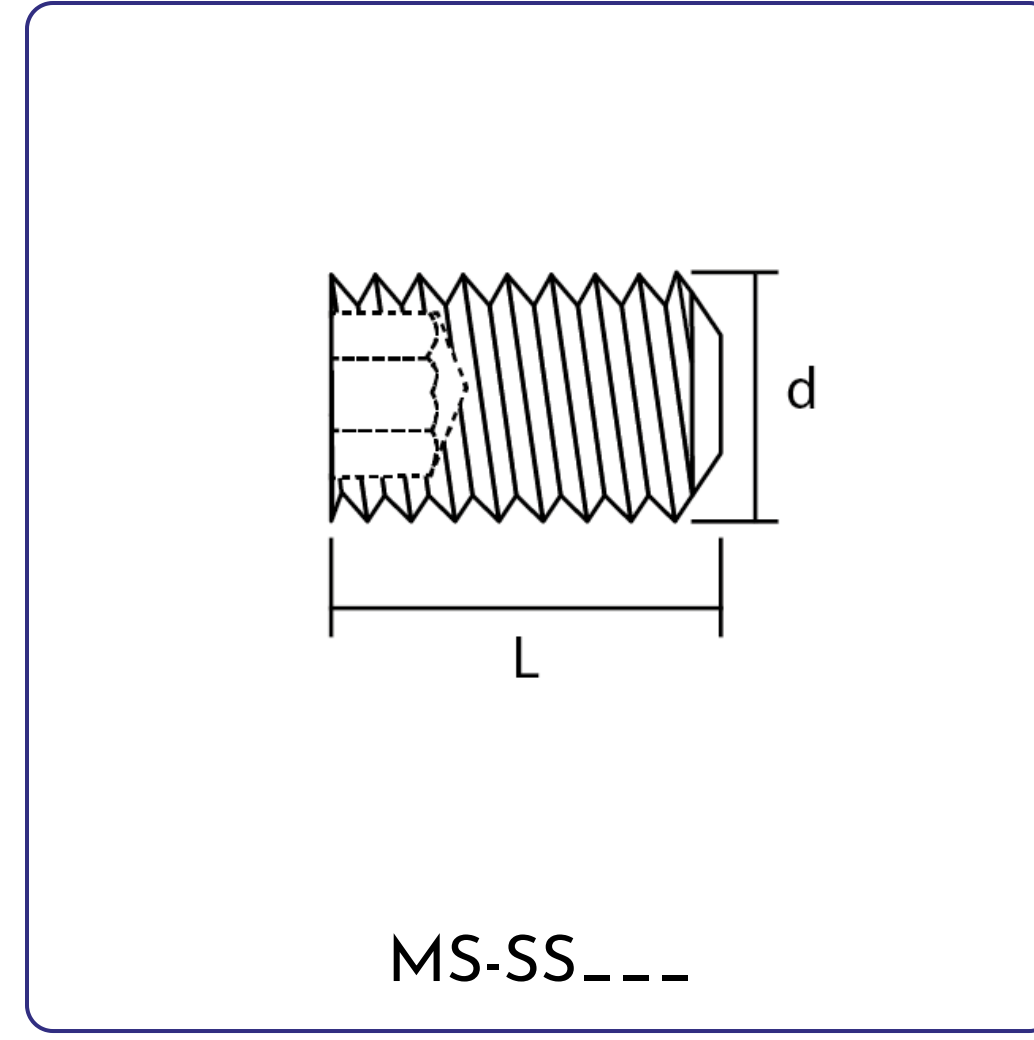
Material: Nickel Plated Steel

Inner hexagon bolt with a deeper inner hex for a more secured fastening.

\*Example Part no: MS-SHCBM38 (M3x8)



## Set Screw



Part No	d	Material	L
MS-SSM4__	M4	Mild Steel	5/8/10
MS-SSM4__-NK		Nickel Plated Steel	6
MS-SSM5__	M5	Mild Steel	6/8/10
MS-SSM5__-NK		Nickel Plated Steel	6
MS-SSM6__	M6	Mild Steel	6/12
MS-SSM6__-NK		Nickel Plated Steel	6/8/10/12
MS-SSM8__	M8	Mild Steel	8/12
MS-SSM8__-NK		Nickel Plated Steel	10

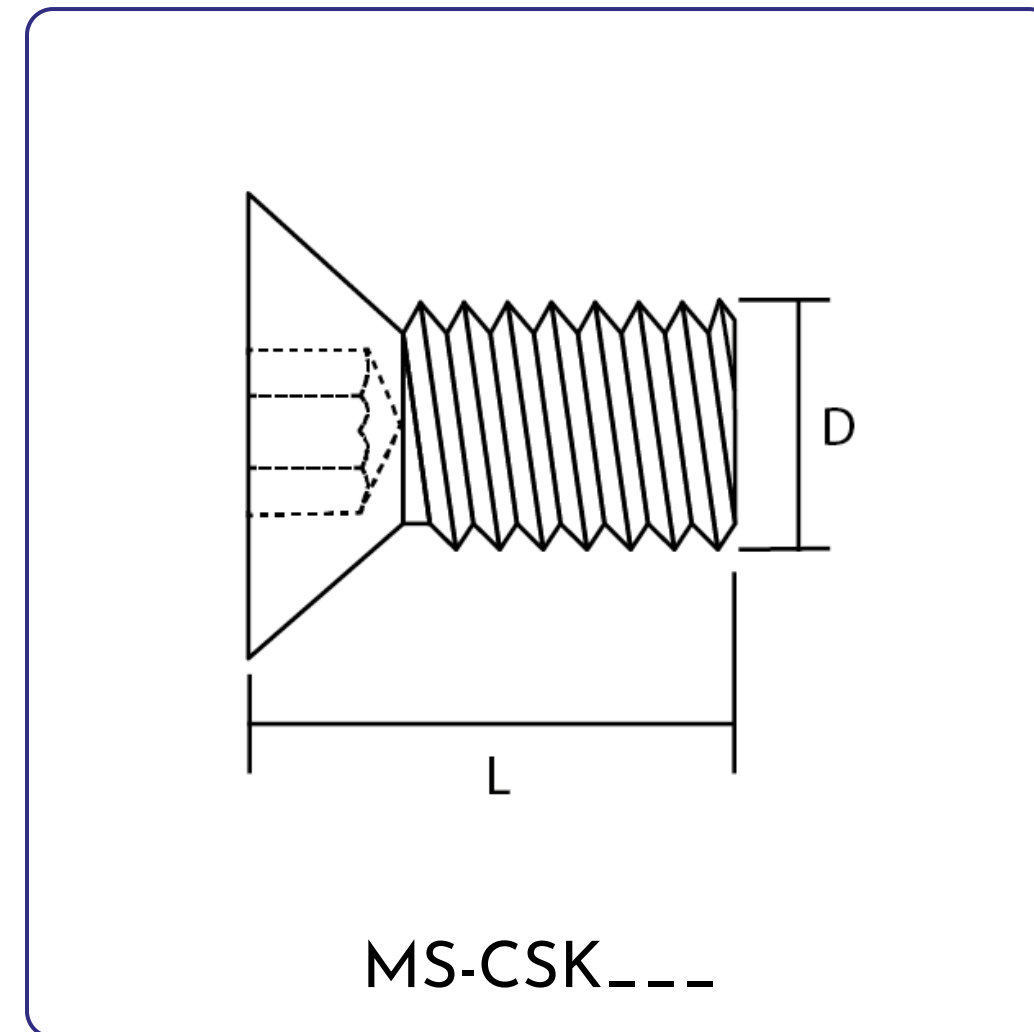
Material: Nickel Plated Steel **Mild Steel**

Inner hexagon bolt without top to conceal in accessories.

Used in accessories such as Sprocket and Joint Plate.

\*Example Part no: MS-SSM46 (M4x6)

## Countersunk Cap Bolt



Part No	D	L
MS-CSKM5__	M5	10/12
MS-CSKM6__	M6	12/16/20
MS-CSKM8__	M8	12/16/20

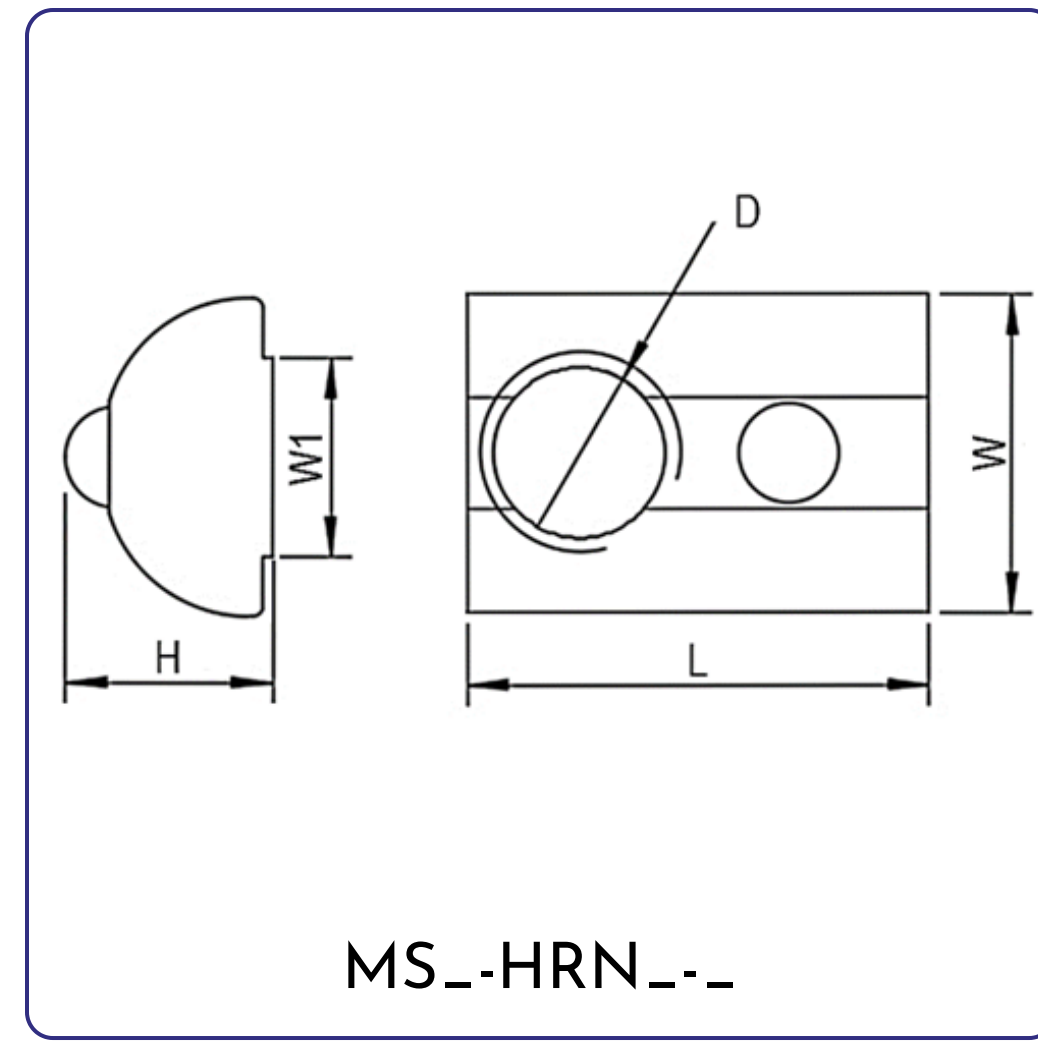
Material: Nickel Plated Steel

Inner hexagon bolt with a sunken top for a flush surface.

Used in accessories such as Door Hinge.

\*Example Part no: MS-CSKM510 (M5x10)

Half Round Nut



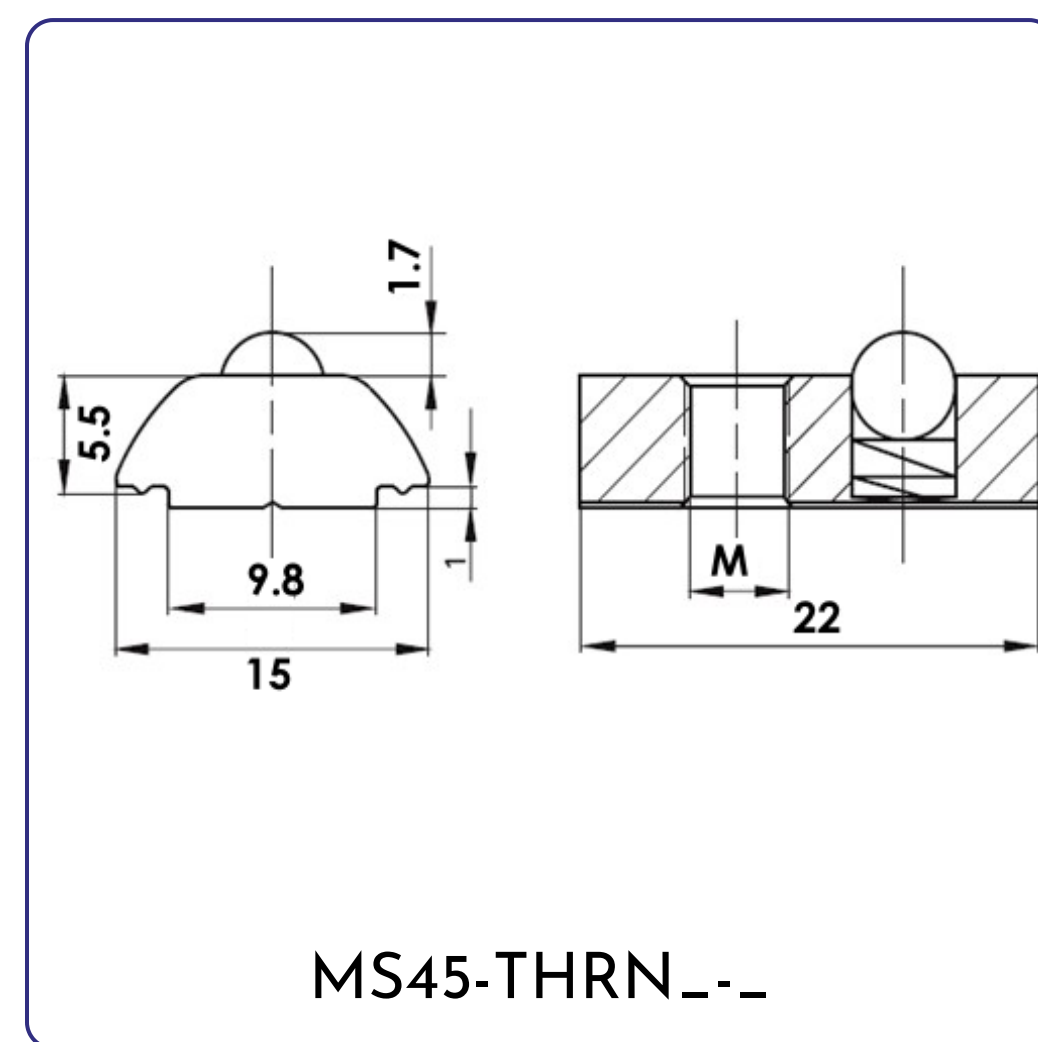
Series	Part No	D	H	W	W1	L
20	MS20-HRNM3-6	M3	5	8	6	13
	MS20-HRNM4-6	M4				
	MS20-HRNM5-6	M5				
	MS20-HRNM6-6	M6				
30	MS30-HRNM3-8	M3	8	12	8	20
	MS30-HRNM4-8	M4				
	MS30-HRNM5-8	M5				
	MS30-HRNM6-8	M6				
	MS30-HRNM8-8	M8				
40	MS40-HRNM3-8	M3	9	13	8	21
	MS40-HRNM4-8	M4				
	MS40-HRNM5-8	M5				
	MS40-HRNM6-8	M6				
	MS40-HRNM8-8	M8				
45	MS45-HRNM4-10	M4	9.8	15.5	10	23
	MS45-HRNM5-10	M5				
	MS45-HRNM6-10	M6				
	MS45-HRNM8-10	M8				

Material: Nickel Plated Steel

Universal mounting nut that is used to fasten accessories to profile by means of loaded ball spring.

Can be inserted in a profile slot at any desired spot.

Thin Half Round Nut



Series	Part No	D
45	MS45-THRNM4-10	M4
	MS45-THRNM5-10	M5
	MS45-THRNM6-10	M6
	MS45-THRNM8-10	M8

Material: Zinc Plated Steel

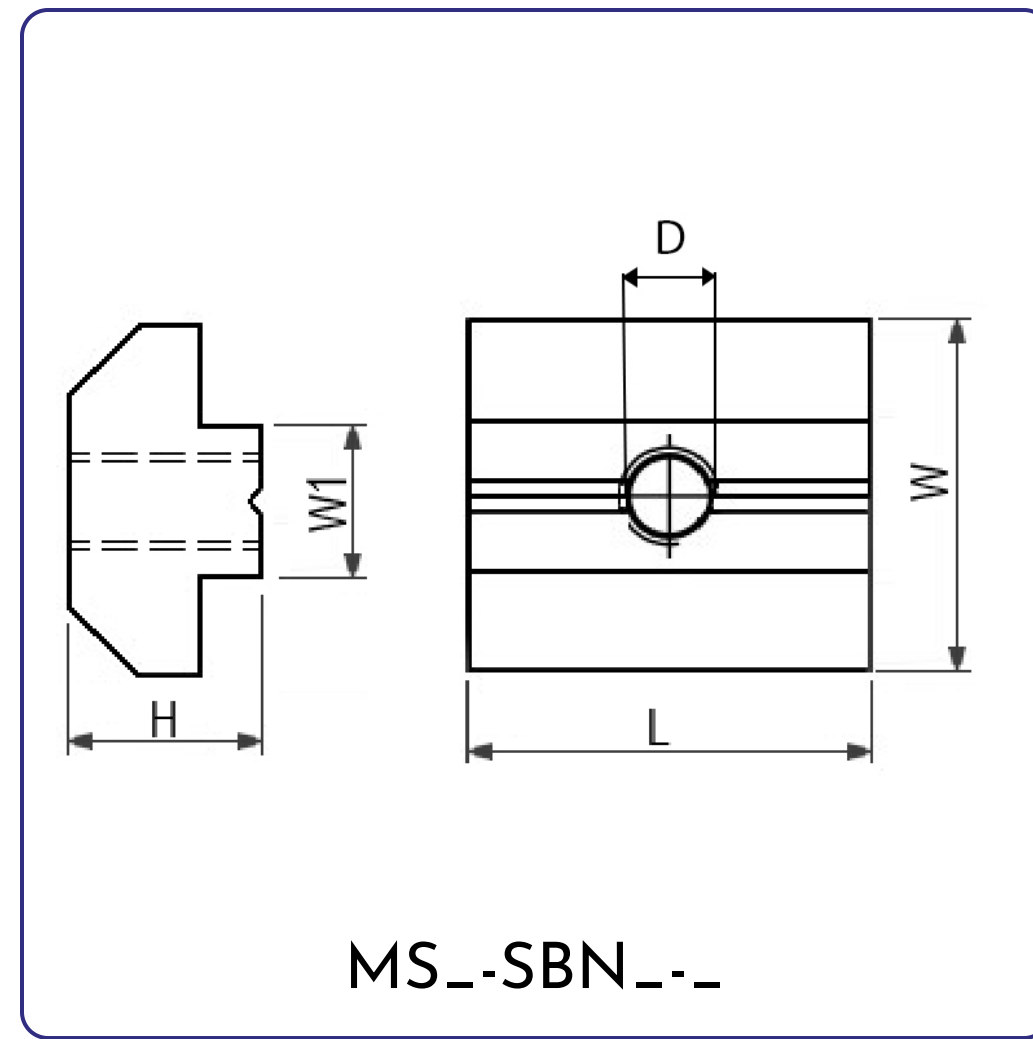
Universal mounting nut that is used to fasten accessories to profile by means of loaded ball spring.

Can be inserted in a profile slot at any desired spot.

Used with Heavy Duty 45 Series Profile only.



**Slot Block Nut**



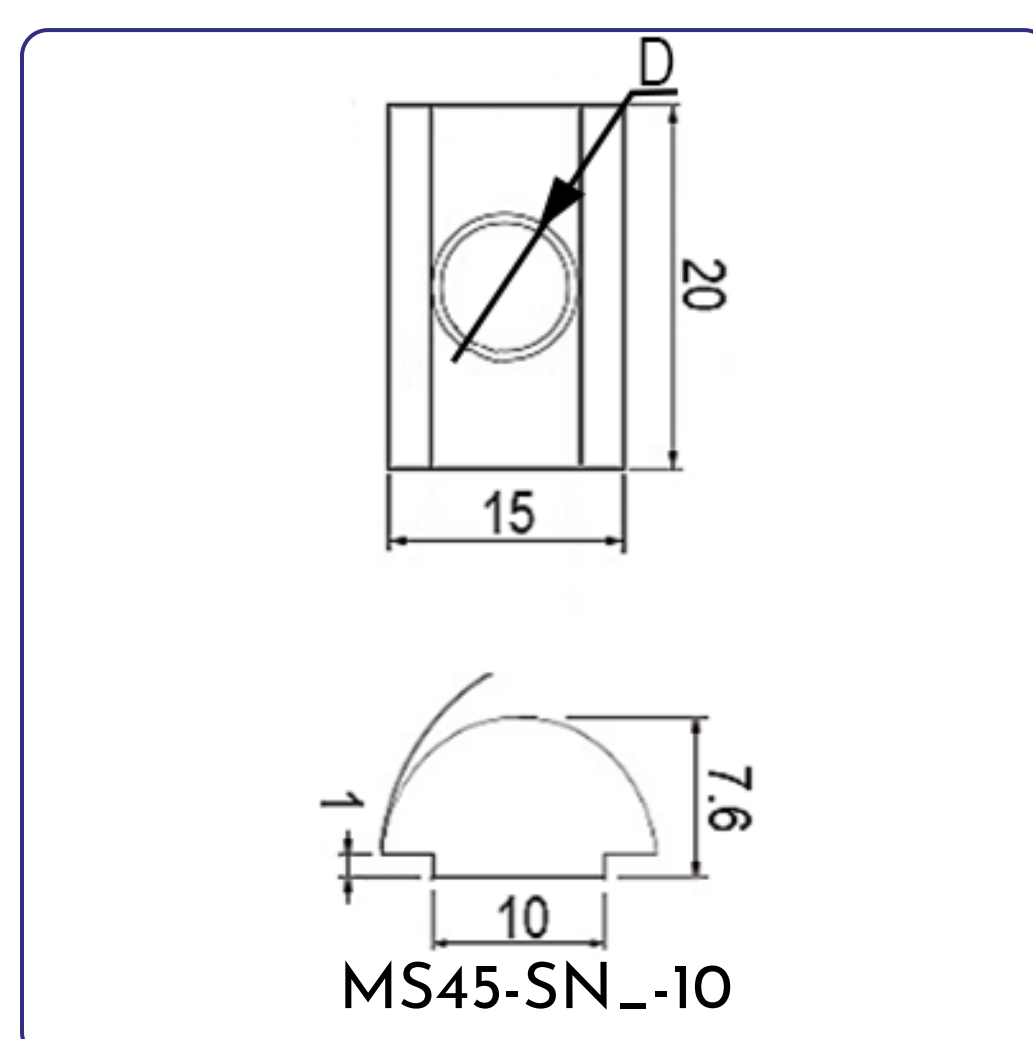
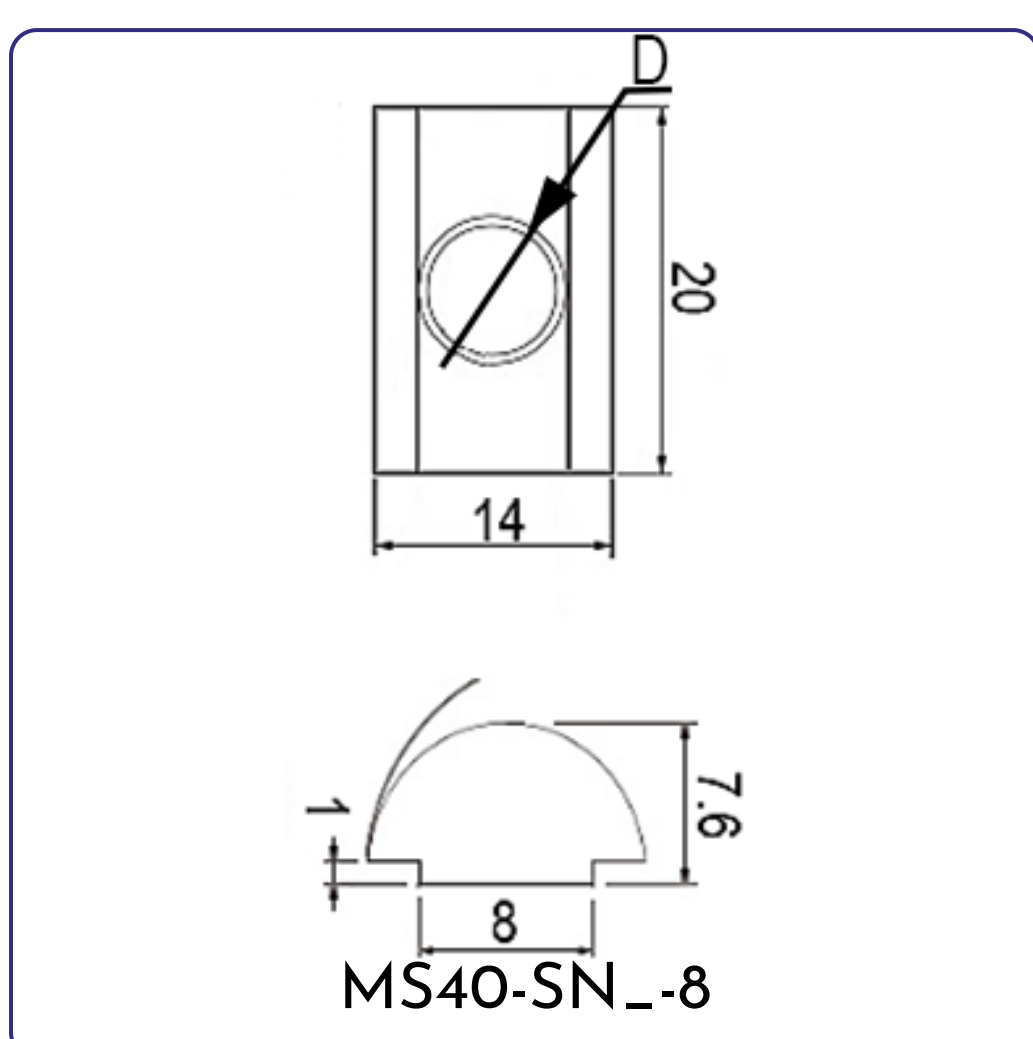
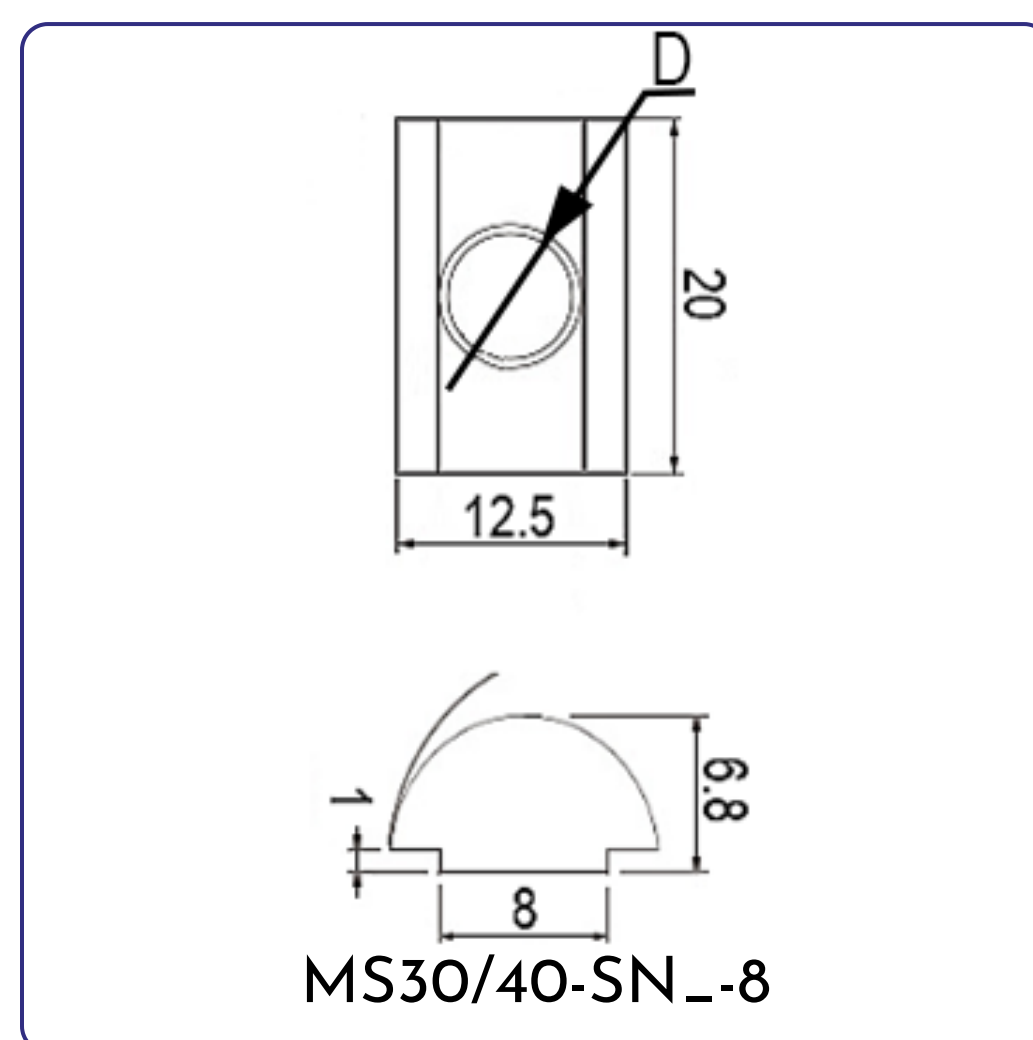
Series	Part No	D	H	W	W1	L
20	MS20-SBNM3-6	M3	5	9.5	6	10
	MS20-SBNM4-6	M4				
	MS20-SBNM5-6	M5				
	MS20-SBNM6-6	M6				
30	MS30-SBNM3-8	M3	6	15.5	8	16
	MS30-SBNM4-8	M4				
	MS30-SBNM5-8	M5				
	MS30-SBNM6-8	M6				
40	MS30-SBNM8-8	M8	9	19	8	20
	MS40-SBNM4-8	M4				
	MS40-SBNM5-8	M5				
	MS40-SBNM6-8	M6				
45	MS40-SBNM8-8	M8	10.2	19.5	10	20
	MS45-SBNM5-10	M5				
	MS45-SBNM6-10	M6				
	MS45-SBNM8-10	M8				

Material: Zinc Plated Steel

Universal mounting nut that is used to fasten accessories to profile by having its shape nearly matching the profile slot.

Supports heavy load but must need to be inserted from the side.

**Spring Nut**



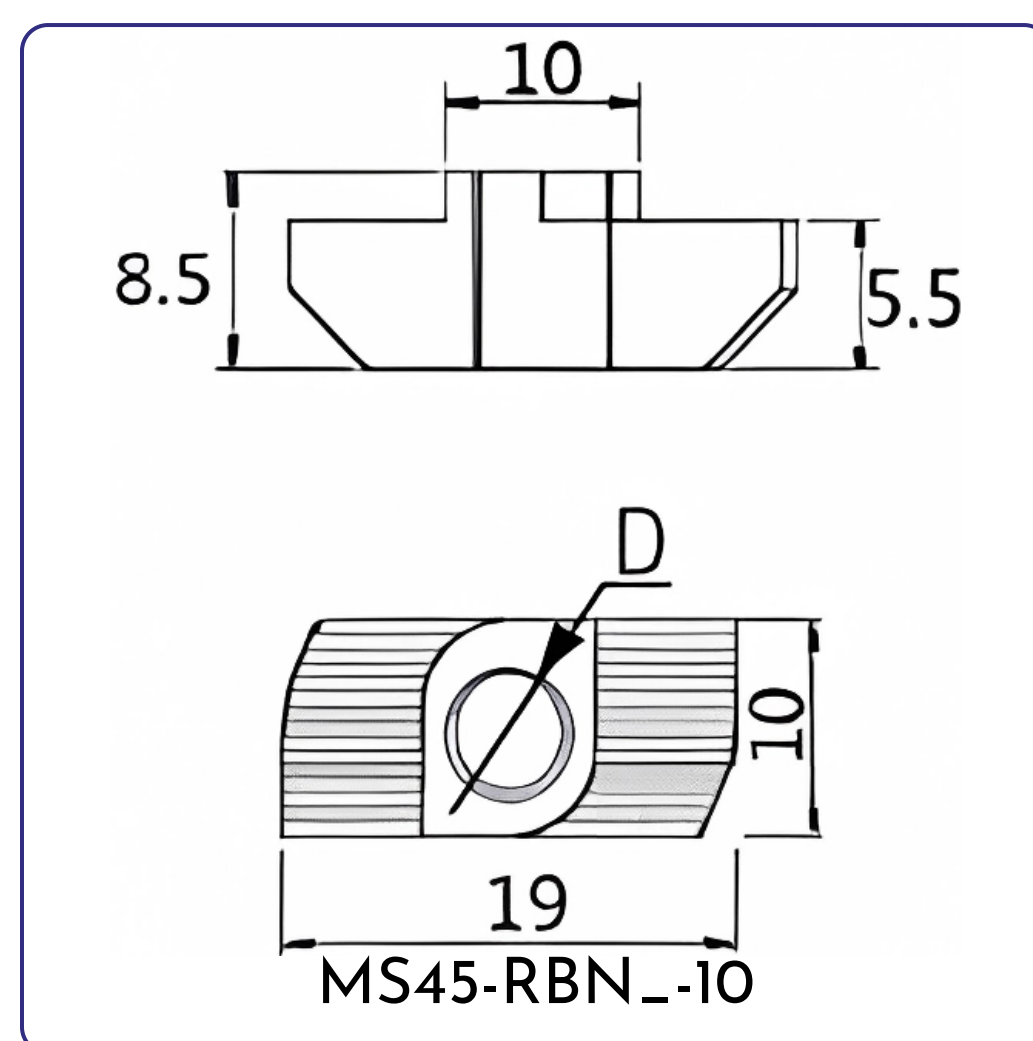
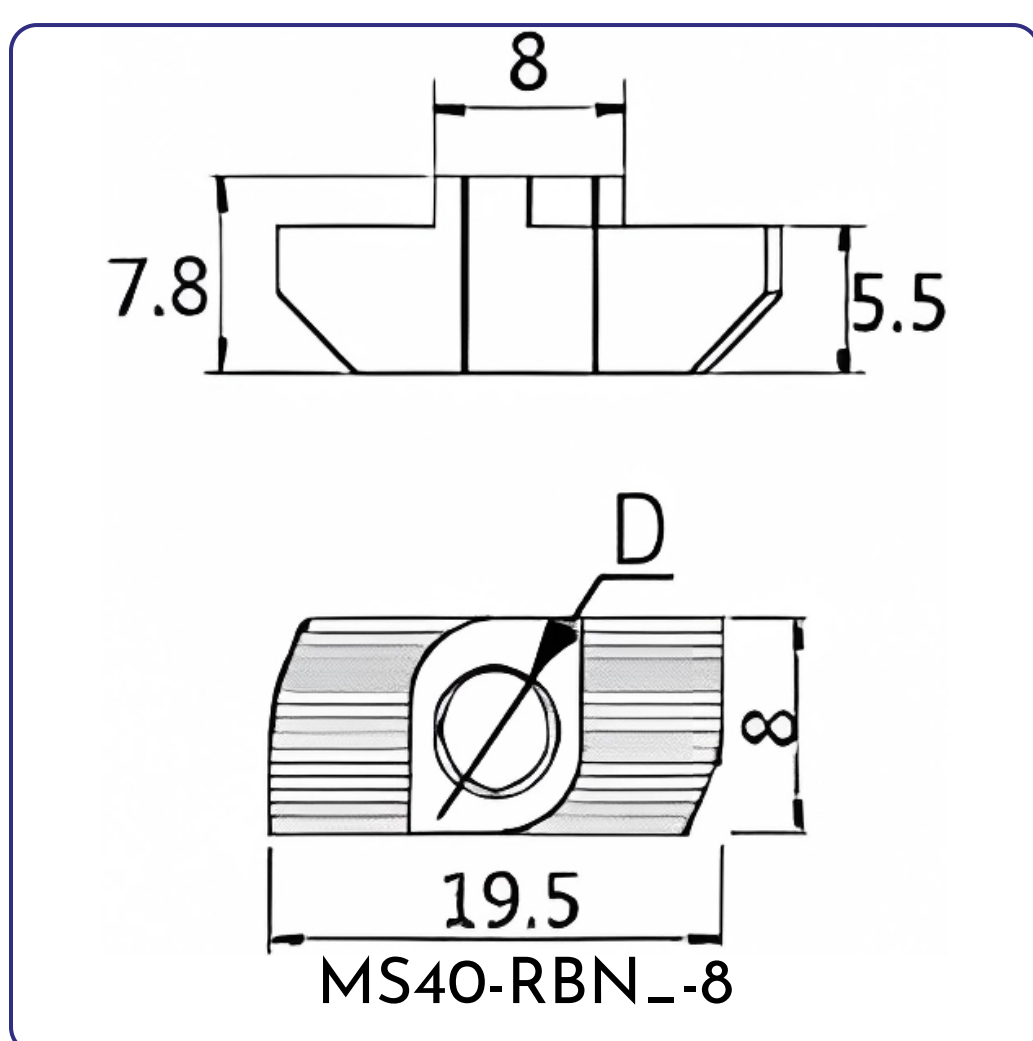
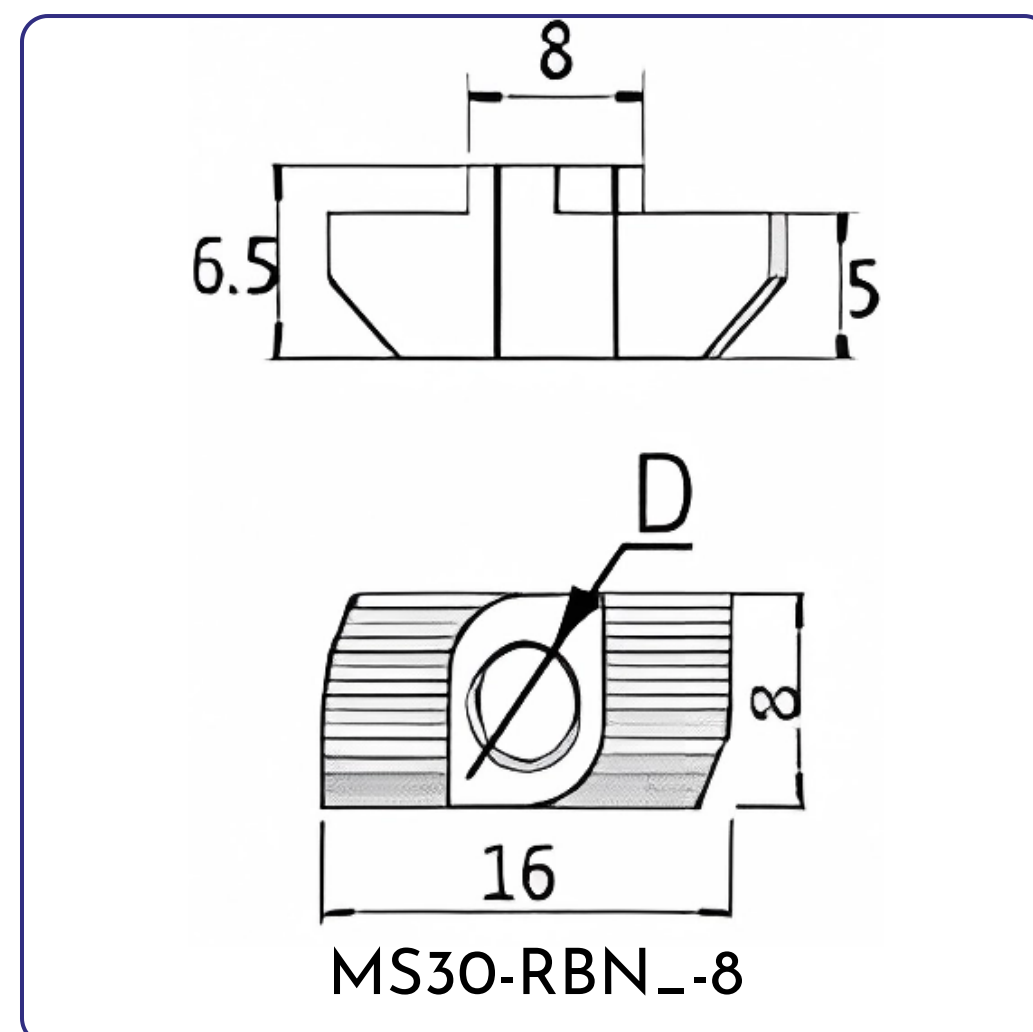
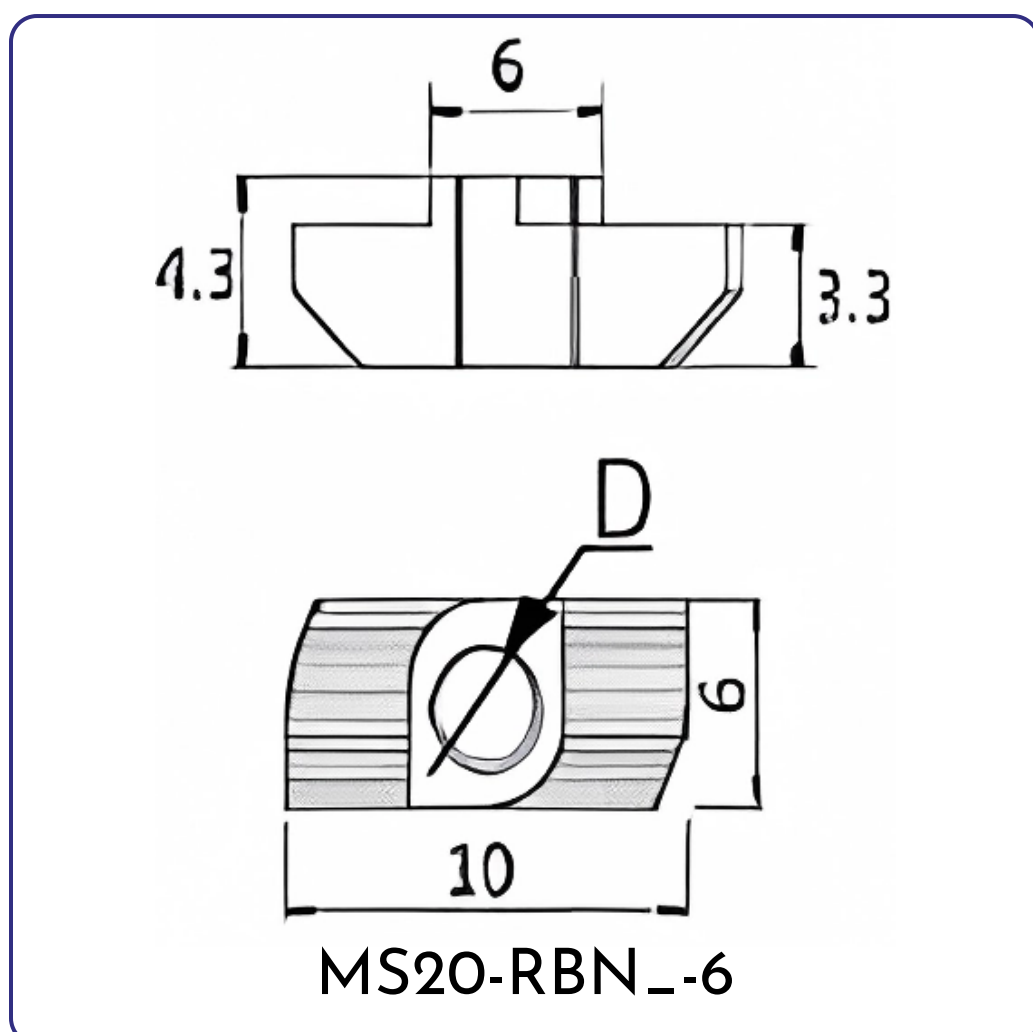
Series	Part No	D
30 / 40	MS30/40-SNM5-8	M5
	MS30/40-SNM6-8	M6
	MS30/40-SNM8-8	M8
40	MS40-SNM5-8	M5
	MS40-SNM6-8	M6
	MS40-SNM8-8	M8
45	MS45-SNM5-10	M5
	MS45-SNM6-10	M6
	MS45-SNM8-10	M8

Material: Nickel Plated Steel

Universal mounting nut that is used to fasten accessories to profile by means of an elastic leaf spring.

Can be inserted in a profile slot at any desired spot.

## Rhombus Nut



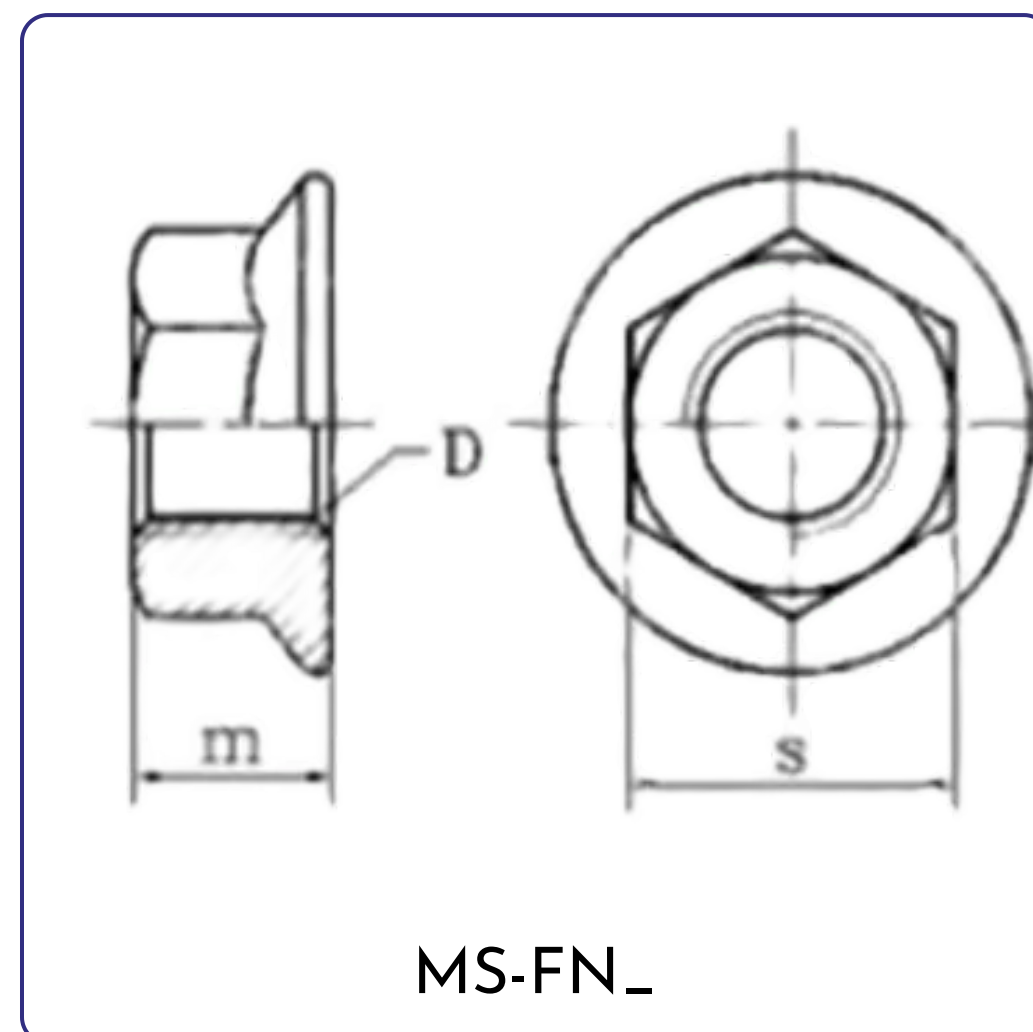
Series	Part No	D
20	MS20-RBNM3-6	M3
	MS20-RBNM4-6	M4
	MS20-RBNM5-6	M5
30	MS30-RBNM3-8	M3
	MS30-RBNM4-8	M4
	MS30-RBNM5-8	M5
	MS30-RBNM6-8	M6
40	MS40-RBNM3-8	M3
	MS40-RBNM4-8	M4
	MS40-RBNM5-8	M5
	MS40-RBNM6-8	M6
45	MS45-RBNM4-10	M4
	MS45-RBNM5-10	M5
	MS45-RBNM6-10	M6
	MS45-RBNM8-10	M8

Material: Nickel Plated Steel

Universal mounting nut that is used to fasten accessories to profile by means of tightening clamp onto the profile slot.

Can be inserted in a profile slot at any desired spot.

## Flange Nut



Part No	D	Pitch	m	s
MS-FNM5	M5	0.8	5	8
MS-FNM6	M6	1	6	10
MS-FNM8	M8	1.25	8	13

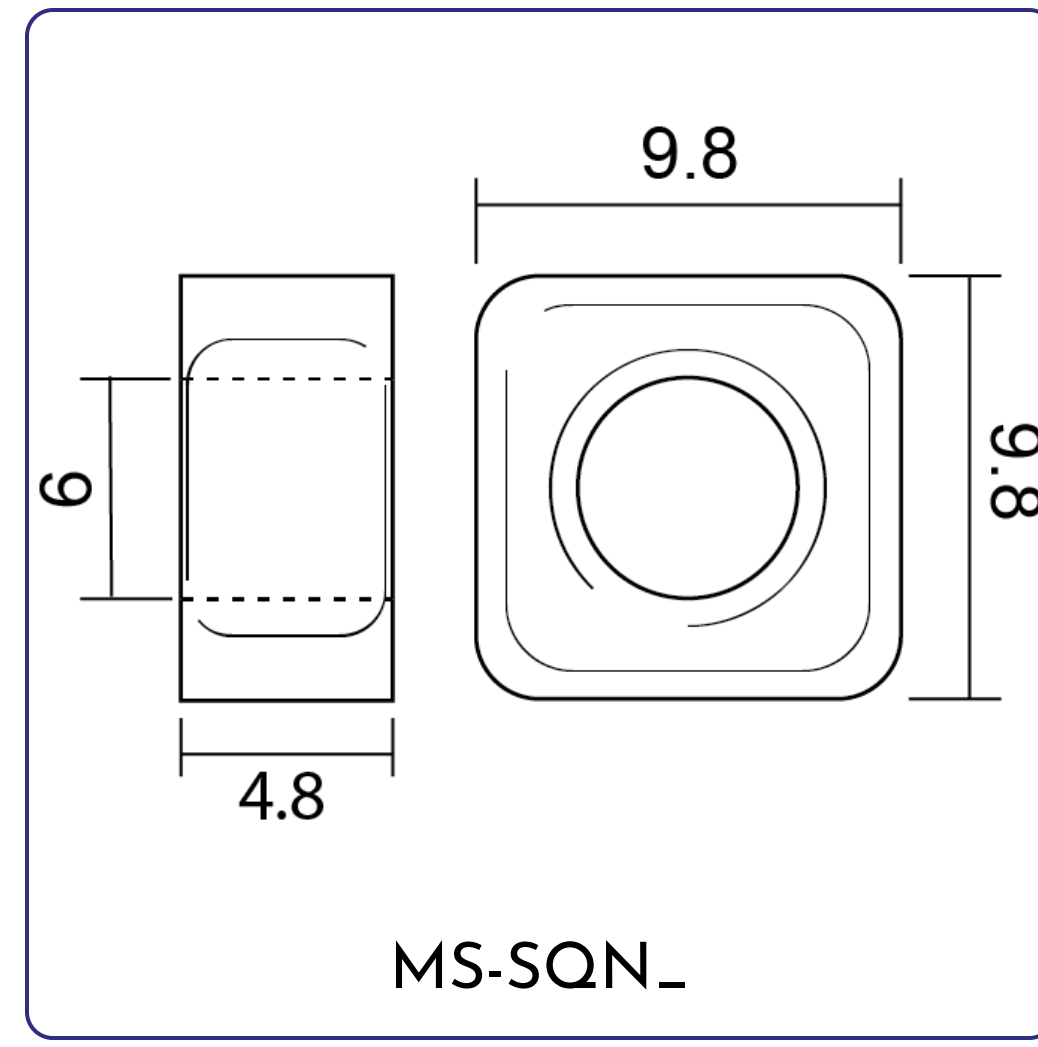
Material: Nickel Plated Steel

Hexagon Nut with integrated washer used with Hammer Head Bolt.

Cannot be fitted into a profile groove.



## Square Nut

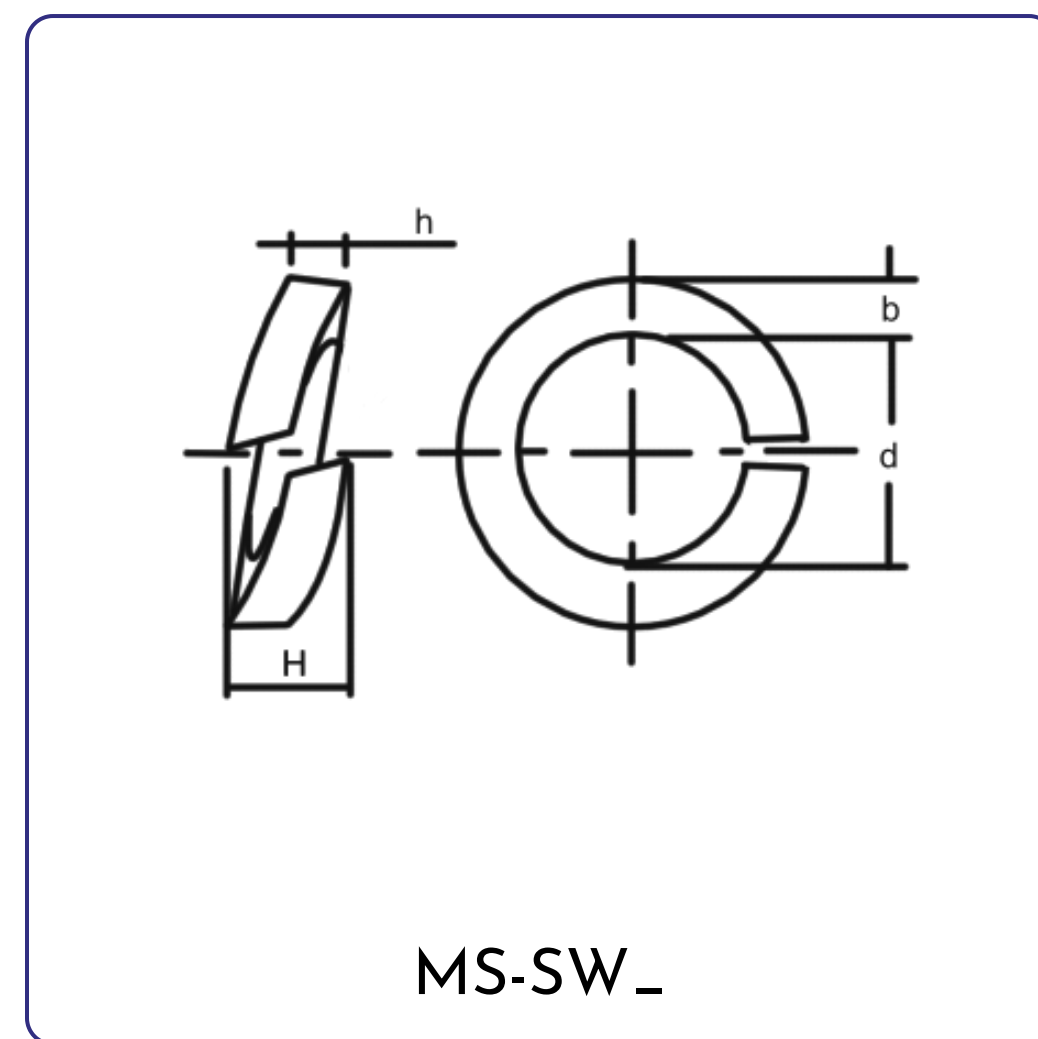


Part No	D	Thickness	Side
MS-SQNM6	M6	5	10

Material: Zinc Plated Steel

Used in Multiblock to fasten panels.

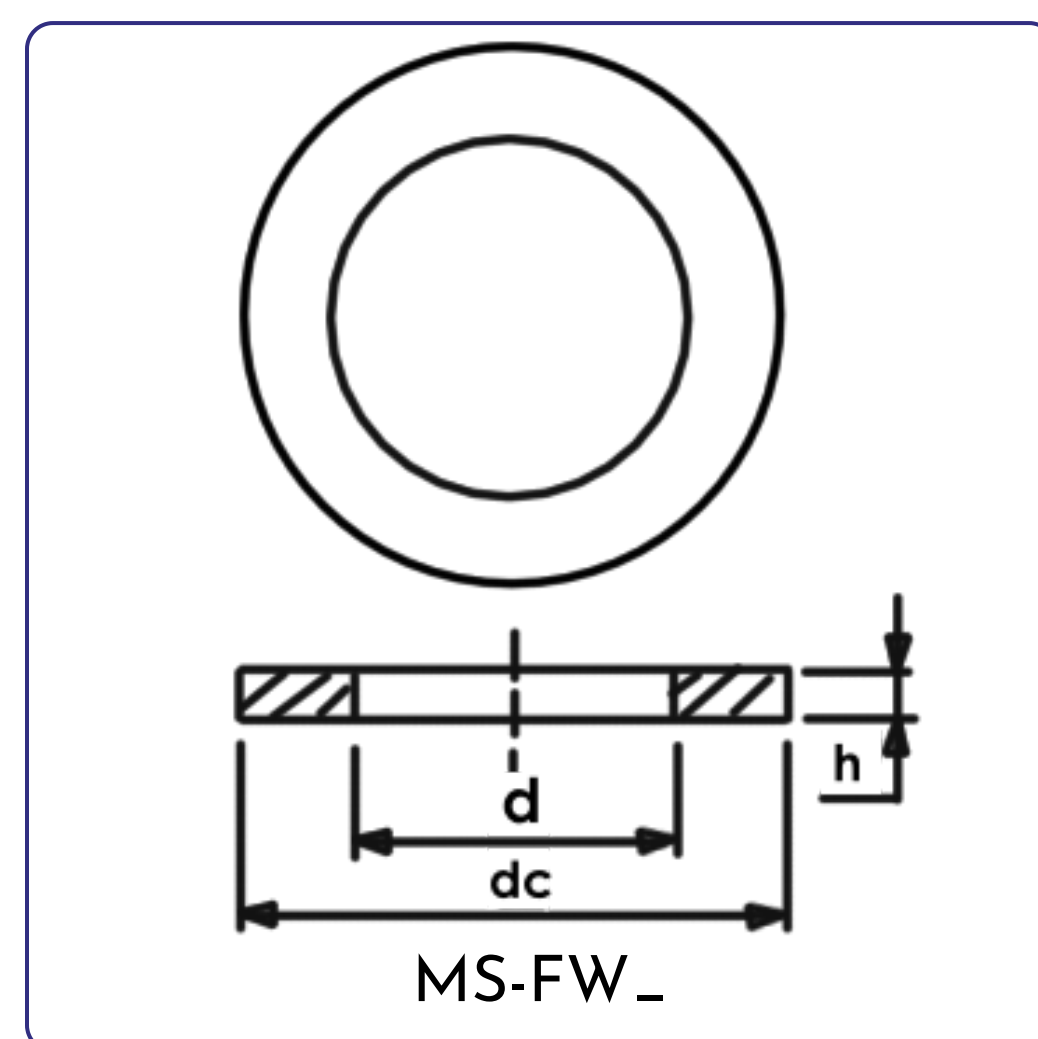
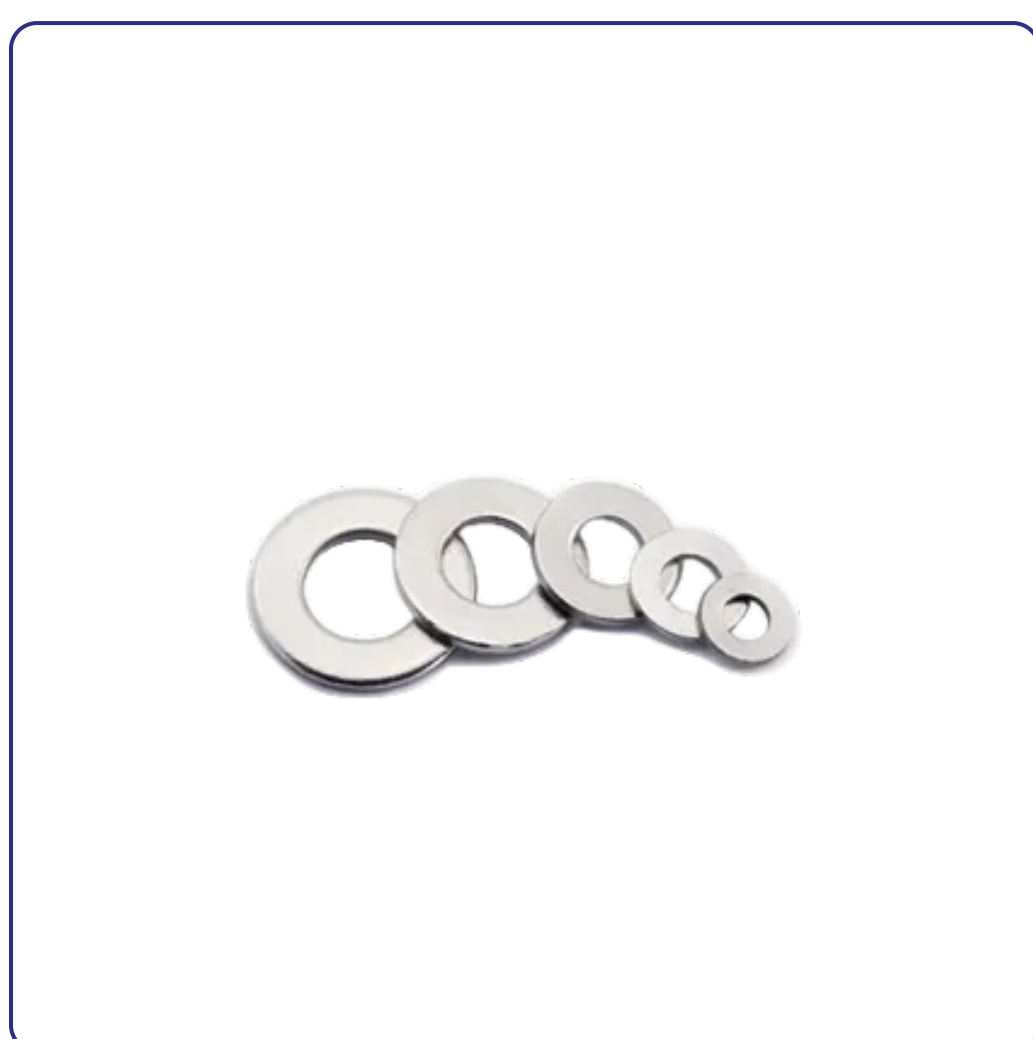
## Spring Washer



Part No	Screw Size	d	b	h	H
MS-SWM3	M3	3.3	1	1	1.9
MS-SWM4	M4	4.3	1	1	2.5
MS-SWM5	M5	5.4	1.6	1.6	3.1
MS-SWM6	M6	6.4	2	2	3.7
MS-SWM8	M8	8.4	2	2	3.8
MS-SWM10	M10	10.5	2.3	2.3	5.2

Material: Nickel Plated Steel

## Flat Washer



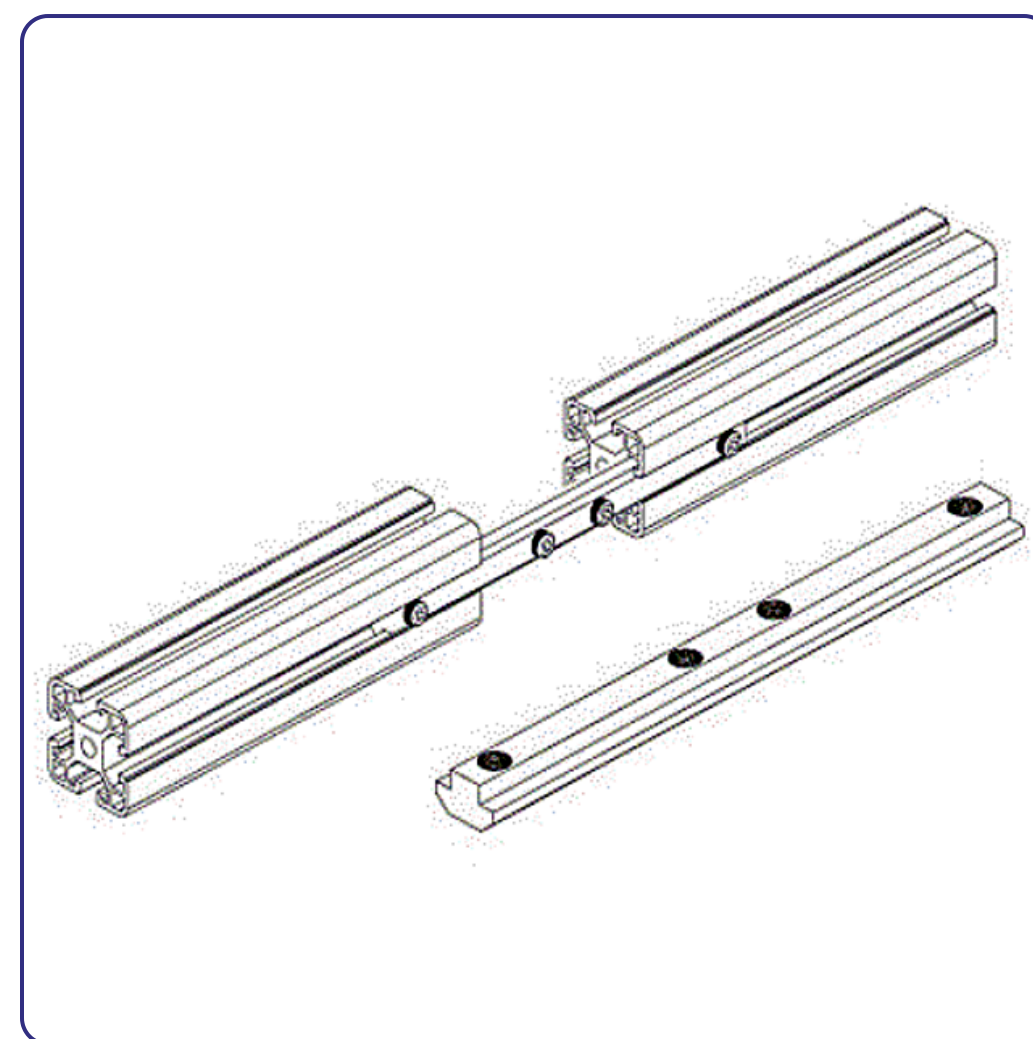
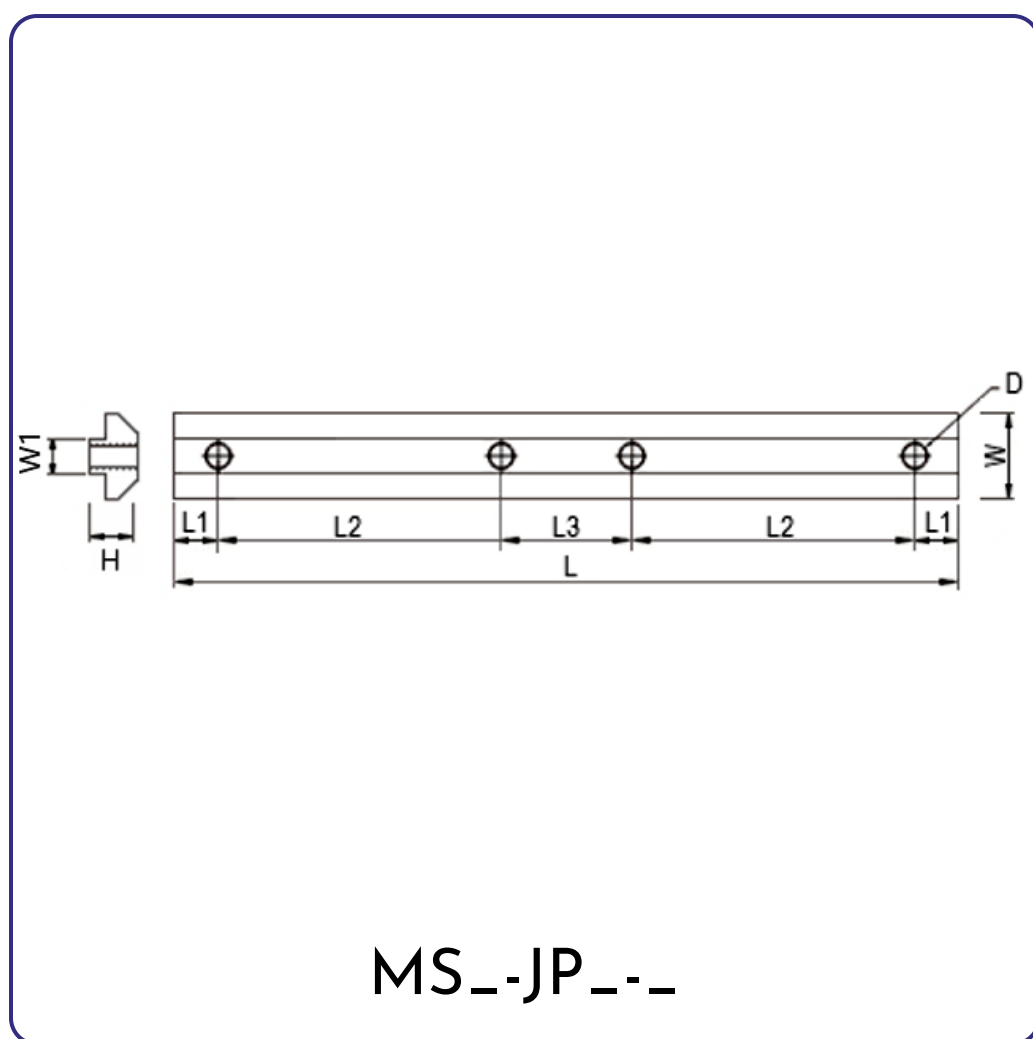
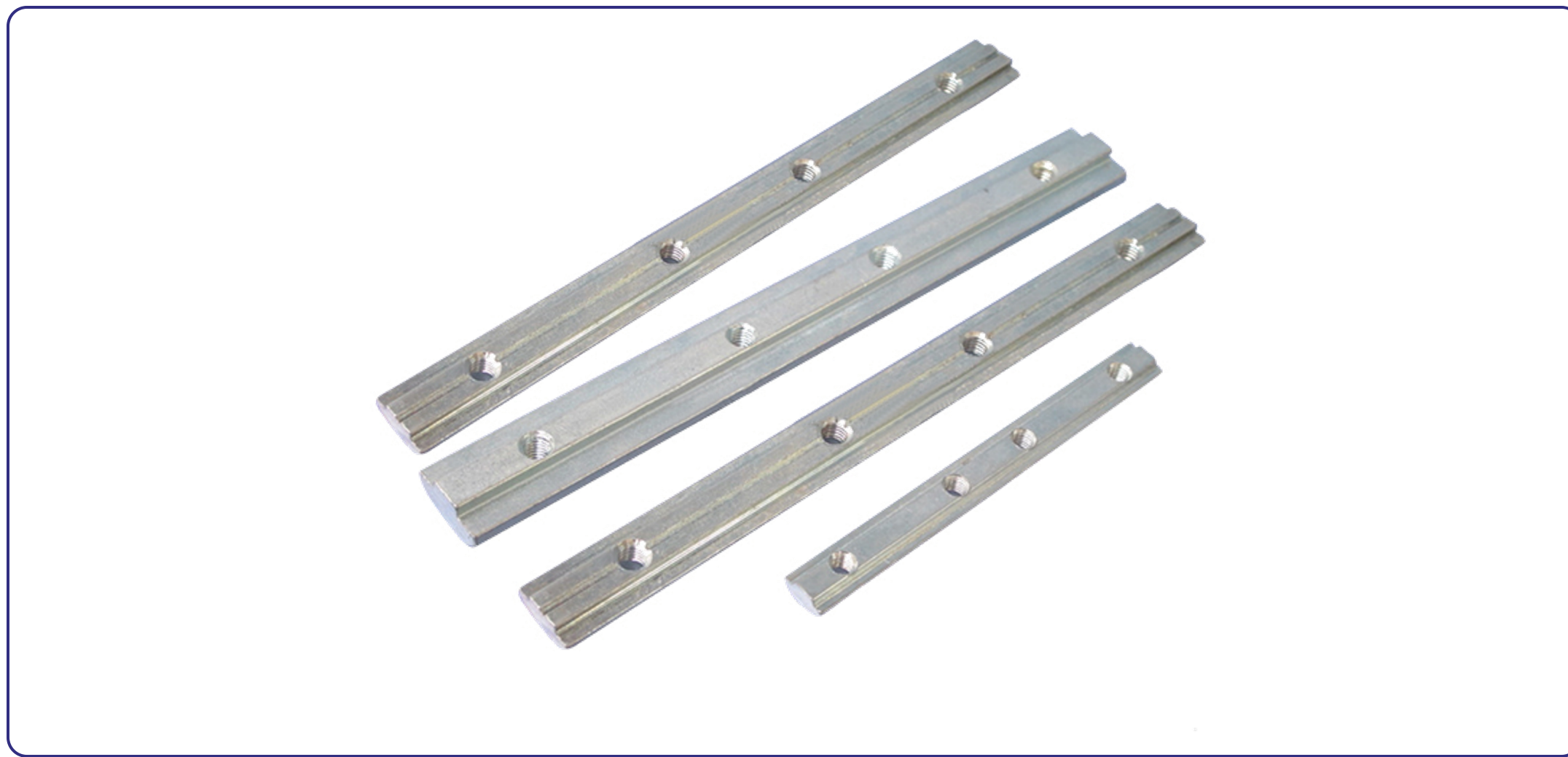
Part No	Screw Size	d	dc	h
MS-FWM3	M3	7	3.2	0.8
MS-FWM4	M4	8.9	4.2	1
MS-FWM5	M5	10	5.3	1
MS-FWM6	M6	12	6.4	1.25
MS-FWM8	M8	16	8.4	1.25
MS-FWM10	M10	19.5	10.5	1.8

Material: Nickel Plated Steel

# **JOINT & CONNECTOR**



## Joint Plate



Series	Part No	L	L1	L2	L3	W	W1	H	D	Weight(g)
20	MS20-JPM5-6	100	10	30	20	9.3	6	4.5	M5	27
30	MS30-JPM6-8	180	20	50	40	16	8	5.9	M6	95
40	MS40-JPM6-8	180	20	50	40	17.9	8	8.5	M6	172
	MS40-JPM6-H8	140	15	45	20	13.4	8	9.3	M6	100
45	MS40-JPM8-8	180	20	50	40	19.4	8	9.4	M8	167
	MS45-JPM8-10	180	20	50	40	19.9	10	10.5	M8	184

Material: Zinc Plated Steel

Power-locked joint connector included with 4 Set Screws to join 2 profiles end-to-end.

20 Series - included with Set Screw M5x6

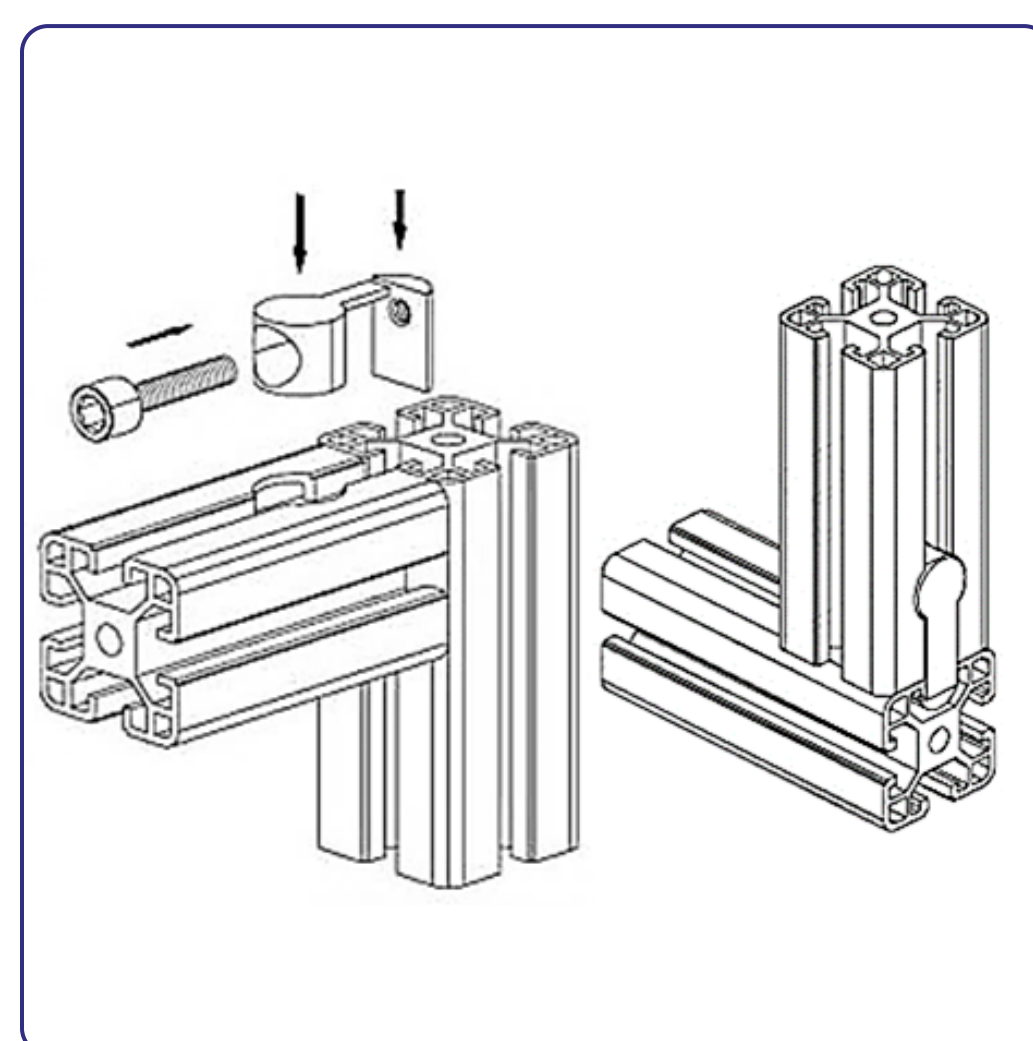
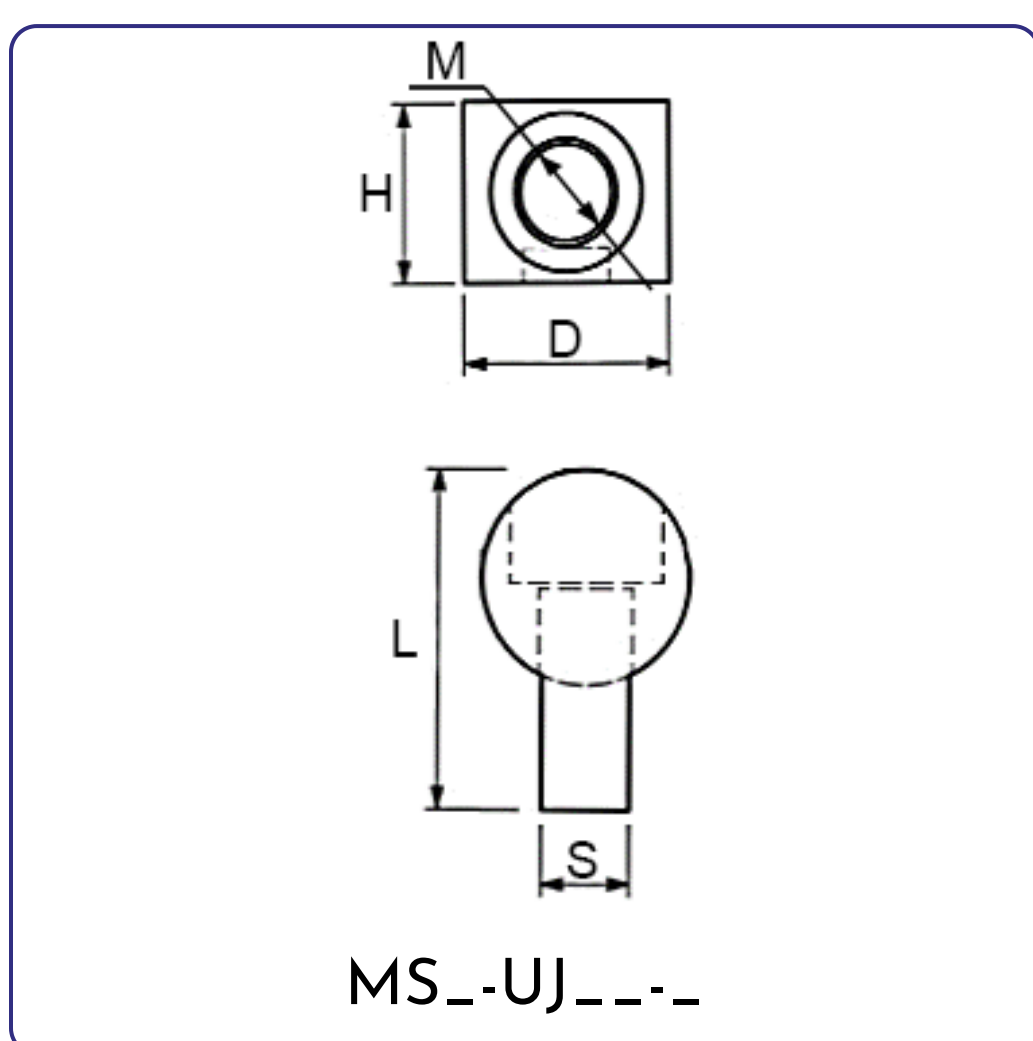
30 Series - included with Set Screw M6x8

40 Series - included with Set Screw M6x10, MS40-JPM8-8 use M8x10

45 Series - included with Set Screw M8x12

\*MS40-JPM6-H8 for local profile (MS40-AP--H8) only

## Universal Joint



Series	Part No	M	D	S	L	H
20	MS20-UJM4D10-4	4	10	4	17.7	8.5
30	MS30-UJM6D15-6	6	14.5	6	23	12
40	MS40-UJM8D20-8	8	19.8	8	32	15.6
	MS40-UJM8D18-8	8	18.1	8	28	15.6
45	MS40-UJM8D17-10	8	17	10	30	14
	MS45-UJM8D20-10	8	19.8	10	32	15.6

Material: Nickel Plated Steel

Right angled joint fastener used with Socket H.C. Bolt suitable to join profiles which need to be moved subsequently

20 Series - used with Socket H.C. Bolt M4x16 and MS20-HRNM4-6 Half Round Nut

30 Series - used with Socket H.C. Bolt M6x20 and MS30-HRNM6-8 Half Round Nut

40 Series - used with Socket H.C. Bolt M8x30 and MS40-HRNM8-8 Half Round Nut

45 Series - used with Socket H.C. Bolt M8x30 and MS45-HRNM8-10 Half Round Nut



## Pivot Joint 2020

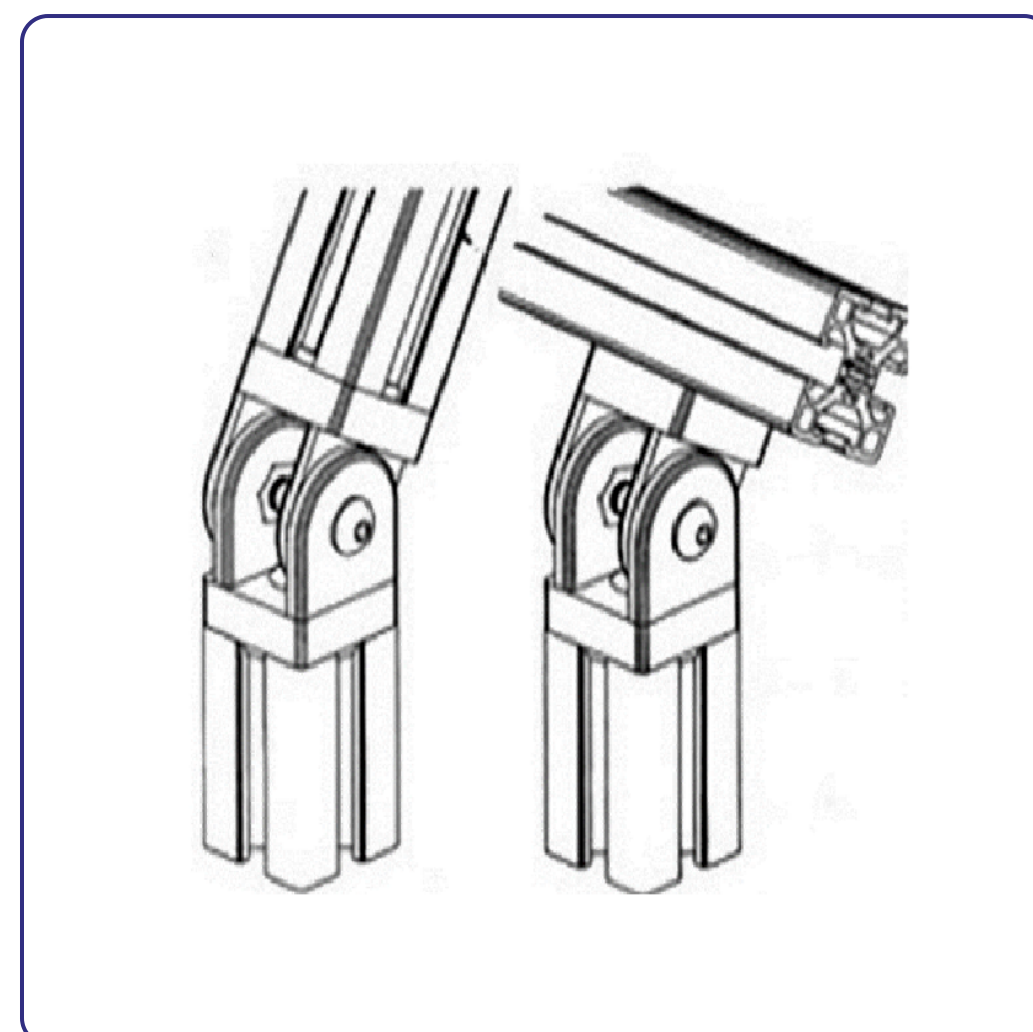
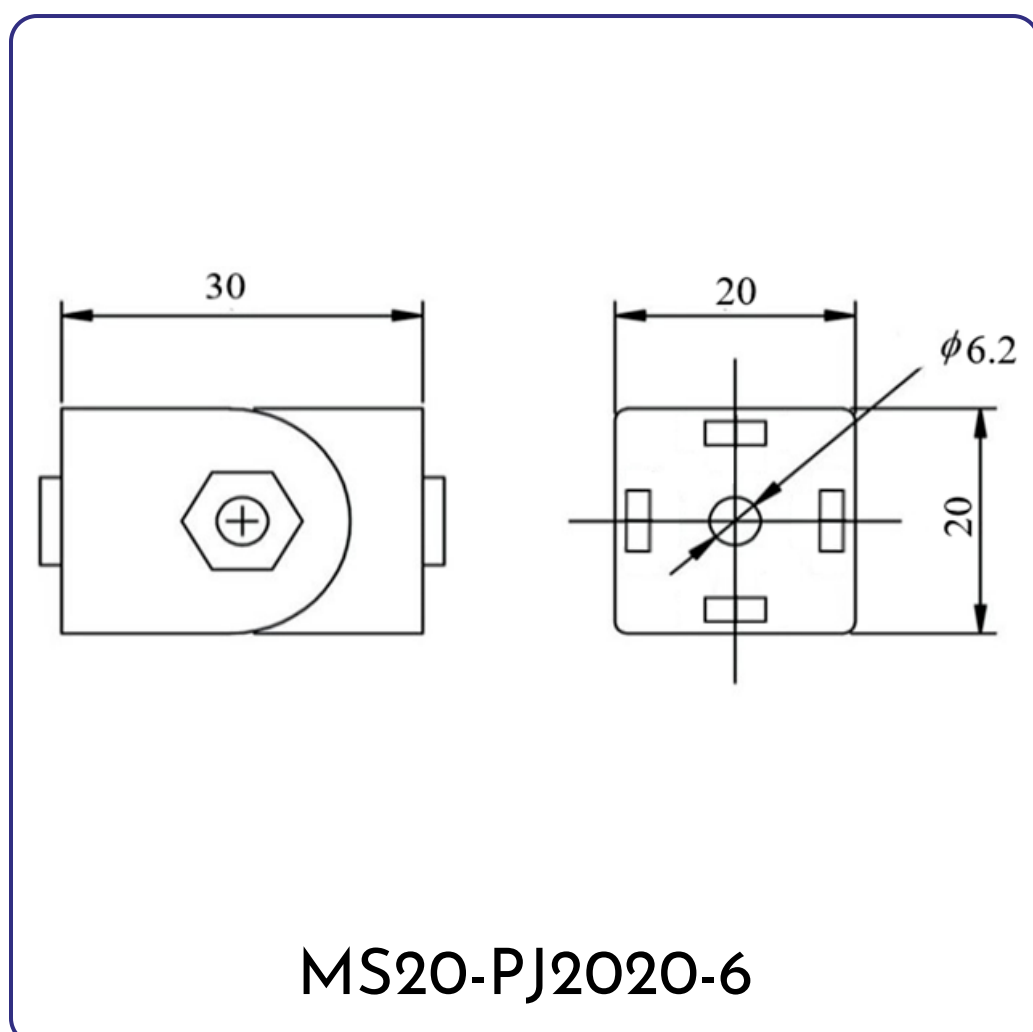


Series	Part No
20	MS20-PJM6-6

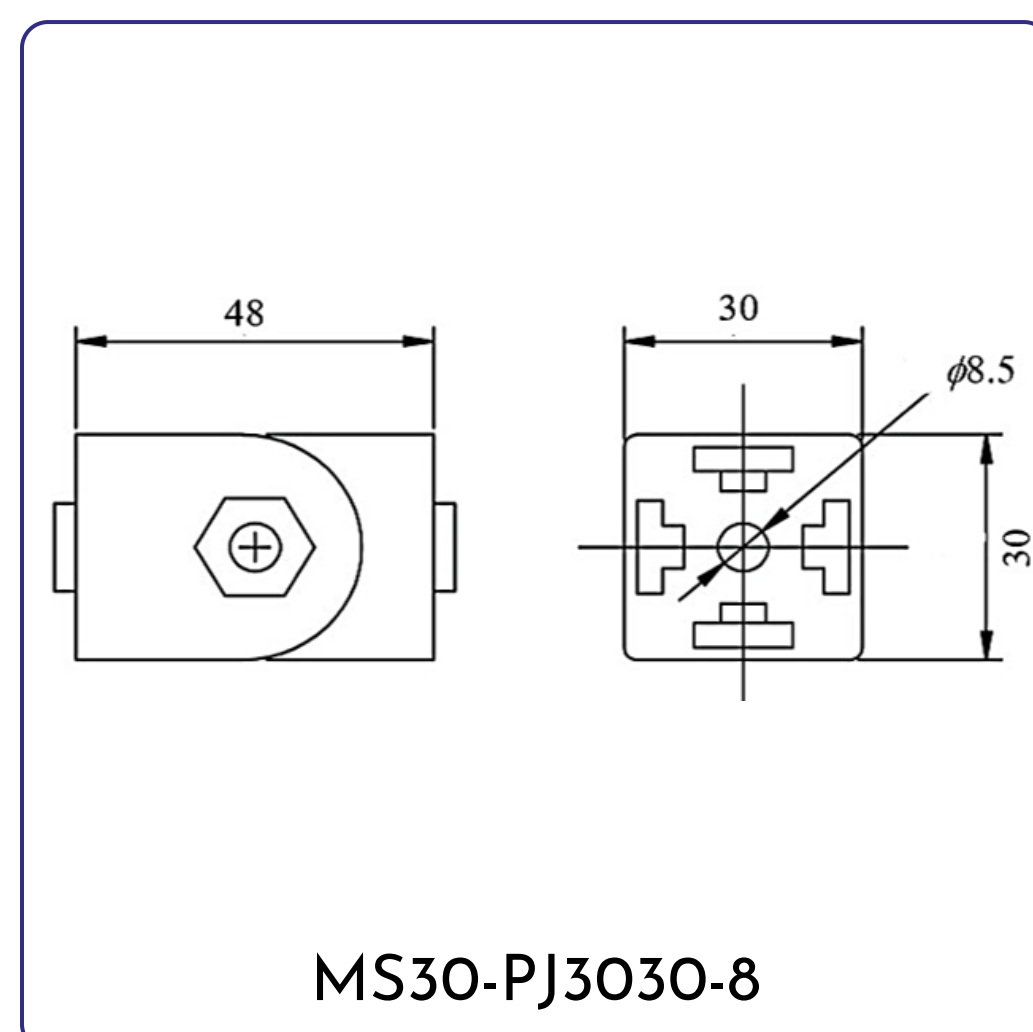
Material: Die Cast Zinc

Flexible angle and power-locked joint connector

Used with Button H.C. Bolt M6x20 (profile end)/ M6x8 (profile slot)



## Pivot Joint 3030



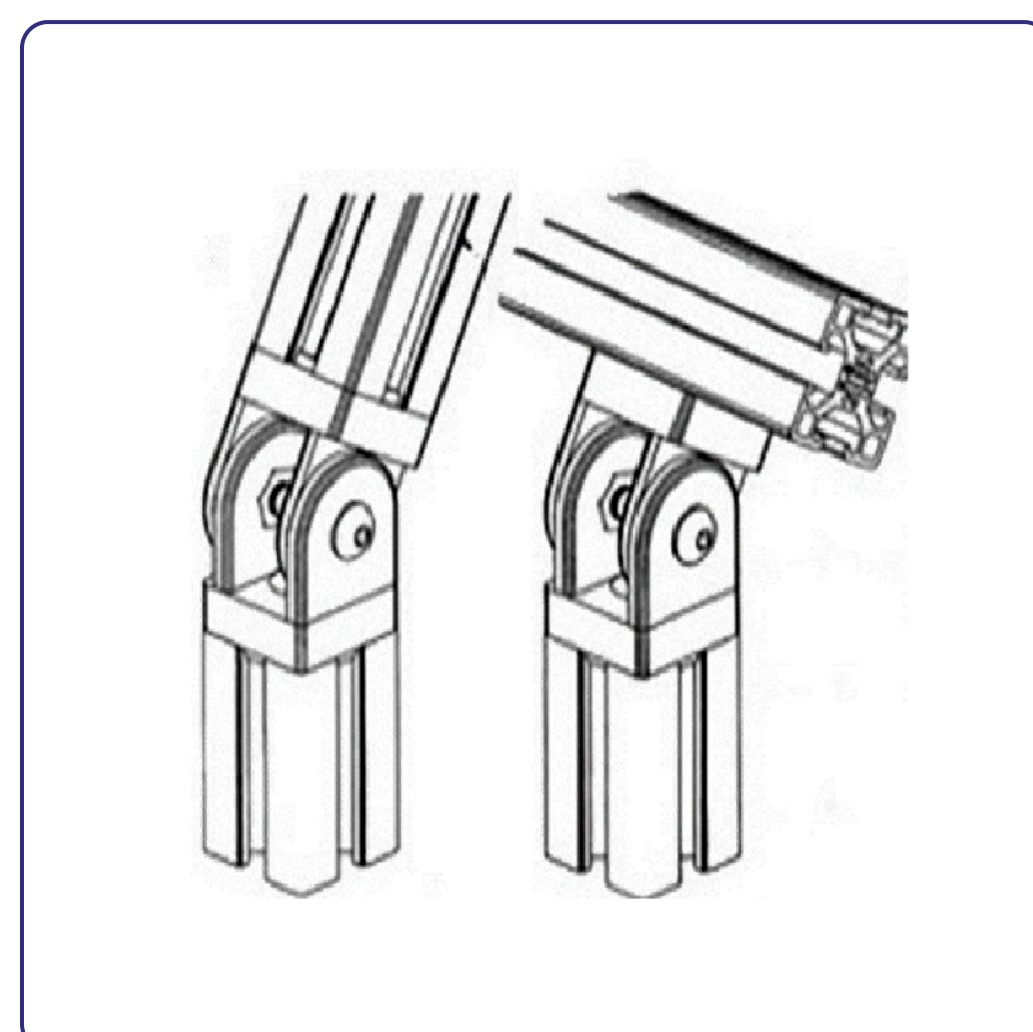
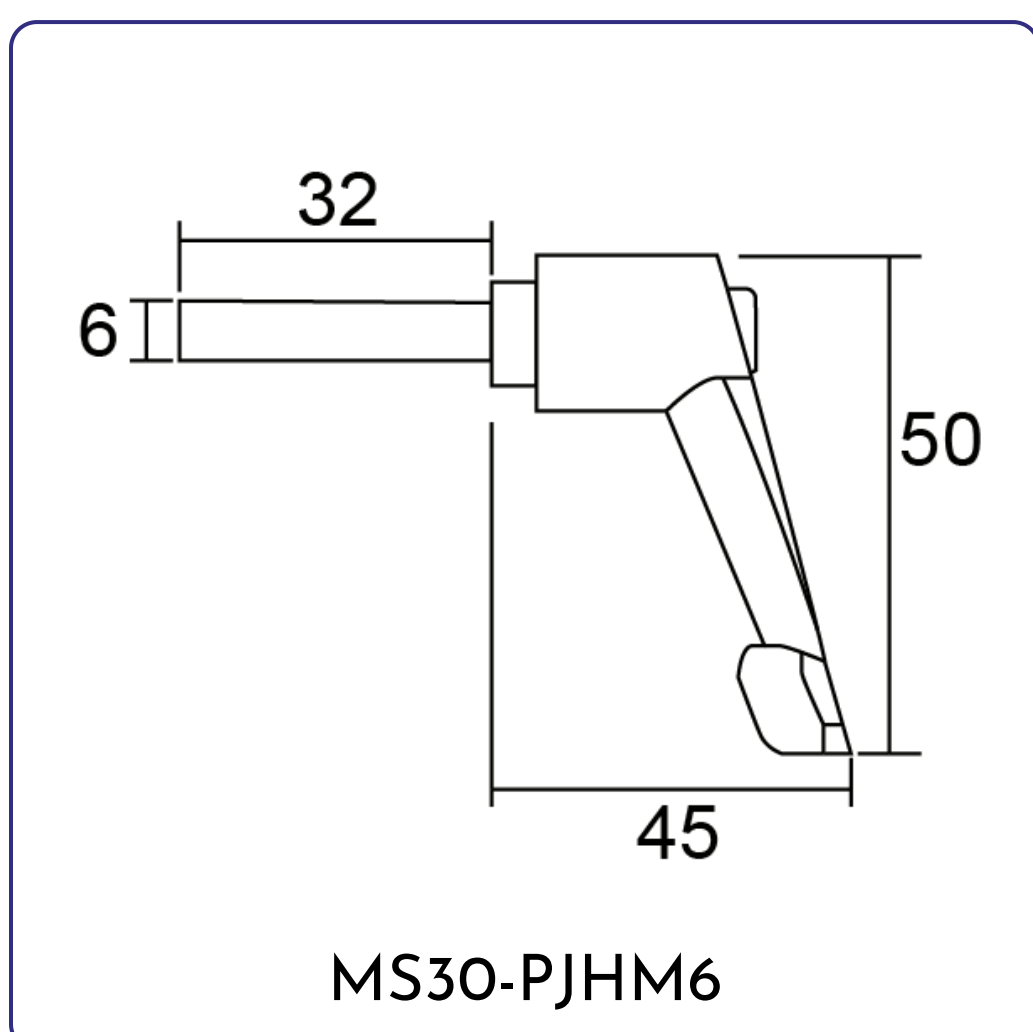
Series	Part No	Handle Part No
30	MS30-PJM8-8	MS30-PJHM6

Material: Die Cast Zinc

Flexible angle joint connector and 4 installable alignment stubs for power-lock connection

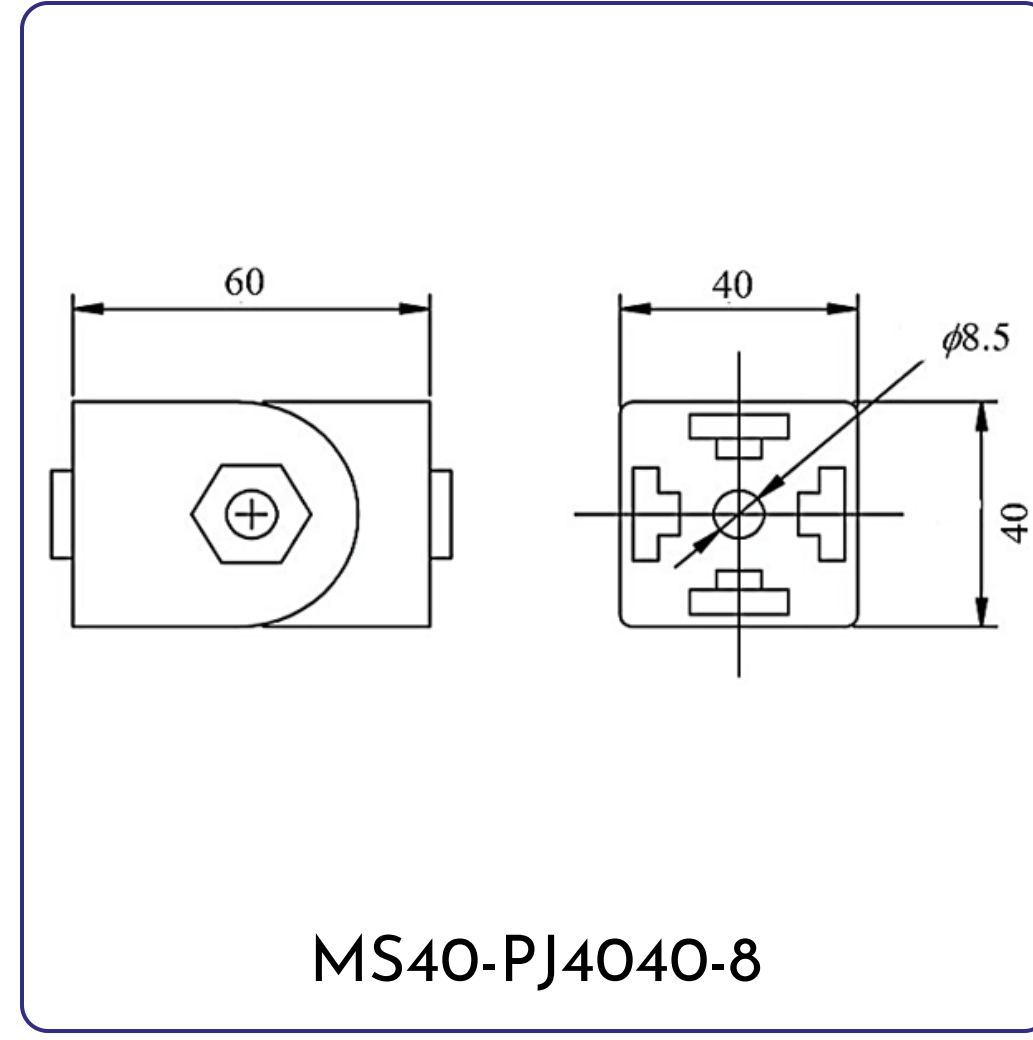
Used with Button H.C. Bolt M8x25 (profile end)/ M8x16 (profile slot)

\*Handle can be ordered separately

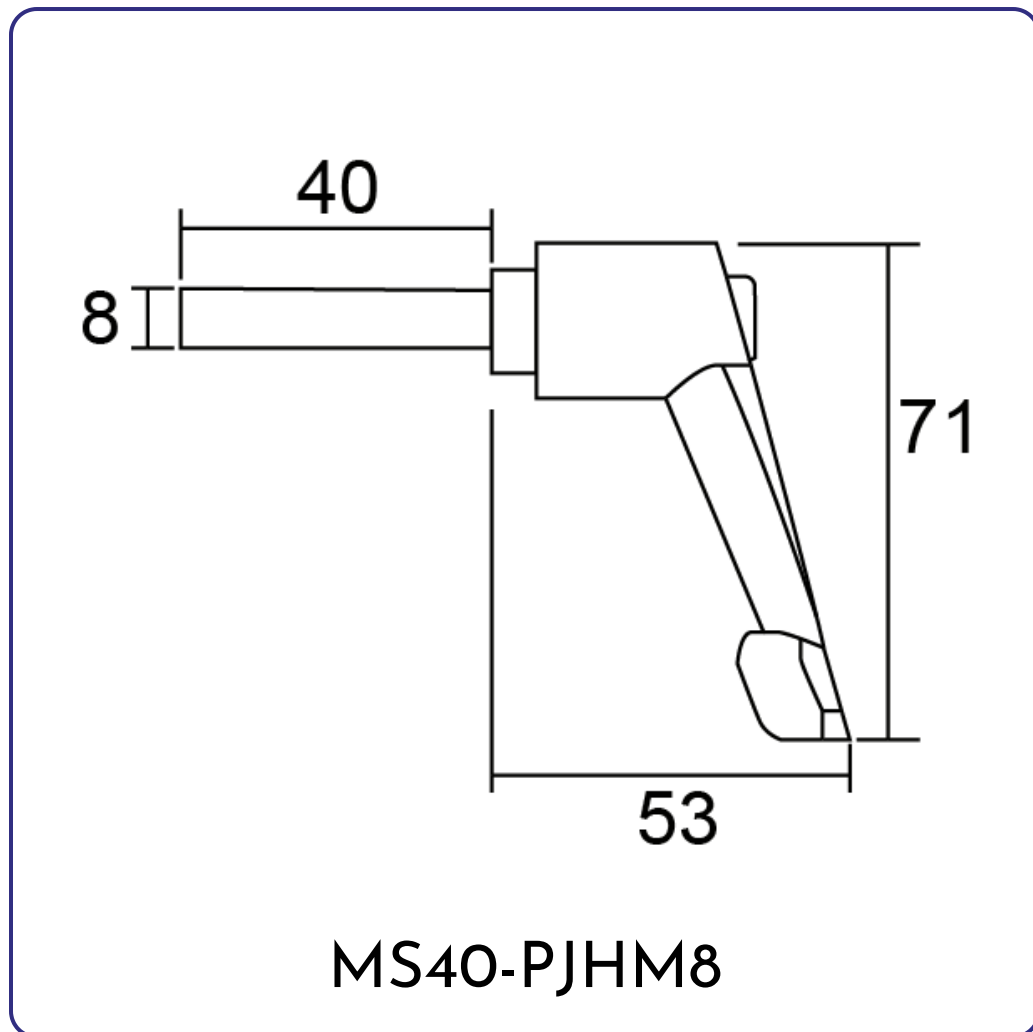




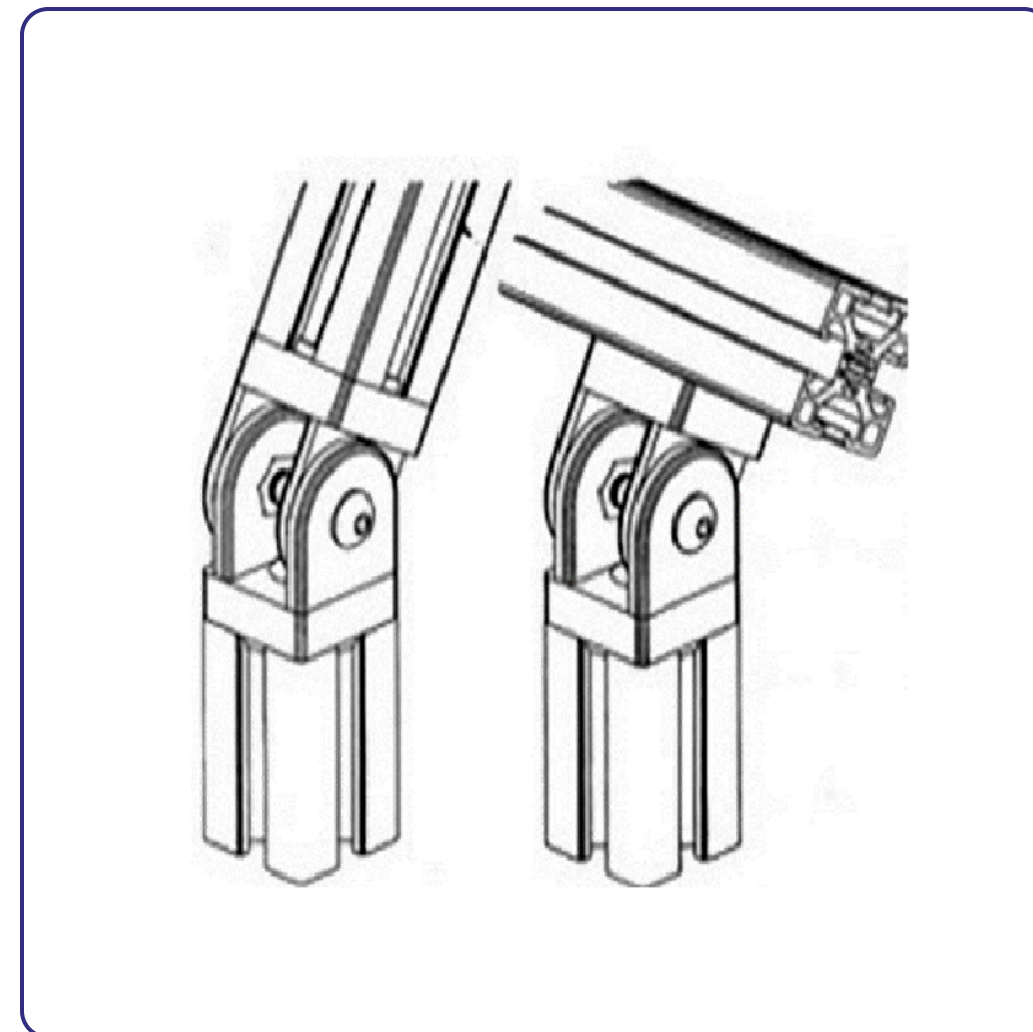
## Pivot Joint 4040



MS40-PJ4040-8



MS40-PJHM8



Series	Part No	Handle Part No
40	MS40-PJM8-8	MS40-PJHM8

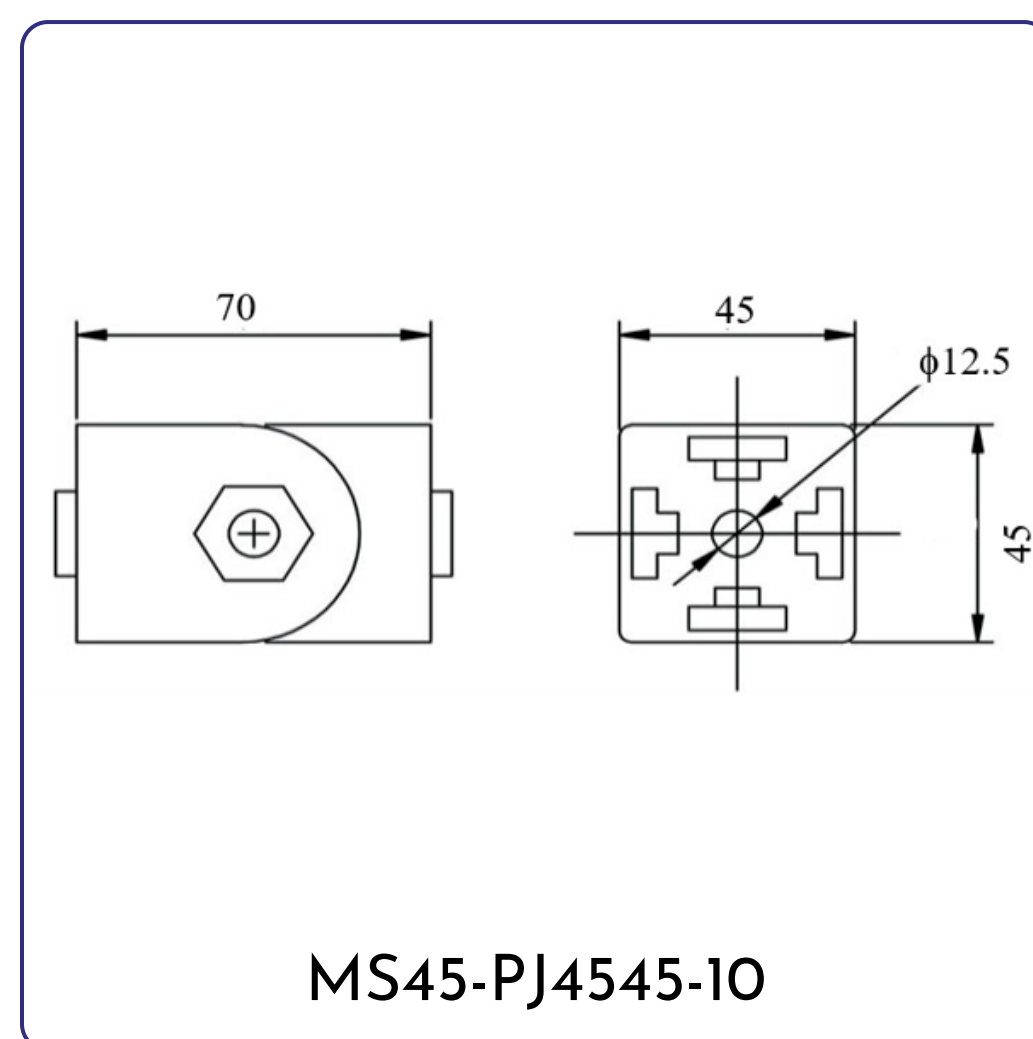
Material: Die Cast Zinc

Flexible angle joint connector and 4 installable alignment stubs for power-lock connection

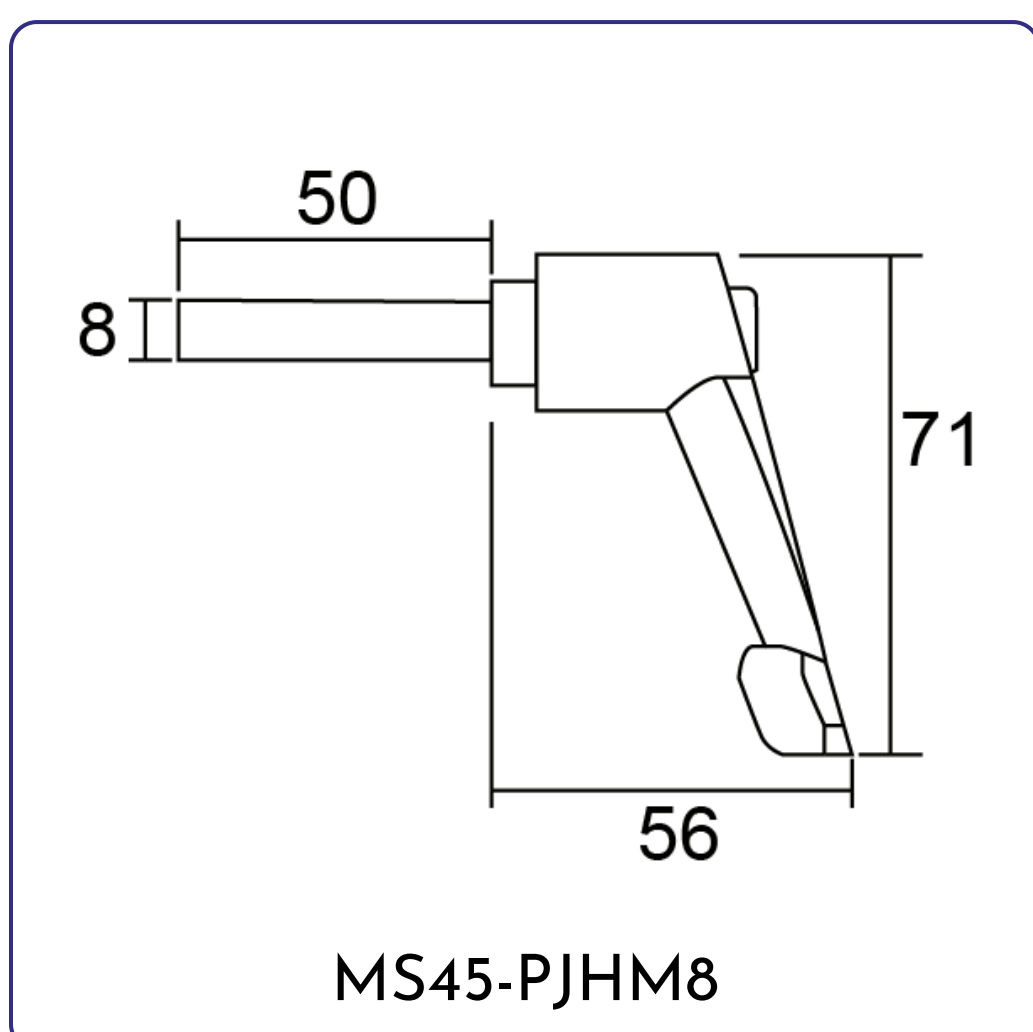
Used with Button H.C. Bolt M8x25 (profile end)/ M8x20 (profile slot)

\*Handle can be ordered separately

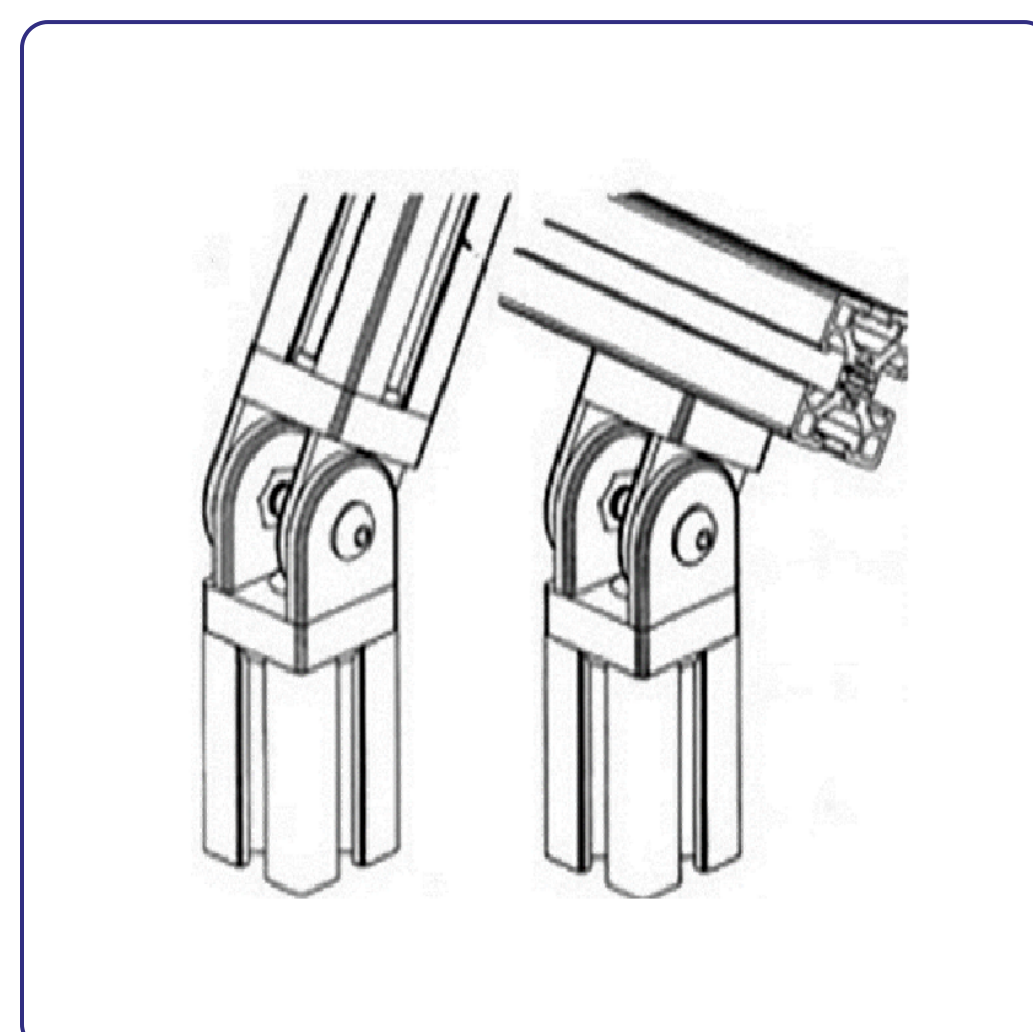
## Pivot Joint 4545



MS45-PJ4545-10



MS45-PJHM8



Series	Part No	Handle Part No
45	MS45-PJM12-10	MS45-PJHM8

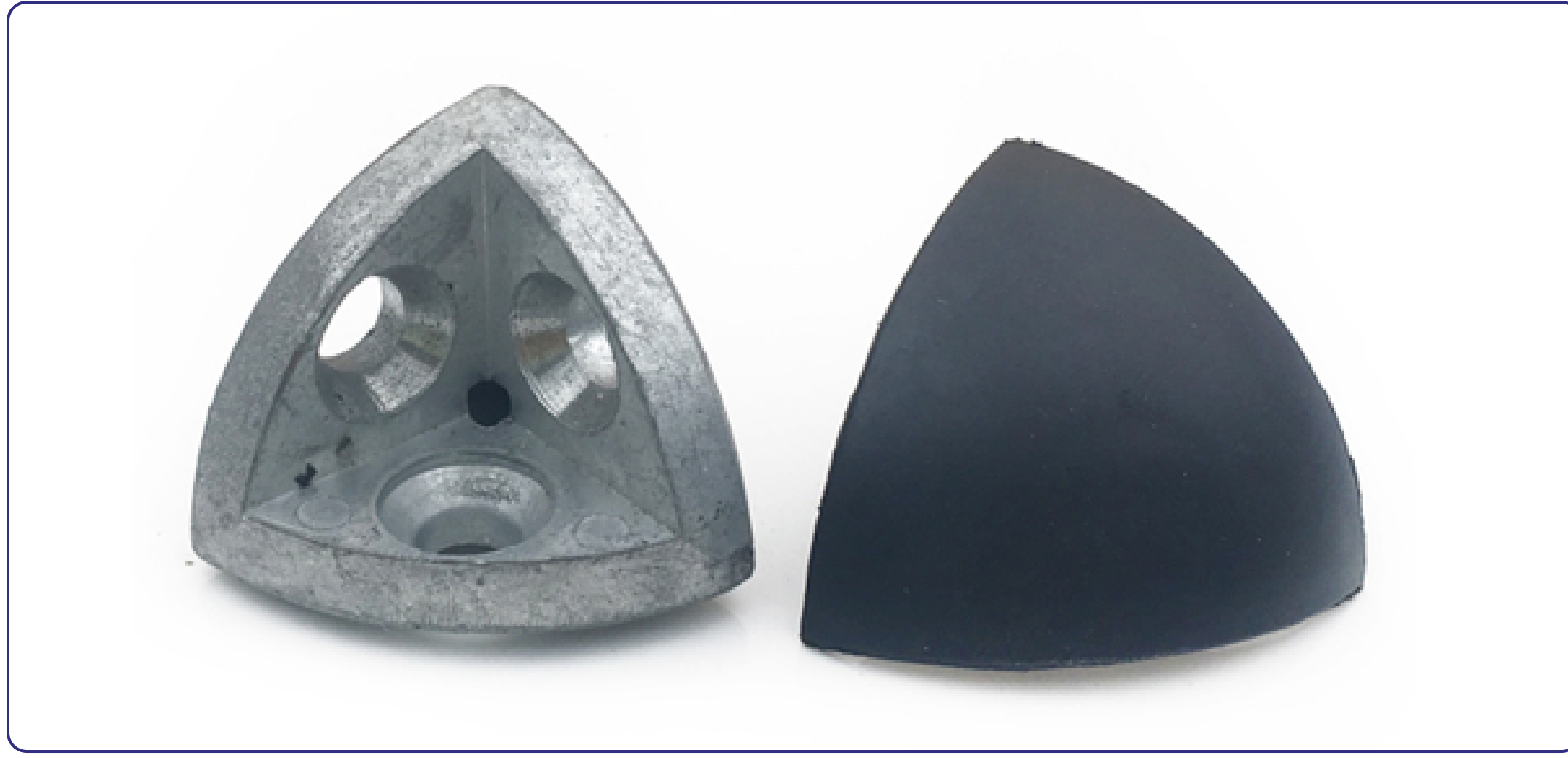
Material: Die Cast Zinc

Flexible angle joint connector and 4 installable alignment stubs for power-lock connection

Used with Button H.C. Bolt M12x30 (profile end)/ M8x20 (profile slot)

\*Handle can be ordered separately

## Corner Joint

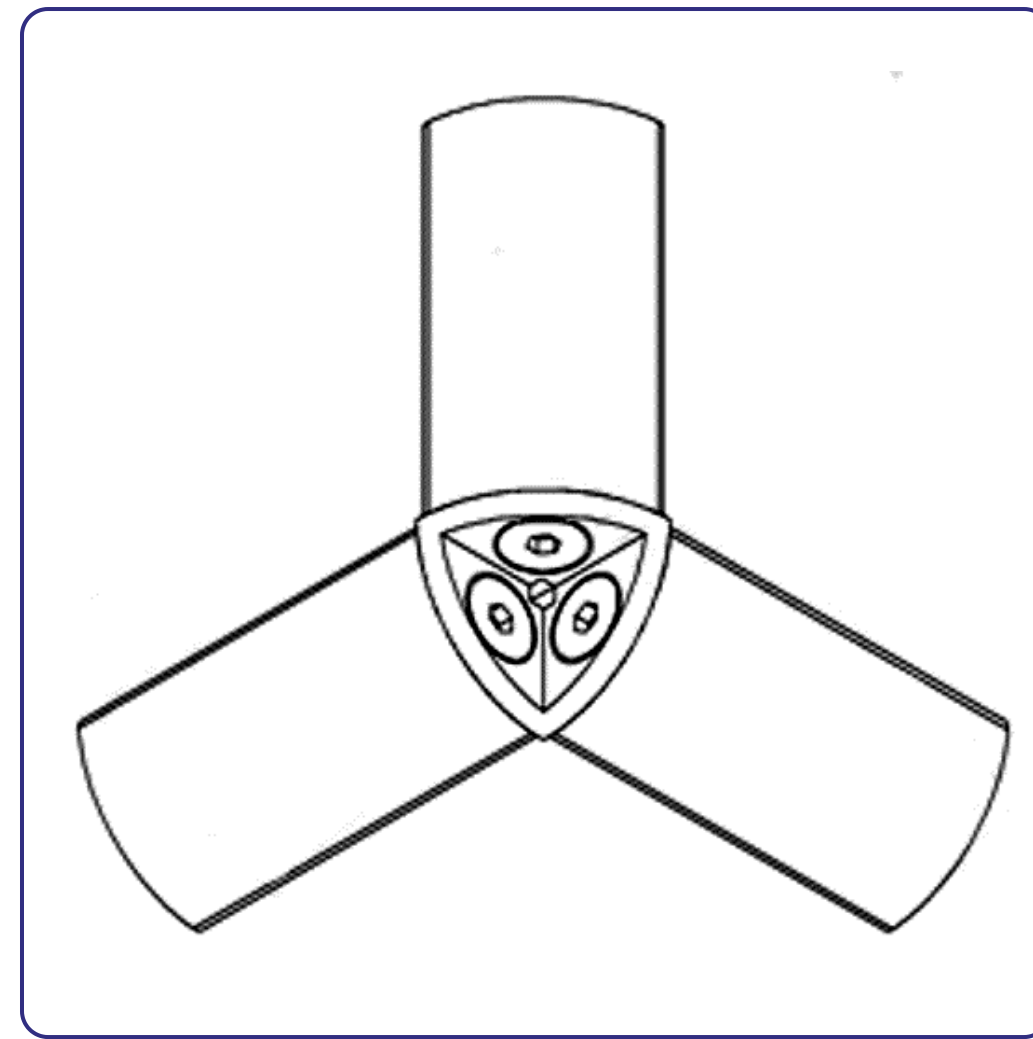
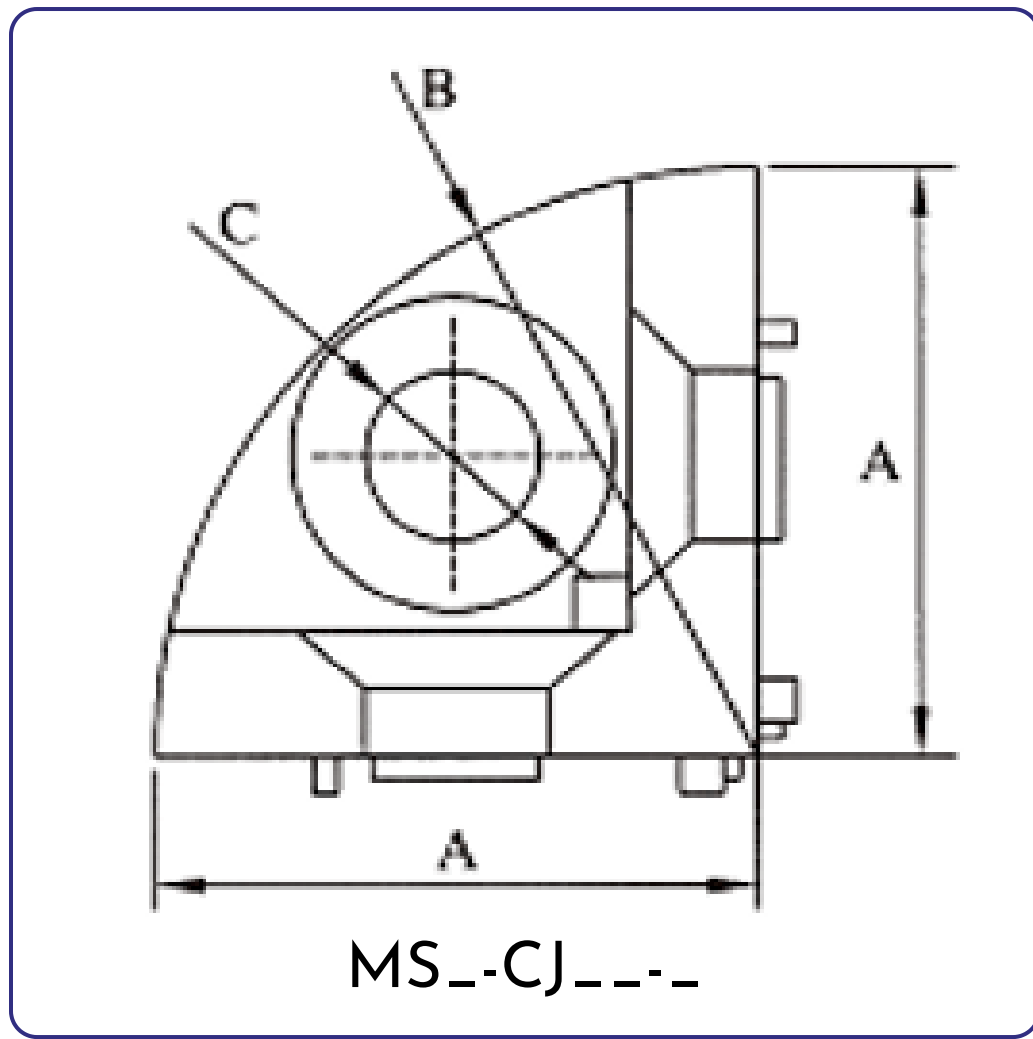


Series	Part No	A	B	C	Weight(g)
30	MS30-CJM8-8	28.5	30	9	46
40	MS40-CJM8-8	38.5	40	9	110

Material: Die Cast Zinc

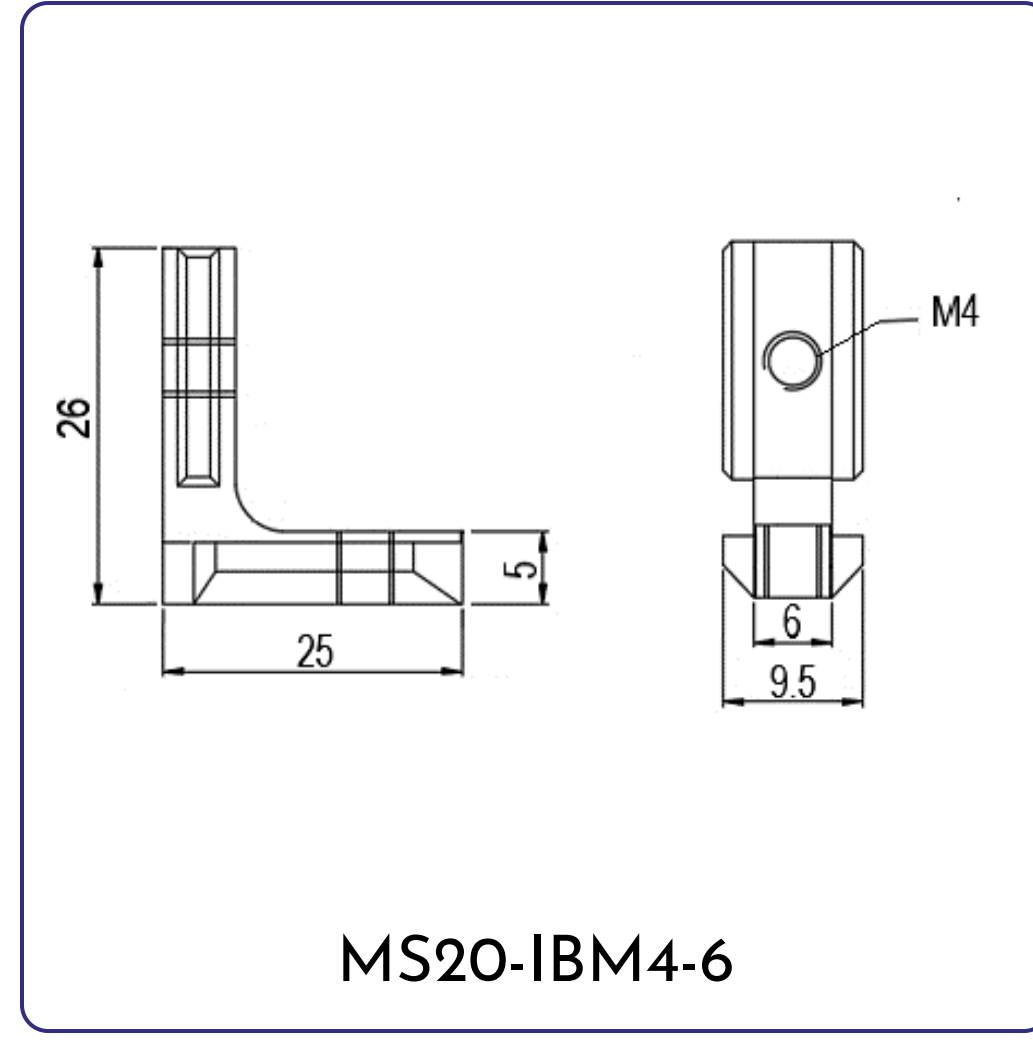
Right-angled and power-locked 3-way corner joint used with 3 C- Sunk Screws to join 3 curved profiles (MS--AP--R) included with a cover that fit on the surface of Corner Joint.

Used with C' Sunk Screw M8x25

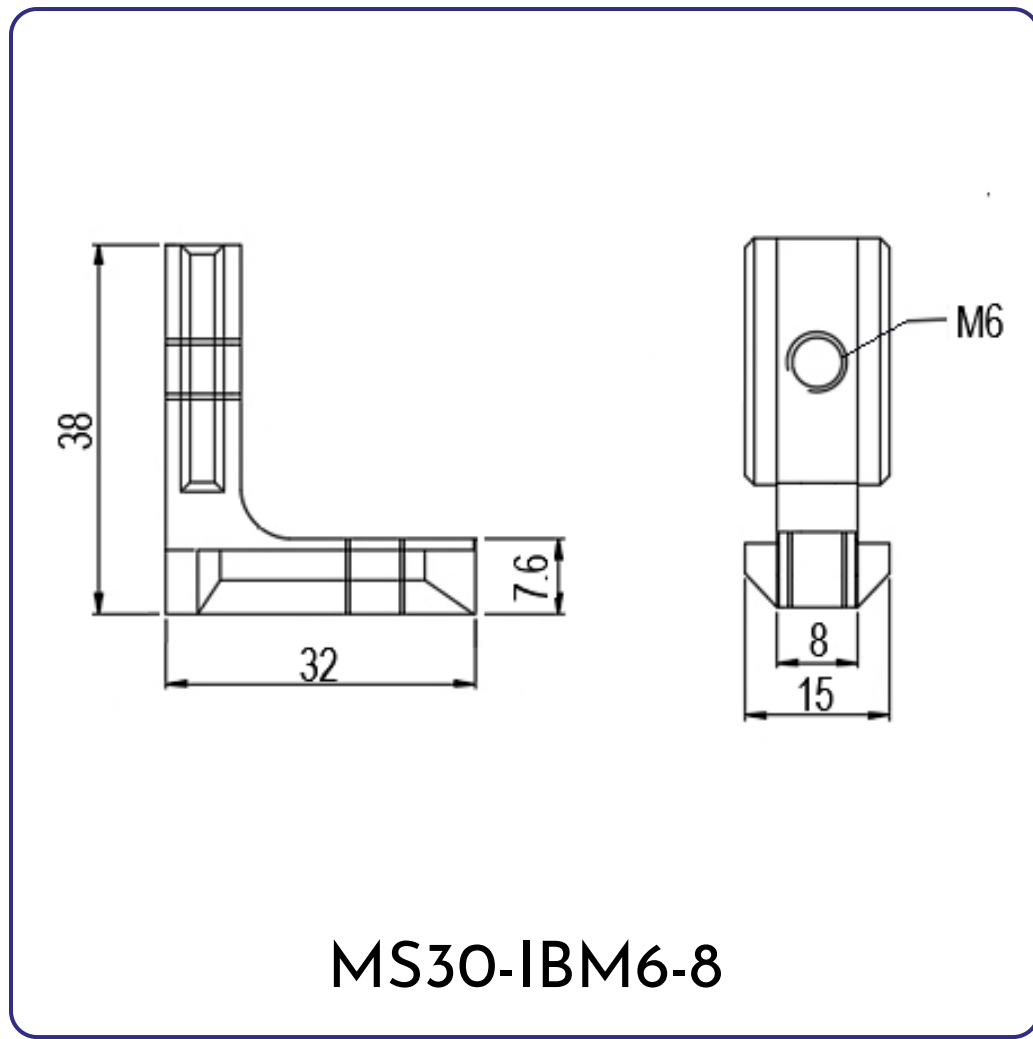




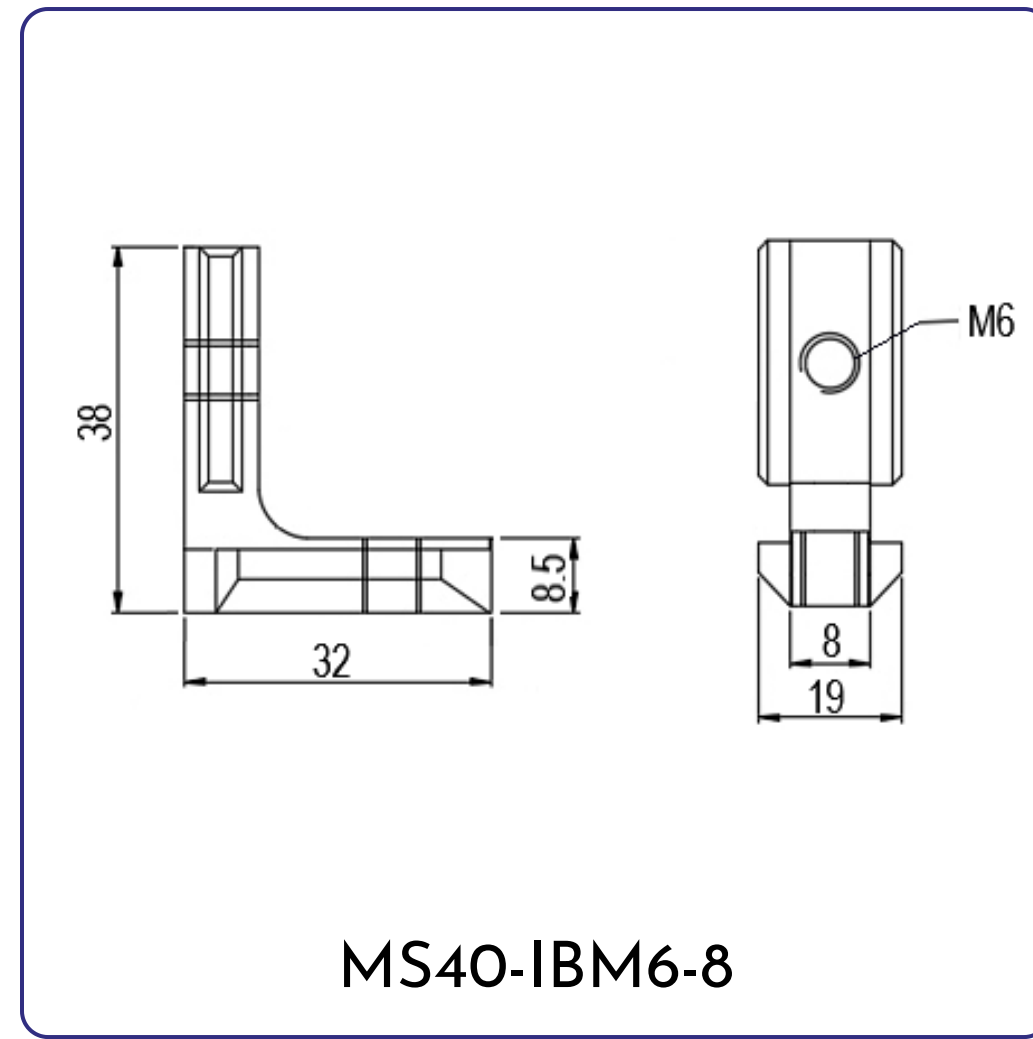
## Interior Bracket



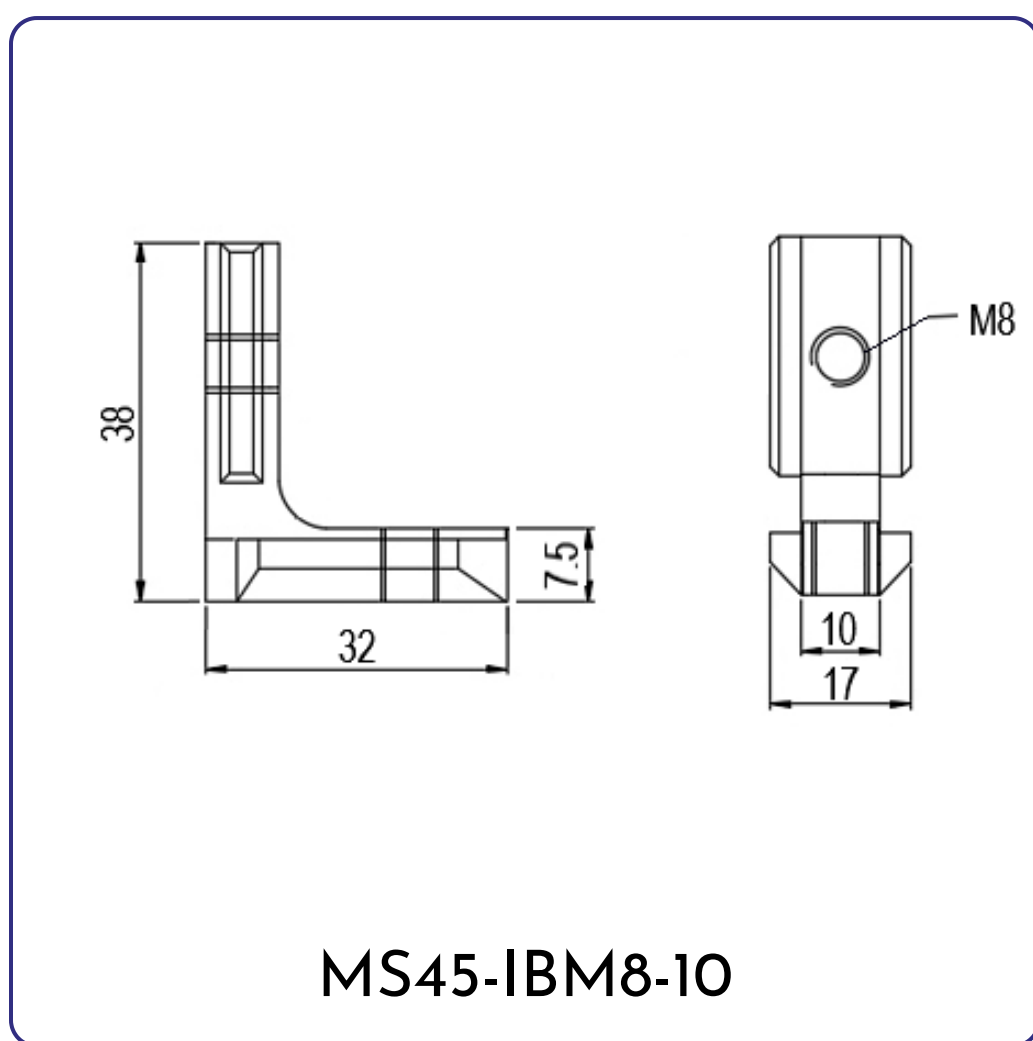
MS20-IBM4-6



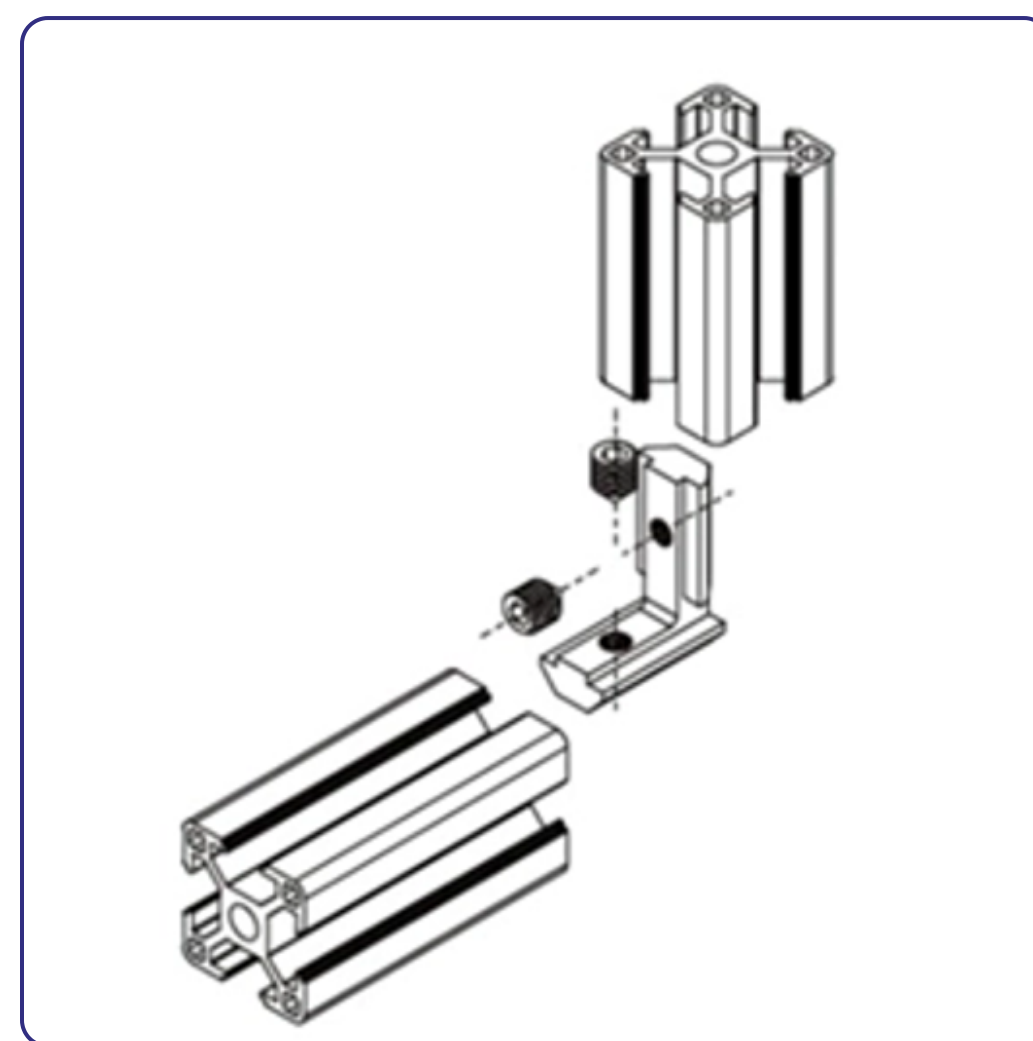
MS30-IBM6-8



MS40-IBM6-8



MS45-IBM8-10



Series	Part No
20	MS20-IBM4-6
30	MS30-IBM6-8
40	MS40-IBM6-8
45	MS45-IBM8-10

Material: **Nickel Plated Steel**

Right-angled and power-locked joint connector included with 2 Set Screws to join 2 profiles slot-to-slot.

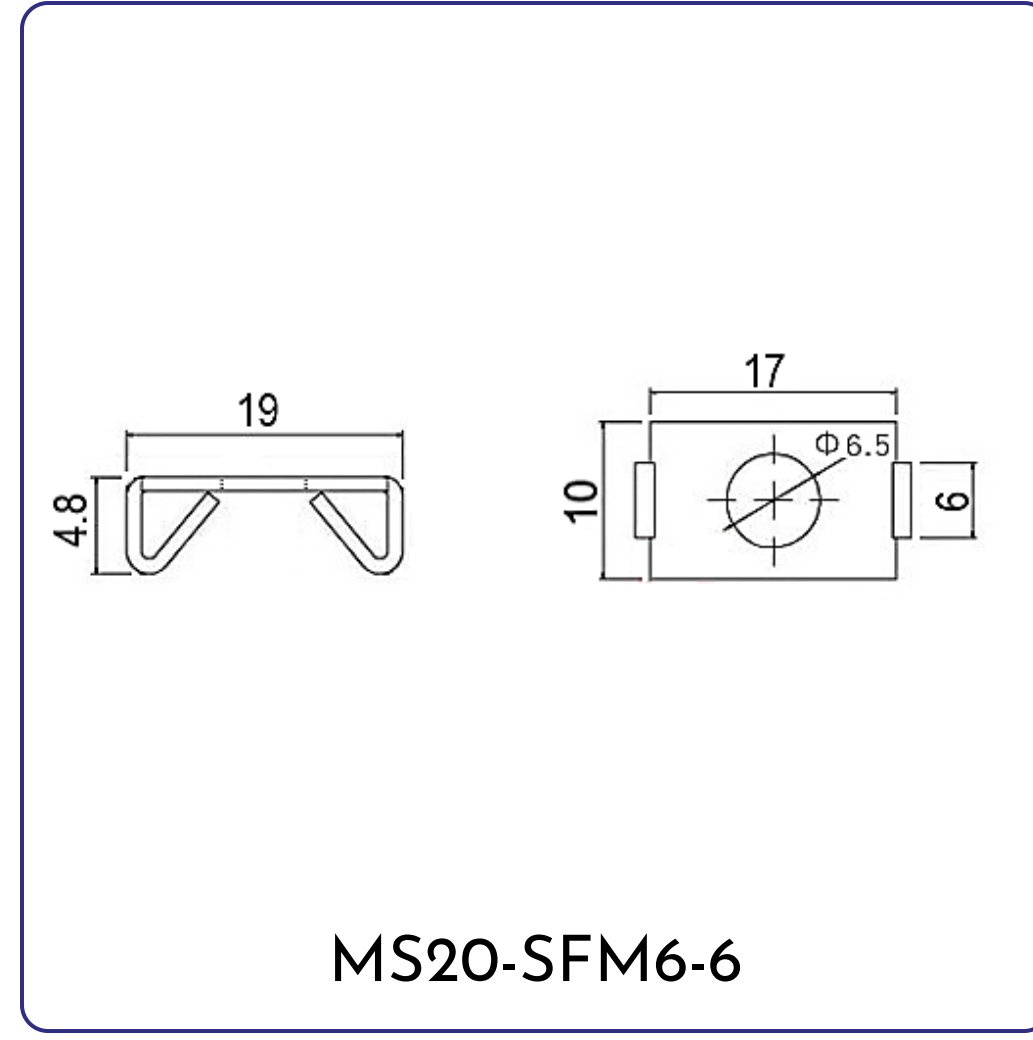
20 Series - included with Set Screw M5x6

30 Series - included with Set Screw M6x8

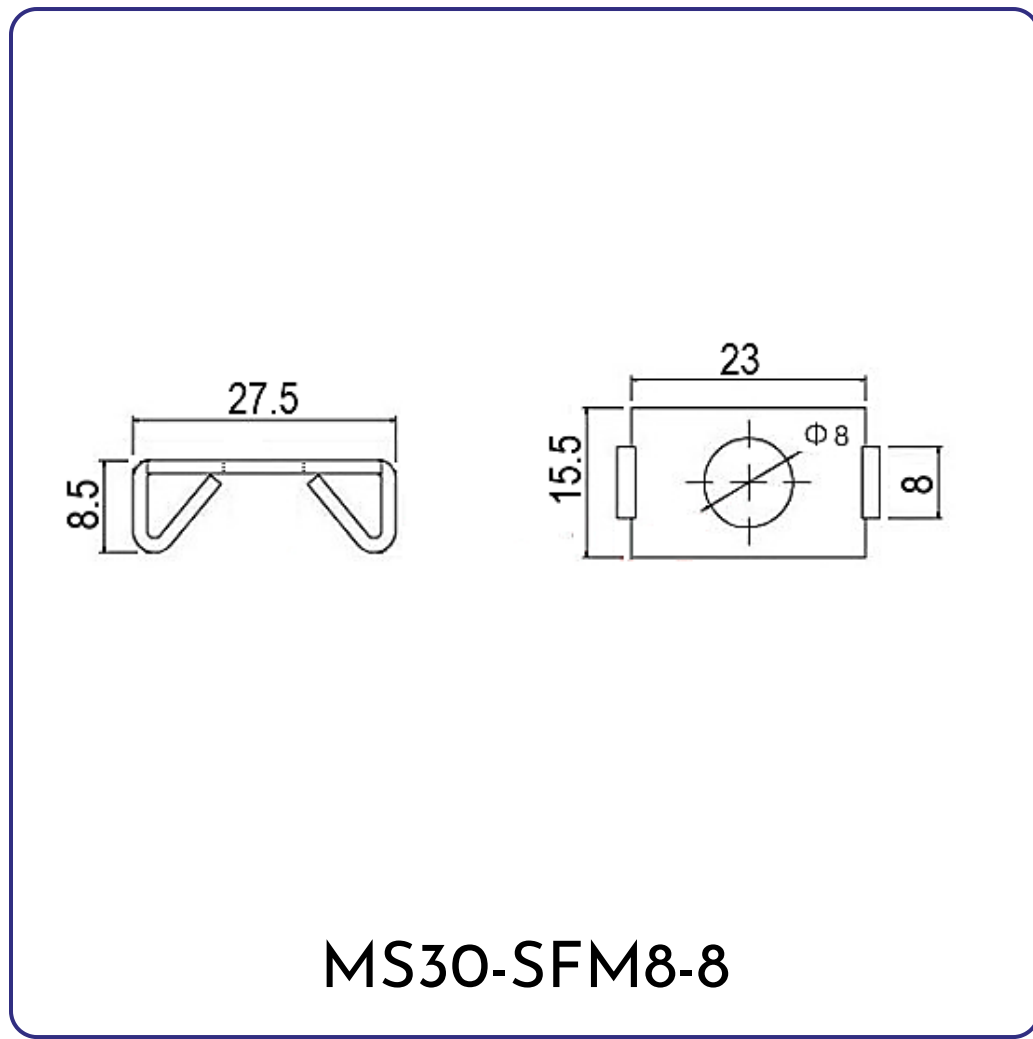
40 Series - included with Set Screw M6x10

45 Series - included with Set Screw M8x10

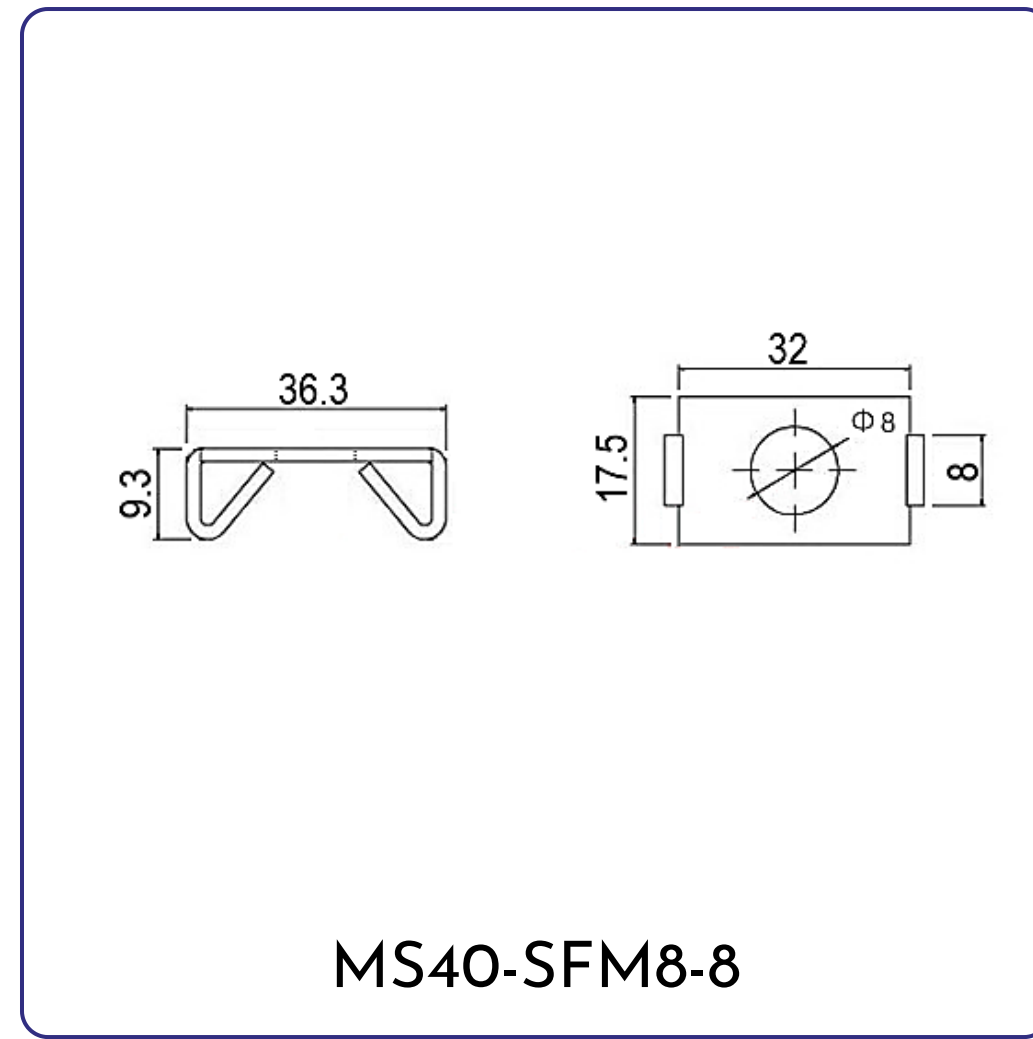
## Standard Fastener



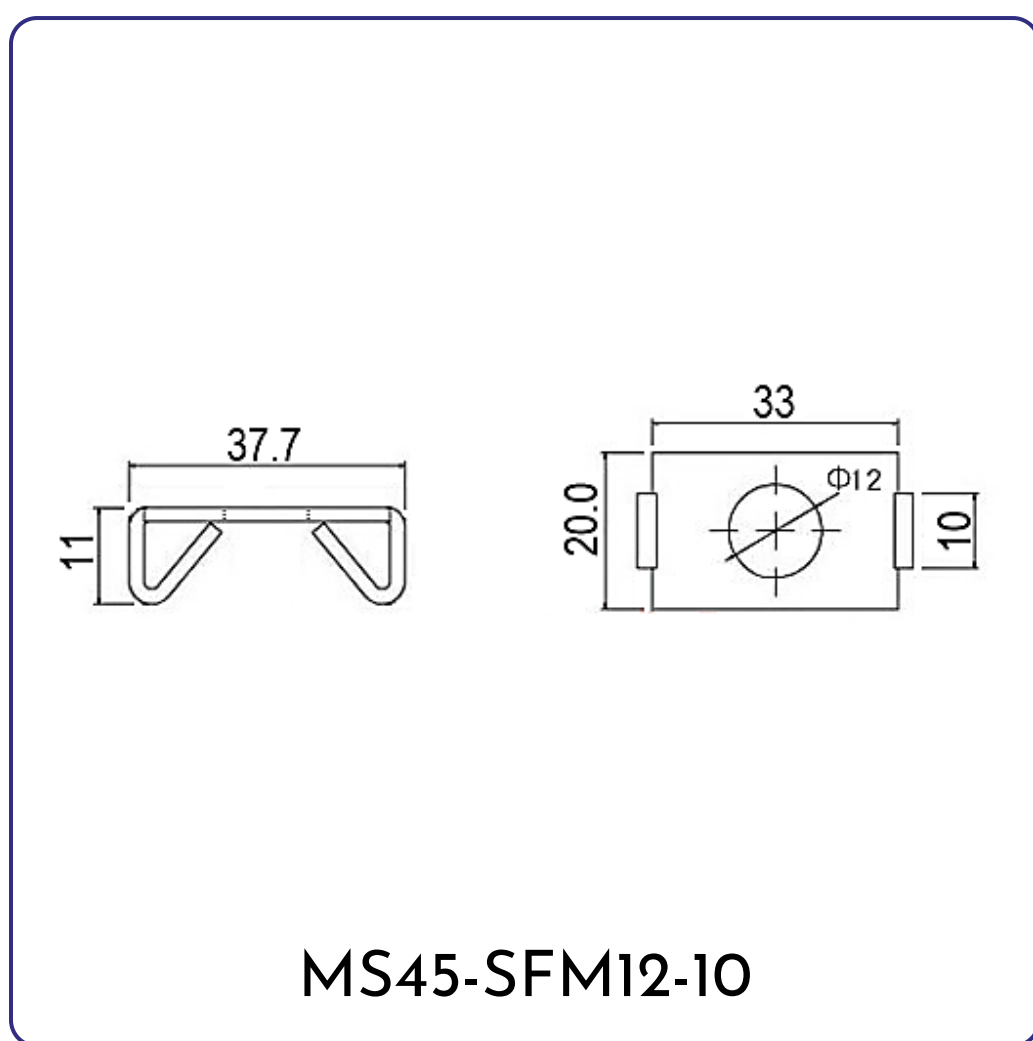
MS20-SFM6-6



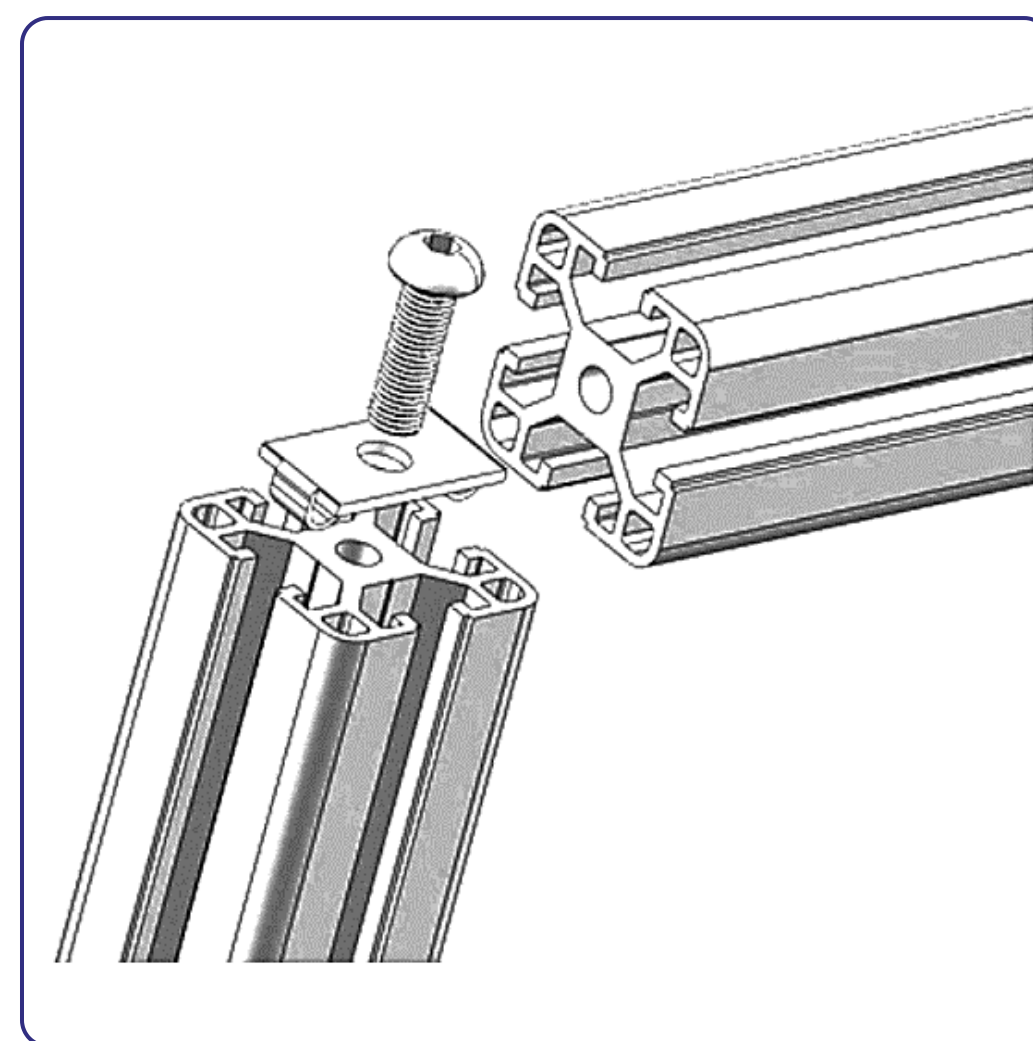
MS30-SFM8-8



MS40-SFM8-8



MS45-SFM12-10



Series	Part No
20	MS20-SFM4-6
30	MS30-SFM6-8
40	MS40-SFM6-8
45	MS45-SFM12-10

Material: **Nickel Plated Steel**

Simple right-angled and power-locked joint fastener used with Button H.C. Bolt to join 2 profiles slot-to-end.

20 Series - used with Button H.C. Bolt M6x16

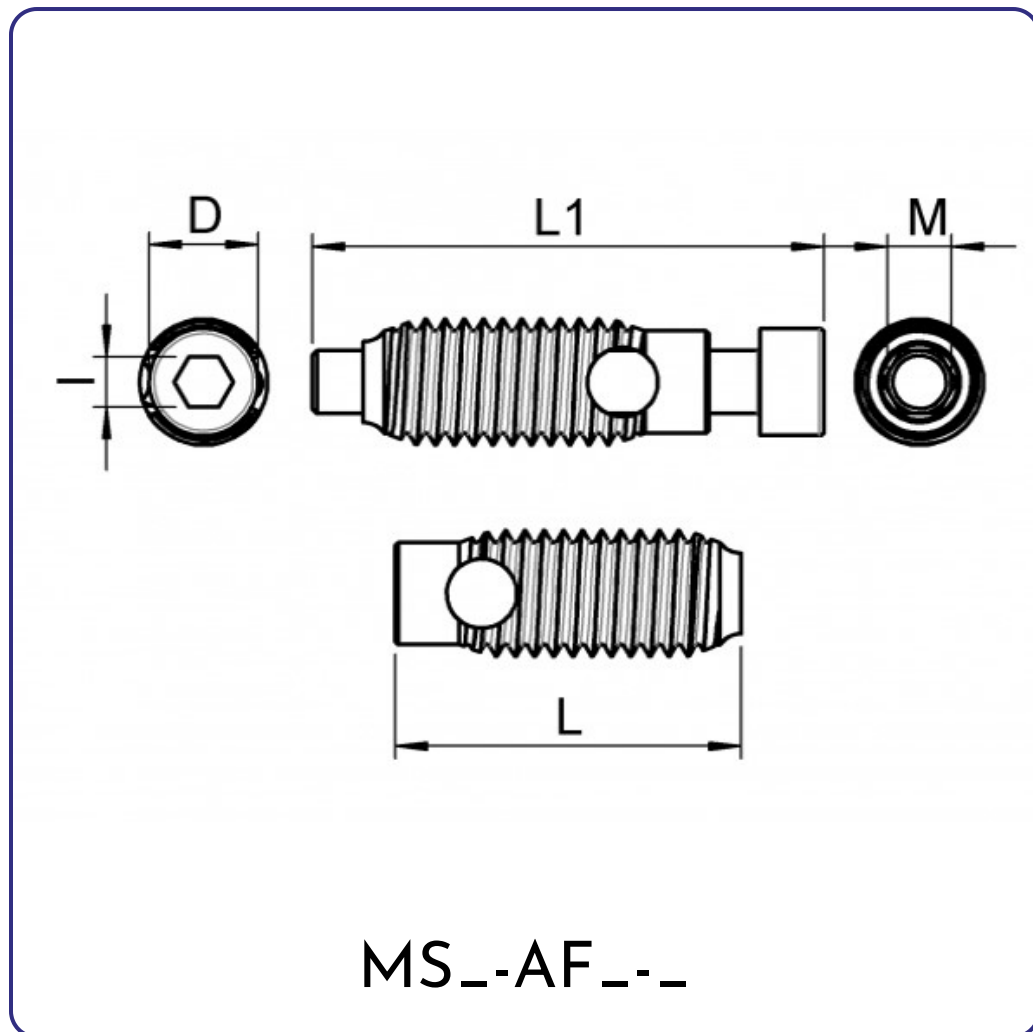
30 Series - used with Button H.C. Bolt M8x20

40 Series - used with Button H.C. Bolt M8x30

45 Series - used with Button H.C. Bolt M12x30



## Automatic Fastener



Series	Part No
20	MS20-AFM4-6
30	MS30-AFM6-8
40	MS40-AFM6-8
45	MS45-AFM12-10

Material: Zinc Plated Steel

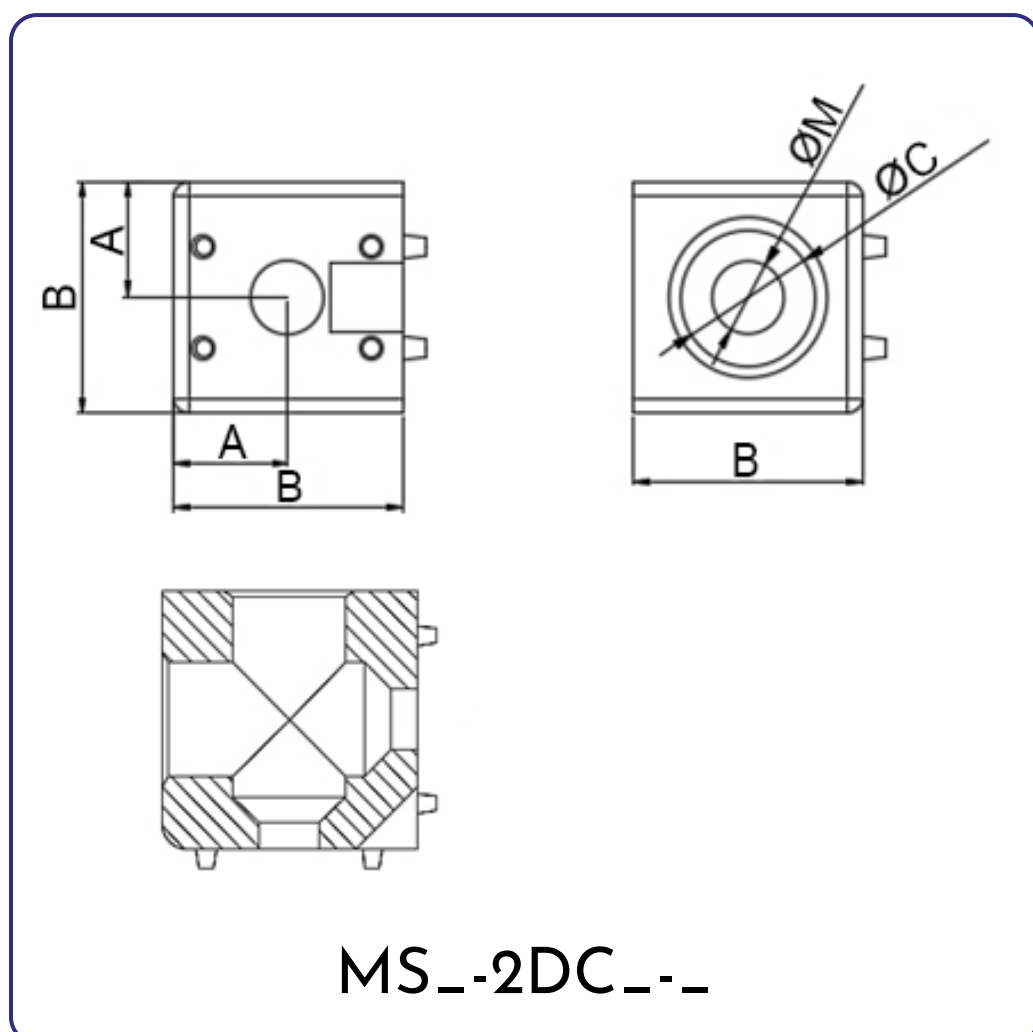
Fast and solid right angled joint fastener used with Button H.C. Bolt to join 2 profiles without machining self-cutting thread.

20 Series - used with M4x30 Socket H.C. Bolt

30 Series - used with M5x35 Socket H.C. Bolt

40 Series - used with M6x40 Socket H.C. Bolt

## 2D Connector



Series	Part No	A	B	C	M
20	MS20-2DCM6-6	10	20	12.5	6.3
30	MS30-2DCM8-8	15	30	17.5	9.5
40	MS40-2DCM8-8	20	40	17.5	9.5
45	MS45-2DCM12-10	22.5	45	17.5	12.5

Material: Die Cast Aluminium

Right-angled and power-locked corner joint used with 2 C-Sunk Screws to join 2 profiles and included with 2 caps that fit on holes of 2D Connector.

20 Series - used with C' Sunk Screw M6x20

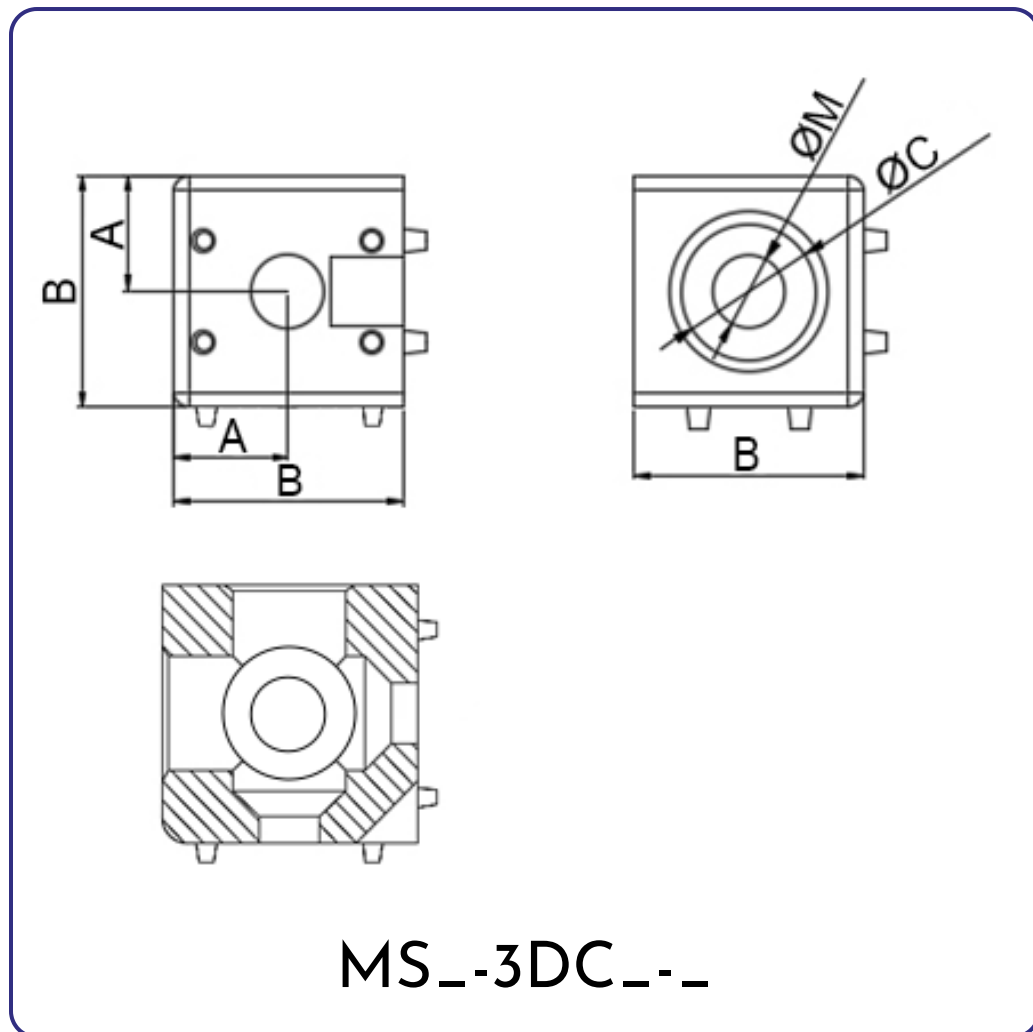
30 Series - used with C' Sunk Screw M8x25

40 Series - used with C' Sunk Screw M8x30

45 Series - used with C' Sunk Screw M12x30



## 3D Connector



Series	Part No	A	B	C	M
20	MS20-3DCM6-6	10	20	12.5	6.3
30	MS30-3DCM8-8	15	30	17.5	9.5
40	MS40-3DCM8-8	20	40	17.5	9.5
45	MS45-3DCM12-10	22.5	45	17.5	12.5

Material: Die Cast Aluminium

Right-angled and power-locked 3-way corner joint used with 3 C-Sunk Screws to join 3 profiles and included with 3 caps that fit on holes of 3D Connector.

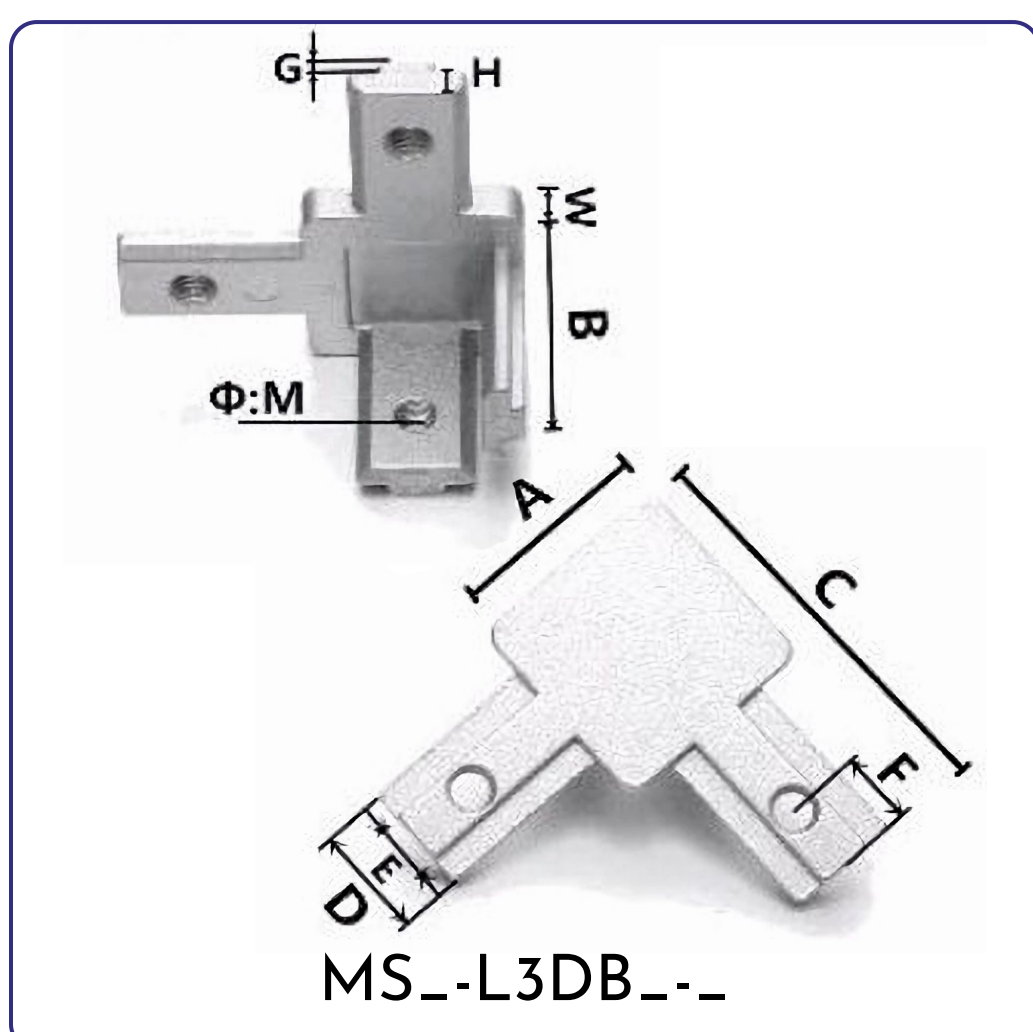
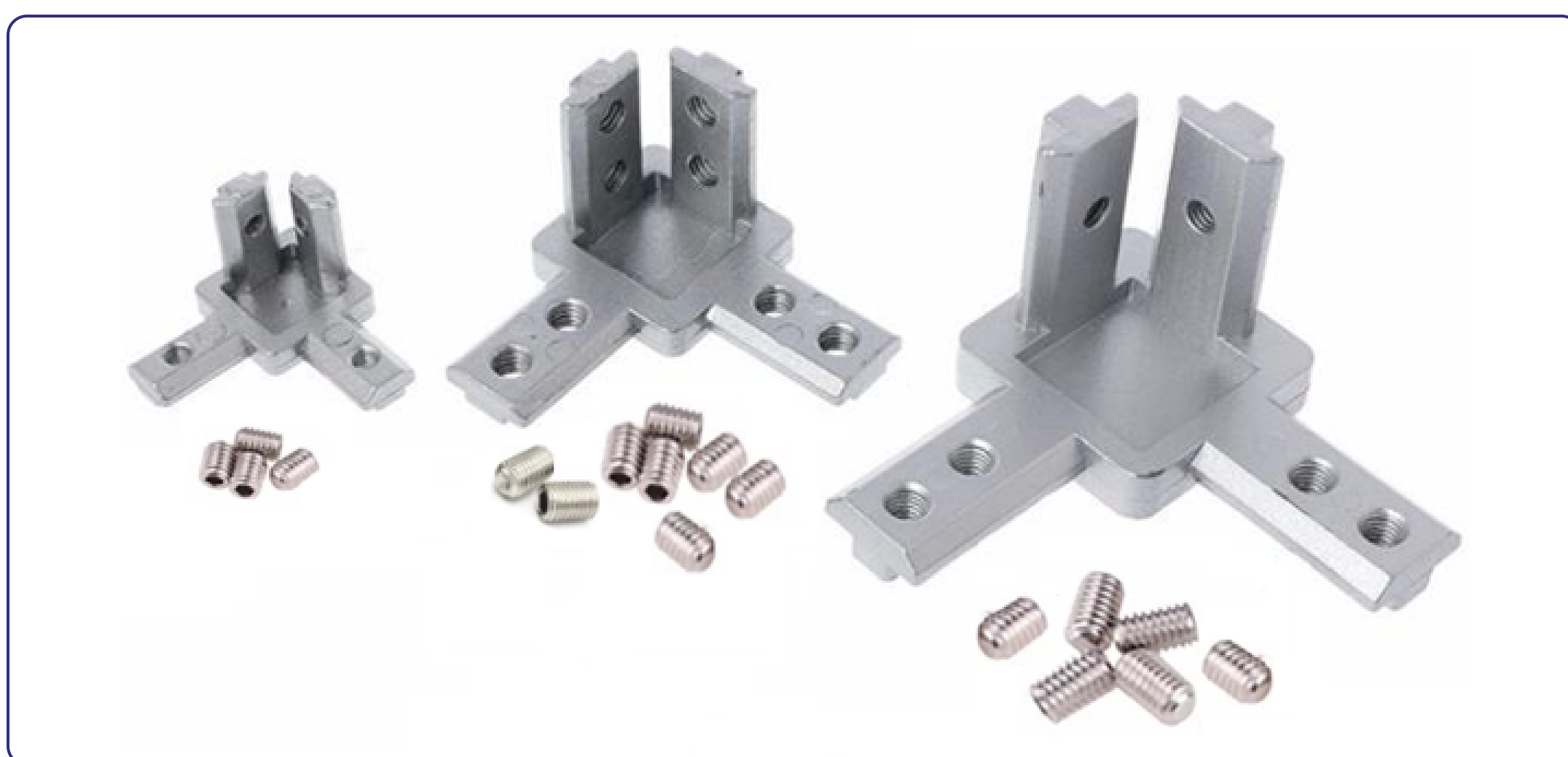
20 Series - used with C' Sunk Screw M6x20

30 Series - used with C' Sunk Screw M8x25

40 Series - used with C' Sunk Screw M8x30

45 Series - used with C' Sunk Screw M12x30

## L Type 3D Bracket



Series	Part No	A	B	C	D	E	F	G	H	W	M
20	MS20-L3DBM4-6	20	15	35	10	6	5.5	1.5	3.5	5	4
30	MS30-L3DBM6-8	30	25	55	16	8	10	2	4	6	6
40	MS40-L3DBM6-8	40	35	74	19	8	15	4.5	4.5	9.5	6

Material: Die Cast Aluminium

Right angled and power-locked 3-way joint connector included with 4-8 Set Screws to join 3 profiles.

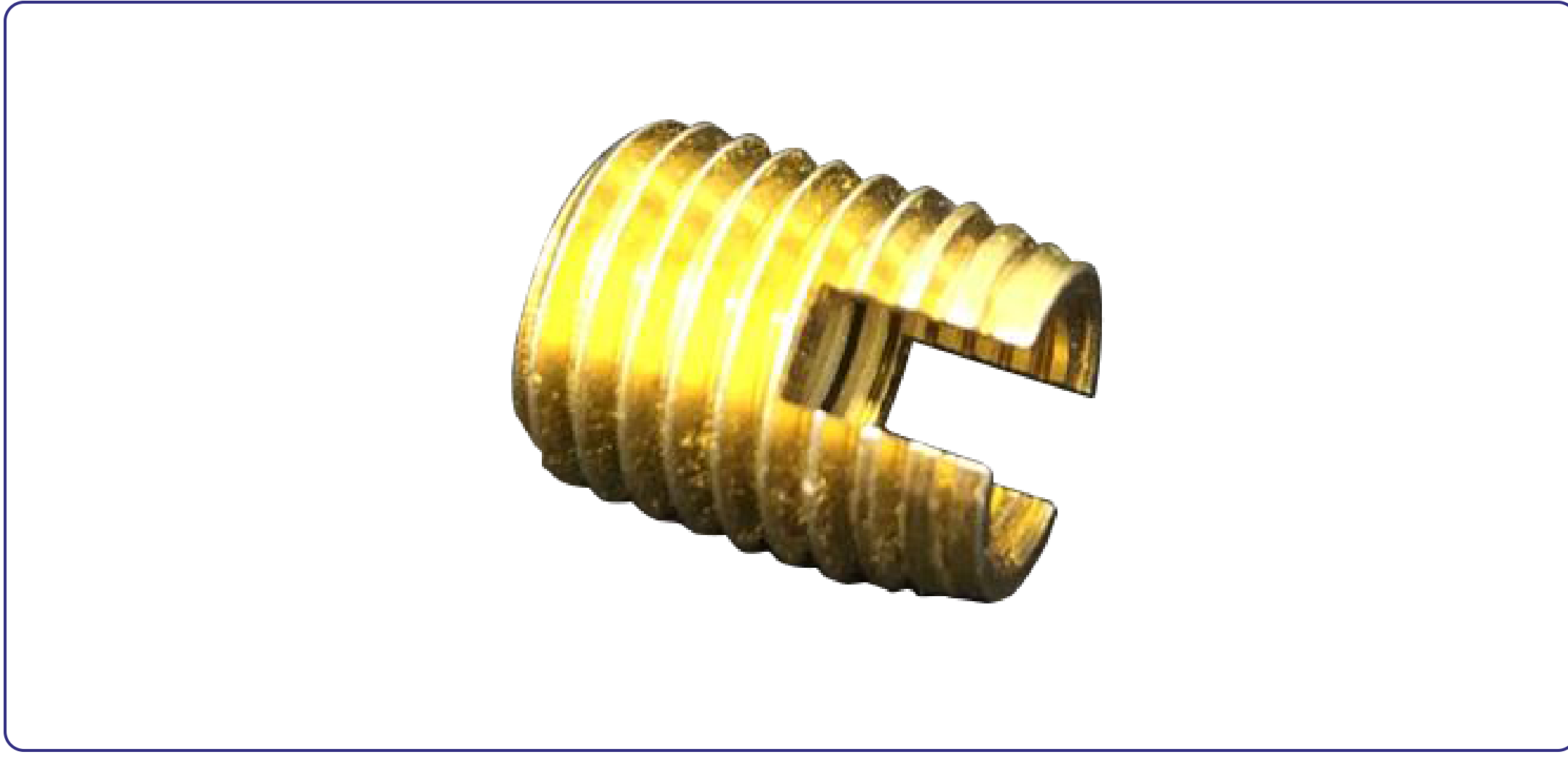
20 Series - included with 4pcs Set Screw M4x6

30 Series - included with 8pcs Set Screw M6x10

40 Series - included with 8pcs Set Screw M6x12



## Self Tapping Screw M12 to M8

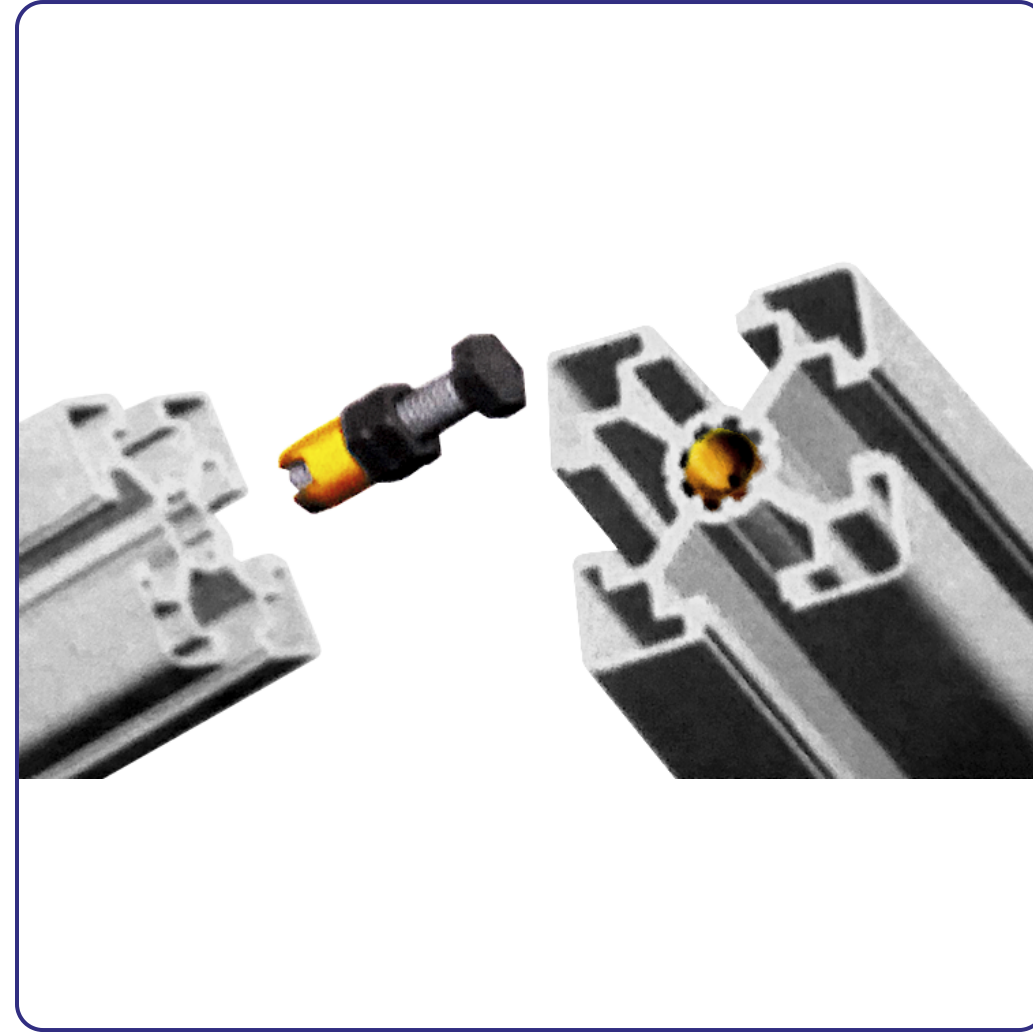
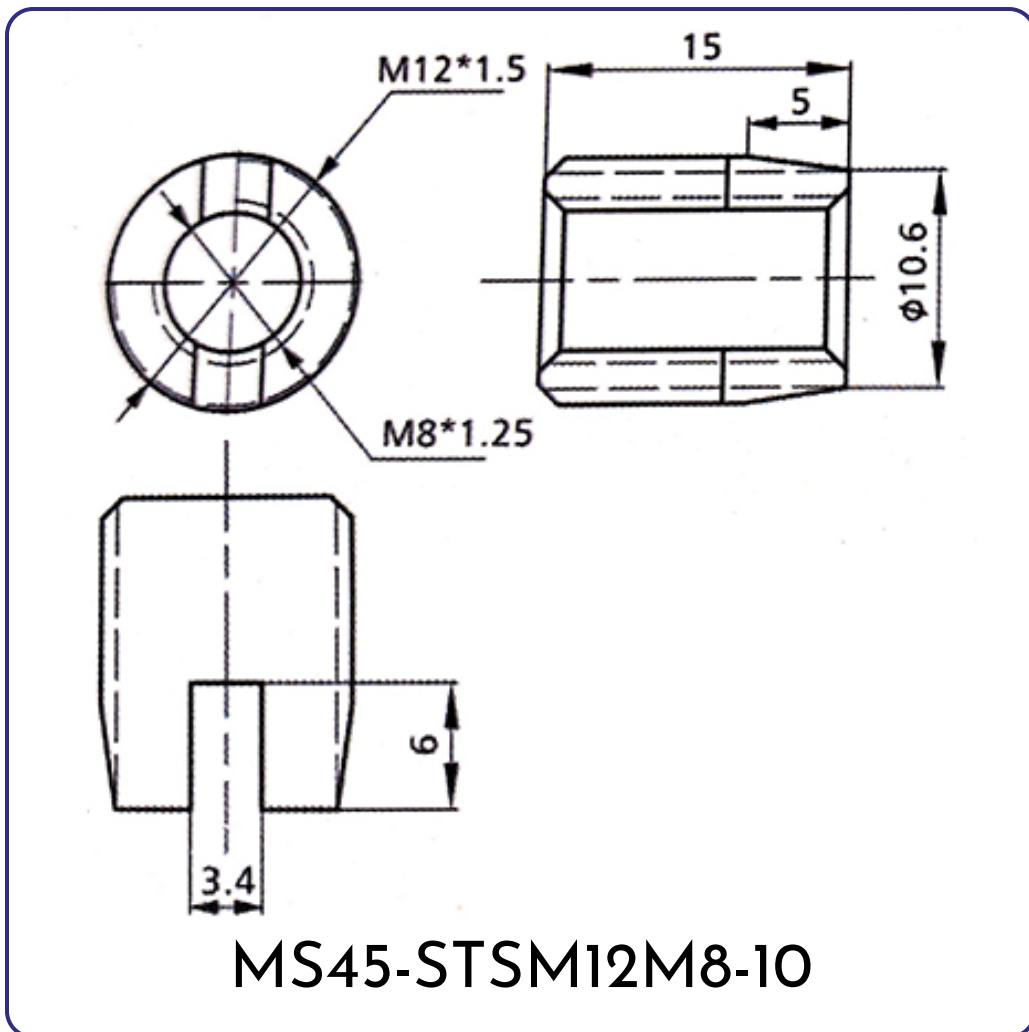


Series	Part No
45	MS45-STSM12M8-10

Material: **Zinc Yellow Plated Steel**

M12 Screw that self-taps and modify a 45 Series profile pin hole to be usable with M8 Screw

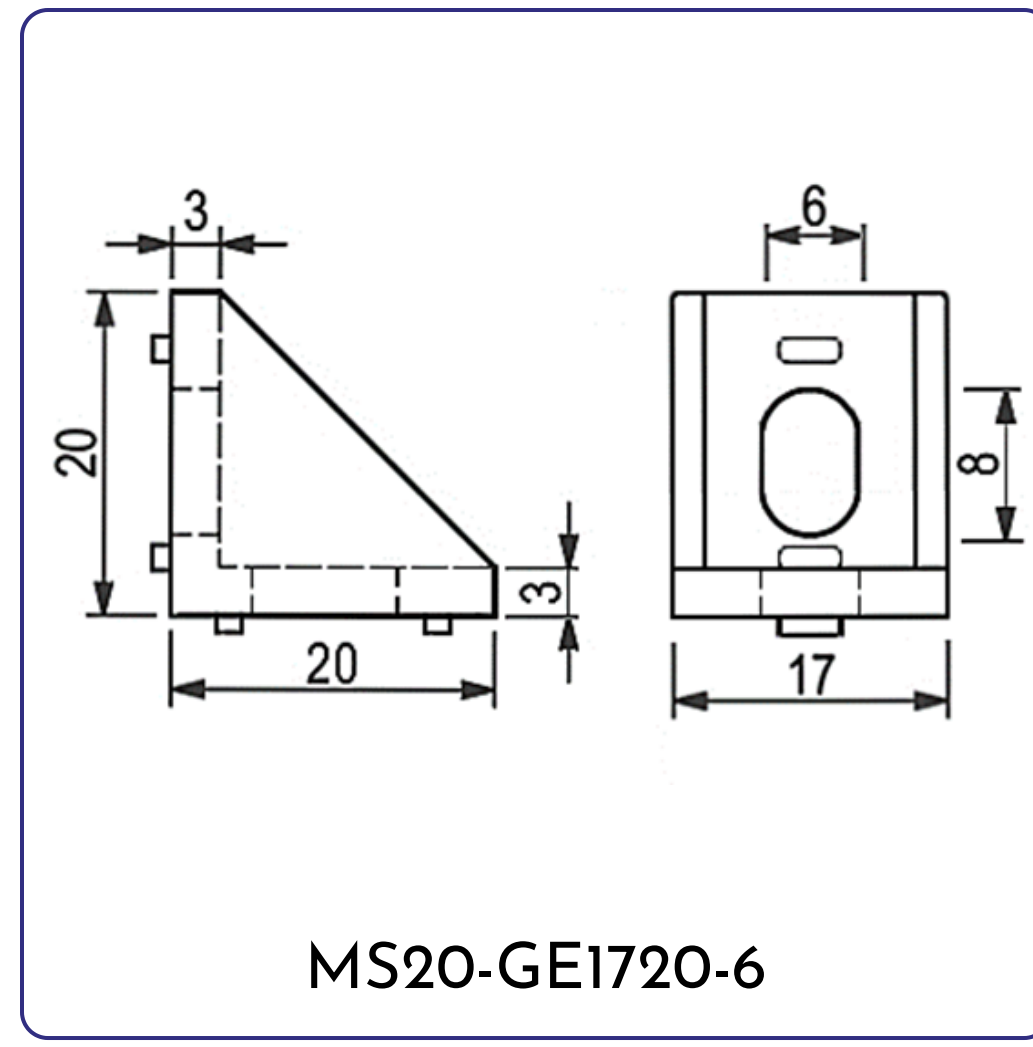
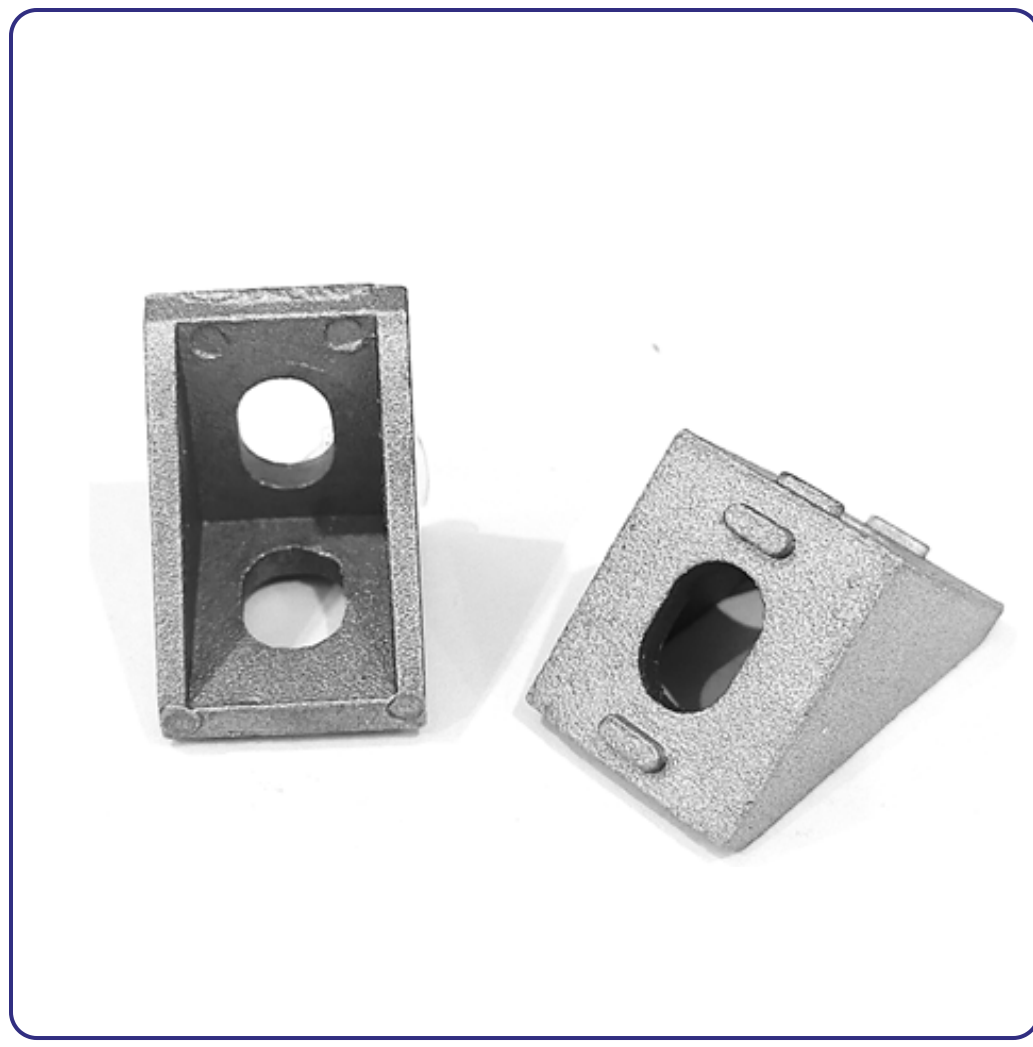
Used with a Hexagon Bolt M8x20 and Flange Nut M8 to assist with tapping



# **GUSSET ELEMENTS**



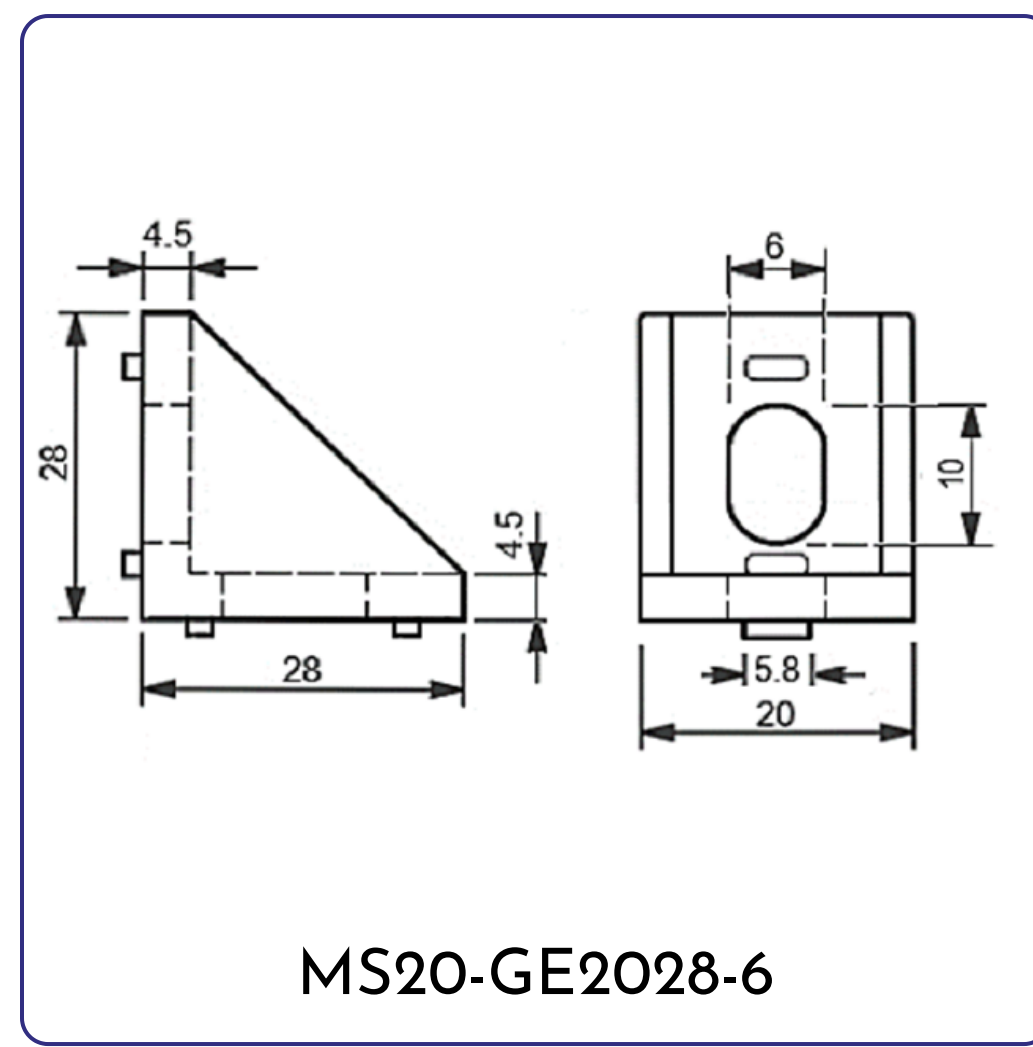
## Gusset Element 1720



Part No	Weight (g)
MS20-GE1720-6	7

Material: **Die Cast Aluminium**

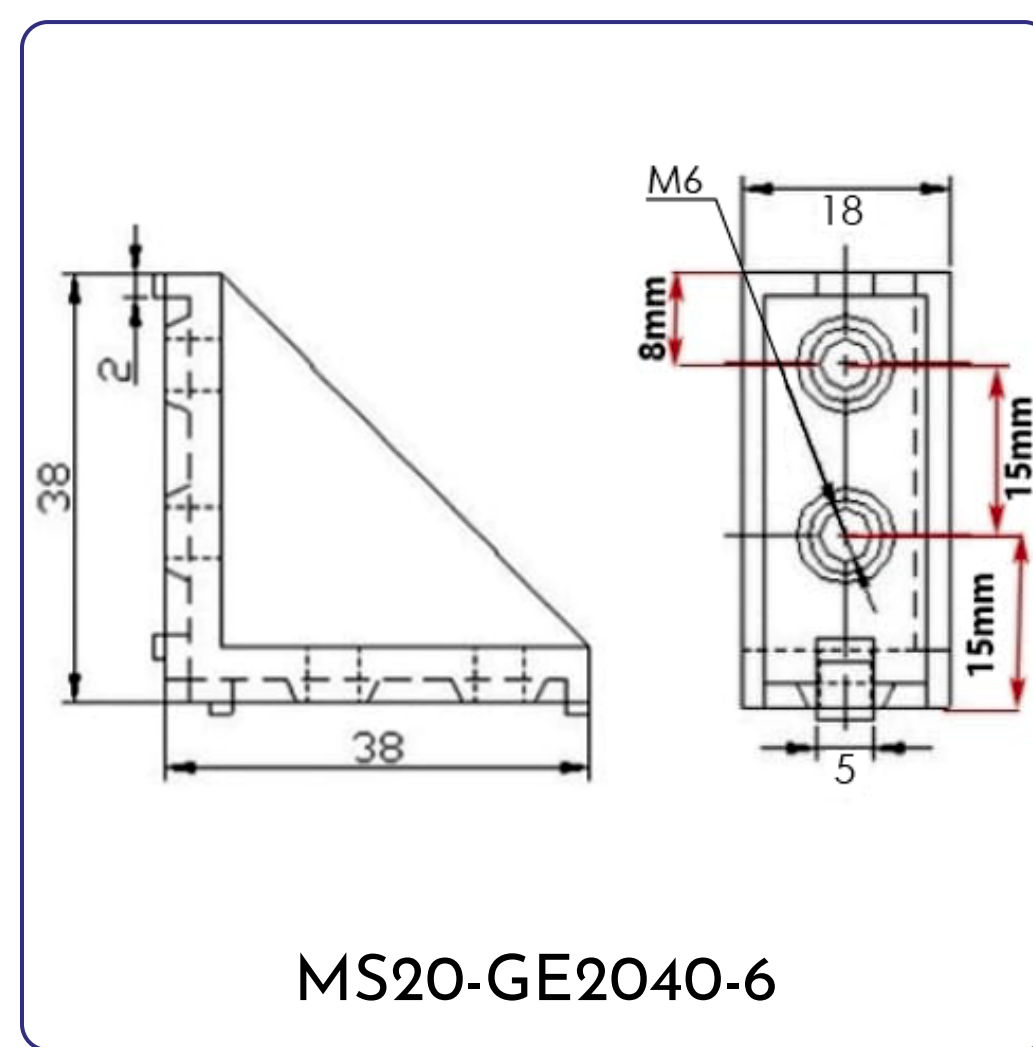
## Gusset Element 2028



Part No	Weight (g)
MS20-GE2028-6	13

Material: **Die Cast Aluminium**

## Gusset Element 2040

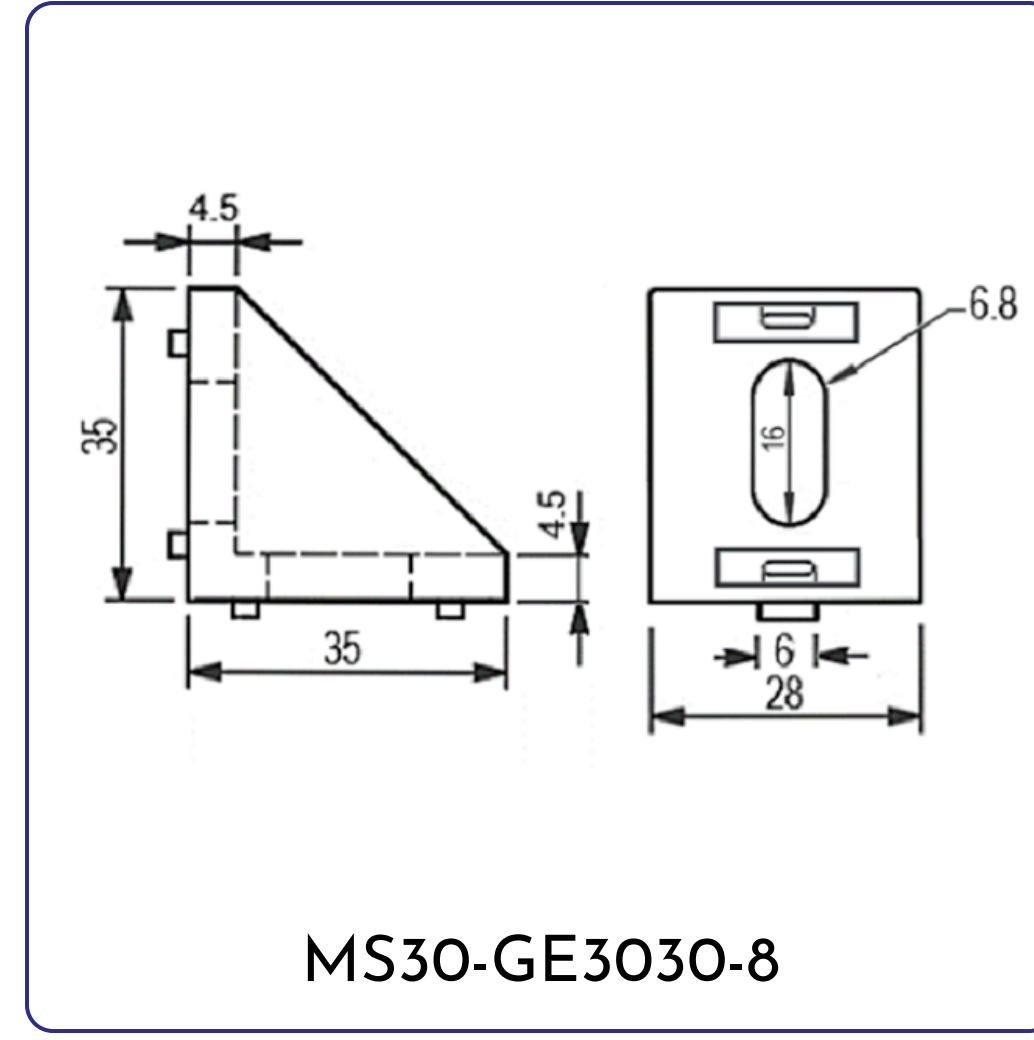


Part No	Weight (g)
MS20-GE2040-6	16

Material: **Die Cast Aluminium**



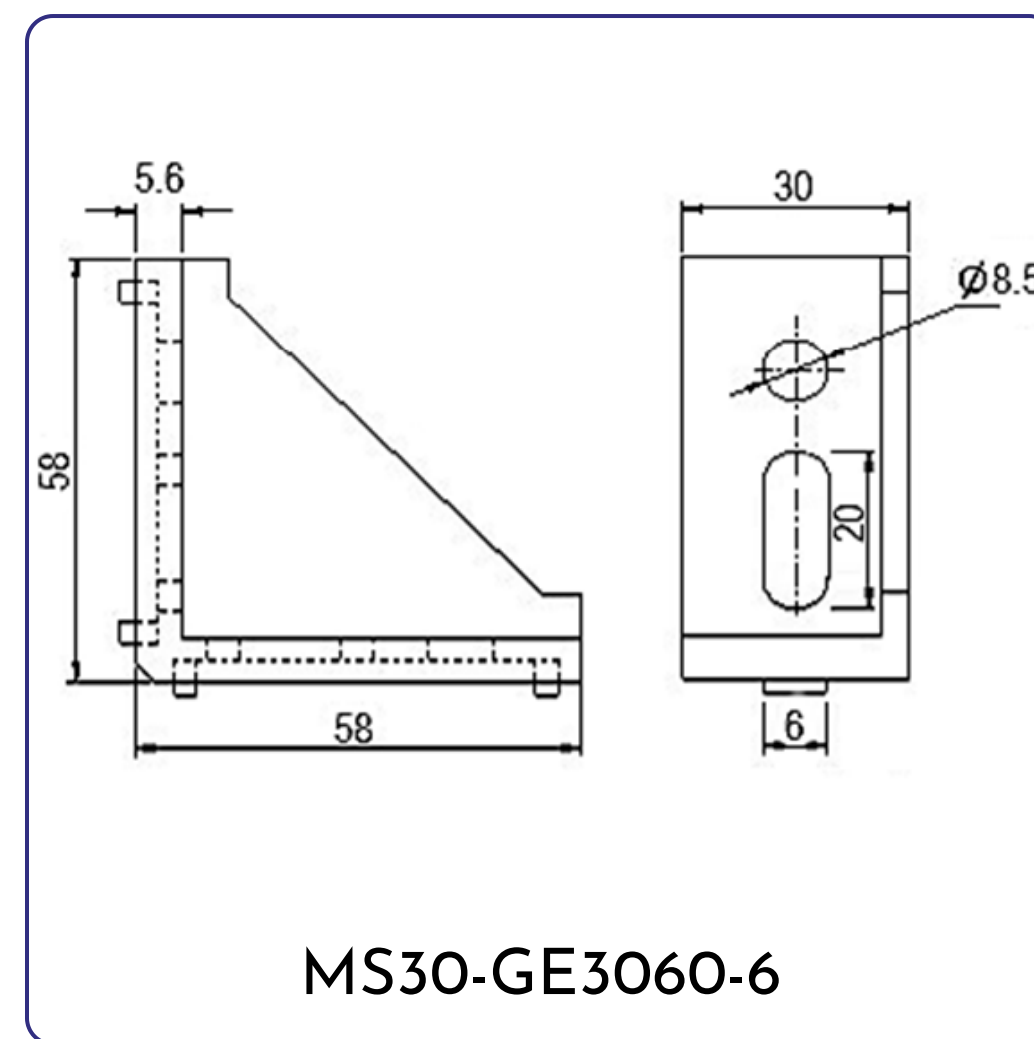
## Gusset Element 3030



Part No	Weight (g)
MS30-GE3030-8	22

Material: **Die Cast Aluminium**

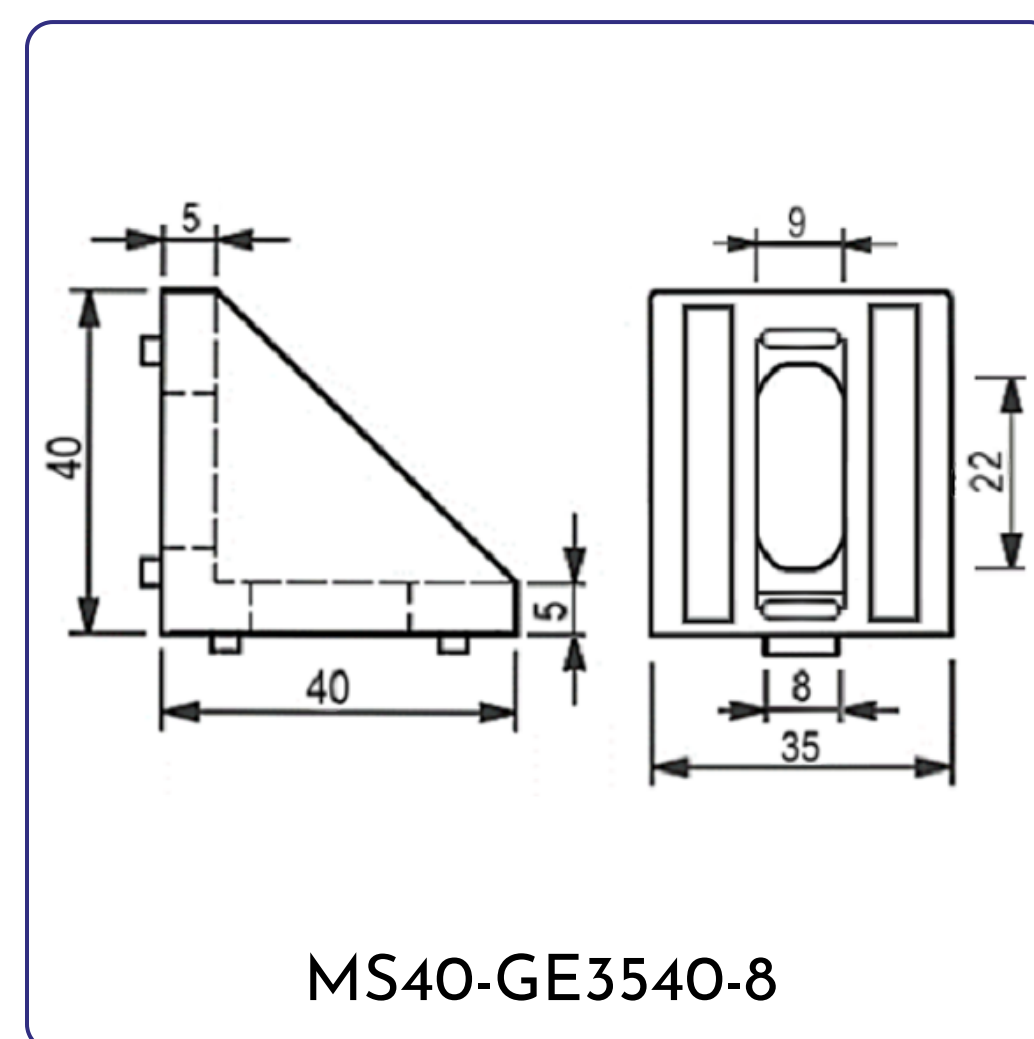
## Gusset Element 3060



Part No	Weight (g)
MS30-GE3060-6	43

Material: **Die Cast Aluminium**

## Gusset Element 3540



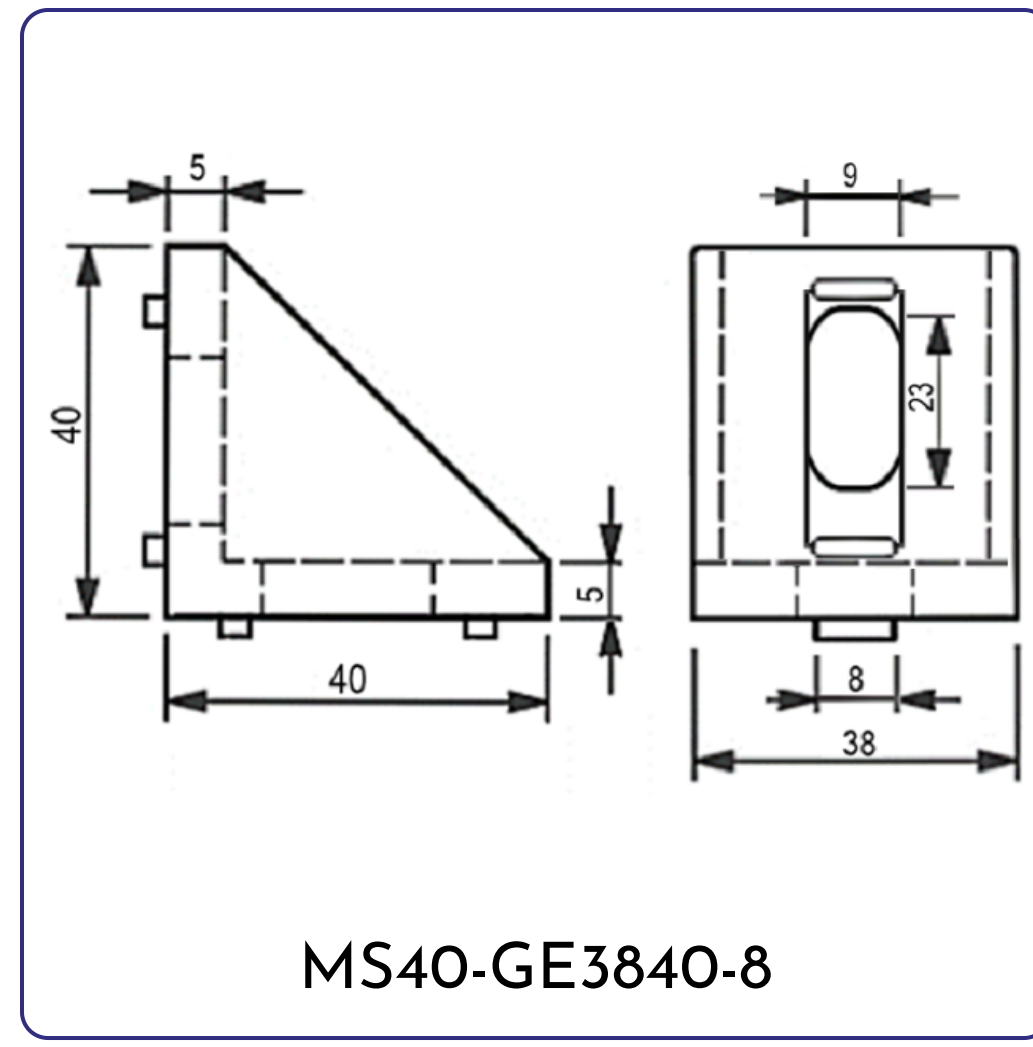
Part No	Weight (g)
MS40-GE3540-8	40

Material: **Die Cast Aluminium**



# GUSSET ELEMENTS

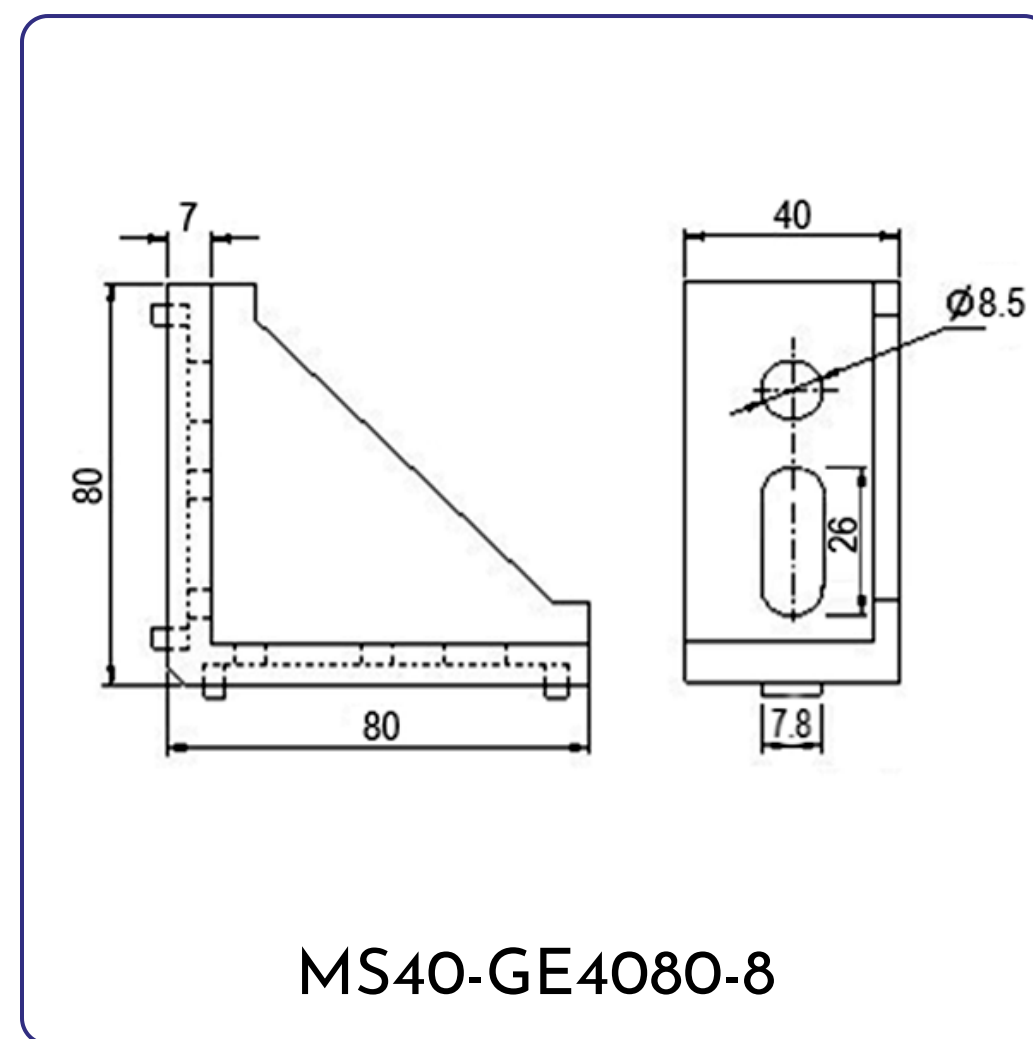
## Gusset Element 3840



Part No	Weight (g)
MS40-GE3840-8	42

Material: **Die Cast Aluminium**

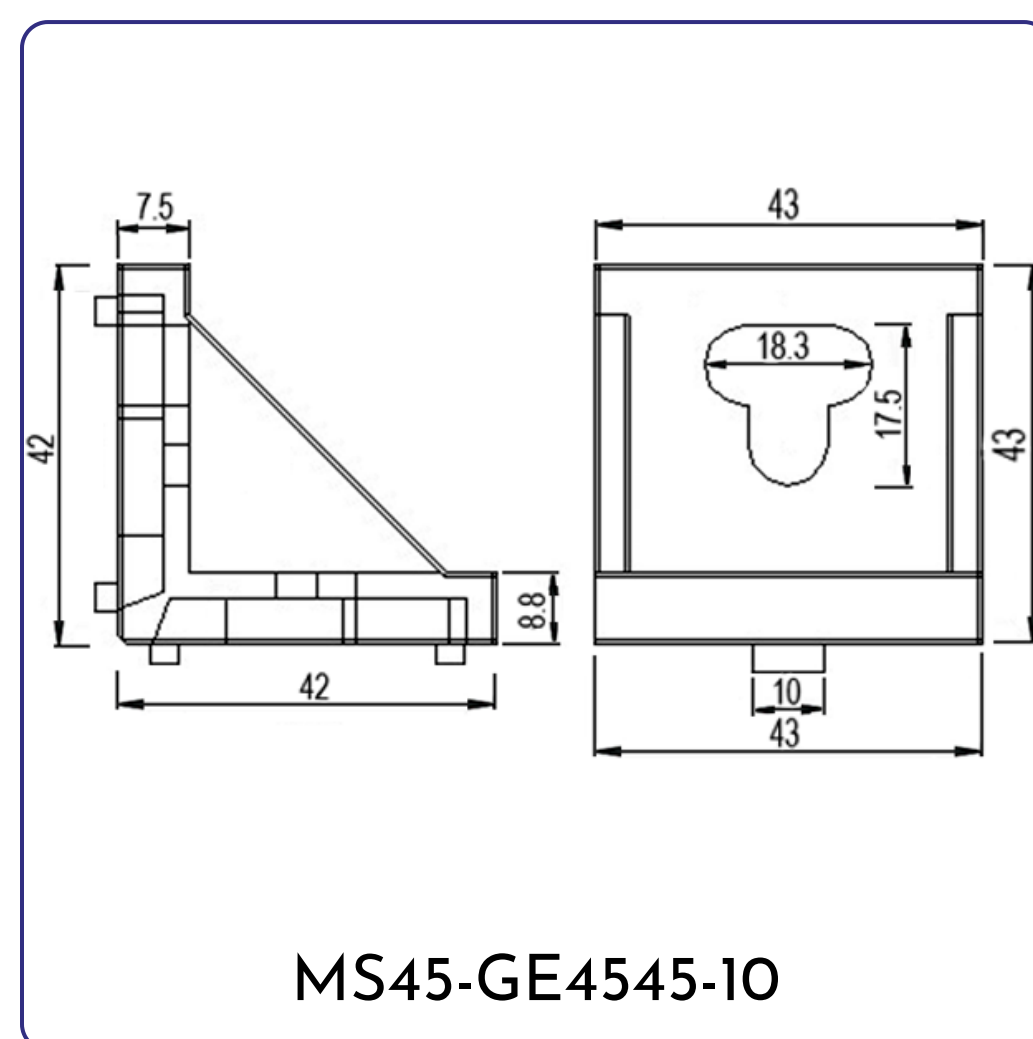
## Gusset Element 4080



Part No	Weight (g)
MS40-GE4080-8	140

Material: **Die Cast Aluminium**

## Gusset Element 4545

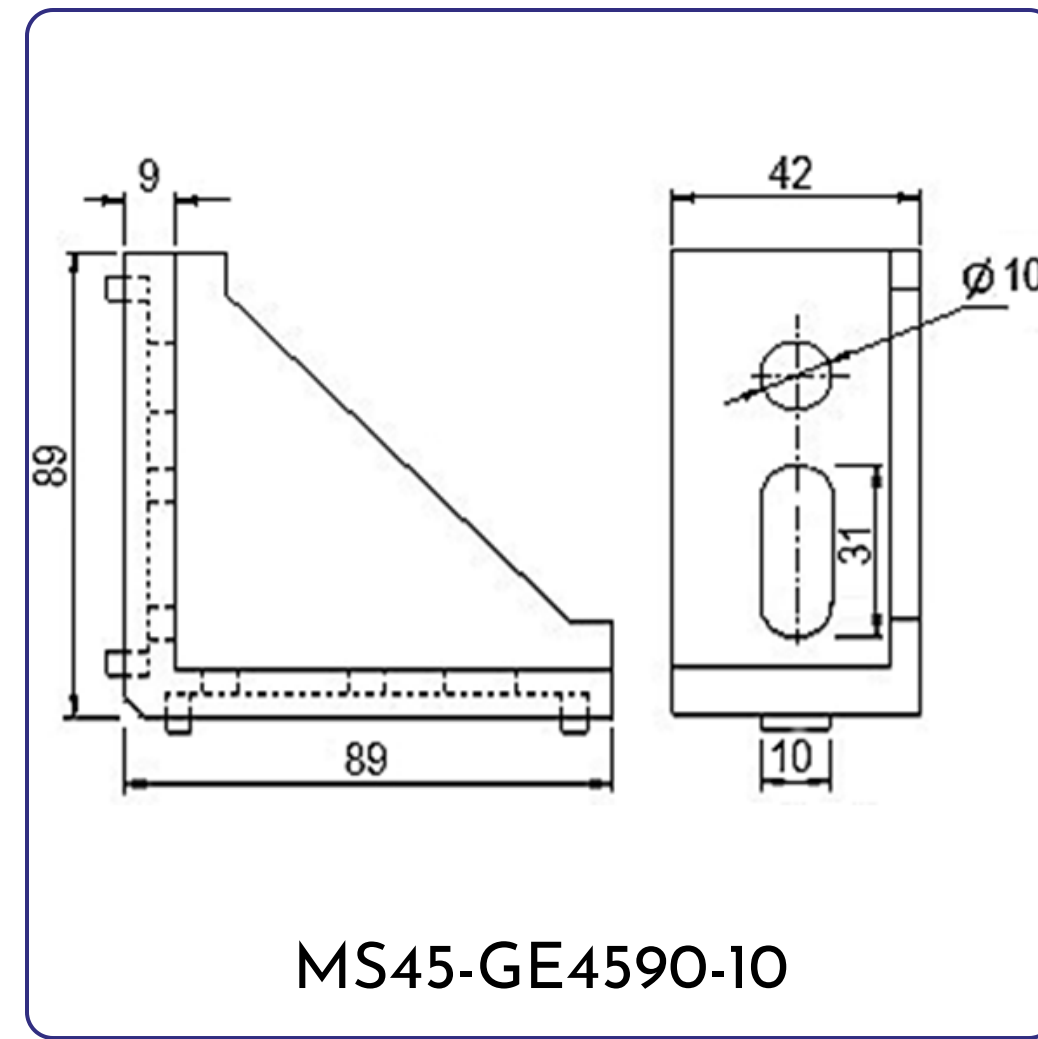


Part No	Weight (g)
MS45-GE4545-10	46

Material: **Die Cast Aluminium**



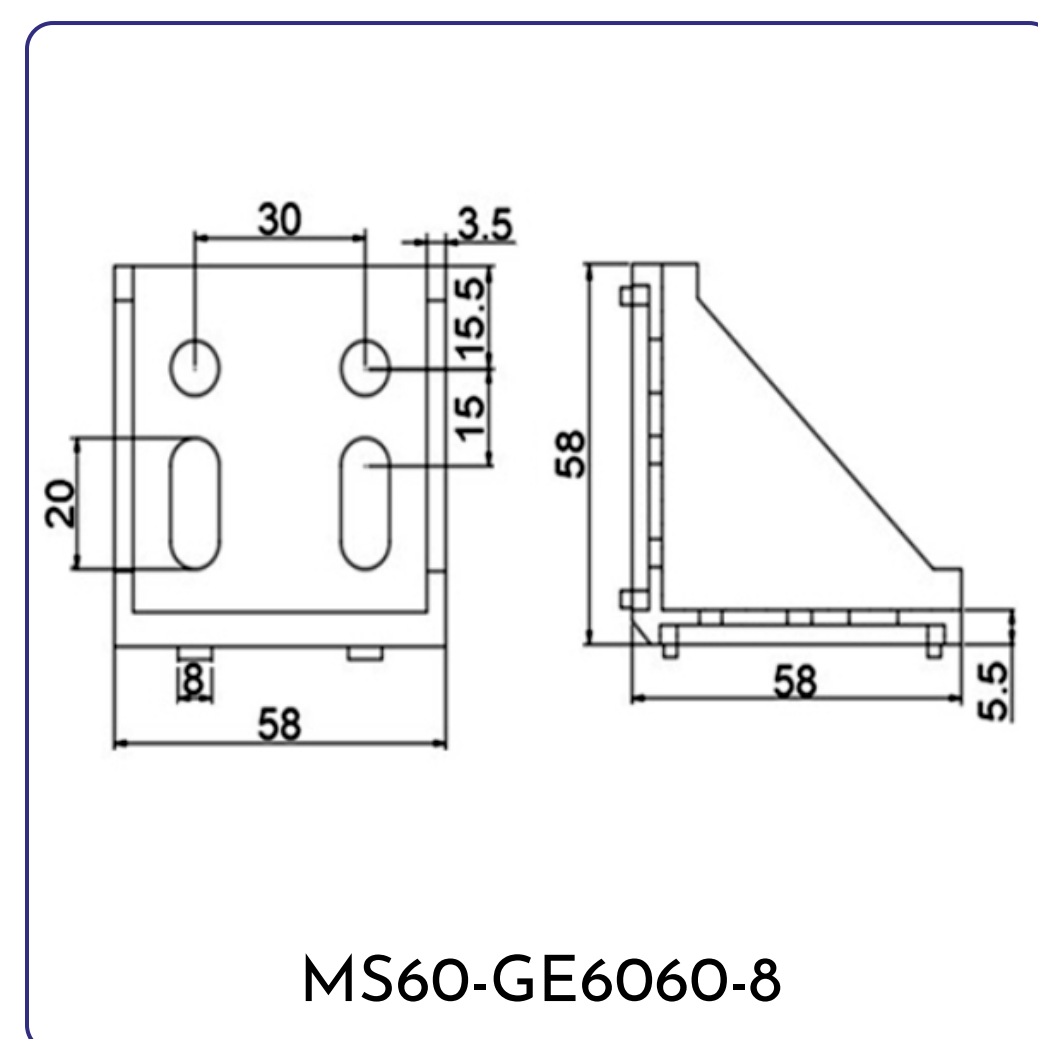
## Gusset Element 4590



Part No	Weight (g)
MS45-GE4590-10	58

Material: **Die Cast Aluminium**

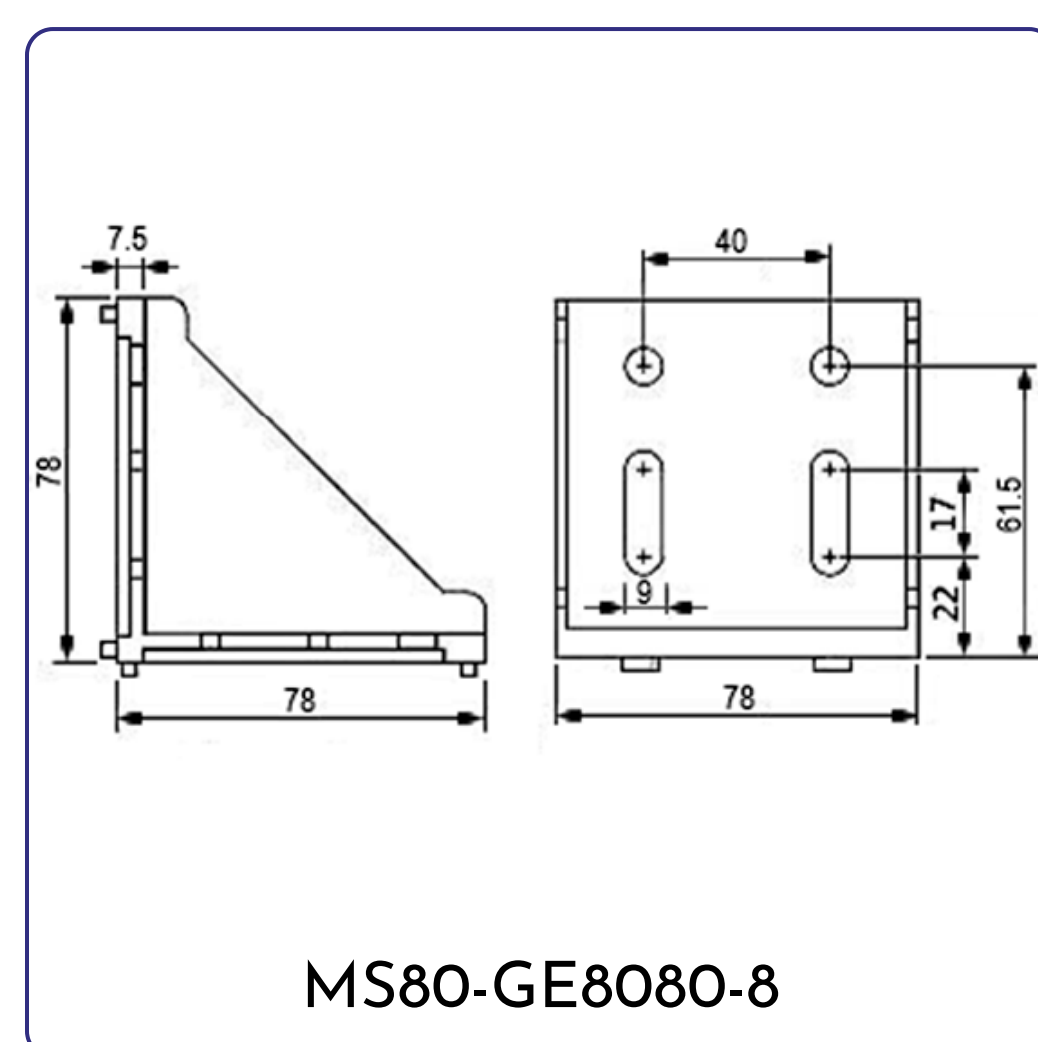
## Gusset Element 6060



Part No	Weight (g)
MS60-GE6060-8	77

Material: **Die Cast Aluminium**

## Gusset Element 8080

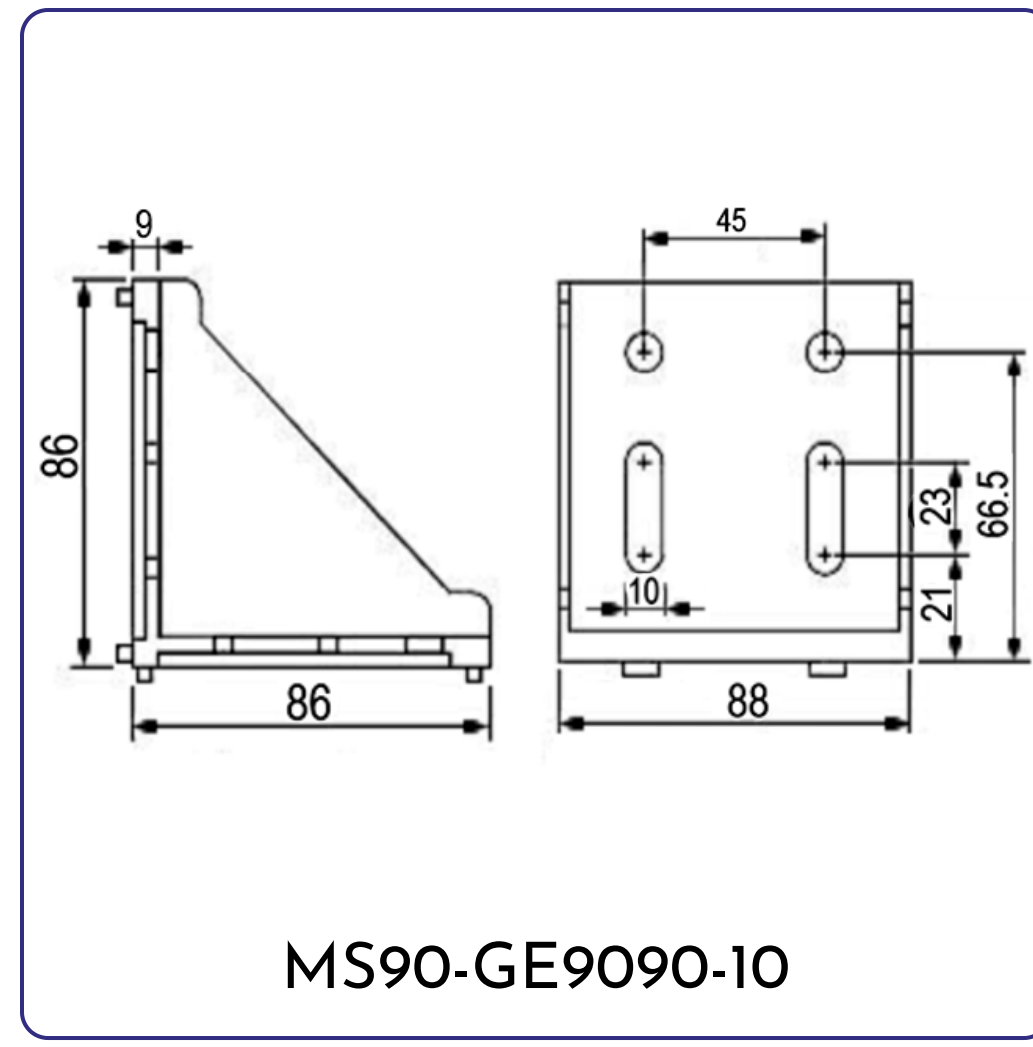


Part No	Weight (g)
MS80-GE8080-8	200

Material: **Die Cast Aluminium**



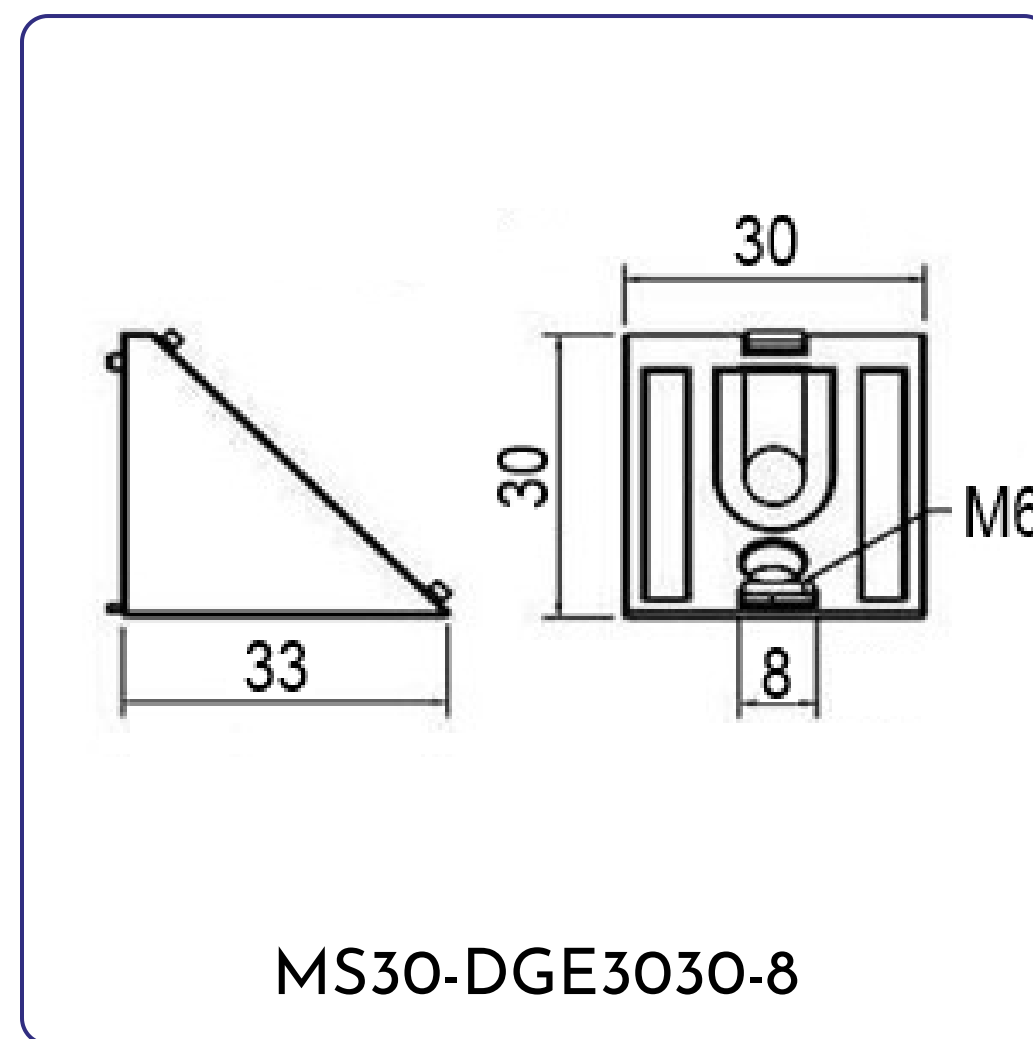
## Gusset Element 9090



Part No	Weight (g)
MS90-GE9090-10	370

Material: **Die Cast Aluminium**

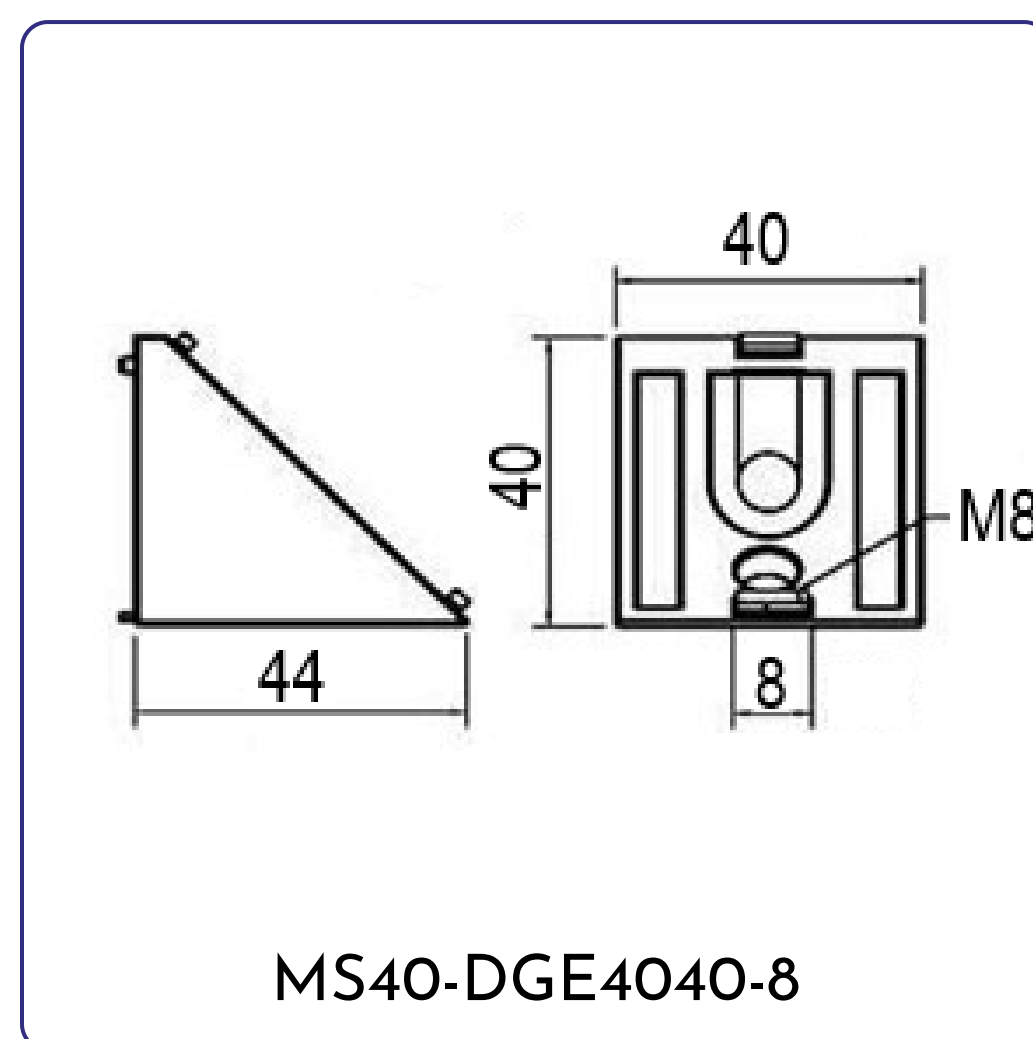
## 45 Degree Gusset Element 3030



Part No	Weight (g)
MS30-DGE3030-8	26

Material: **Die Cast Aluminium**

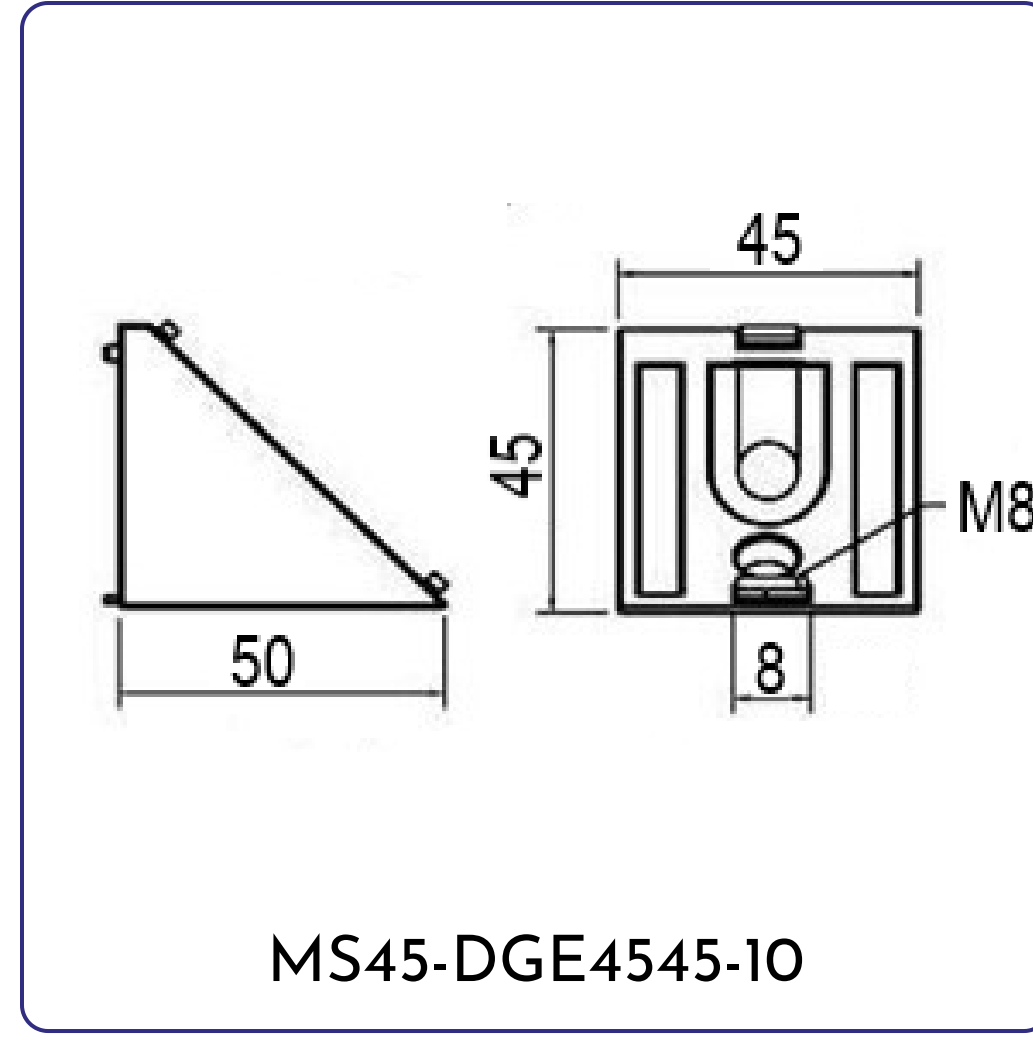
## 45 Degree Gusset Element 4040



Part No	Weight (g)
MS40-DGE4040-8	56

Material: **Die Cast Aluminium**

## 45 Degree Gusset Element 4545



Part No	Weight (g)
MS45-DGE4545-10	79

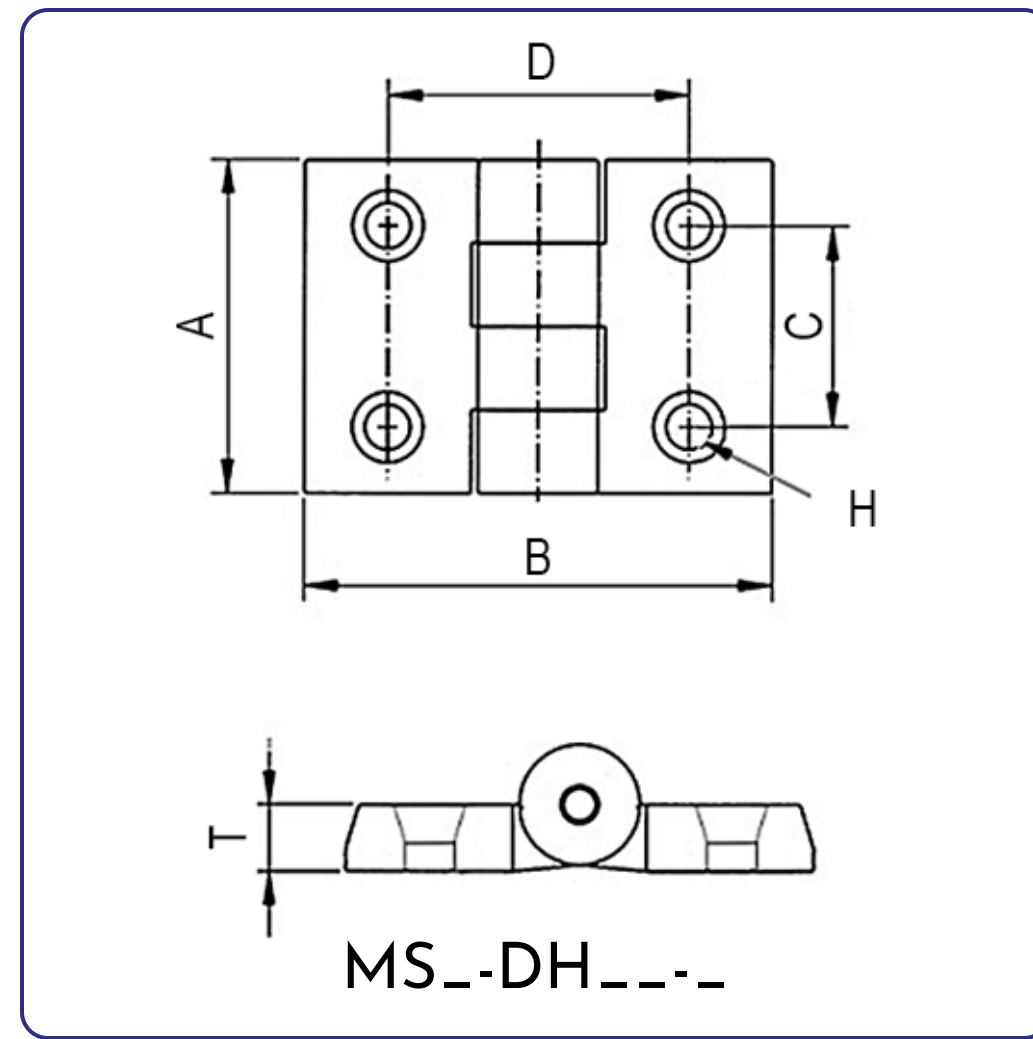
Material: **Die Cast Aluminium**



# **PANEL HINGES & ACCESSORIES**



Door Hinge



Series	Part No	Material	Color	T	A	B	C	D	H
20	MS20-DH2020-4	Nylon	Black	4.2	31	40	14	20	4.5
30	MS30-DH3030-6	Nylon	Black	7.6	45	51	23	30	6.8
	MS30-DH3030-6-AC	Alu. Cast	Grey	6.8	40	51	23	30	6.7
40	MS40-DH4040-6	Nylon	Black	8	50	70	30	40	6.8
	MS40-DH4040-6-AC	Alu. Cast	Grey	7	44	63	25	40	6.8

Colour: **Black** **Grey**

Material: **Nylon**

**Aluminium Cast**

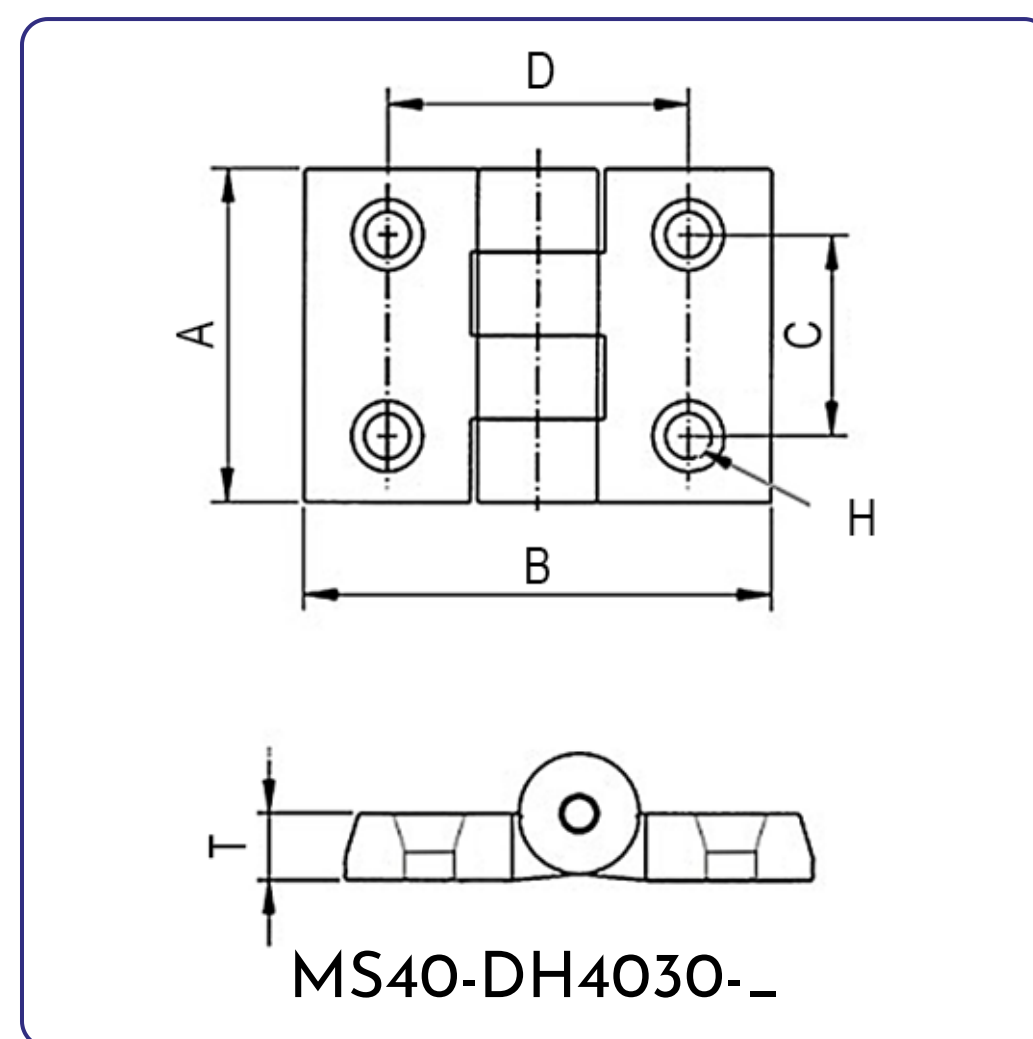
2020 use for 20 Series Aluminium Profile with C' Sunk Screw M4x10 and Rhombus Nut MS20-RBNM4-6 or Half Round Nut MS20-HRNM4-6

3030 use for 30 Series Aluminium Profile with C' Sunk Screw M6x16 and Rhombus Nut MS30-RBNM6-8 or Half Round Nut MS30-HRNM6-8

4040 use for 40 Series Aluminium Profile with C' Sunk Screw M6x20 and Rhombus Nut MS40-RBNM6-8 or Half Round Nut MS40-HRNM6-8

\*Exception: MS40-DH4040-6-AC uses C' Sunk Screw M6x16

Door Hinge 4030



Series	Part No	Material	Colour	T	A	B	C	D	H
40	MS40-DH4030-6	Nylon	Black	7.8	46	59	25	35	6.7
	MS40-DH4030-6-AC	Alu. Cast	Grey	7	45	60	25	35	6.2

Colour: **Black** **Grey**

Material: **Nylon**

**Aluminium Cast**

Hinge for connecting 40 Series profile to 30 Series profile

Used with C' Sunk Screw M6x16 as well as:

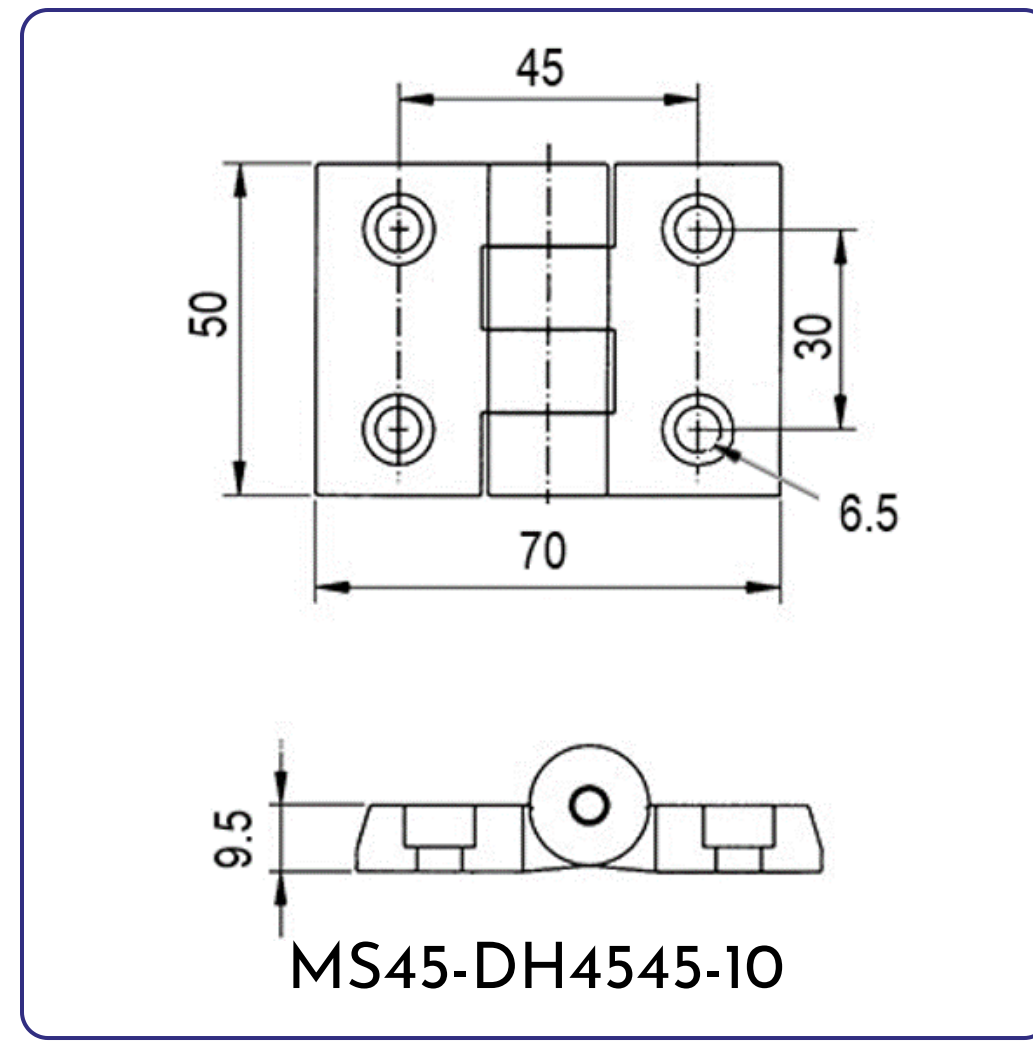
Rhombus Nut MS30-RBNM6-8 for 30 Series Profile & MS40-RBNM6-8 for 40 Series Profile

---or---

Half Round Nut MS30-HRNM6-8 for 30 Series Profile & MS40-HRNM6-8 for 40 Series Profile



Door Hinge 4545



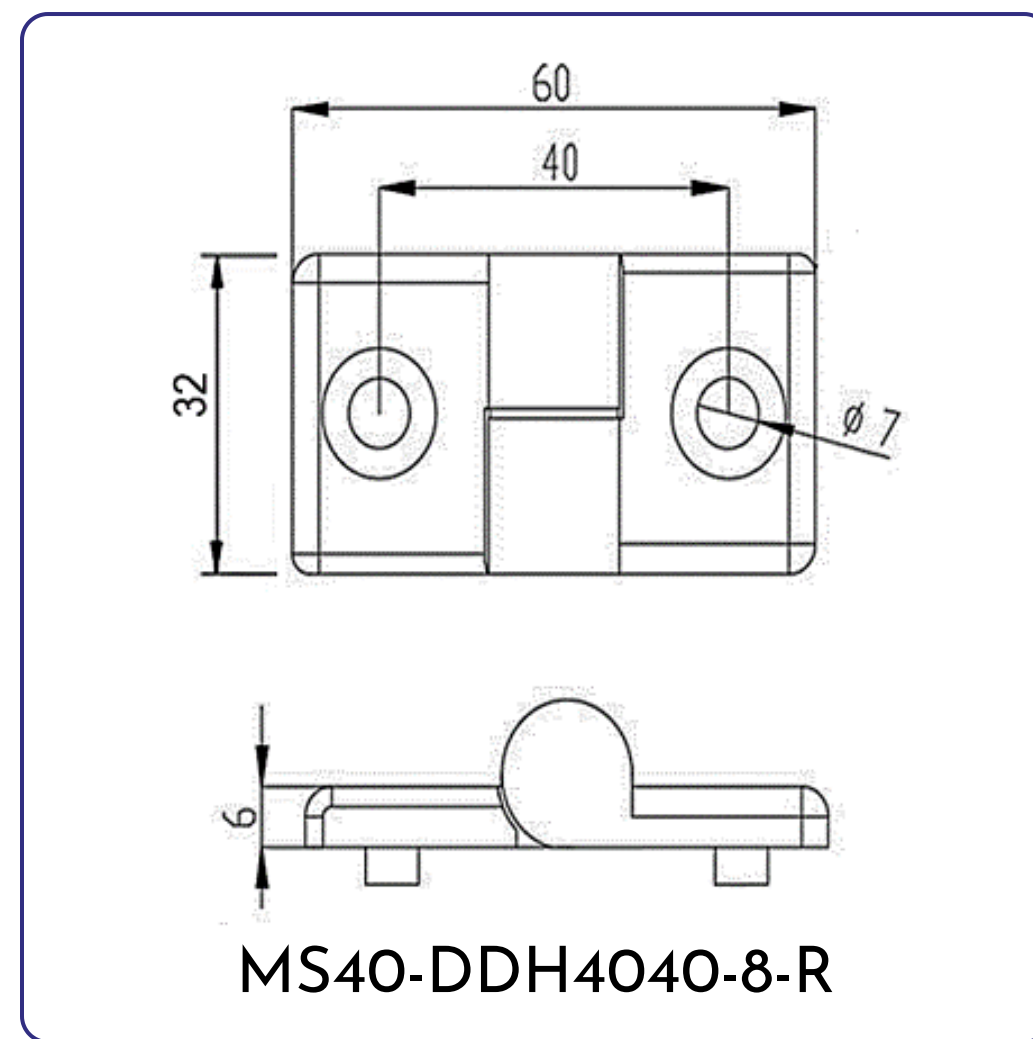
Series	Part No
45	MS45-DH4545-10

Colour: **Black**

Material: **Nylon**

Use for 45 Series Aluminium Profile with S.H.C. Bolt M6x16 and Rhombus Nut MS45-RBNM6-10 / Half Round Nut MS45-HRN6-10

Detachable Door Hinge 4040



Series	Part No	Weight(g)
40	MS40-DDH4040-8-L	20
	MS40-DDH4040-8-R	

Colour: **Black**

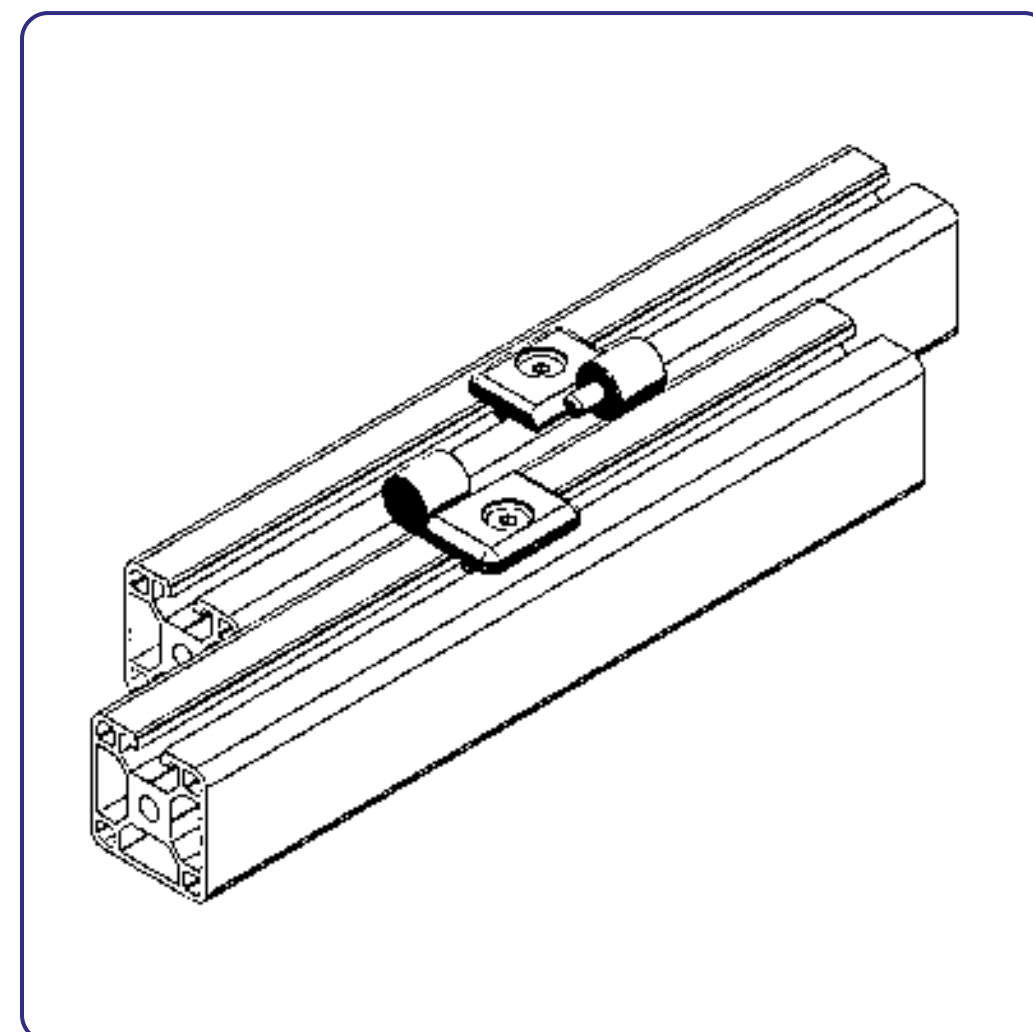
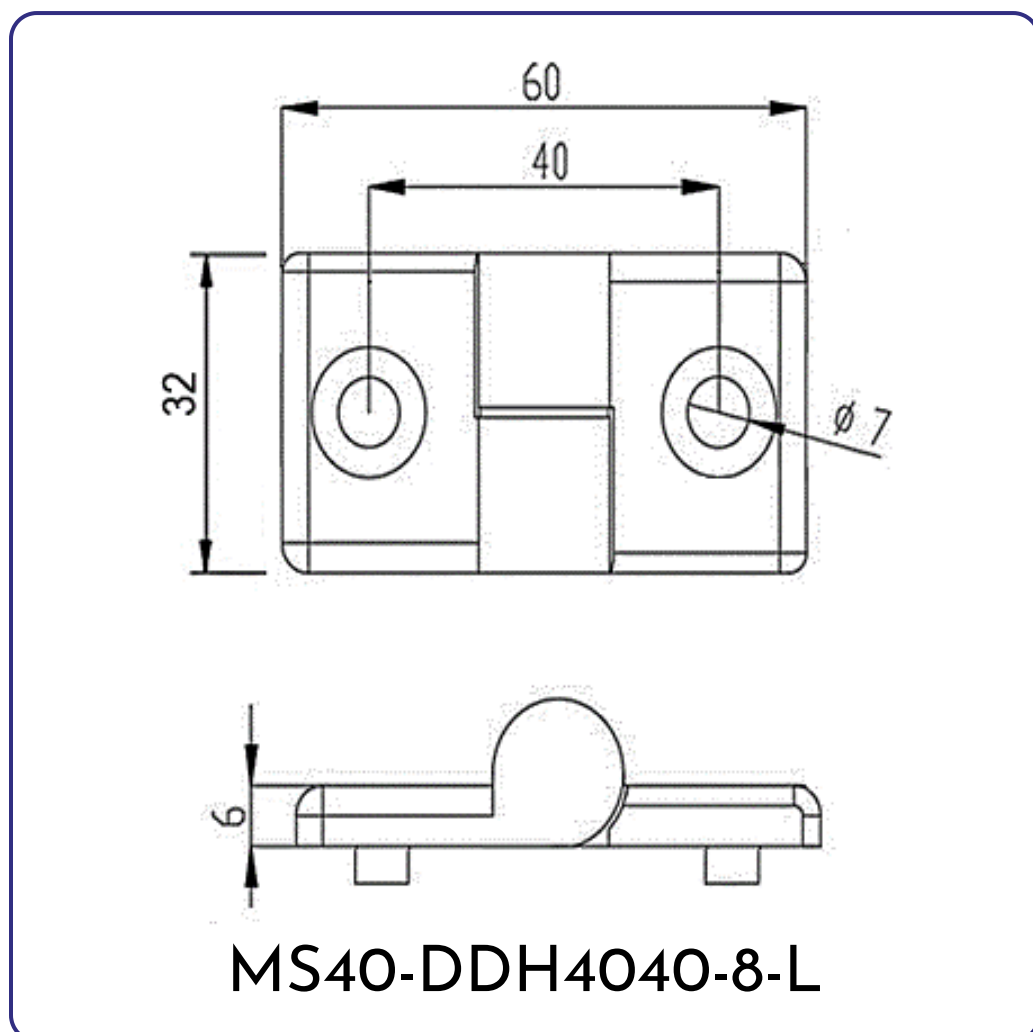
Material: **Nylon**

Use for 40 Series Profile

MS40-DDH4040-6-L for Left side mounting

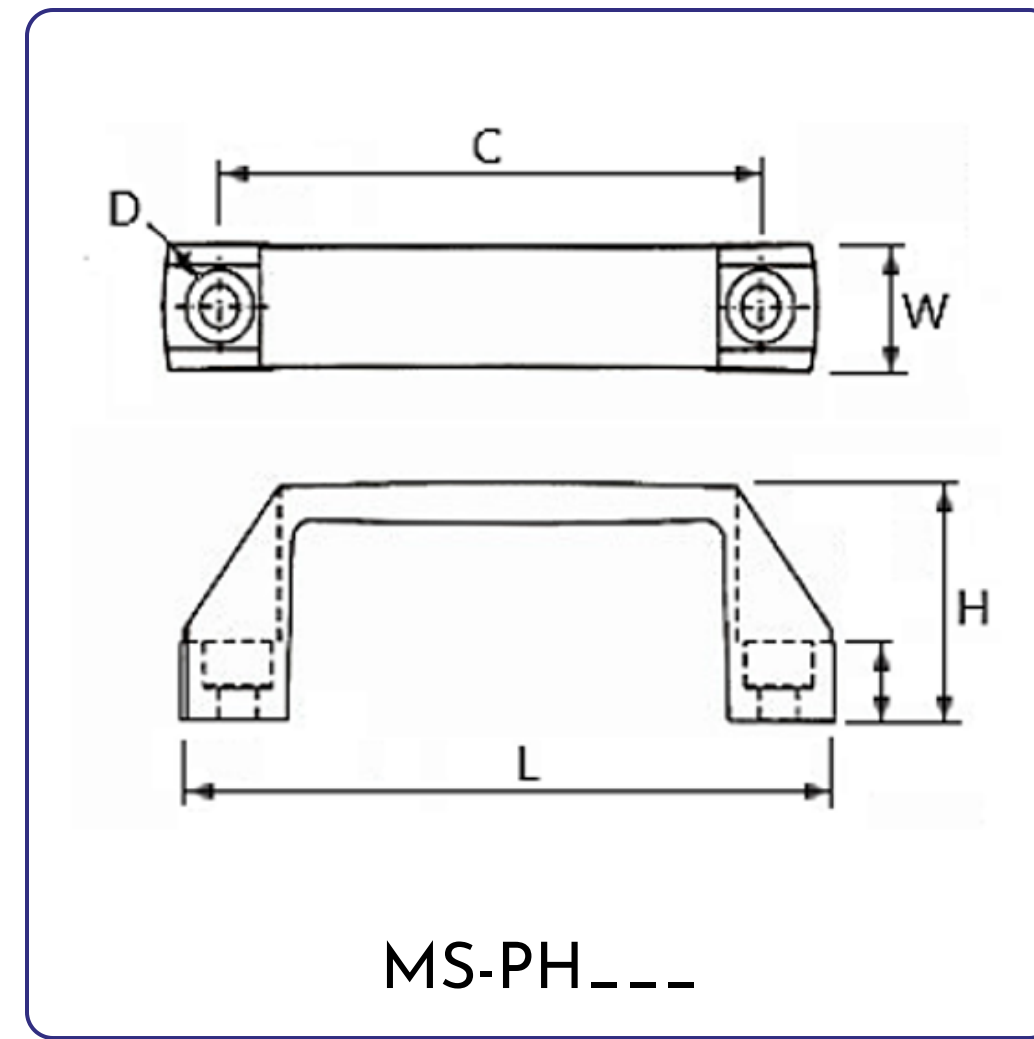
MS40-DDH4040-6-R for Right side mounting

Use with Countersunk screw M6x16 and Rhombus Nut MS40-RBNM6-8





## PVC Handle



Part No	C	L	D	W	H	B	Weight(g)
MS-PHM690	90	110	6.5	20	37	5.4	30
MS-PHM8120	120	140	8.5	25	40	6.8	43
MS-PHM8150	150	170	8.5	28	45	6.8	50
MS-PHM8180	180	200	8.5	28	51	8.8	73

Colour: **Black**

Material: **PVC**

Use with Socket H. C. Bolt of length less with profile groove height plus B dimension

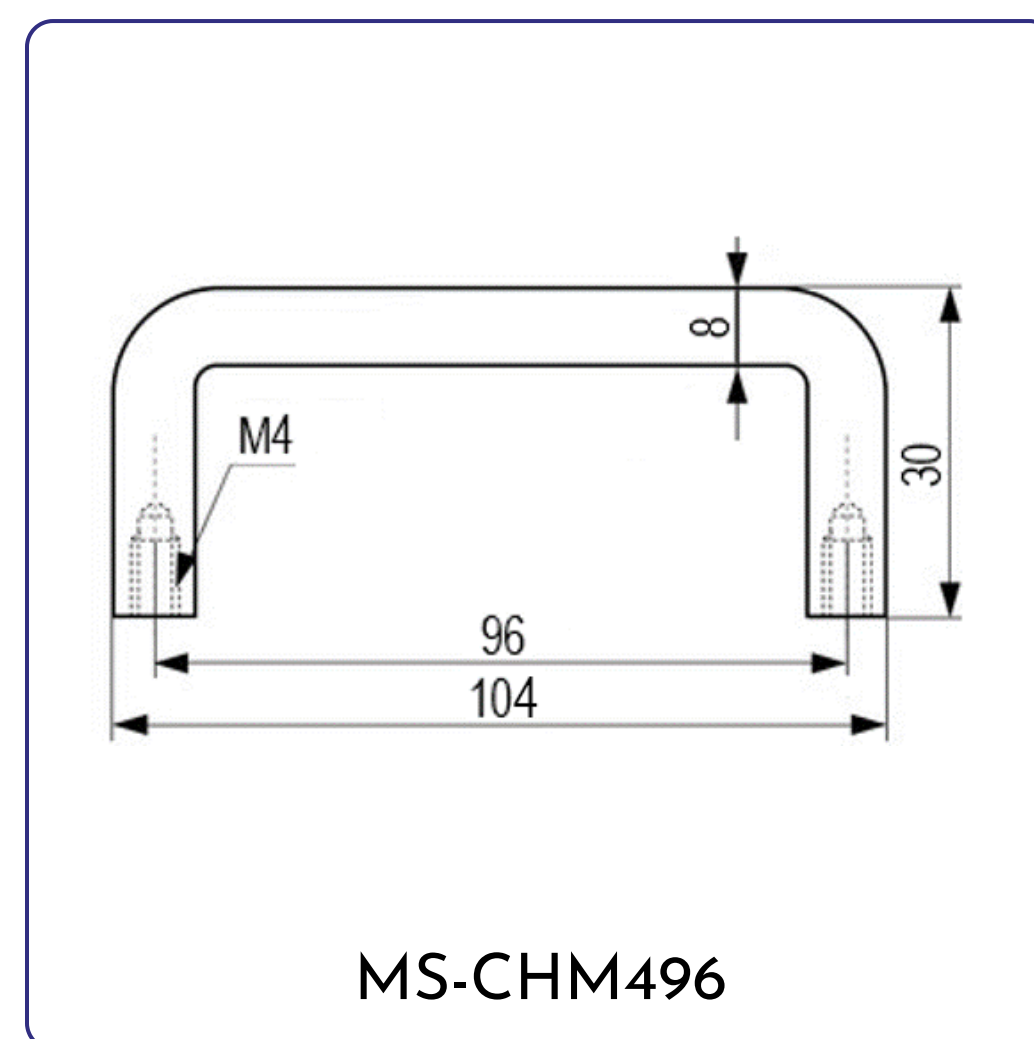
For 20 Series, use with S.H.C. Bolt M6 x <6mm + B

For 30 Series, use with S.H.C. Bolt M8 x <9.2mm + B

For 40 Series, use with S.H.C. Bolt M8 x <12.3mm + B

For 45 Series, use with S.H.C. Bolt M8 x <14.5mm + B

## Chrome Handle



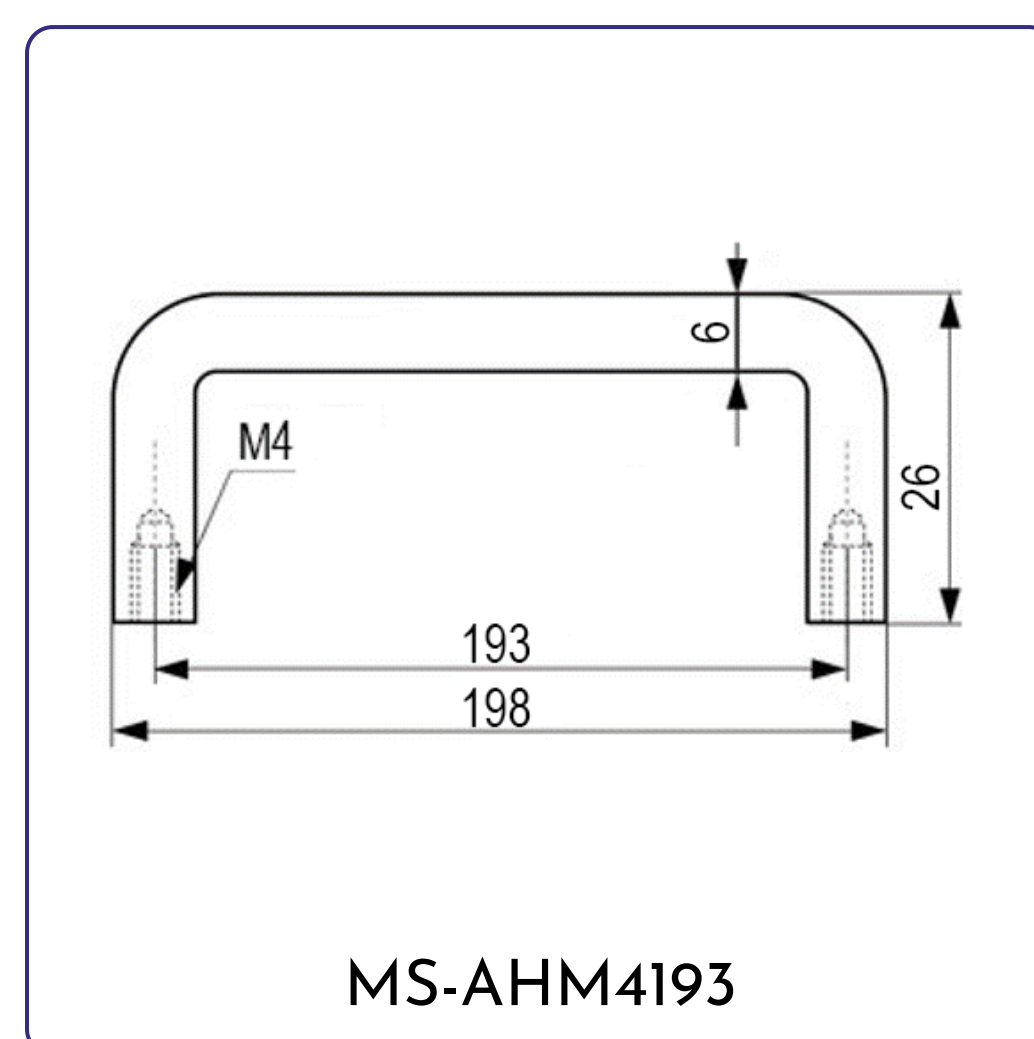
Part No	Weight(g)
MS-CHM496	57

Colour: **Silver**

Material: **Chrome**

Use with any screws or bolt of M4 size.

## Aluminium Handle



Part No	Weight(g)
MS-AHM4193	28

Colour: **Silver**

Material: **Aluminium**

Use with any screws or bolt of M4 size.



## Multi Block

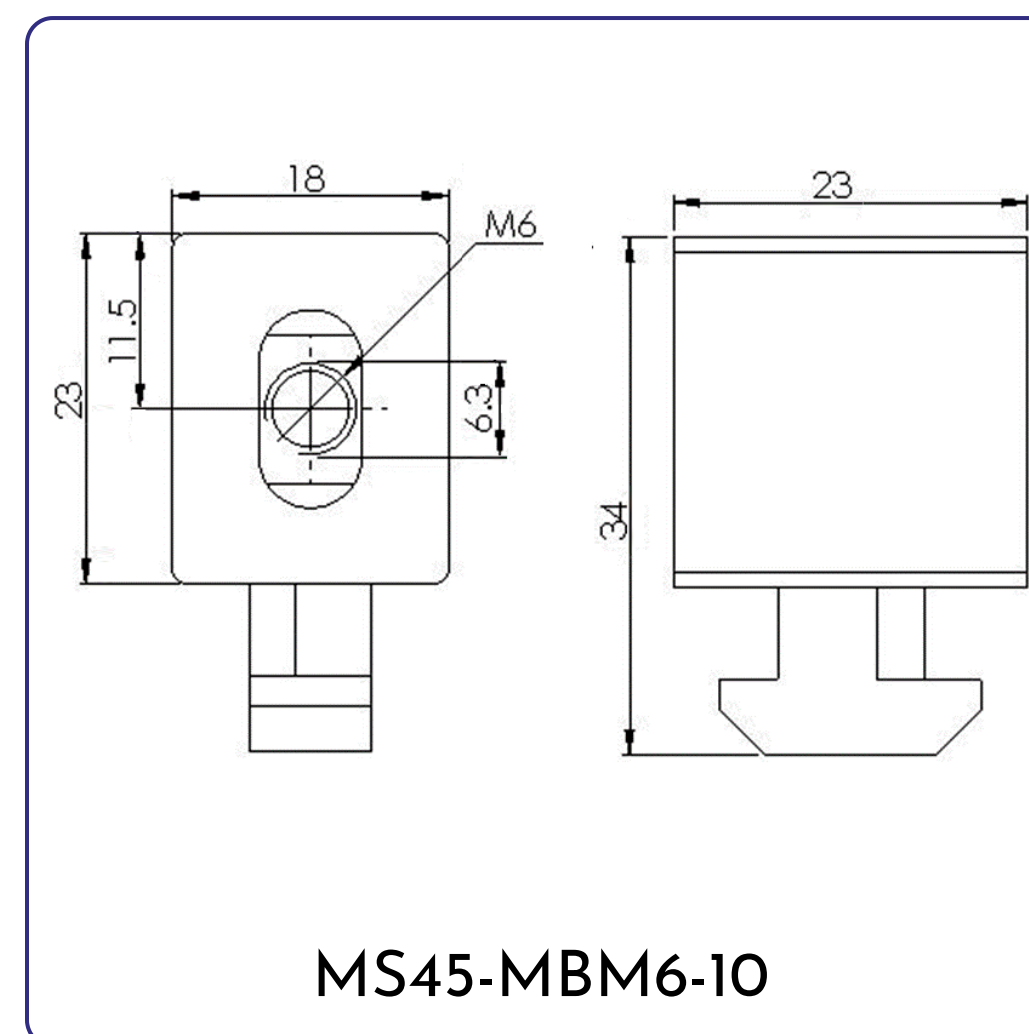
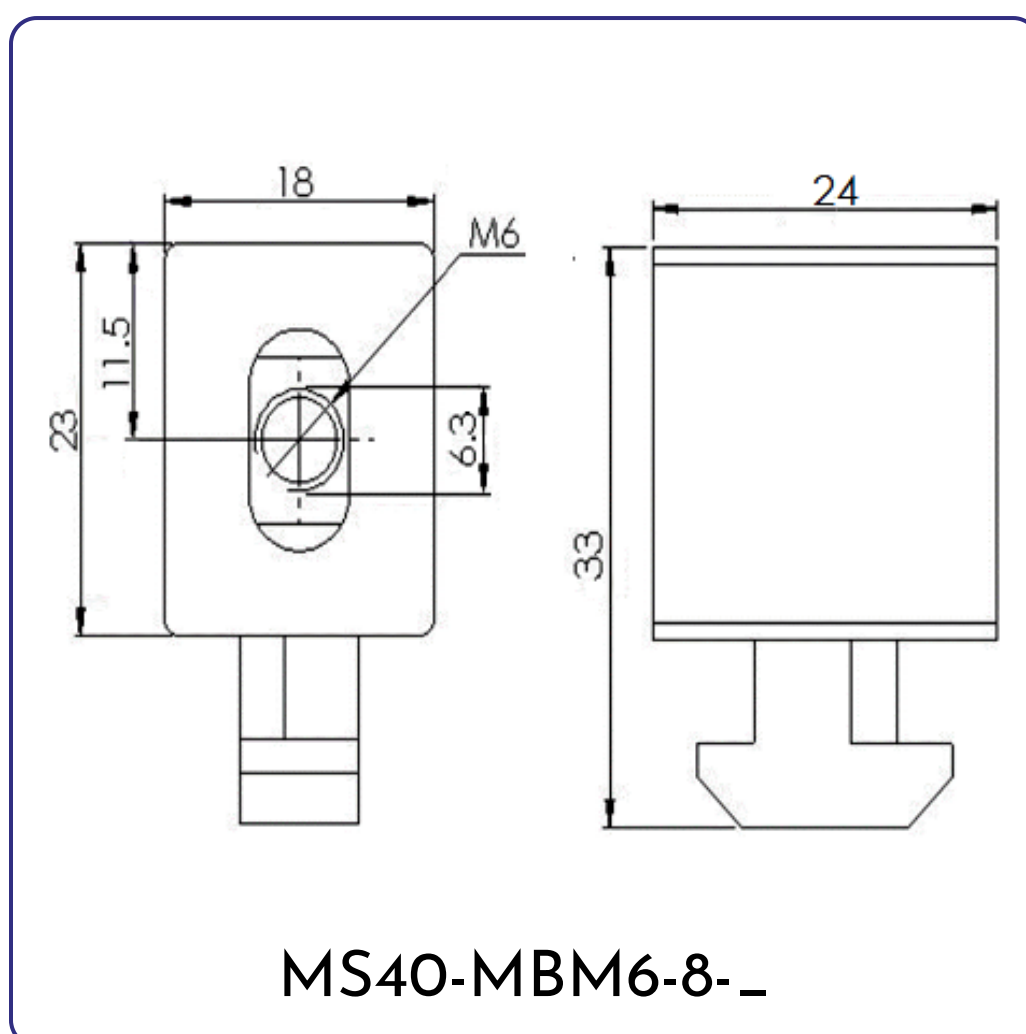
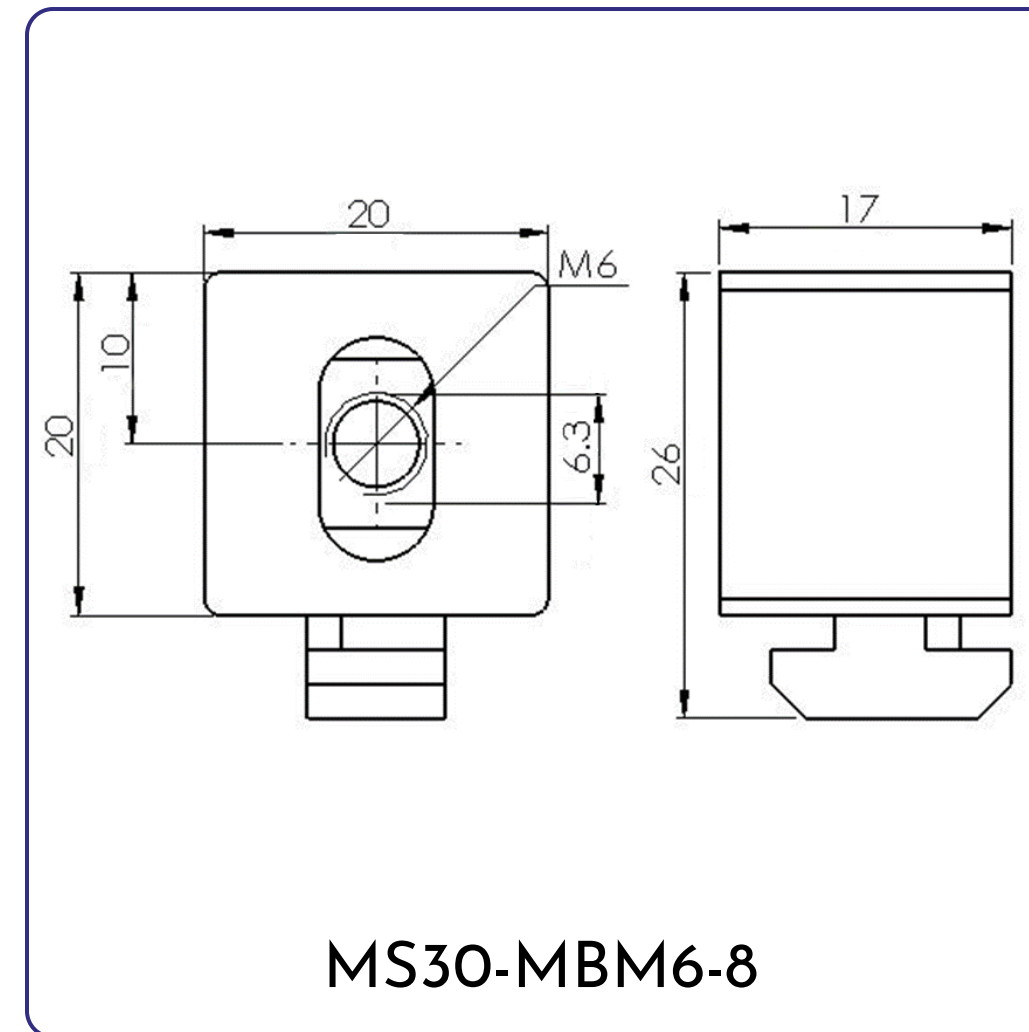
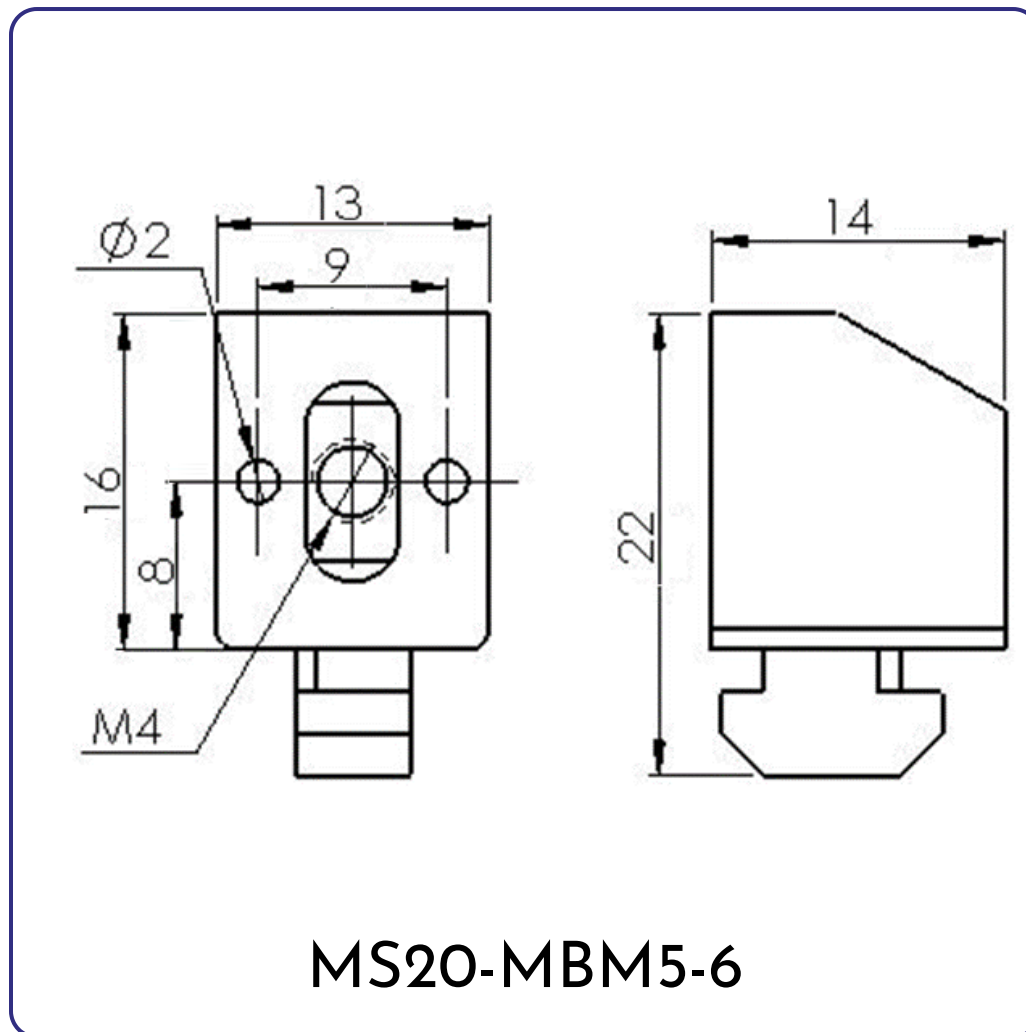


Series	Part No	Color	Weight(g)
20	MS20-MBM5-6	Clear	3
30	MS30-MBM6-8	Clear	7.4
40	MS40-MBM6-8	Clear	11
	MS40-MBM6-8-B	Black	
45	MS45-MBM6-10	Clear	12.6

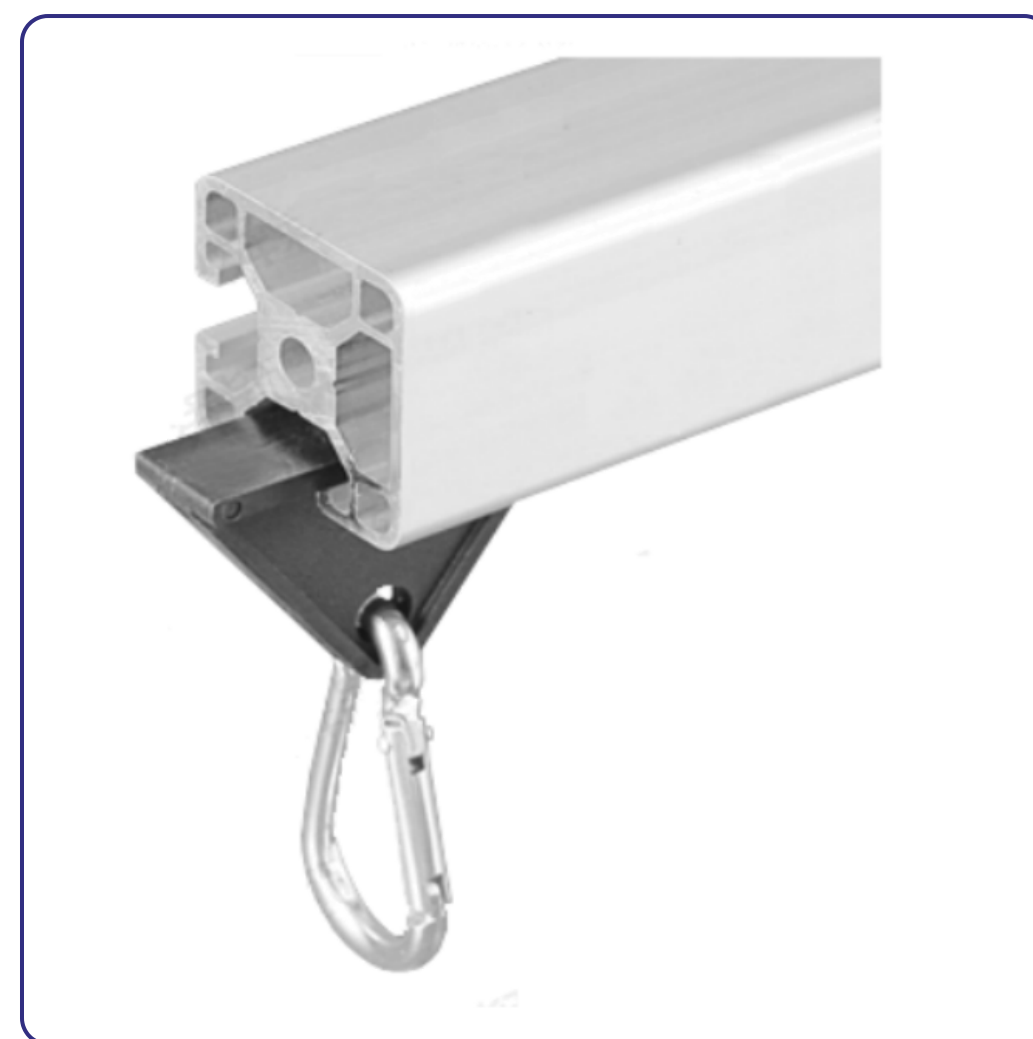
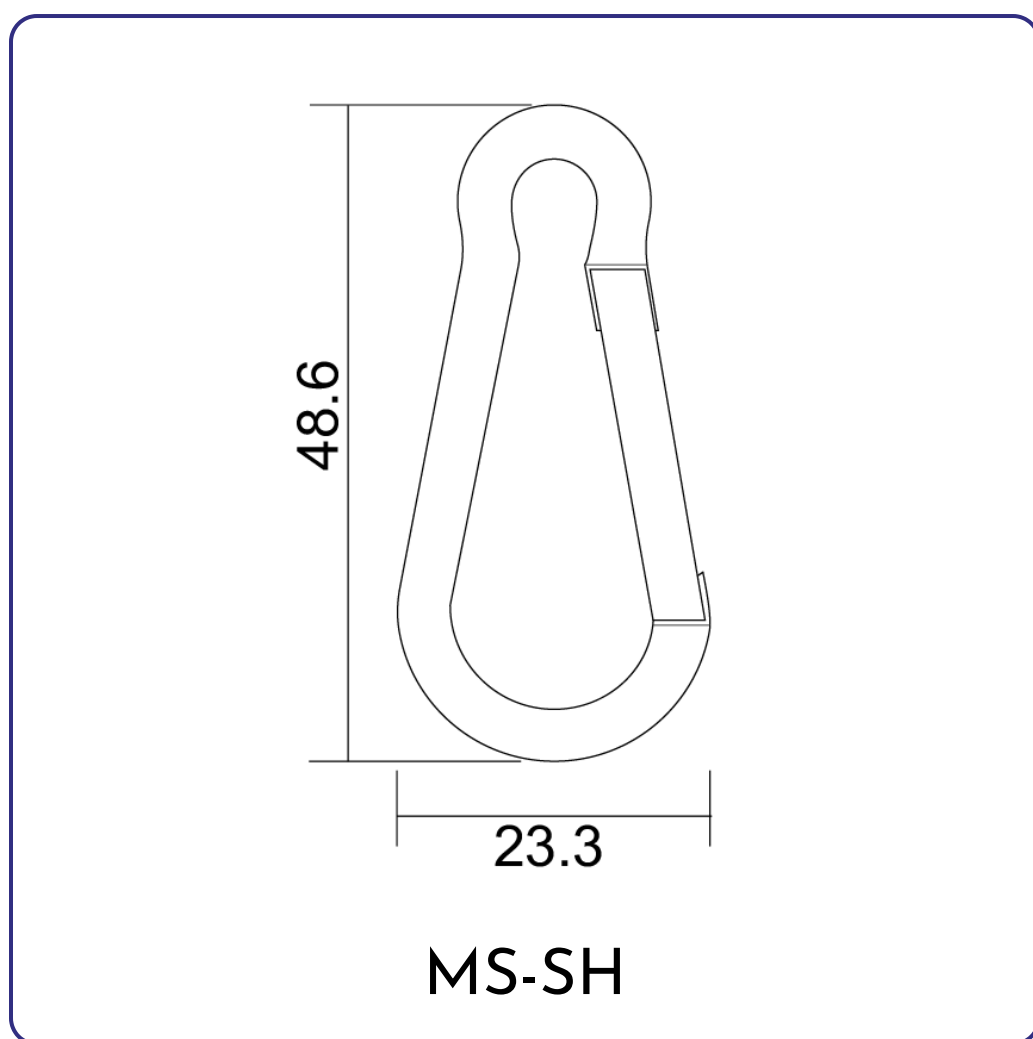
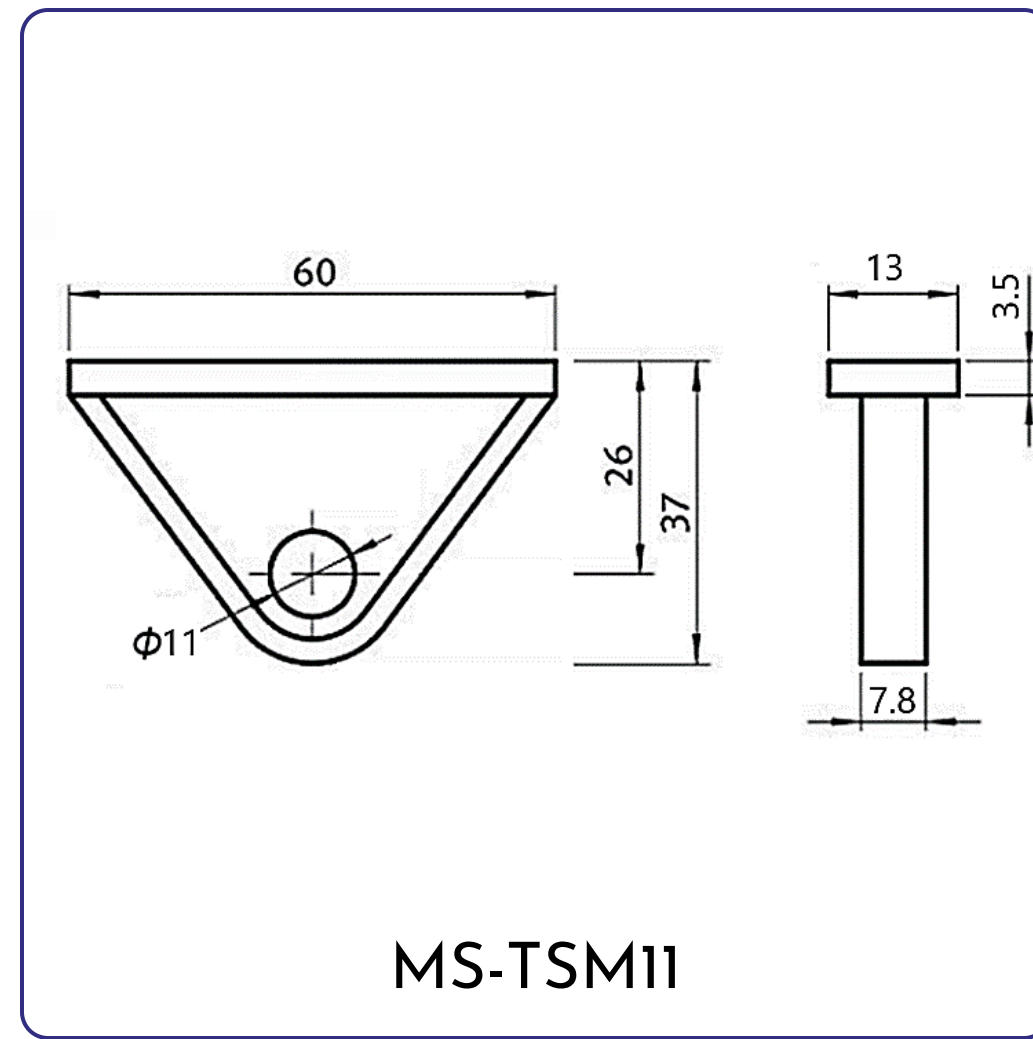
Colour: **Black** **Clear** Material: **Nylon**

For 20 Series, use with M5 bolt/screw; included with M5 Hex Nut.

For 30/40/45 Series, use with M6 bolt/screw; included with M6 Square Nut.



## Tool Slider & Snap Hook



Part No	Material	Weight(g)
MS-TSM11	Nylon	3
MS-SH	Natural Anodised Aluminium	7.4

Colour: **Black**

Material: **Nylon**

Natural Anodised Aluminium

Put in overhanging profile to use as tool holder

## Ball Catch

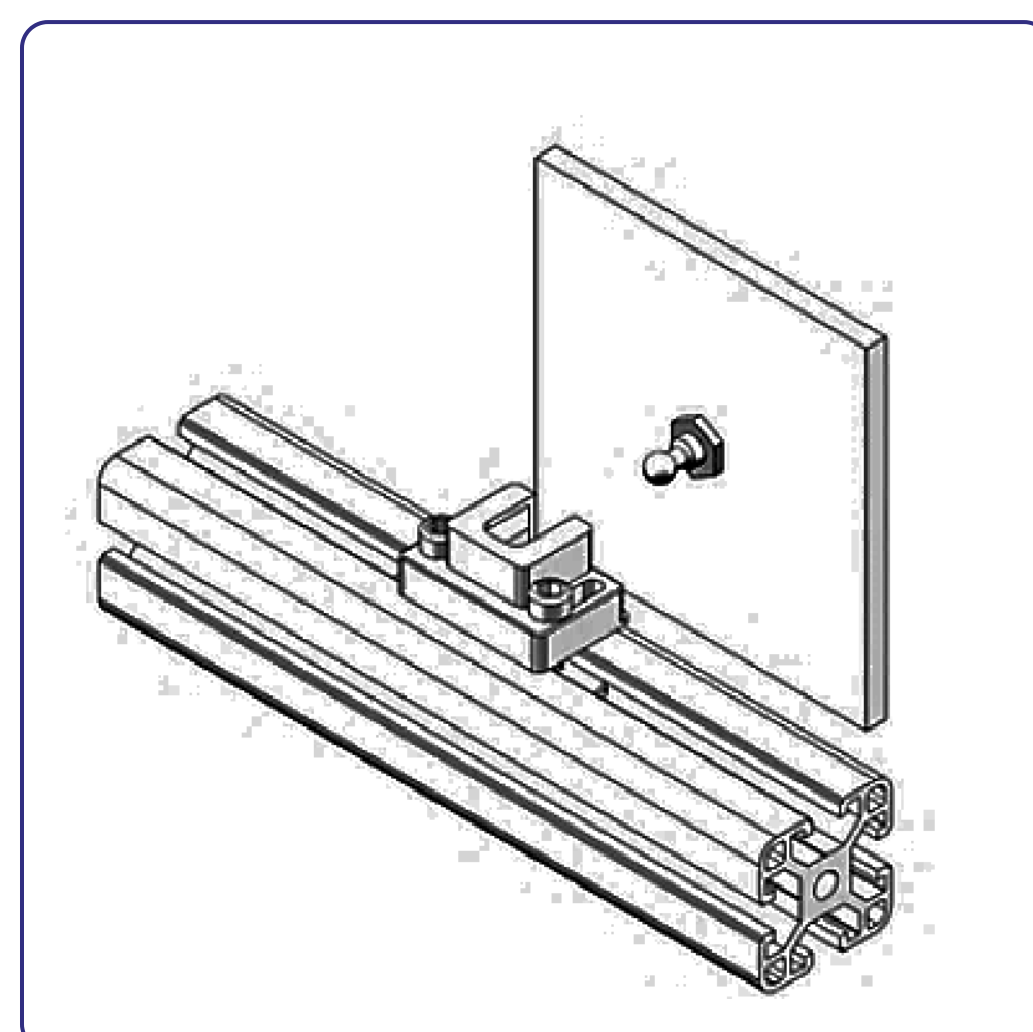
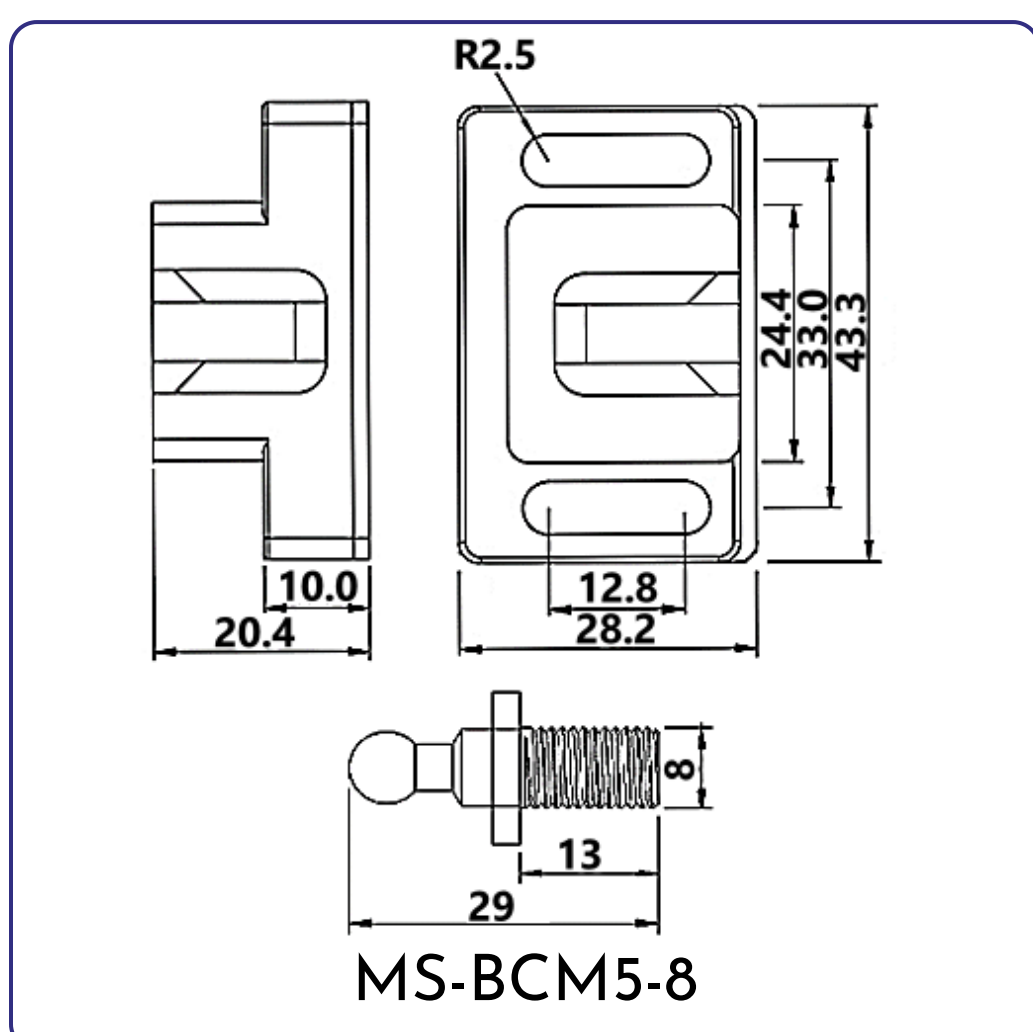


Part No	Weight(g)
MS-BCM5-8	22.8

Colour: **Black**

Material: **Nylon**

Locking device for doors by using ball and slot, used for all series profiles. Use with M5 B.H.C. Bolt.





Magnetic Lock

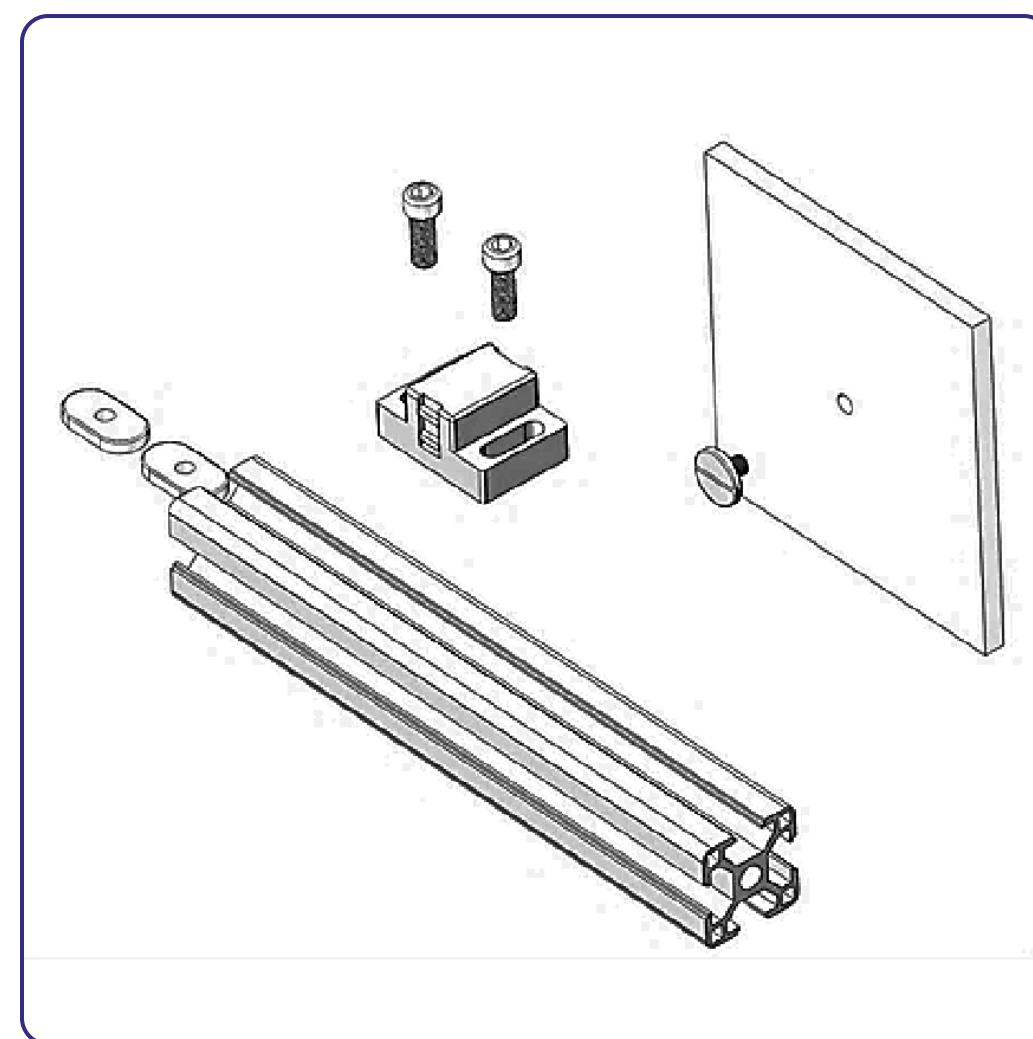
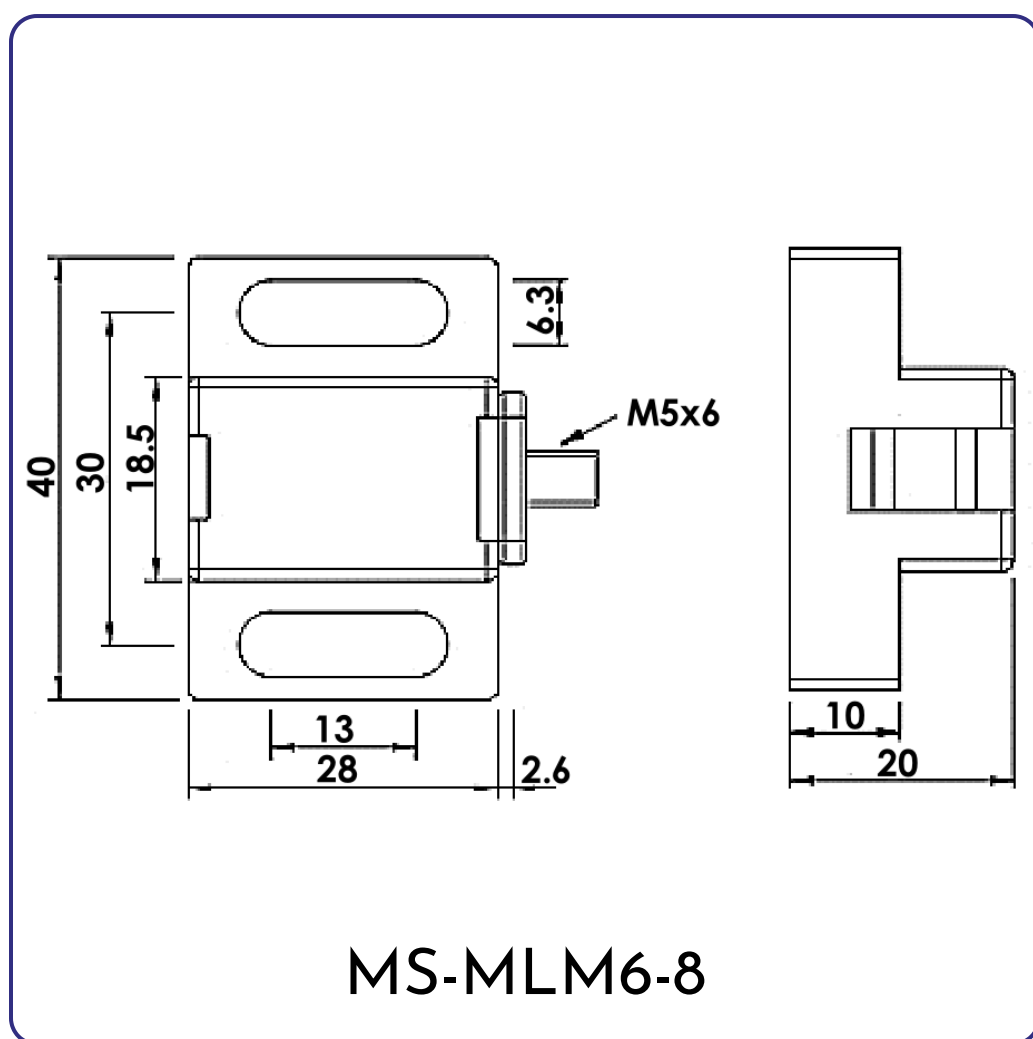


Part No	Weight(g)
MS-MLM6-8	31.6

Colour: **Black**

Material: **Nylon**

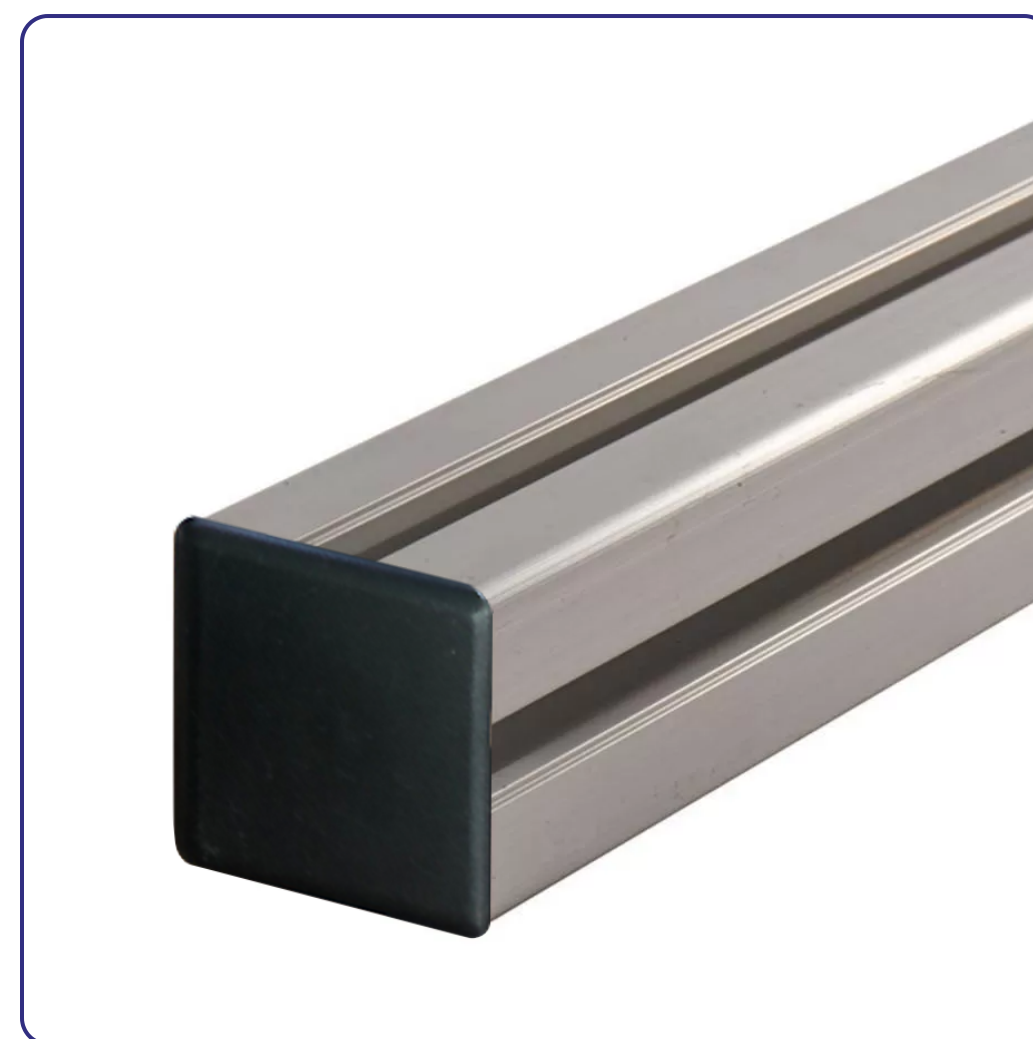
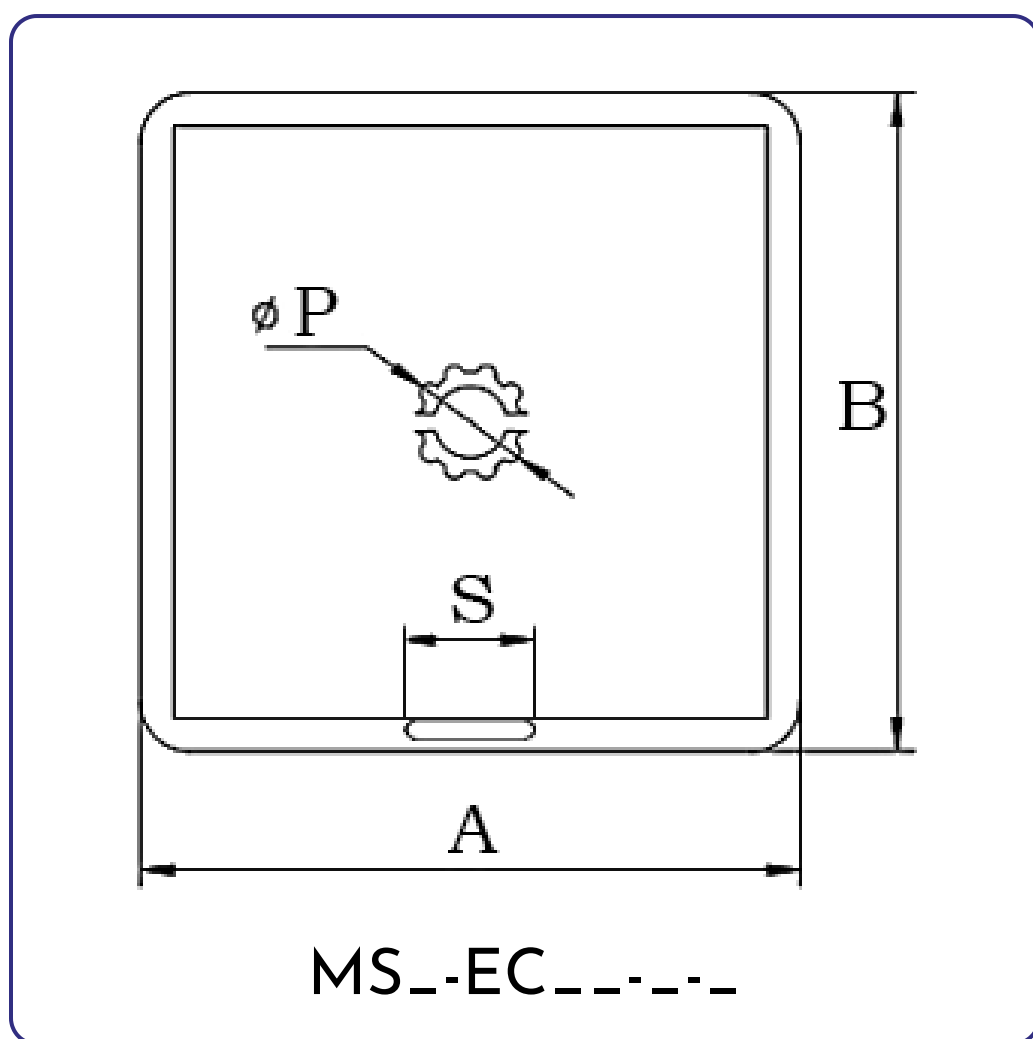
Locking device for doors by using magnet, used for all series profiles. Use with M6 B.H.C. Bolt.



# **PROFILE COVER**



## End Cap

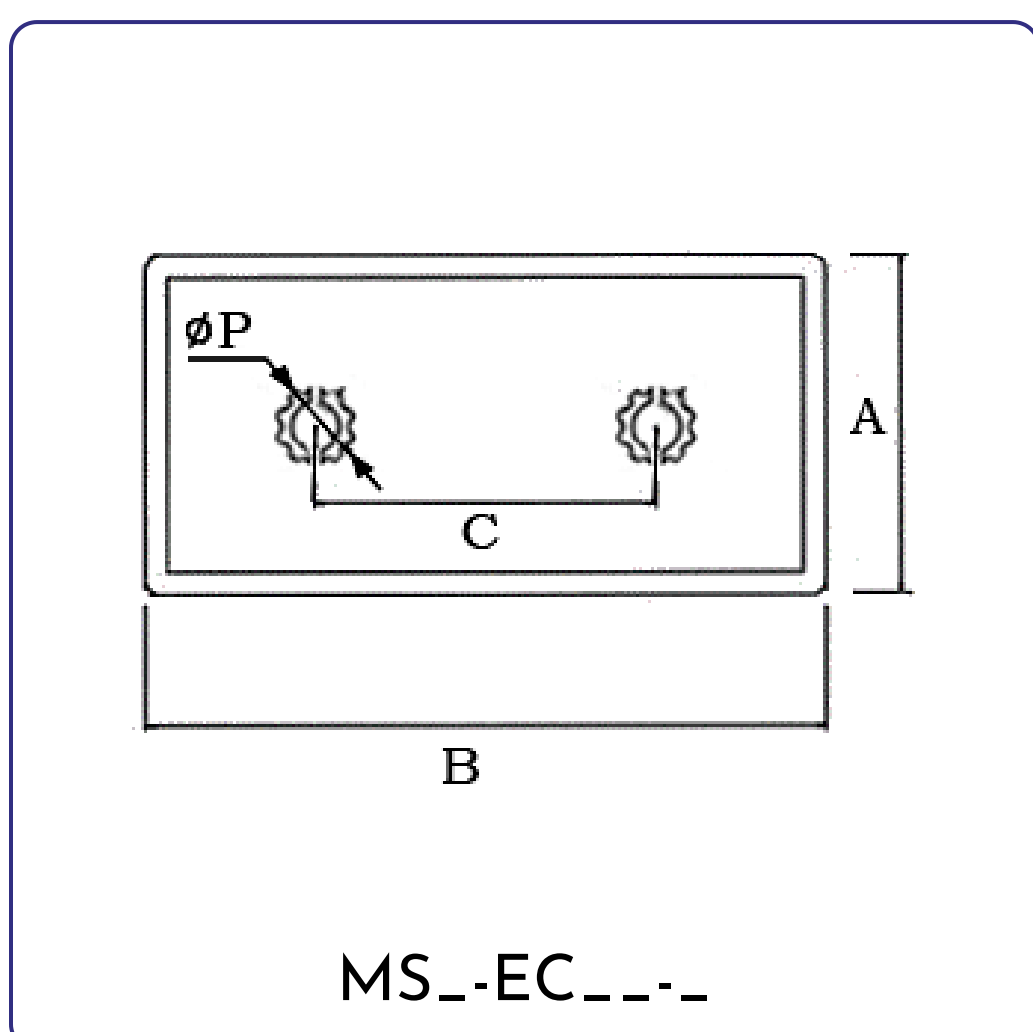


Series	Part No	Colour	Thickness	A	B	S	P
20	MS20-EC2020-6	Black	2.7	20	20	4.7	5.3
25	MS25-EC2525-6	Black	4	25	25	6.4	7
30	MS30-EC3030-8	Black	4	30	30	8.2	7
	MS30-EC3030-8-G	Grey	4	30	30	8.2	7
40	MS40-EC4040-8	Black	4	40	40	8.2	7
	MS40-EC4040-8-G	Grey	4	40	40	8.2	7
	MS40-EC4040-H8	Black	4.1	40	40	8.6	11
45	MS45-EC4545-10	Black	4	45	45	10	10.2
	MS45-EC4545-10-G	Grey	4	45	45	10	10.2
	MS45-EC4560-10	Black	4	45	60	9.8	10.2
50	MS50-EC5050-10	Black	3	50	50	8	10.2
60	MS60-EC6060-10	Black	4	60	60	10.2	10.2

Colour: **Black** **Grey** Material: **Nylon**

Covers the profile's end preventing sharp friction injury, good for tidiness look.

## 2 Pin End Cap



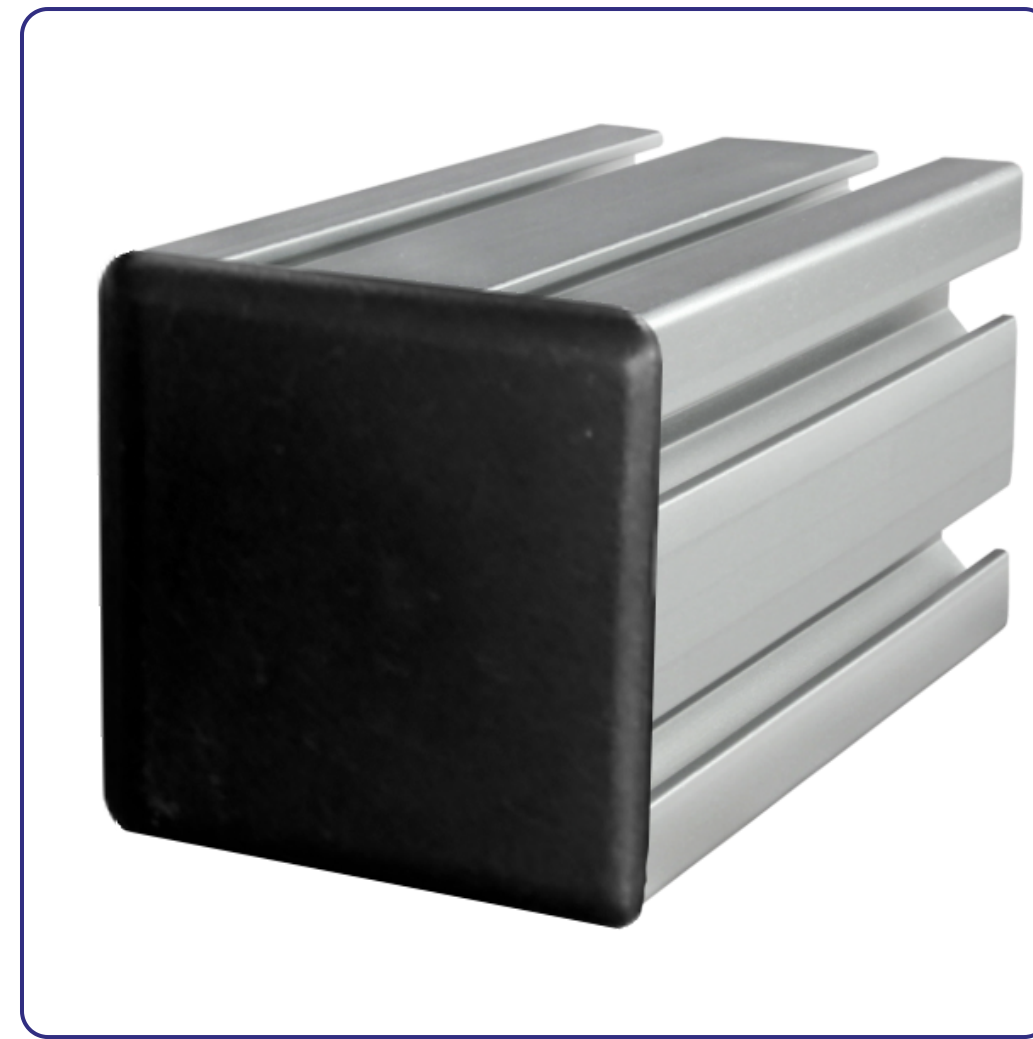
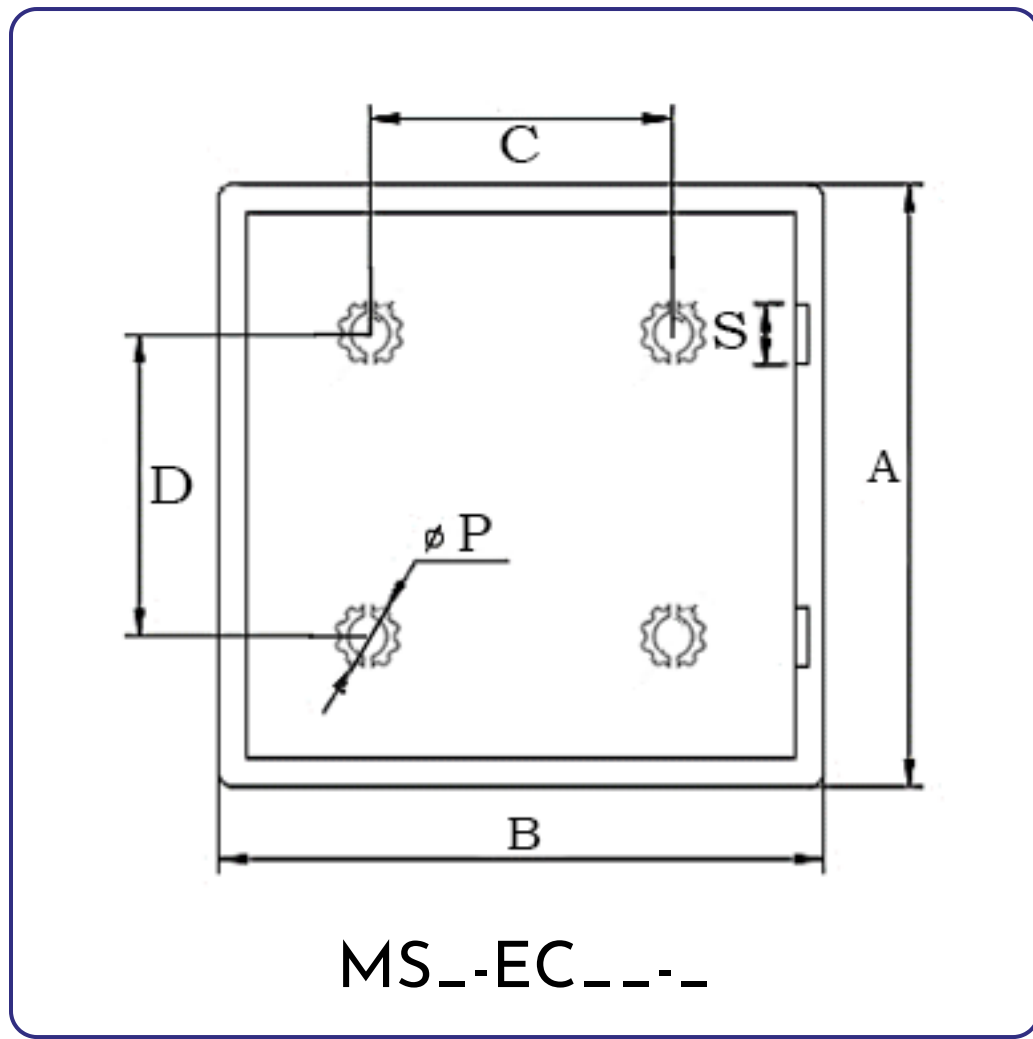
Series	Part No	Thickness	A	B	P	C
16	MS16-EC1640-6	3	16	40	5.3	28
20	MS20-EC2040-6	2.9	20	40	5.3	20
30	MS30-EC3060-8	3.9	30	60	5.3	30
40	MS40-EC4080-8	3.8	40	80	7	40
45	MS45-EC4590-10	4.4	45	90	10.2	45

Colour: **Black** Material: **Nylon**

Covers the profile's end preventing sharp friction injury, good for tidiness look. Used for profiles that have 2 pin holes.



## 4 Pin End Cap



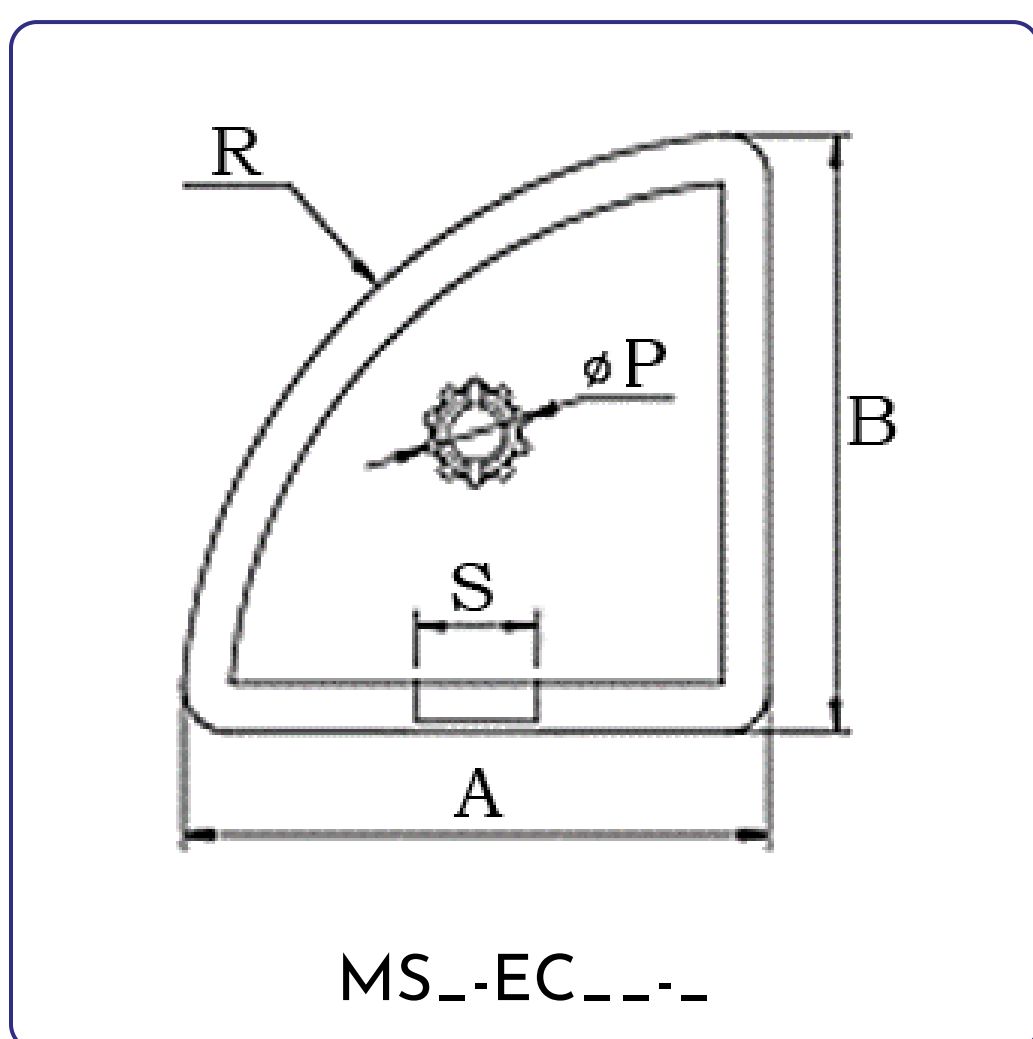
Series	Part No	Thickness	A	B	S	P	C	D
30	MS60-EC6060-8	4.3	60	60	7.6	6.9	30	30
40	MS80-EC8080-8	4.2	80	80	8.2	6.9	40	40
45	MS90-EC9090-10	4.3	90	90	-	10.2	45	45

Colour: **Black**

Material: **Nylon**

Covers the profile's end preventing sharp friction injury, good for tidiness look. Used for profiles that have 4 pin holes.

## Curved End Cap



Series	Part No	Thickness	A	B	S	P	R
30	MS30-EC3030-8R	4	30	30	8.2	7	30
40	MS40-EC4040-8R	4	40	40	8.3	7	40
45	MS45-EC4545-10R	4.5	45	45	10	10.4	45

Colour: **Black**

Material: **Nylon**

Covers the profile's end preventing sharp friction injury, good for tidiness look. Used for curved profiles only.



End Cap 2080

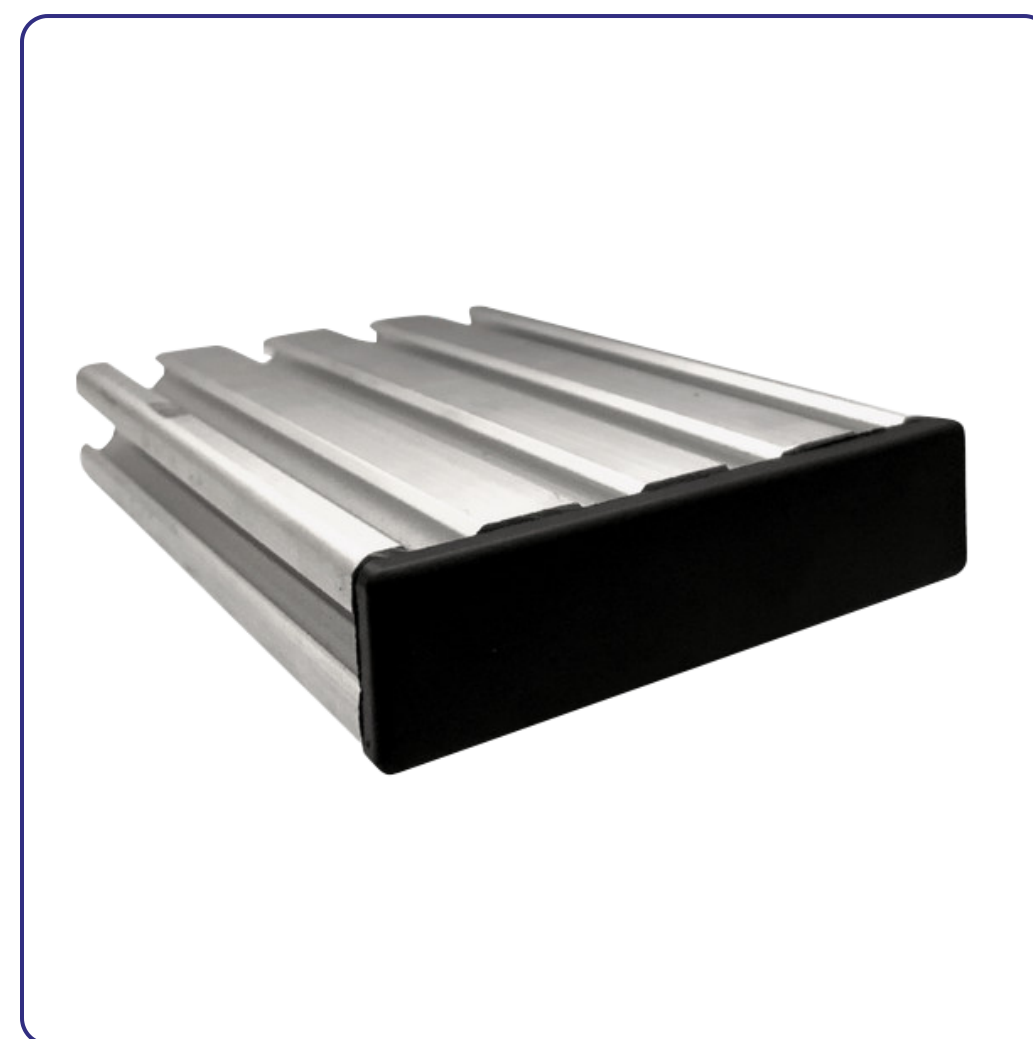
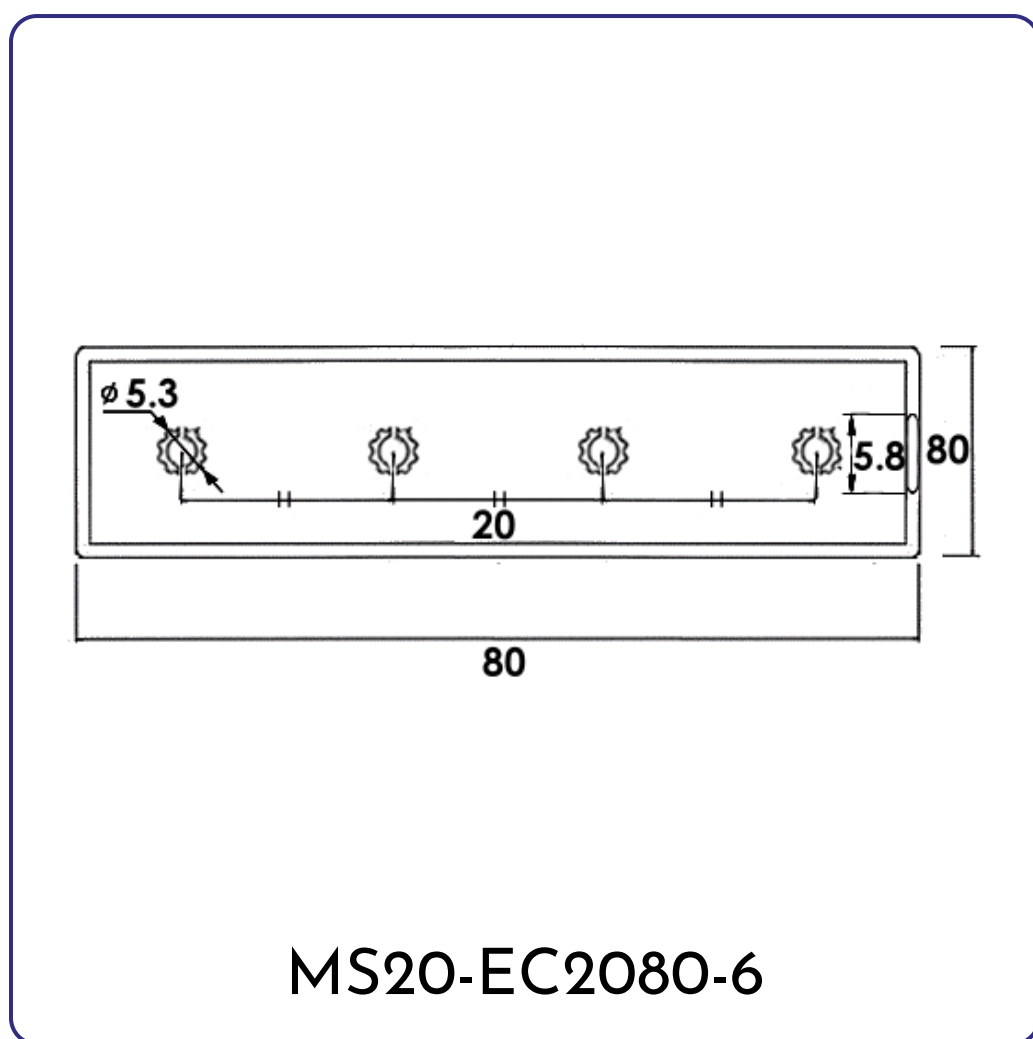


Series	Part No	Thickness
20	MS20-EC2080-6	4

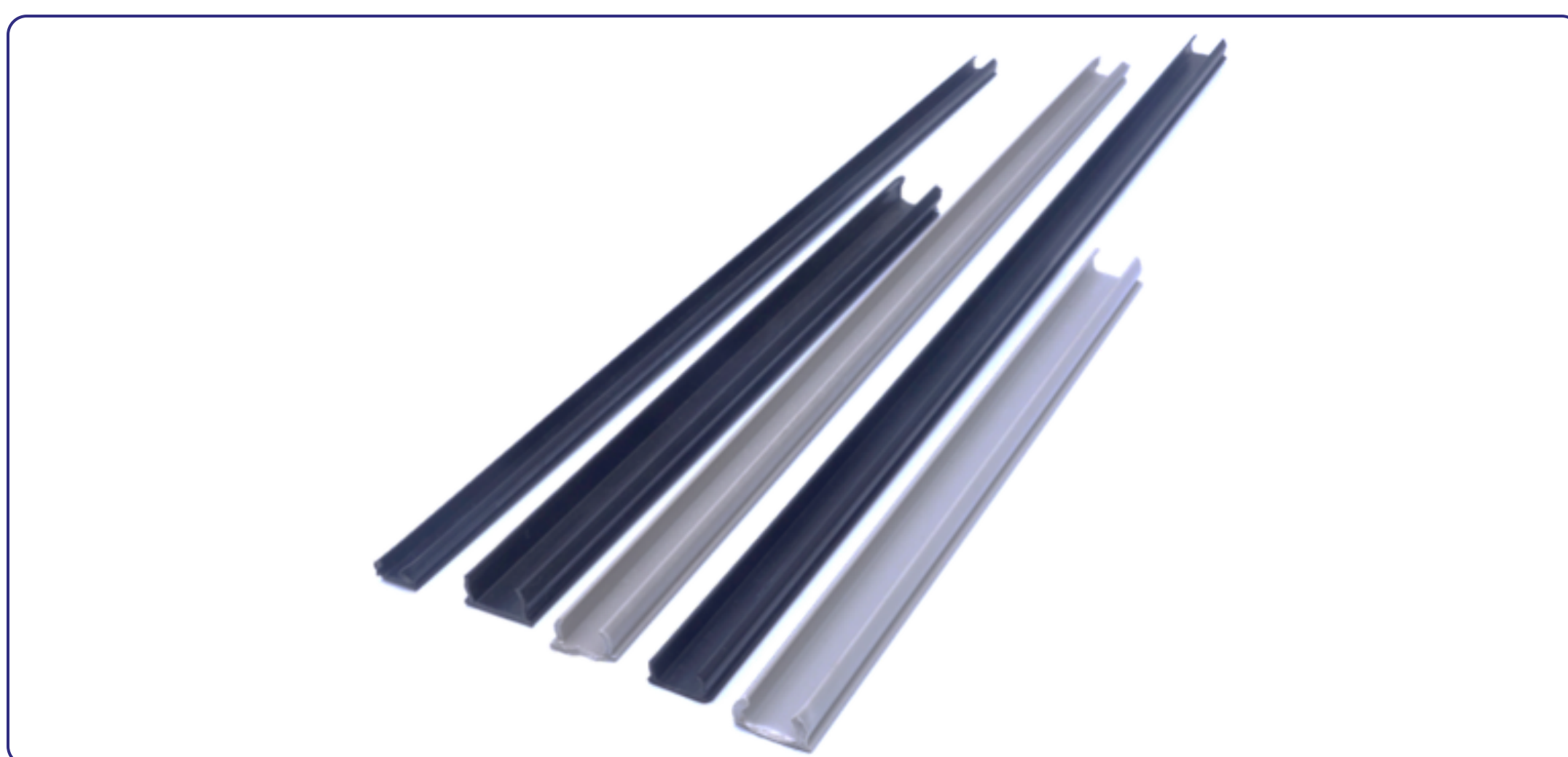
Colour: **Black**

Material: **Nylon**

Covers the profile's end preventing sharp friction injury, good for tidiness look. Used for 2080 profiles only.



Strip Cover

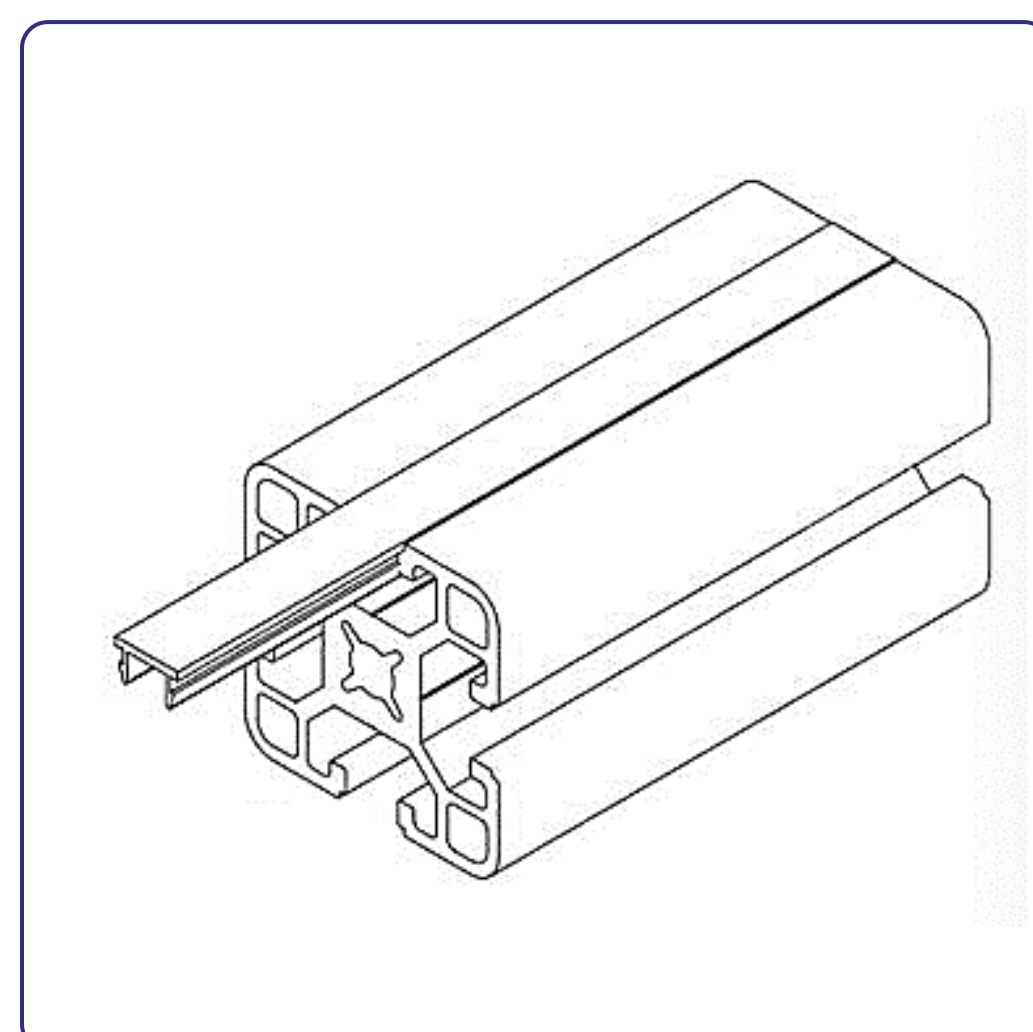
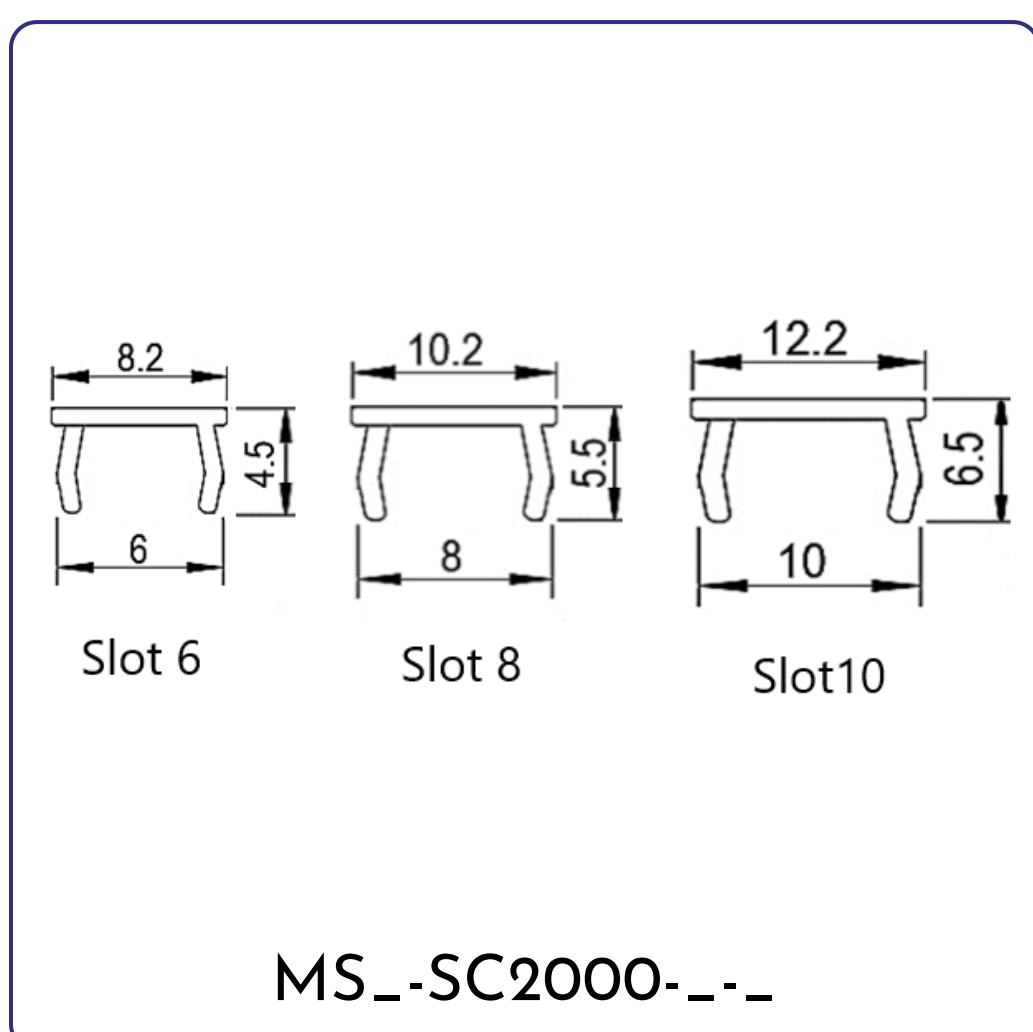


Series	Part No	Color	Length
20	MS20-SC2000-6	Black	2000
30/40	MS30/40-SC2000-8	Black	
	MS30/40-SC2000-8-G	Grey	
45	MS45-SC2000-10	Black	2000
	MS45-SC2000-10-G	Grey	

Colour: **Black** **Grey**

Material: **PVC**

Covers and hides the profile's slot, good for tidiness look



U Strip

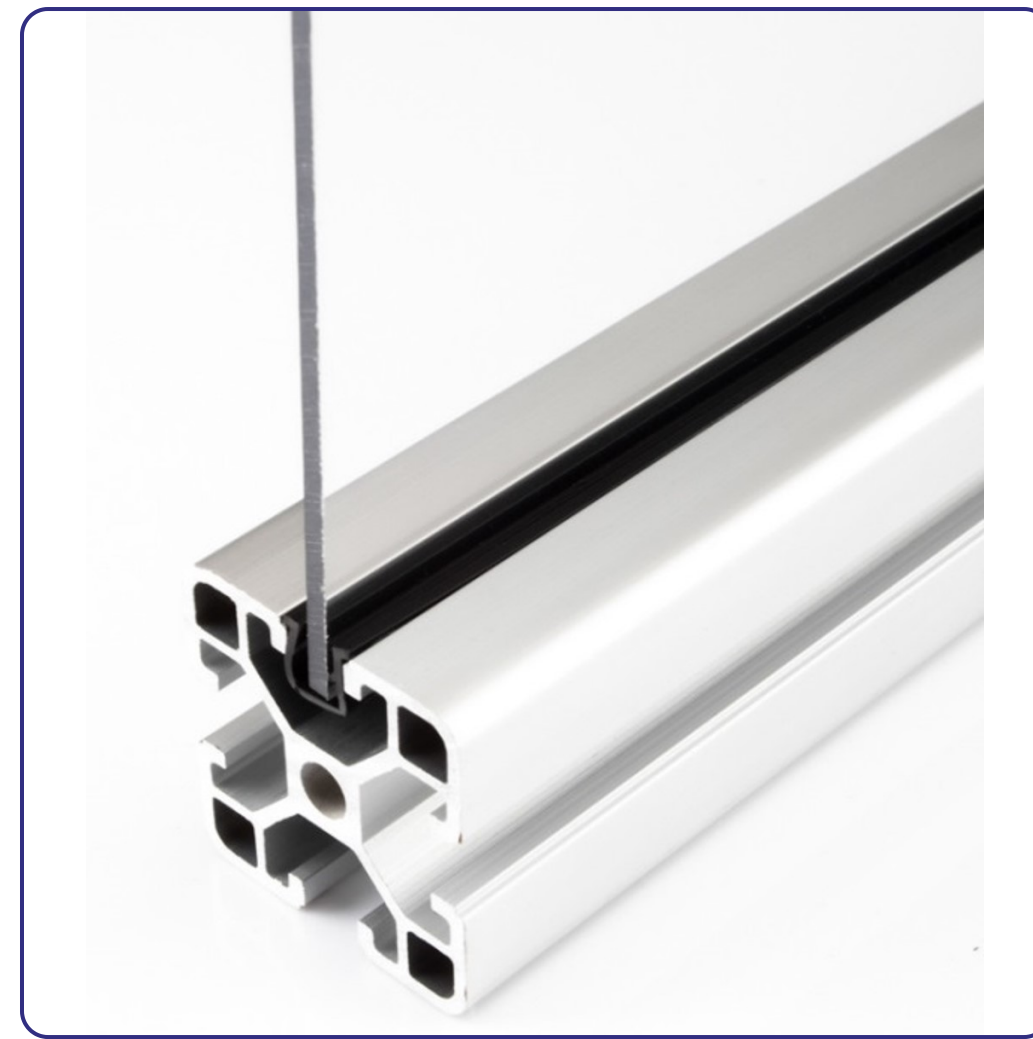
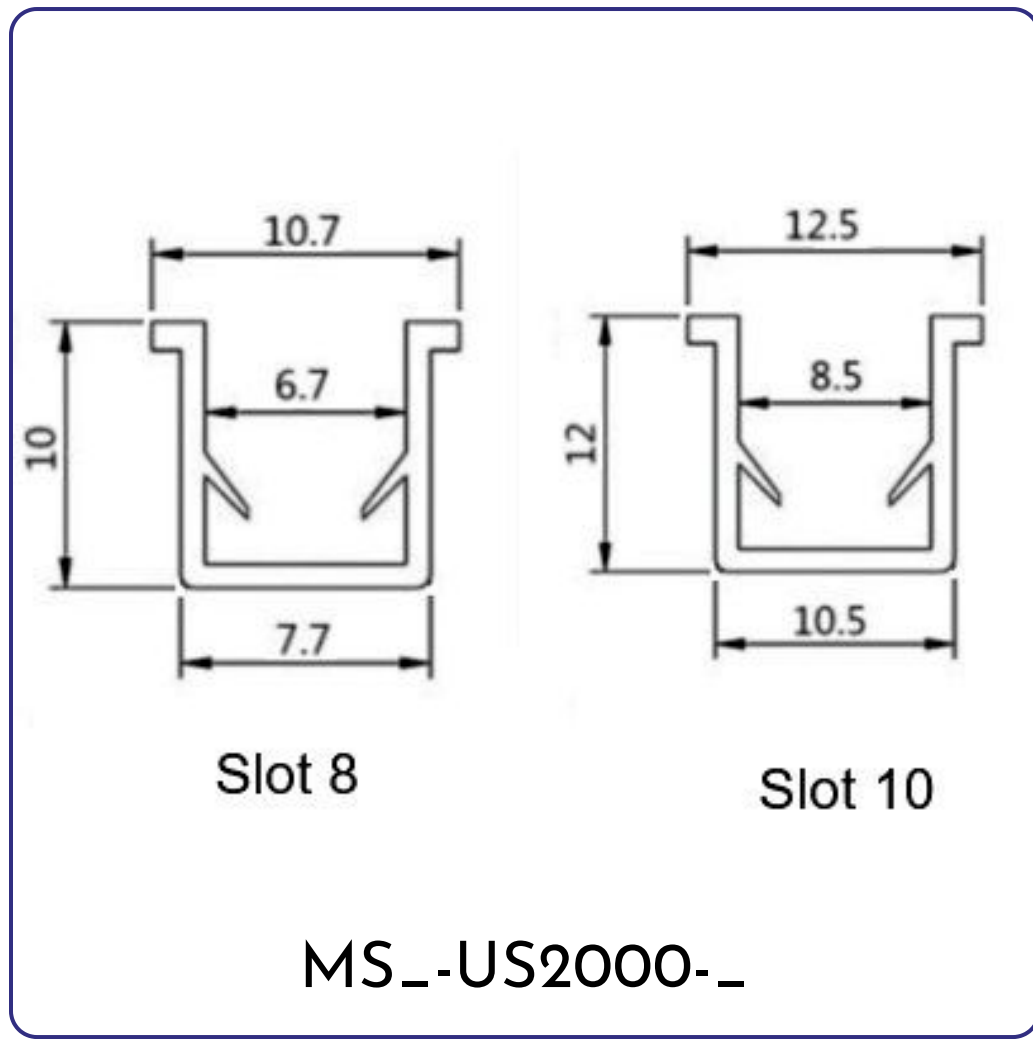


Series	Part No	Length
30	MS30-US2000-8	2000
40	MS40-US2000-8	
45	MS45-US2000-8	

Colour: **Black**

Material: **PVC Extrude**

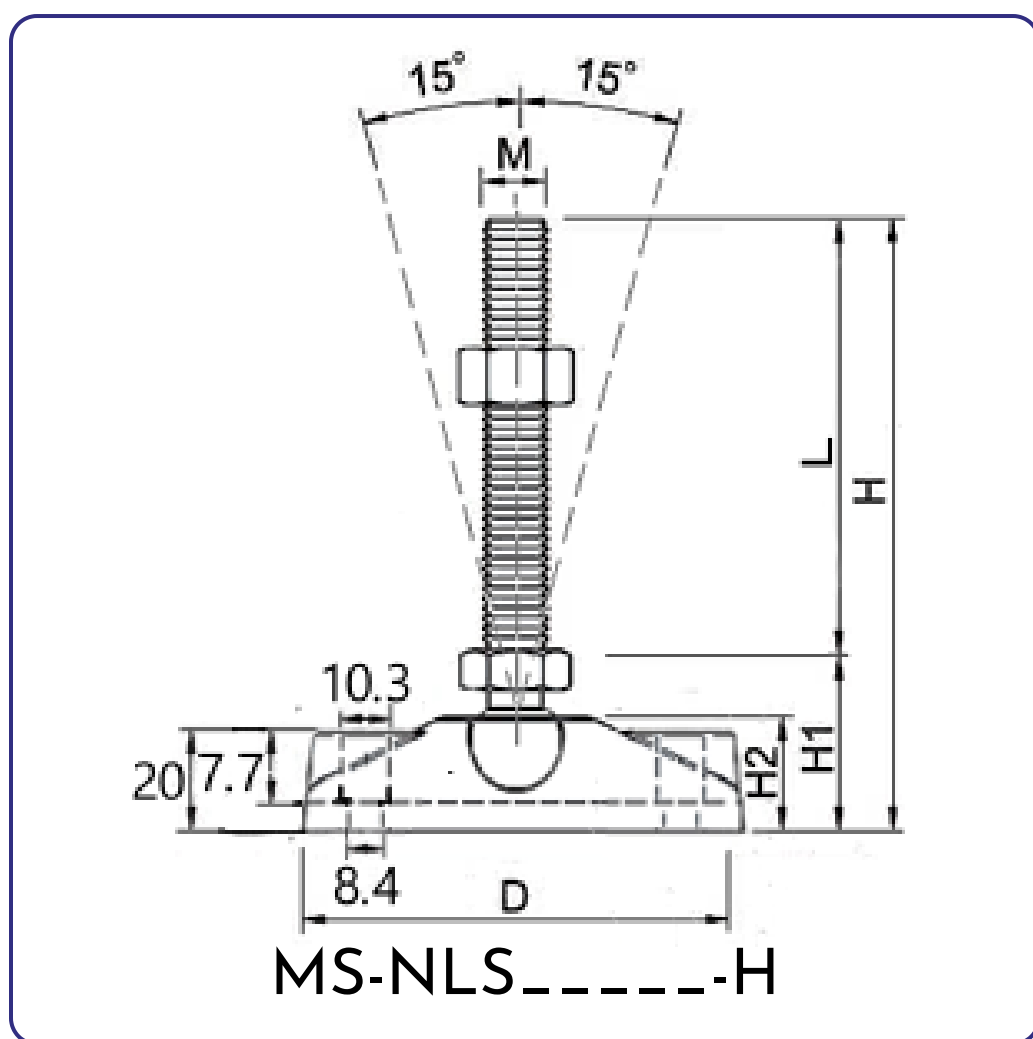
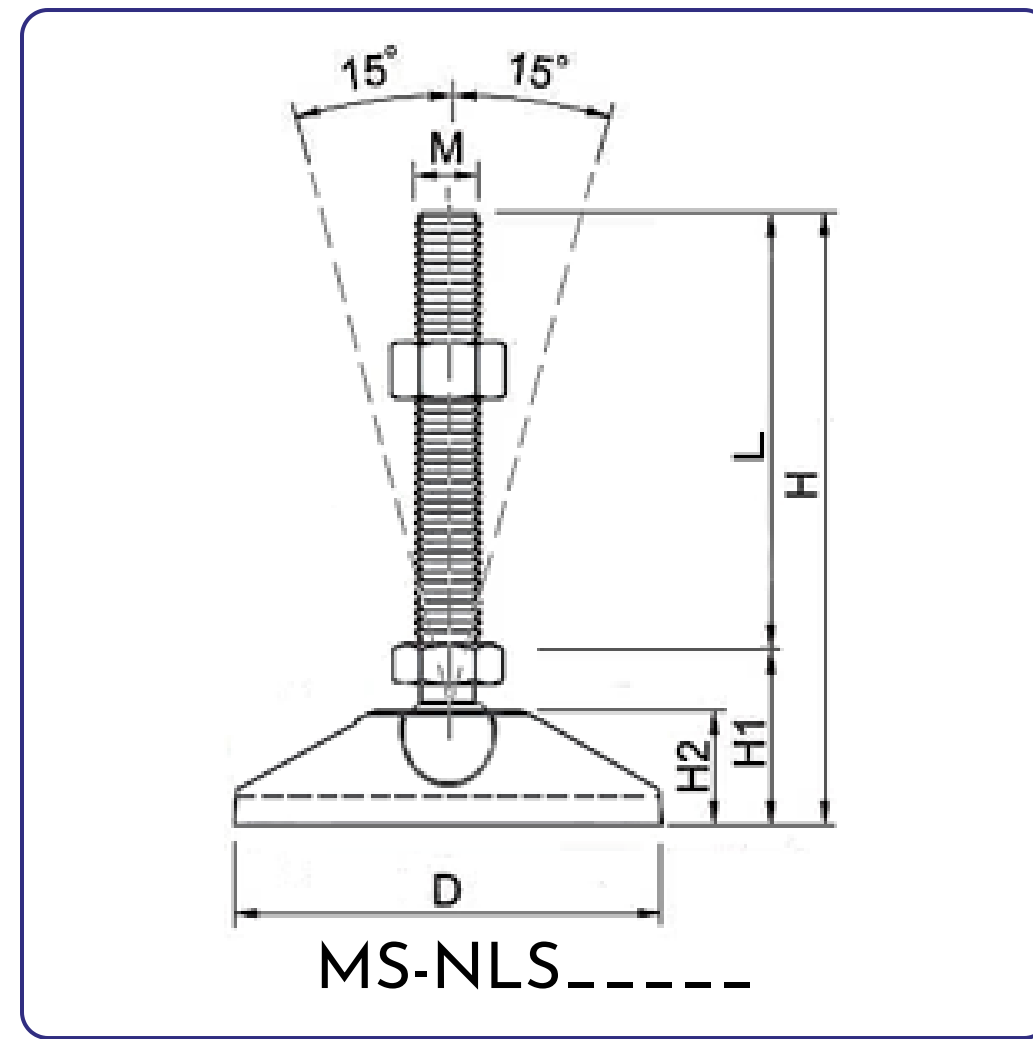
Put and sealed inside the profile's slot, used for fitting glass panes and guiding accessories.





# **FOOT MOUNT**

## Nylon Levelling Stand



Part No	D	M	L	H	H1	H2
MS-NLSD40M880	40	8	80	111.7	31.7	19.5
MS-NLSD40M10100		10	100	130.2	30.2	
MS-NLSD40M12100		12	100	131.2	31.2	
MS-NLSD40M12150		12	150	183.2	33.2	
MS-NLSD50M880	50	8	80	113.5	33.5	21.5
MS-NLSD50M10100		10	100	132	32	
MS-NLSD50M12100		12	100	133	33	
MS-NLSD50M12150		12	150	181.5	31.5	
MS-NLSD80M880	80	8	80	113.5	33.5	22
MS-NLSD80M10100		10	100	132	32	
MS-NLSD80M12100		12	100	133	33	
MS-NLSD80M12150		12	150	185	35	23.5
MS-NLSD80M16150		16	150	188.5	38.5	
MS-NLSD80M16200		16	200	242.5	42.5	
MS-NLSD80M880-H		8	80	114	34	22.5
MS-NLSD80M10100-H		10	100	132.5	32.5	
MS-NLSD80M12100-H		12	100	133.5	33.5	
MS-NLSD80M12150-H		12	150	185.5	35.5	26
MS-NLSD80M16150-H		16	150	191	41	
MS-NLSD80M16200-H		16	200	245	45	

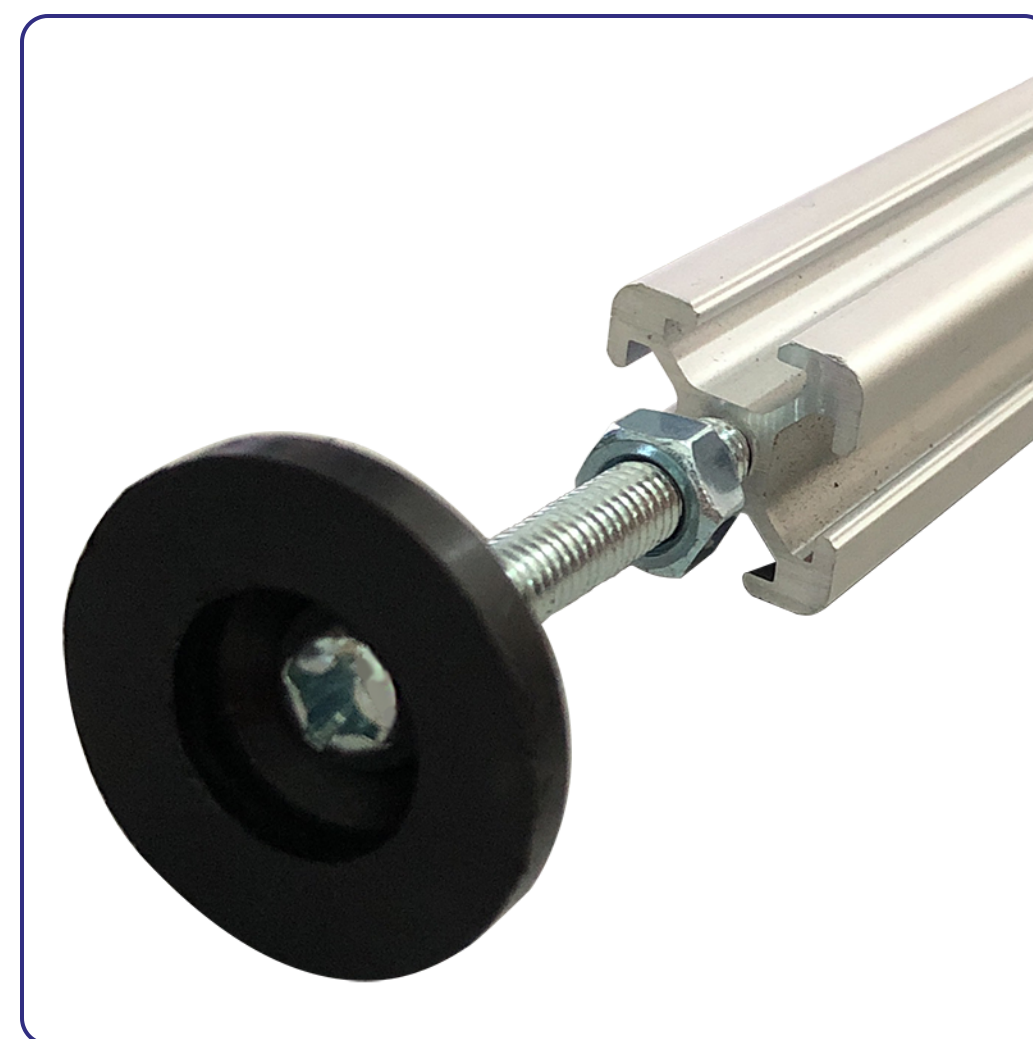
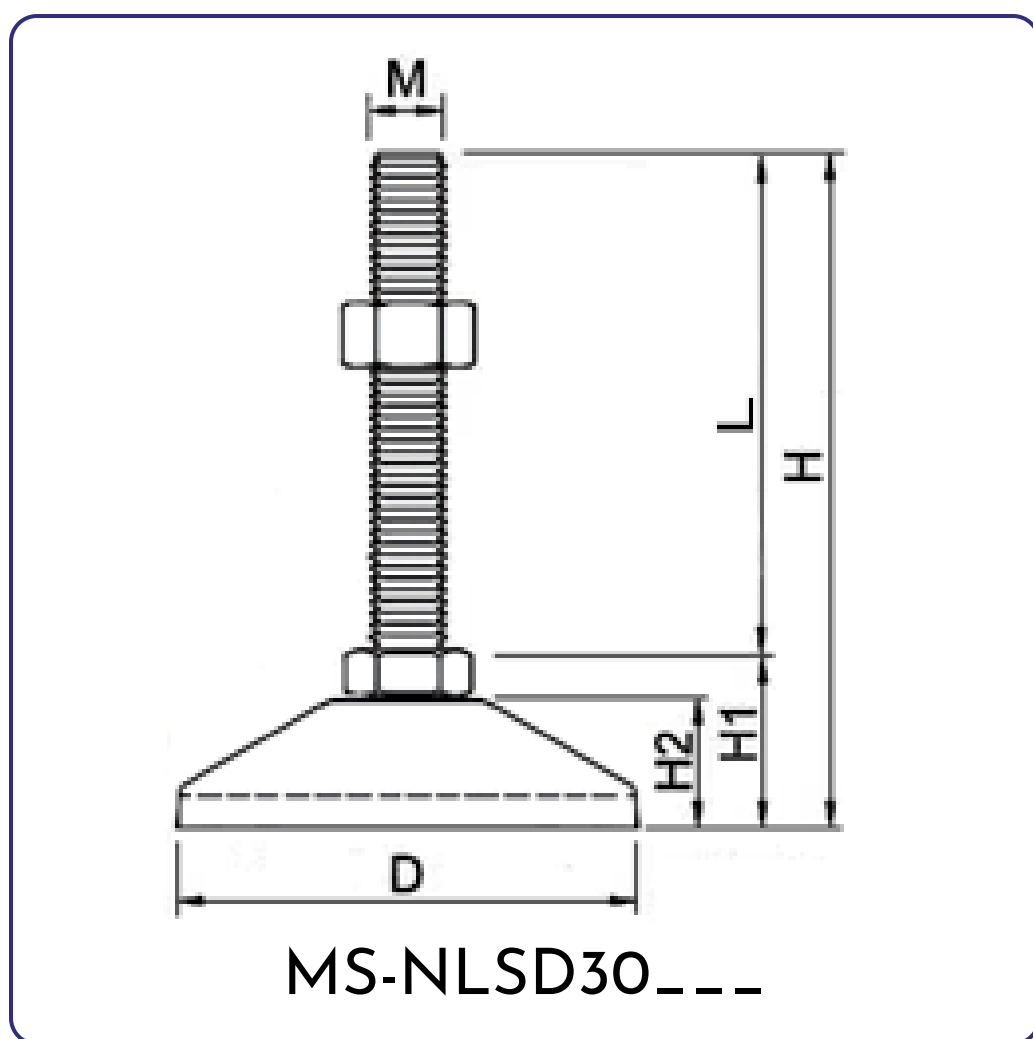
Material: Nickel Plated Steel Threaded Rod **Nylon Base**

Simple foot mount that carry load maximum weight based on its screw size and base diameter.

Threaded rod have rounded ball end that can rotate nearly 15 degrees around its vertical axis at the base.



Nylon Levelling Stand D30



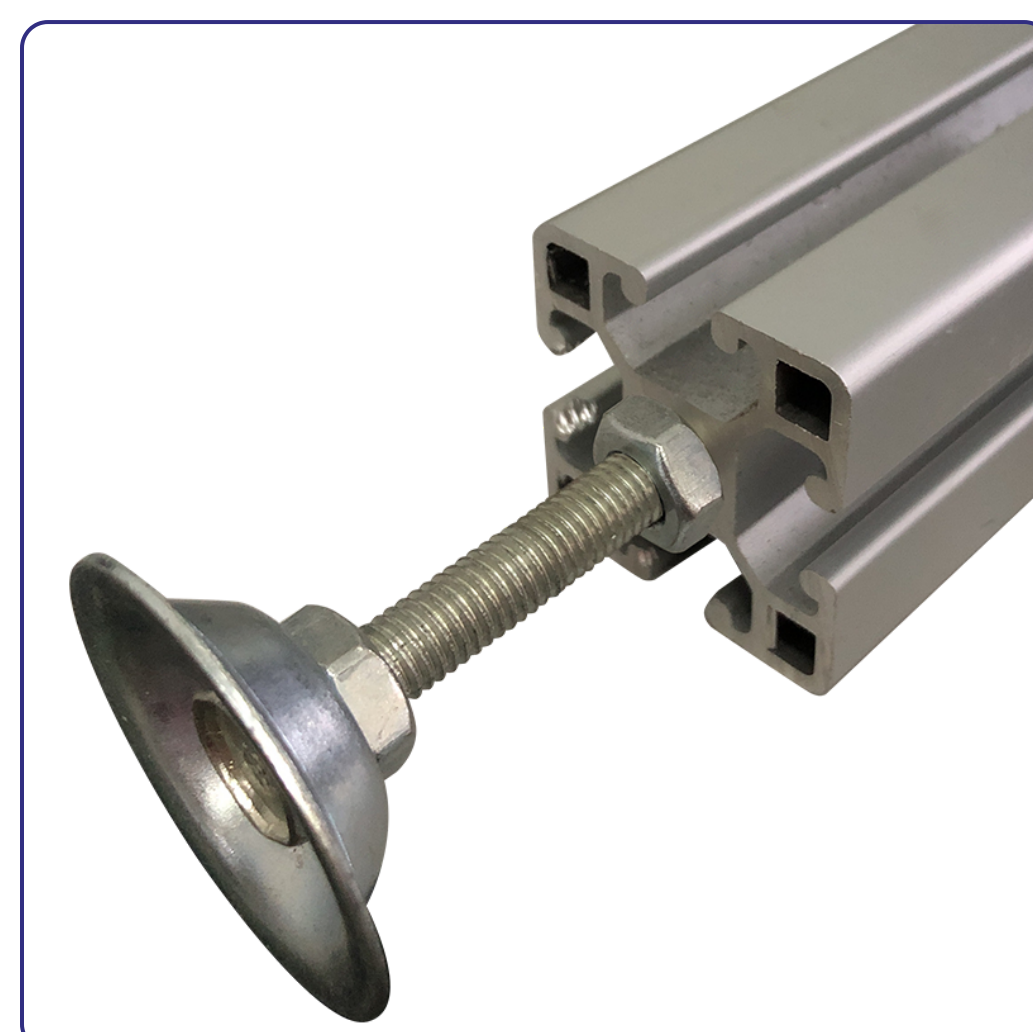
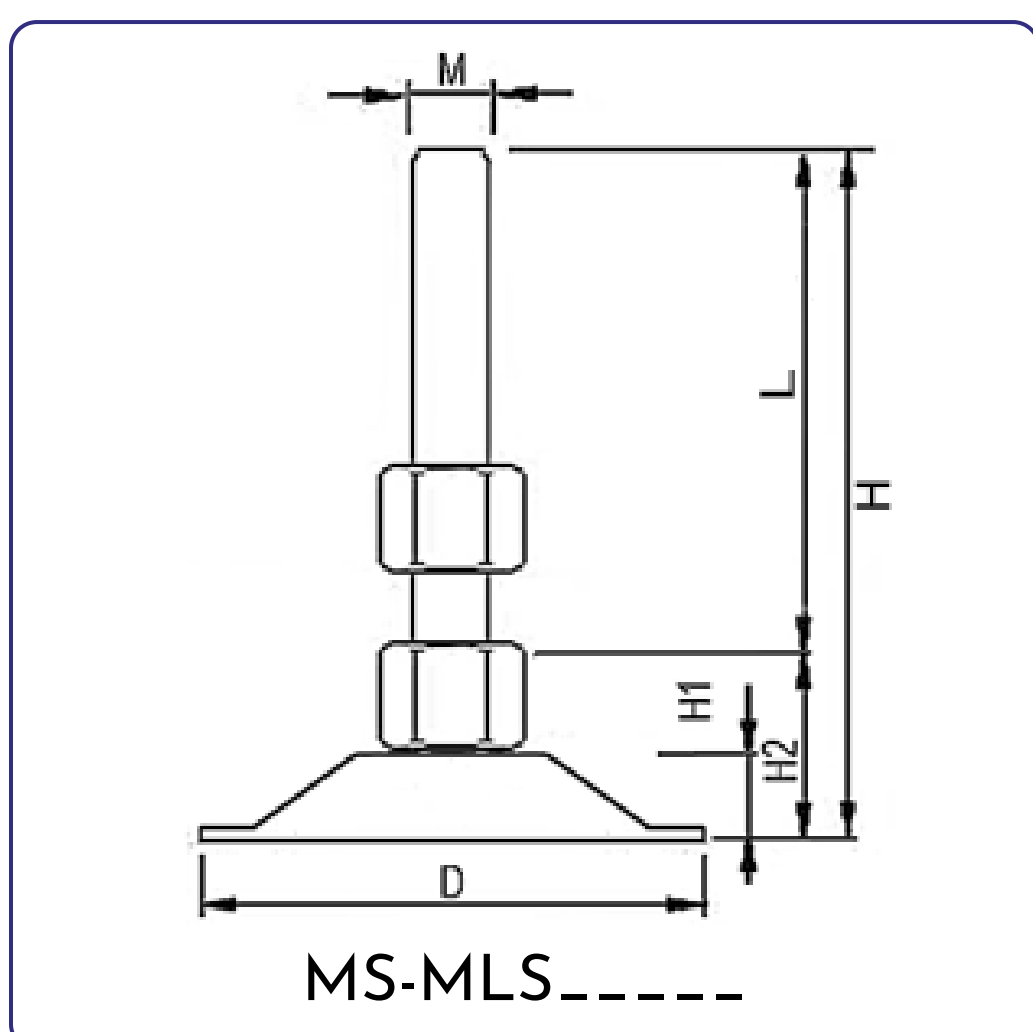
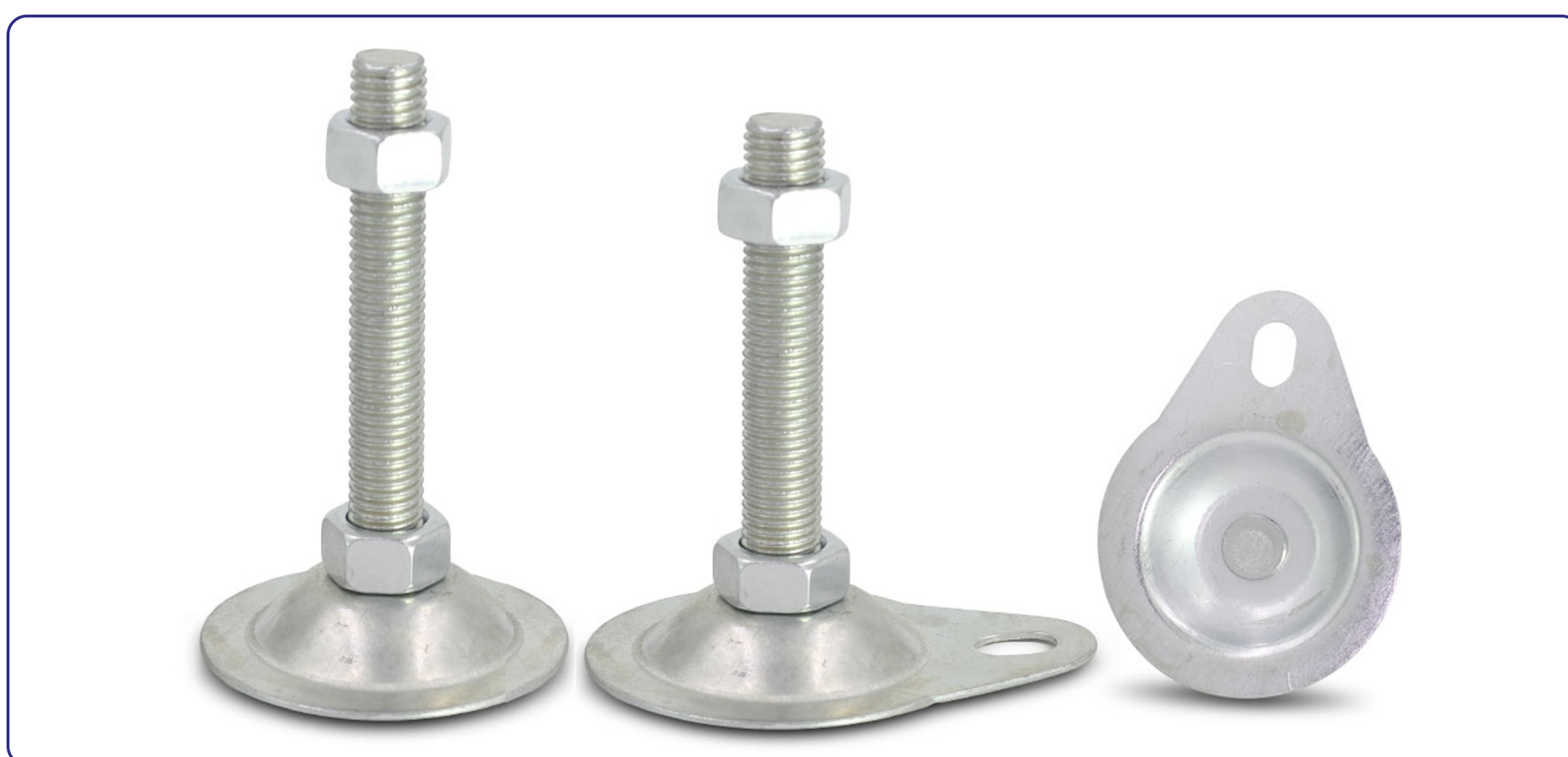
Part No	D	M	L	H	H1	H2
MS-NLSD30M530	30	5	30	47.5	14.2	10.4
MS-NLSD30M630			30	47	15	10
MS-NLSD30M650		6	50	66.8	15	10.5
MS-NLSD30M660			60	76.8	15	10.5

Material: Zinc Plated Steel Threaded Rod Nylon Base

Simple foot mount suitable for light duty use.

Have a simple threaded rod that cannot rotate.

Metal Levelling Stand



Part No	D	M	L	H	H1	H2
MS-MLSD35M1070	35	10	70	90.5	20.5	12
MS-MLSD35M10108			108	127.8	19.8	11.7
MS-MLSD40M842	40	8	43	58.7	15.7	9.5
MS-MLSD40M850			50	64.6	14.6	9.7
MS-MLSD40M872			72	88.2	16.2	10.1
MS-MLSD60M12120-SS	60	12	120	139.2	19.2	10.2
MS-MLSD60M12130			130	150.8	20.8	11.2
MS-MLSD63M12130	60	12	130	149.7	19.7	11.1
MS-MLSD63M12140			140	160.2	20.2	11.2
MS-MLSD63M12160			158	178.6	20.6	11.1
MS-MLSD76M12140-H	76	12	138	161.6	23.6	14.8
MS-MLSD76M12140			140	163.2	23.2	14.1
MS-MLSD76M16135	76	16	135	161	26	13.4
MS-MLSD76M16155			155	181.4	26.4	14.4
MS-MLSD76M16200			206	232.4	26.4	13.8

Material: Zinc Plated Steel Stainless Steel

Simple metal foot mount that carry load maximum weight based on its screw size and base diameter.

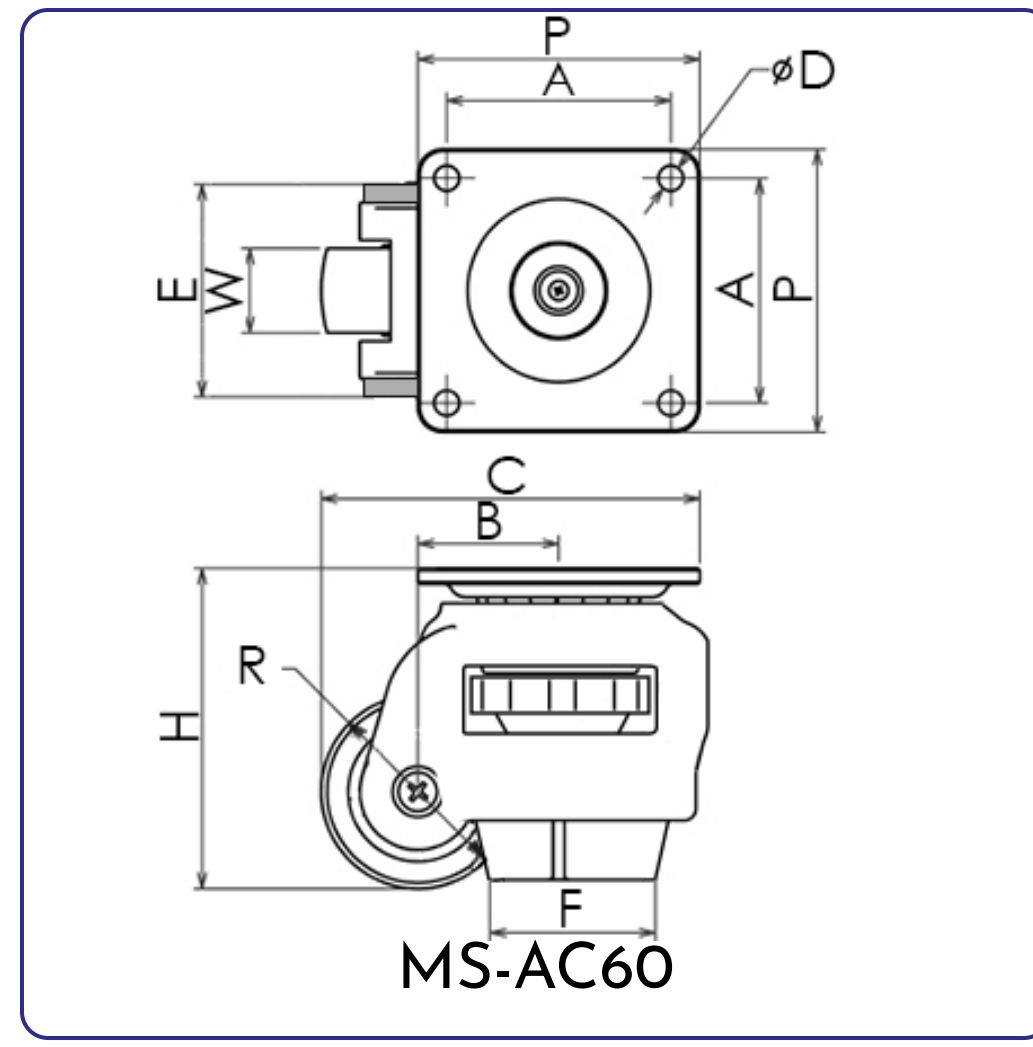
Have a simple threaded rod that cannot rotate.

\*only MS-MLSD60M12120-SS is made of Stainless Steel



# FOOT MOUNT

## Auto Castor



Part No	A	B	C	D	E	F	W	R	P	H
MS-AC60	58	31.5	100	6.4	54	54	24	48.5	73	84

Material: **Green Zinc Plated Steel Top Plate**  
**Ivory Powder Coated Die Cast Aluminium Frame**  
**Nylon Foot & Wheel**

Heavy duty foot mount that can carry load maximum weight of 500kg.

Can switch between mobile and stationary state by tightening or lowering the base screw.

## Floor Bracket



Part No	A	B	C	D	d	E	F	H	T
MS-FB80165-L	80	30	39	9	9	70	165	31	2.7
MS-FB80165-R									
MS-FB90188-L	90	45	40	9	11	105	188	25	2.8
MS-FB90188-R									

Material: **Black Powder Coated Steel**

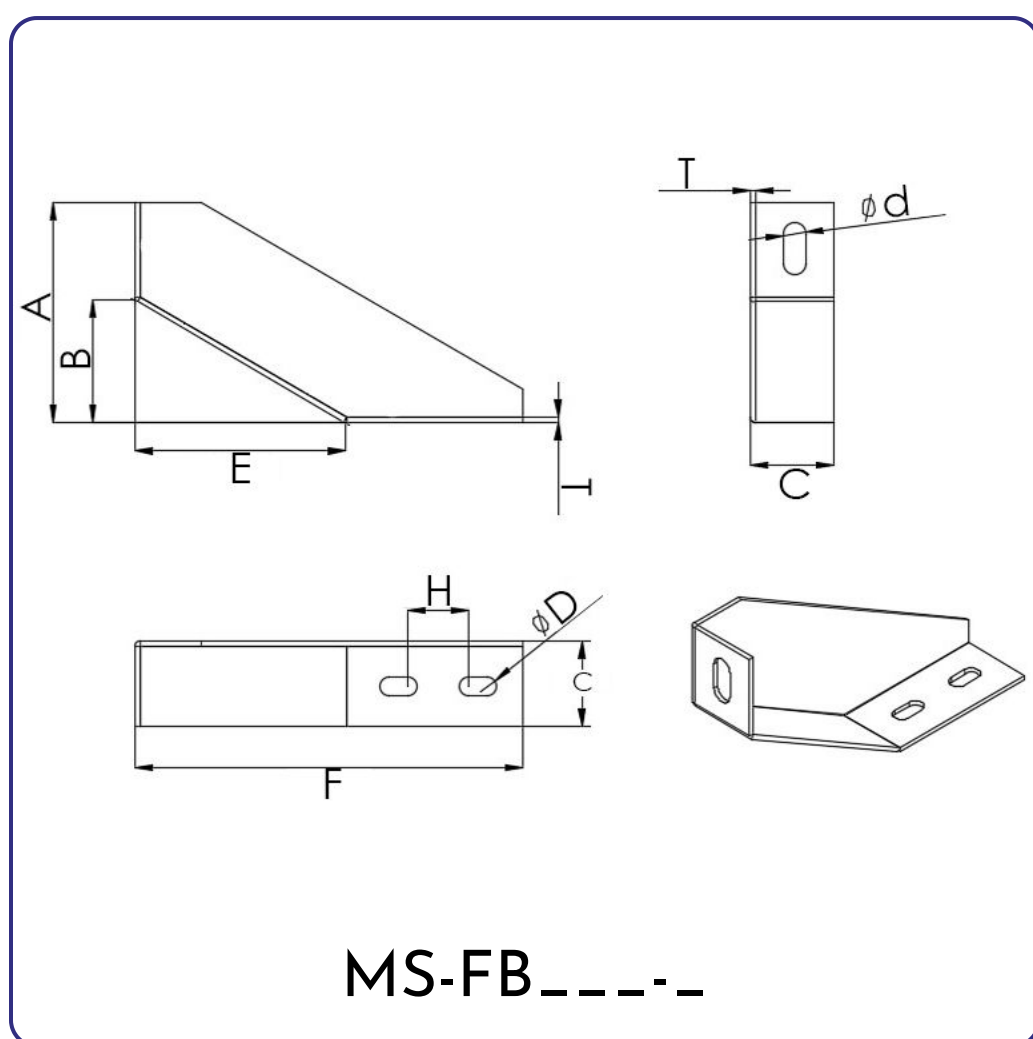
Foot mount used with Hammer Head Screw and Flange Nut to fix profile structures to the floor.

Used with Hammer Head Screw MS40-M820-8 and Flange Nut MS-FNM8 for 40 Series Profile

Used with Hammer Head Screw MS45-M820-10 and Flange Nut MS-FNM8 for 45 Series Profile

MS-FB\_\_\_\_-8-L is installed on left side

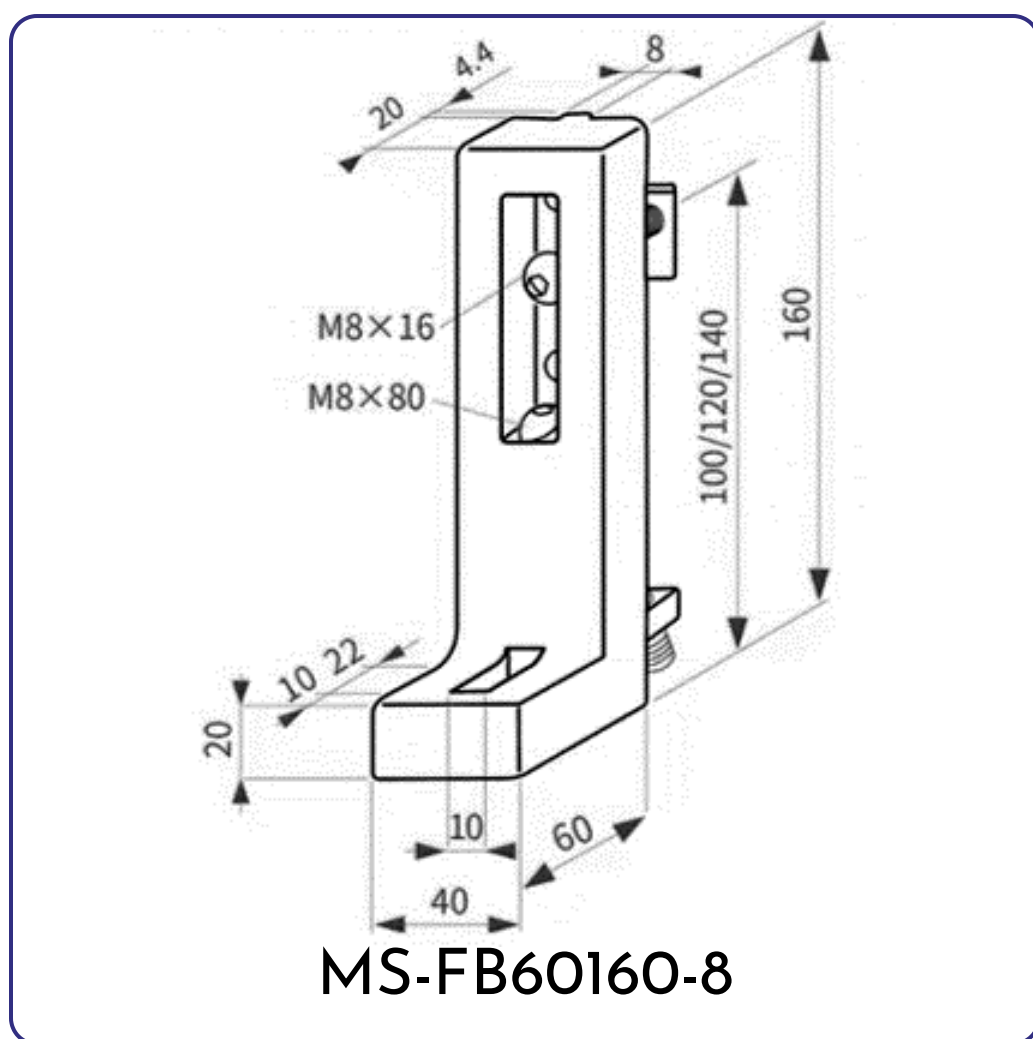
MS-FB\_\_\_\_-8-R is installed on right side





# FOOT MOUNT

## Floor Bracket 60x160



Part No	Weight(g)
MS-FB60160-8	201.6

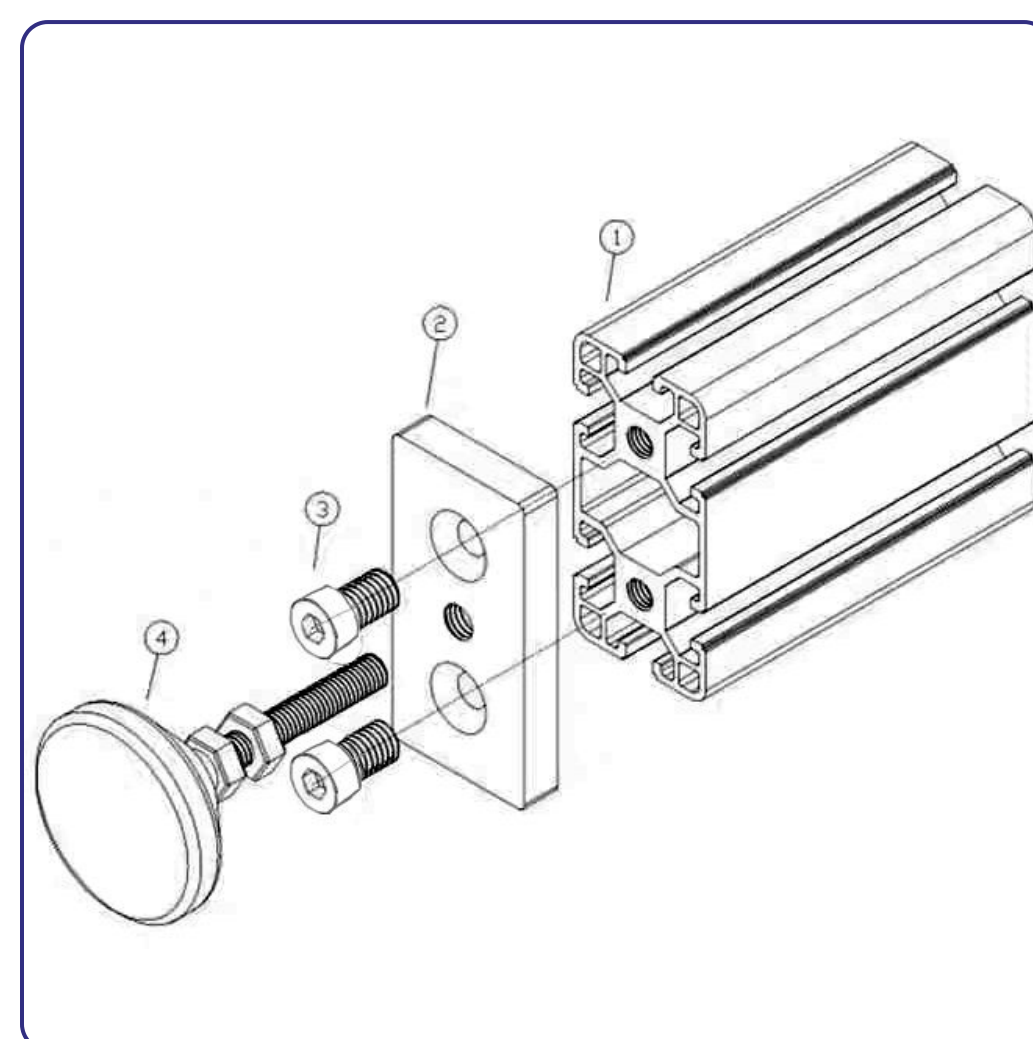
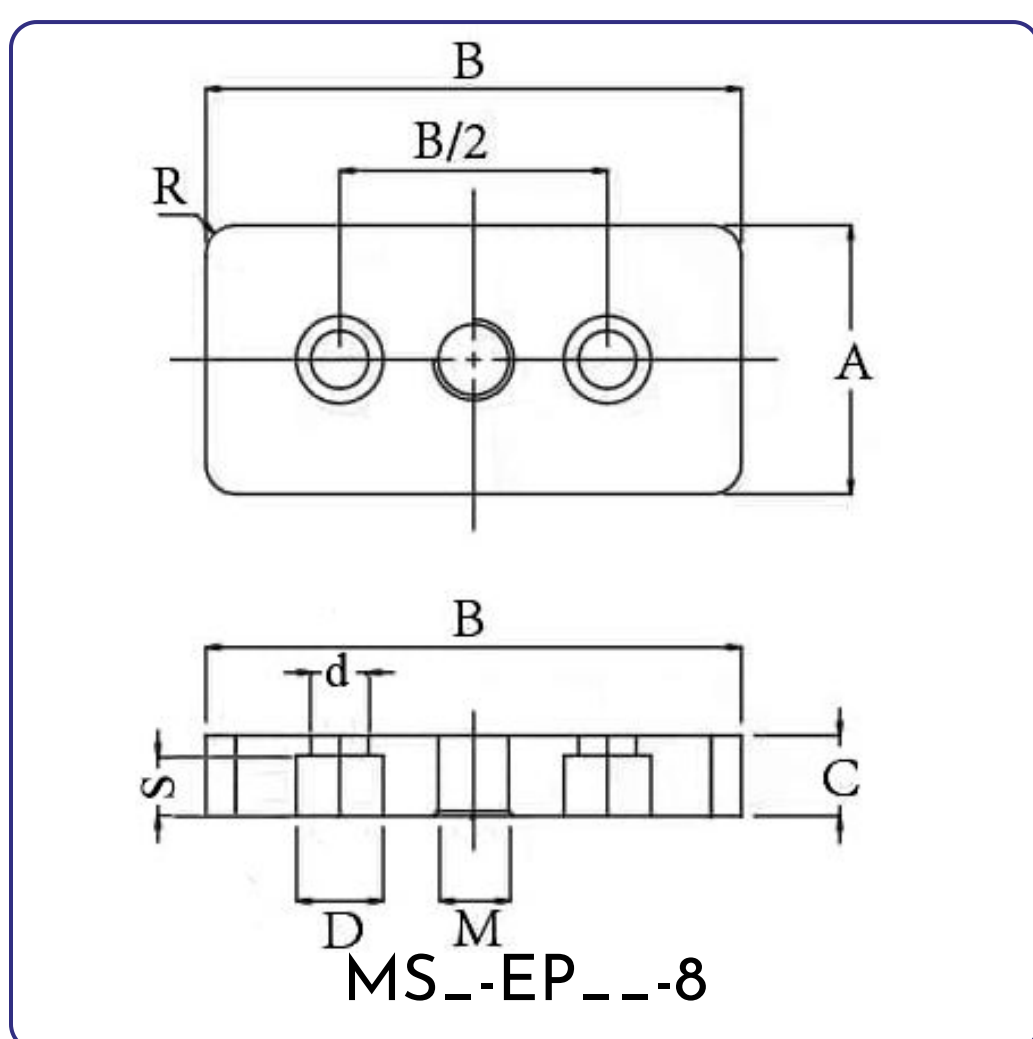
Material: **Black Powder Coated Steel**

Foot mount used with Button H.C. Bolt and Rhombus Nut to fix profile structures to the floor.

Used with Button H.C. Bolt M8x16 and Rhombus Nut MS40-RBNM8-8 for 40 Series Profile

Used with Button H.C. Bolt M8x16 and Rhombus Nut MS45-RBNM8-10 for 45 Series Profile

## End Plate



Series	Part No	A	B	C	D	d	M	R	S
30	MS30-EP3060-8	30	60	11.7	12.8	8.8	12	1.8	6.9
40	MS40-EP4080-8	40	80	12	13.2	9.2	12	4.5	7.5

Material: **Die Cast Aluminium**

Mounting plate that converts 2 pins profiles into 1 pin hole in order to install a Levelling Stand.

Used with 2pcs Socket H.C. Bolt M8x25