



JUZER ENGINEERING AND COMPANY

Accessible Automation

Aluminium Profiles And Accessories Catalogue - 2025



ABOUT US

- Juzer Engineering And Co was founded in 1995 as a trading company operating in work-holding and assembly technologies.
- We have grown to become one of the largest vendors of Aluminium Profile & Accessories and ABS Pipes & Joints in Southern India.
- Our knowledgeable sales team offer work-holding and assembling solutions for client-specific applications to a wide range of industries.
- Our range of Aluminium profiles are available in all dimensions starting right from 20x20 through to 90x90. Our extensive range of fastening and connecting accessories ensure that you may find a suitable solution whatever your needs may be.

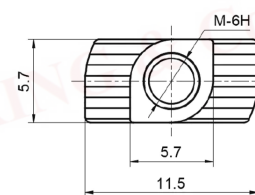
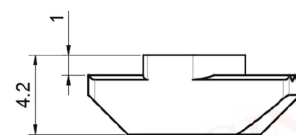
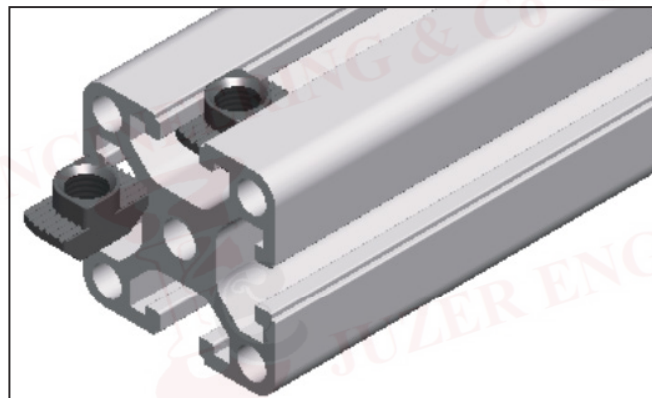
All dimensions in this catalogue as specified in 'mm'. For the betterment of the products, we reserve the right to change the design and dimensions without prior intimation.

Please visit www.juzerengineering.com for more catalogues and other resources.

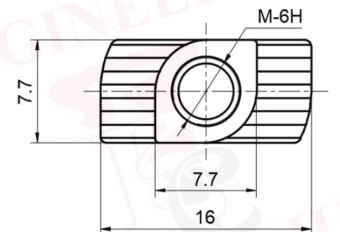
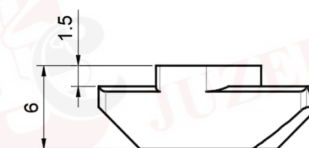


CONTENTS

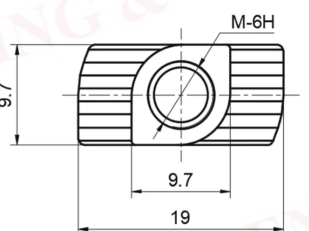
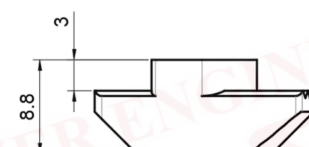
• NUTS	04
• BOLTS & SCREWS	12
• CENTRE CONNECTORS	18
• FLEXIBLE CONNECTORS	21
• BRACKETS	22
• PIVOT JOINTS	38
• CONNECTORS	42
• BASE PLATES & FLOOR MOUNTS	47
• HINGES & TOOL HANGERS	53
• PANEL MOUNTING BLOCKS	57
• CABEL HOLDERS	59
• CATCHES, LATCHES	61
• HANDLES	63
• T-SLOT COVERS, REDUCERS	65
• LINEAR BEARINGS & SLIDING DOOR PROFILES	66
• ROLLER ELEMENTS	68
• ENDCAPS	69
• WHEEL MOUNTING PLATES	71
• LEVELLING PADS & MOUNTING BRACKETS	72
• LEVELING CASTORS	75
• BALL TRANSFER UNITS	79
• ALUMINIUM PROFILES & DUCTS	82



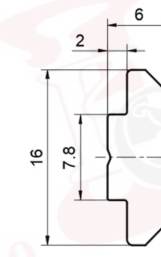
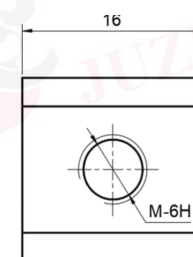
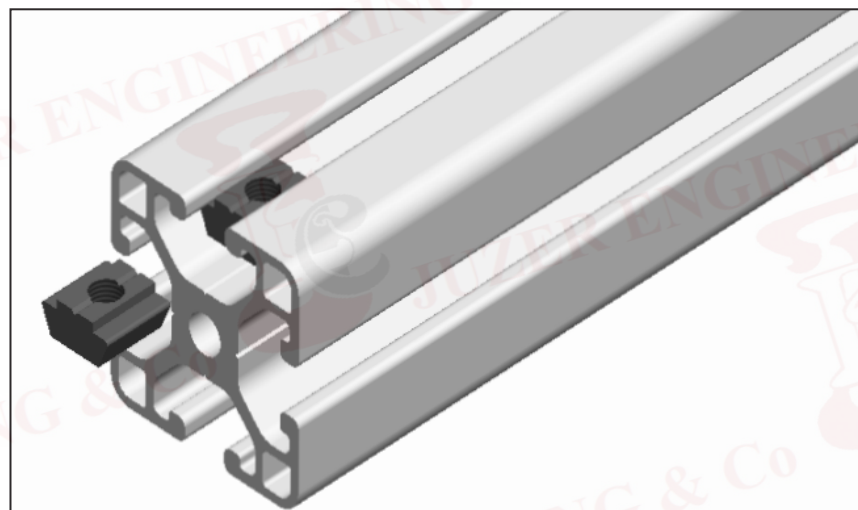
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M3	J01-HN-0603-M3-WZ	Zinc Plated	Carbon Steel
M4	J01-HN-0604-M4-WZ	Zinc Plated	Carbon Steel
M5	J01-HN-0605-M5-WZ	Zinc Plated	Carbon Steel
M3	J01-HN-0603-M3-NP	Nickel Plated	Carbon Steel
M4	J01-HN-0604-M4-NP	Nickel Plated	Carbon Steel
M5	J01-HN-0605-M5-NP	Nickel Plated	Carbon Steel



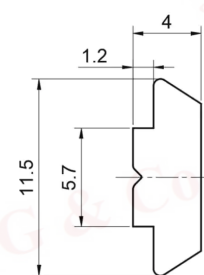
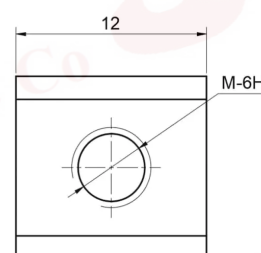
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M4	J02-HN-0804-M4-WZ	Zinc Plated	Carbon Steel
M5	J02-HN-0805-M5-WZ	Zinc Plated	Carbon Steel
M6	J02-HN-0806-M6-WZ	Zinc Plated	Carbon Steel
M3	J02-HN-0803-M3-NP	Nickel Plated	Carbon Steel
M4	J02-HN-0804-M4-NP	Nickel Plated	Carbon Steel
M5	J02-HN-0805-M5-NP	Nickel Plated	Carbon Steel
M6	J02-HN-0806-M6-NP	Nickel Plated	Carbon Steel



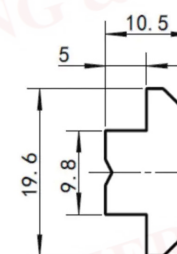
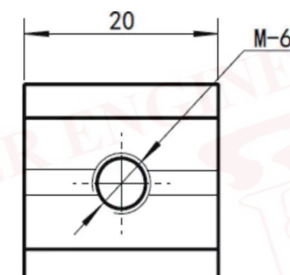
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M3	J03-HN-1003-M3-WZ	Zinc Plated	Carbon Steel
M4	J03-HN-1004-M4-WZ	Zinc Plated	Carbon Steel
M5	J03-HN-1005-M5-WZ	Zinc Plated	Carbon Steel
M6	J03-HN-1006-M6-WZ	Zinc Plated	Carbon Steel
M8	J03-HN-1008-M8-WZ	Zinc Plated	Carbon Steel
M3	J03-HN-1003-M3-NP	Nickel Plated	Carbon Steel
M4	J03-HN-1004-M4-NP	Nickel Plated	Carbon Steel
M5	J03-HN-1005-M5-NP	Nickel Plated	Carbon Steel
M6	J03-HN-1006-M6-NP	Nickel Plated	Carbon Steel
M8	J03-HN-1008-M8-NP	Nickel Plated	Carbon Steel



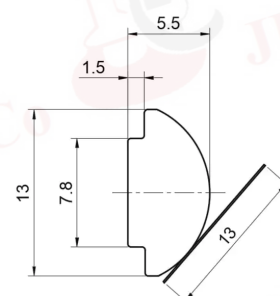
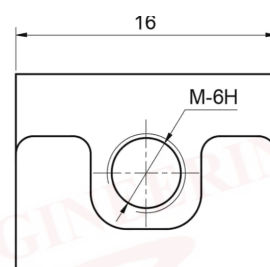
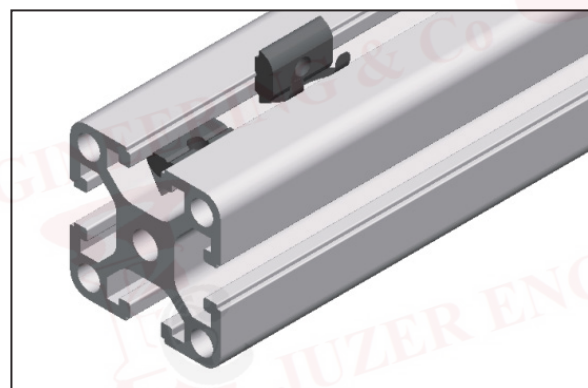
Thread Size	Part Number	Surface	Material
M3	J05-TN-0803-M3-WZ	Zinc Plated	Carbon Steel
M4	J05-TN-0804-M4-WZ	Zinc Plated	Carbon Steel
M5	J05-TN-0805-M5-WZ	Zinc Plated	Carbon Steel
M6	J05-TN-0806-M6-WZ	Zinc Plated	Carbon Steel
M8	J05-TN-0808-M8-WZ	Zinc Plated	Carbon Steel



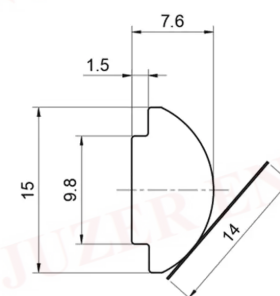
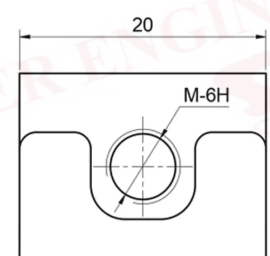
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M3	J04-TN-0603-M3-WZ	Zinc Plated	Carbon Steel
M4	J04-TN-0604-M4-WZ	Zinc Plated	Carbon Steel
M5	J04-TN-0605-M5-WZ	Zinc Plated	Carbon Steel
M6	J04-TN-0606-M6-WZ	Zinc Plated	Carbon Steel



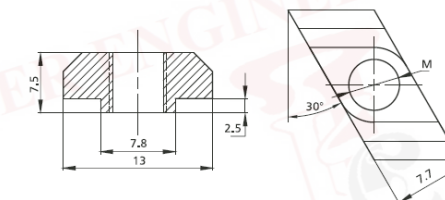
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M3	J06-TN-1003-M3-WZ	Zinc Plated	Carbon Steel
M4	J06-TN-1004-M4-WZ	Zinc Plated	Carbon Steel
M5	J06-TN-1005-M5-WZ	Zinc Plated	Carbon Steel
M6	J06-TN-1006-M6-WZ	Zinc Plated	Carbon Steel
M8	J06-TN-1008-M8-WZ	Zinc Plated	Carbon Steel



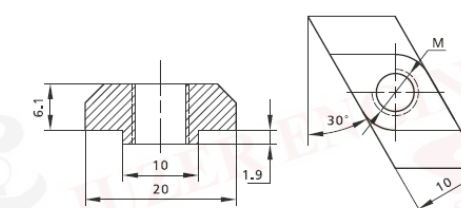
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M4	J07-LN-0804-M4-WZ	Zinc Plated	Carbon Steel
M5	J07-LN-0805-M5-WZ	Zinc Plated	Carbon Steel
M6	J07-LN-0806-M6-WZ	Zinc Plated	Carbon Steel
M8	J07-LN-0808-M8-WZ	Zinc Plated	Carbon Steel



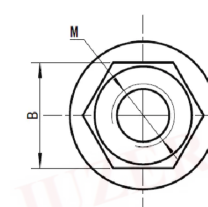
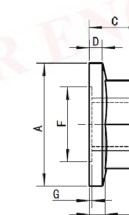
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M4	J08-LN-1004-M4-WZ	Zinc Plated	Carbon Steel
M5	J08-LN-1005-M5-WZ	Zinc Plated	Carbon Steel
M6	J08-LN-1006-M6-WZ	Zinc Plated	Carbon Steel
M8	J08-LN-1008-M8-WZ	Zinc Plated	Carbon Steel



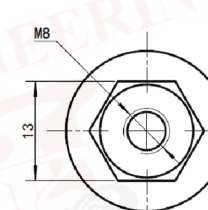
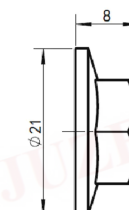
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M4	J09-RN-0804-M4-WZ	Zinc Plated	Carbon Steel
M5	J09-RN-0805-M5-WZ	Zinc Plated	Carbon Steel
M6	J09-RN-0806-M6-WZ	Zinc Plated	Carbon Steel



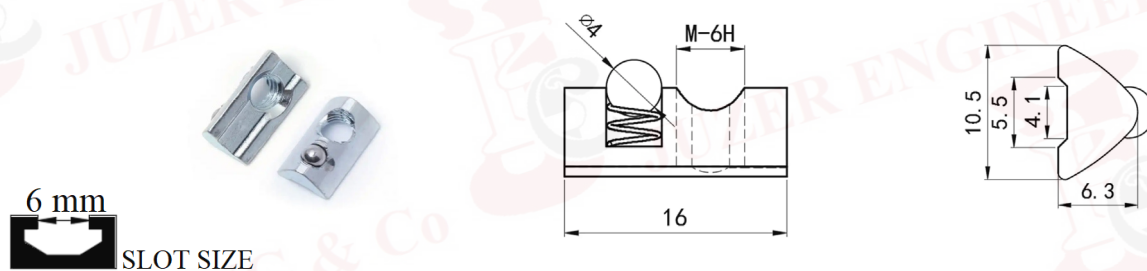
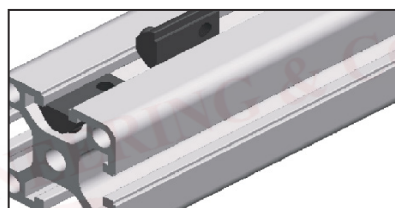
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M4	J10-RN-1004-M4-WZ	Zinc Plated	Carbon Steel
M5	J10-RN-1005-M5-WZ	Zinc Plated	Carbon Steel
M6	J10-RN-1006-M6-WZ	Zinc Plated	Carbon Steel
M8	J10-RN-1008-M8-WZ	Zinc Plated	Carbon Steel



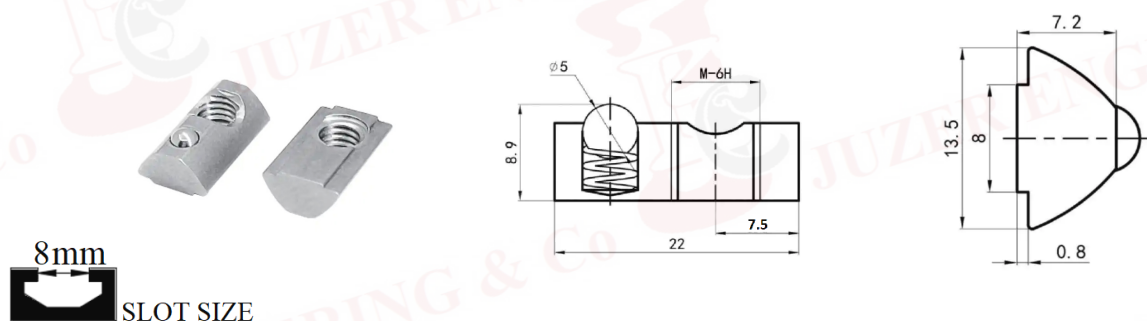
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M6	J11-FN-06S-M6-WZ	Φ13.5	10	6	1.2	2	Φ9	0.5	Zn Plated	Carbon Steel
M8	J11-FN-08S-M8-WZ	Φ17.5	12.5	8	2	3	Φ12	0.5	Zn Plated	Carbon Steel



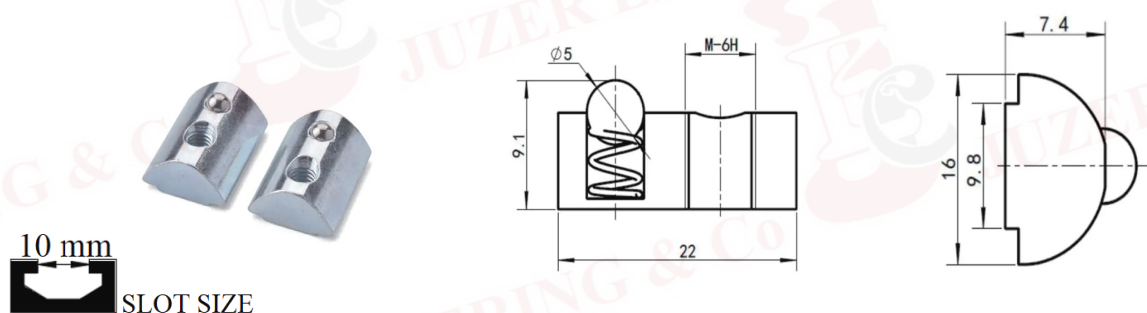
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M8	J12-FN-08P-M8-WZ	Zinc Plated	Carbon Steel



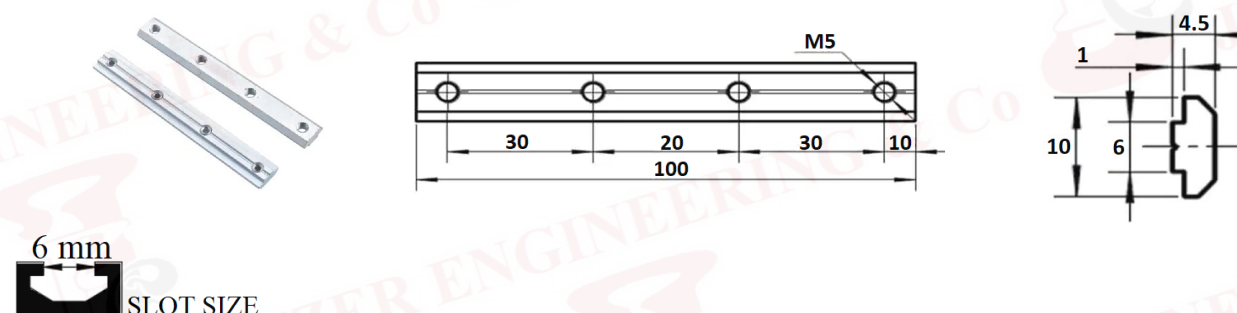
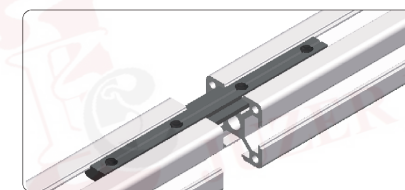
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M3	J13-BN-0603-M3-WZ	Zinc Plated	Carbon Steel
M4	J13-BN-0604-M4-WZ	Zinc Plated	Carbon Steel
M5	J13-BN-0605-M5-WZ	Zinc Plated	Carbon Steel



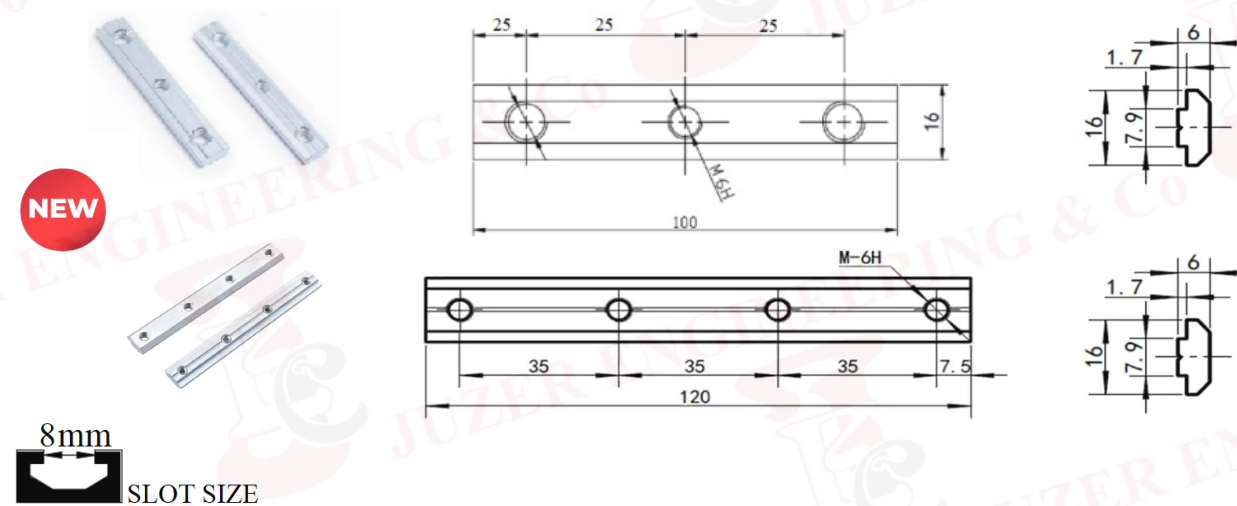
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M4	J14-BN-0804-M4-WZ	Zinc Plated	Carbon Steel
M5	J14-BN-0805-M5-WZ	Zinc Plated	Carbon Steel
M6	J14-BN-0806-M6-WZ	Zinc Plated	Carbon Steel



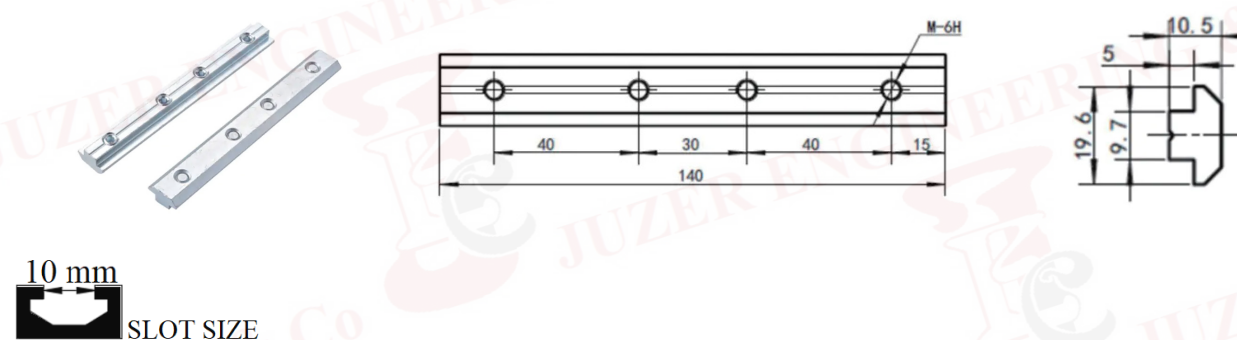
Thread Size	Part Number	Surface	Material
M4	J15-BN-1004-M4-WZ	Zinc Plated	Carbon Steel
M5	J15-BN-1005-M5-WZ	Zinc Plated	Carbon Steel
M6	J15-BN-1006-M6-WZ	Zinc Plated	Carbon Steel
M8	J15-BN-1008-M8-WZ	Zinc Plated	Carbon Steel



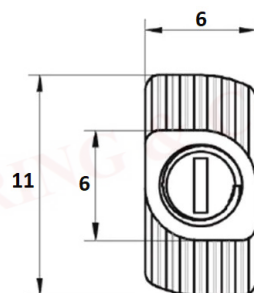
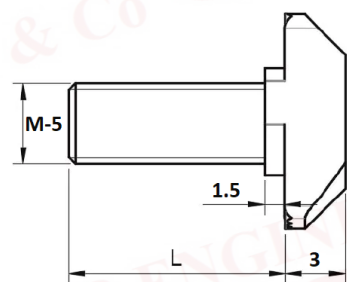
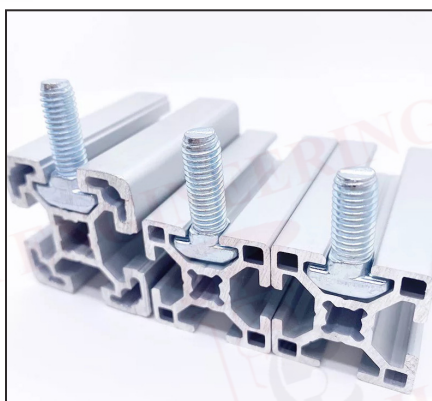
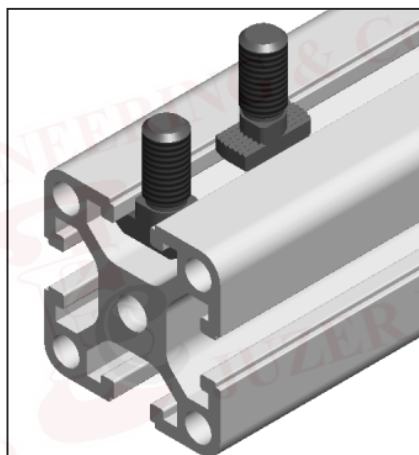
Thread Size	Part Number	Surface	Material
M5	J16-TC-0610005-M5-WZ	Zinc Plated	Carbon Steel



Thread Size	Part Number	Surface	Material
M6	J17-TC-0810006-M6-WZ	Zinc Plated	Carbon Steel
M6	J17-TC-0812006-M6-WZ	Zinc Plated	Carbon Steel

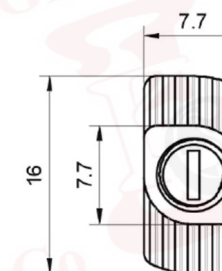
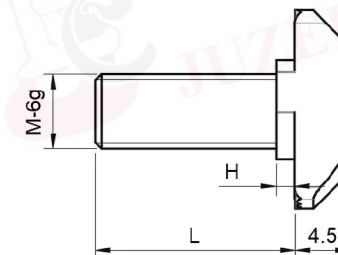


Thread Size	Part Number	Surface	Material
M8	J18-TC-1014008-M8-WZ	Zinc Plated	Carbon Steel



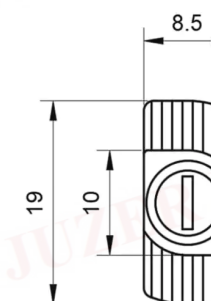
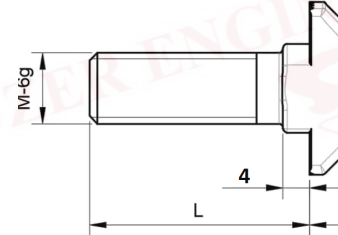
6 mm
SLOT SIZE

Thread Size	Length (L)	Part Number	Surface	Material
M5	10	J19-HB-06510-M5-WZ	Zinc Plated	Carbon Steel
M5	12	J19-HB-06512-M5-WZ	Zinc Plated	Carbon Steel
M5	16	J19-HB-06516-M5-WZ	Zinc Plated	Carbon Steel
M5	20	J19-HB-06520-M5-WZ	Zinc Plated	Carbon Steel



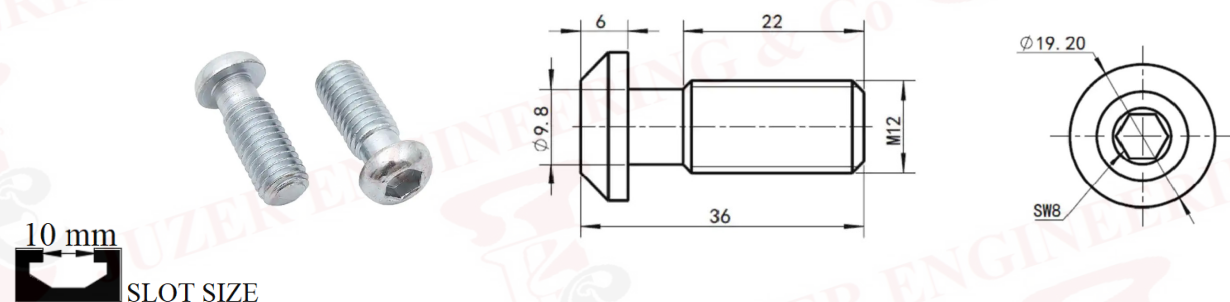
8mm
SLOT SIZE

Thread Size	Length (L)	Height (H)	Part Number	Surface	Material
M6	16	1.5	J20-HB-08615-M6-WZ	Zinc Plated	Carbon Steel
M6	20	1.5	J20-HB-08620-M6-WZ	Zinc Plated	Carbon Steel
M6	25	1.5	J20-HB-08625-M6-WZ	Zinc Plated	Carbon Steel
M8	20	3	J20-HB-08820-M8-WZ	Zinc Plated	Carbon Steel
M8	25	3	J20-HB-08825-M8-WZ	Zinc Plated	Carbon Steel
M8	30	3	J20-HB-08830-M8-WZ	Zinc Plated	Carbon Steel



10 mm
SLOT SIZE

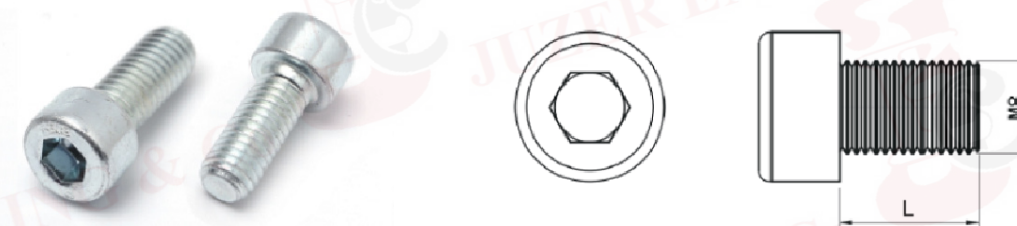
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M8	15	J21-HB-10815-M8-WZ	Zinc Plated	Carbon Steel
M8	20	J21-HB-10820-M8-WZ	Zinc Plated	Carbon Steel
M8	25	J21-HB-10825-M8-WZ	Zinc Plated	Carbon Steel
M8	30	J21-HB-10830-M8-WZ	Zinc Plated	Carbon Steel
M8	40	J21-HB-10840-M8-WZ	Zinc Plated	Carbon Steel
M8	60	J21-HB-10860-M8-WZ	Zinc Plated	Carbon Steel
M8	20	J21-HB-10820-M8-NP	Nickel Plated	Carbon Steel
M8	25	J21-HB-10825-M8-NP	Nickel Plated	Carbon Steel
M8	25	J21-HB-10825-M8-SS	Polished	SUS304



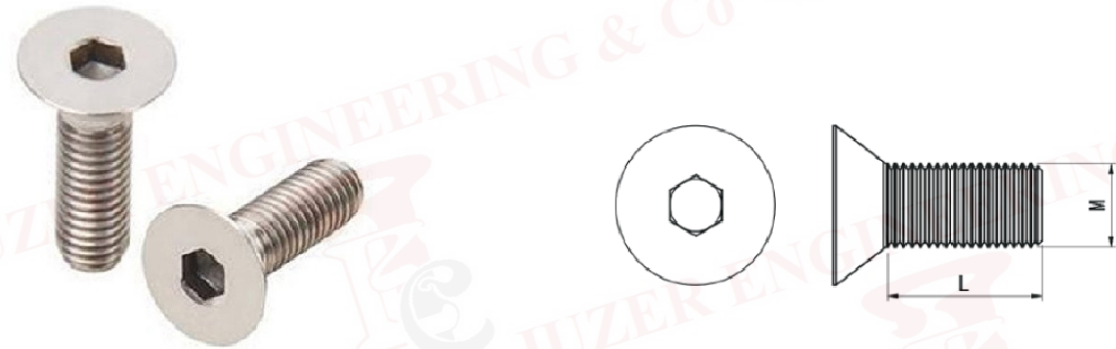
Bolt Size	Part Number	Surface	Material
M12x30	J22-BC-1230-M12-WZ	Zinc Plated	Carbon Steel



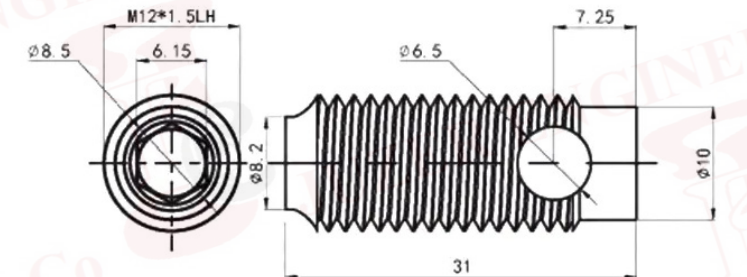
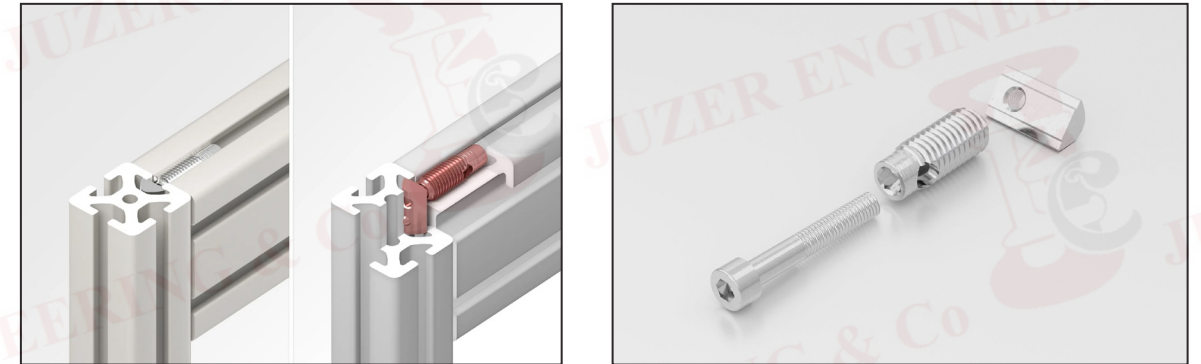
Thread Size	Length-L (mm)	Part Number	Surface	Material
M4	8	J23-BHS-408-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	10	J23-BHS-410-WZ/NP		
	12	J23-BHS-412-WZ/NP		
	16	J23-BHS-416-WZ/NP		
	20	J23-BHS-420-WZ/NP		
	25	J23-BHS-425-WZ/NP		
M5	8	J23-BHS-508-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	10	J23-BHS-510-WZ/NP		
	12	J23-BHS-512-WZ/NP		
	16	J23-BHS-516-WZ/NP		
	20	J23-BHS-520-WZ/NP		
M6	12	J23-BHS-612-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	16	J23-BHS-616-WZ/NP		
	20	J23-BHS-620-WZ/NP		
	25	J23-BHS-625-WZ/NP		
	30	J23-BHS-630-WZ/NP		
M8	12	J23-BHS-812-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	16	J23-BHS-816-WZ/NP		
	20	J23-BHS-820-WZ/NP		
	25	J23-BHS-825-WZ/NP		
	30	J23-BHS-830-WZ/NP		
	40	J23-BHS-840-WZ/NP		



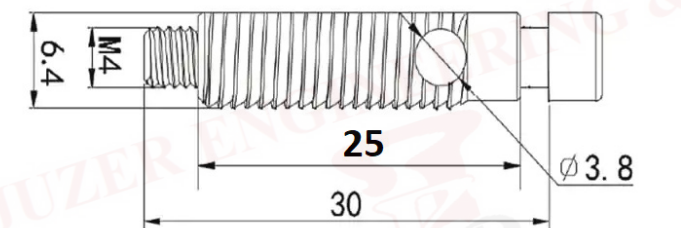
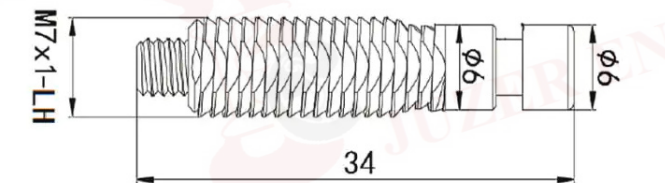
Thread Size	Length-L (mm)	Part Number	Surface	Material
M4	8	J24-SHS-408-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	10	J24-SHS-410-WZ/NP		
	12	J24-SHS-412-WZ/NP		
	16	J24-SHS-416-WZ/NP		
	20	J24-SHS-420-WZ/NP		
	25	J24-SHS-425-WZ/NP		
M5	8	J24-SHS-508-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	10	J24-SHS-510-WZ/NP		
	12	J24-SHS-512-WZ/NP		
	16	J24-SHS-516-WZ/NP		
	20	J24-SHS-520-WZ/NP		
M6	12	J24-SHS-612-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	16	J24-SHS-616-WZ/NP		
	20	J24-SHS-620-WZ/NP		
	25	J24-SHS-625-WZ/NP		
M8	12	J24-SHS-812-WZ/NP	Zinc Plated/Nickel Plated	Carbon Steel
	16	J24-SHS-816-WZ/NP		
	20	J24-SHS-820-WZ/NP		
	25	J24-SHS-825-WZ/NP		
	30	J24-SHS-830-WZ/NP		
	40	J24-SHS-840-WZ/NP		



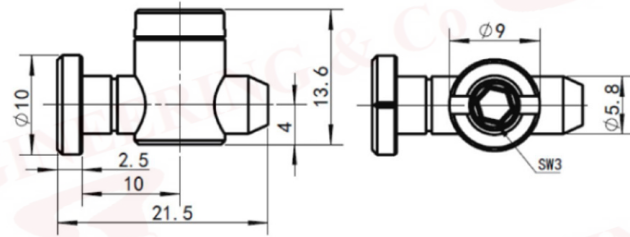
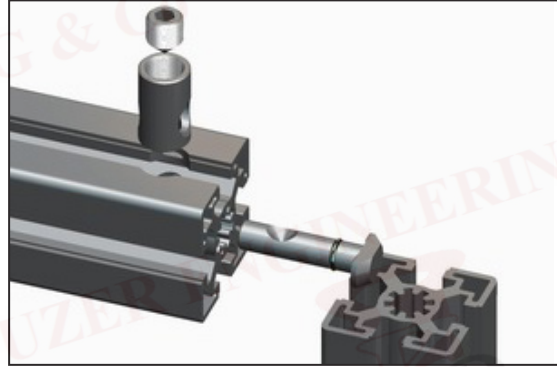
Thread Size	Length-L (mm)	Part Number	Surface	Material
M4	8	J25-CSK-408-SS	Polished	SUS304
	10	J25-CSK-410-SS		
	12	J25-CSK-412-SS		
	16	J25-CSK-416-SS		
	20	J25-CSK-420-SS		
	25	J25-CSK-425-SS		
M5	8	J25-CSK-508-SS	Polished	SUS304
	10	J25-CSK-510-SS		
	12	J25-CSK-512-SS		
	16	J25-CSK-516-SS		
	20	J25-CSK-520-SS		
	25	J25-CSK-525-SS		
M6	12	J25-CSK-612-SS	Polished	SUS304
	16	J25-CSK-616-SS		
	20	J25-CSK-620-SS		
	25	J25-CSK-625-SS		
	30	J25-CSK-630-SS		
M8	12	J25-CSK-812-SS	Polished	SUS304
	16	J25-CSK-816-SS		
	20	J25-CSK-820-SS		
	25	J25-CSK-825-SS		
	30	J25-CSK-830-SS		
	40	J25-CSK-840-SS		



Bolt Size	Part Number	Surface	Material
M12x30	J26-HCS-1230	Zinc Plated	Carbon Steel



Bolt Size	Part Number	Surface	Material
M7x25	J27-HCS-0725	Zinc Plated	Carbon Steel

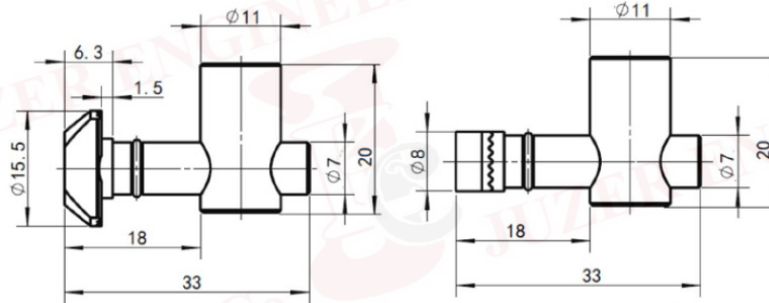


6 mm



SLOT SIZE

Dimensions (mm)	Part Number	Surface	Material
5.8x19	J28-CC-0601	Zinc Plated	Carbon Steel



8mm



SLOT SIZE

Dimensions (mm)	Part Number	Surface	Material
7.1x28 - 0°	J29-CC-0801	Zinc Plated	Carbon Steel
7.1x28 - 90°	J29-CC-0802	Zinc Plated	Carbon Steel

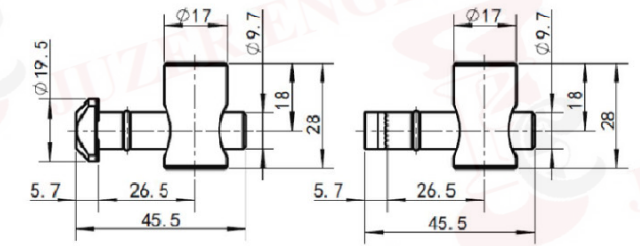


10 mm



SLOT SIZE

Dimensions (mm)	Part Number	Surface	Material
9.8x40 - 0°	J30-CC-1001	Zinc Plated	Carbon Steel
9.8x40 - 90°	J30-CC-1002	Zinc Plated	Carbon Steel



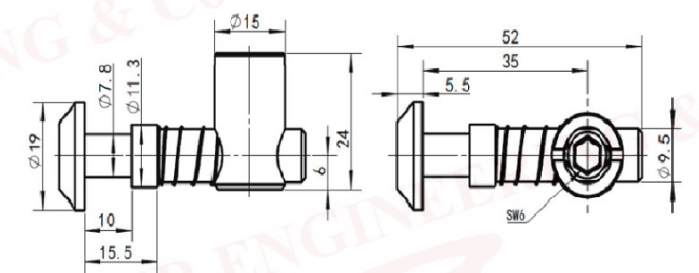
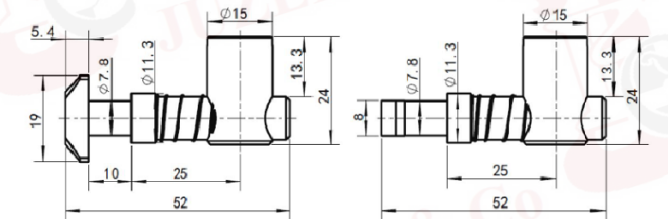
10 mm



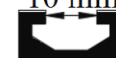
SLOT SIZE

T SIZE

Dimensions (mm)	Part Number	Surface	Material
11.3x52 - 0°	J31-CC-1003	Zinc Plated	Carbon Steel
11.3x52 - 90°	J31-CC-1004	Zinc Plated	Carbon Steel



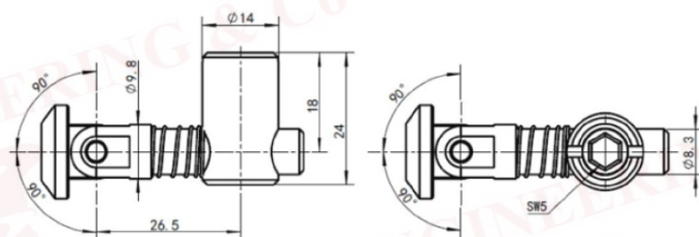
10 mm



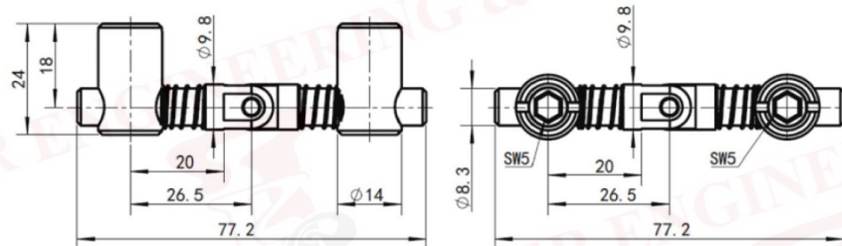
SLOT SIZE

Dimensions (mm)	Part Number	Surface	Material
11.3x52	J32-CC-1005	Zinc Plated	Carbon Steel

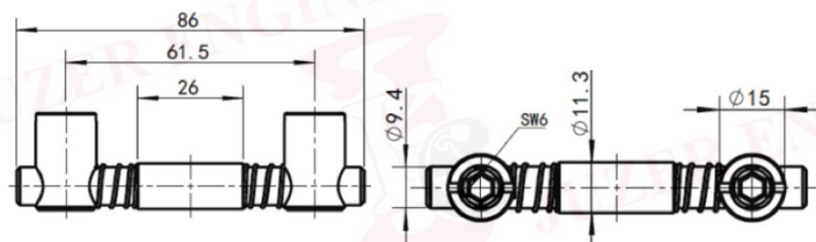




SLOT SIZE

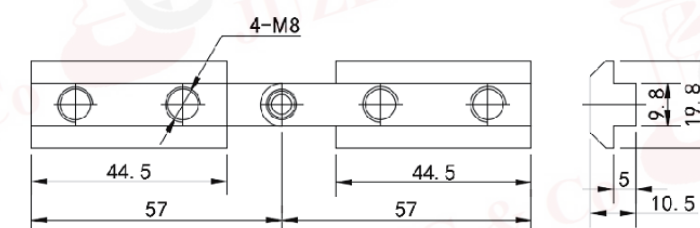
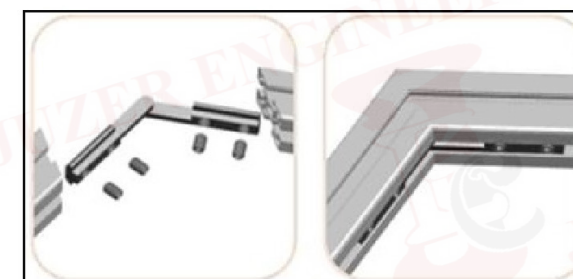
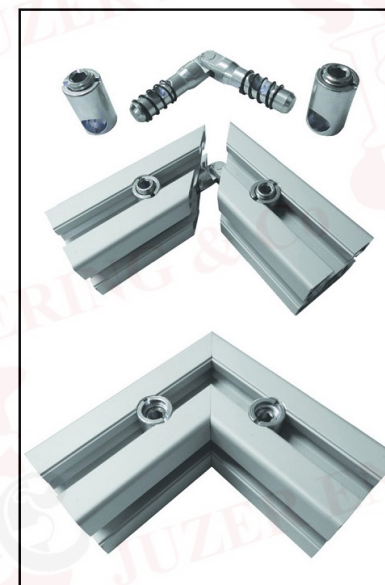


SLOT SIZE

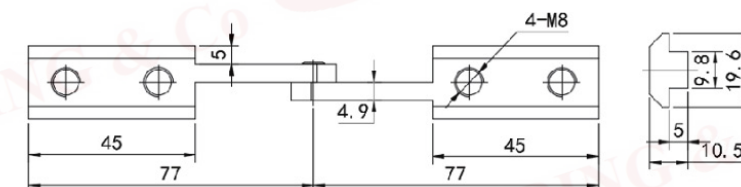


SLOT SIZE

Dimensions (mm)	Part Number	Surface	Material
11.3x86	J35-CC-1010	Zinc Plated	Carbon Steel

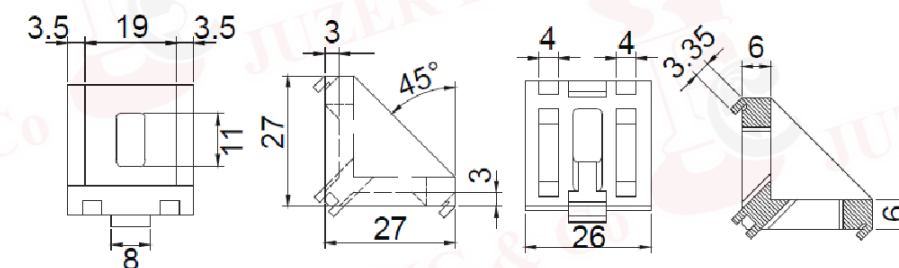


SLOT SIZE

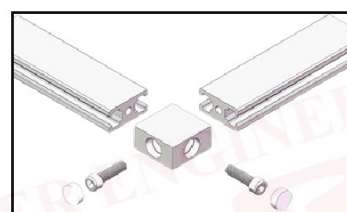
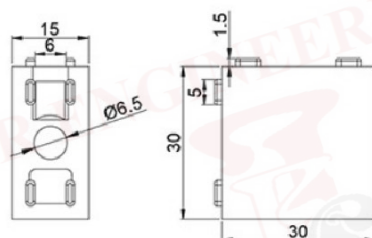


SLOT SIZE

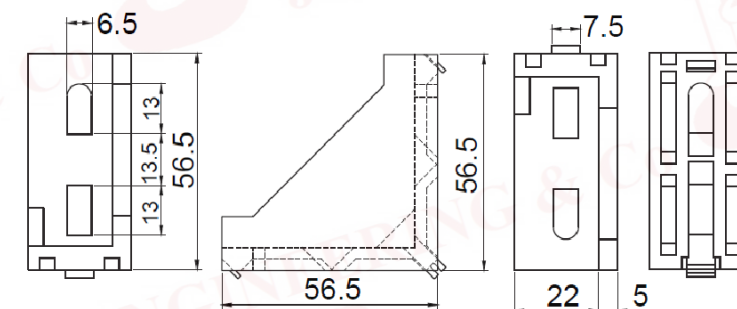
Dimensions (mm)	Part Number	Surface	Material
M8x154	J37-FC-1002	Zinc Plated	Carbon Steel



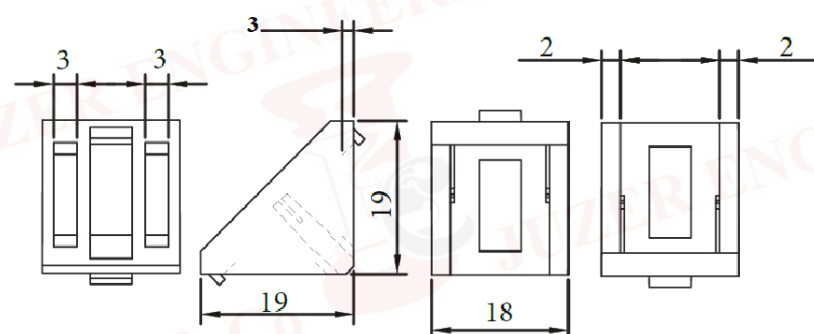
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
30x30	8	J38-BK-3030	Sand Blast	Die Cast Aluminium



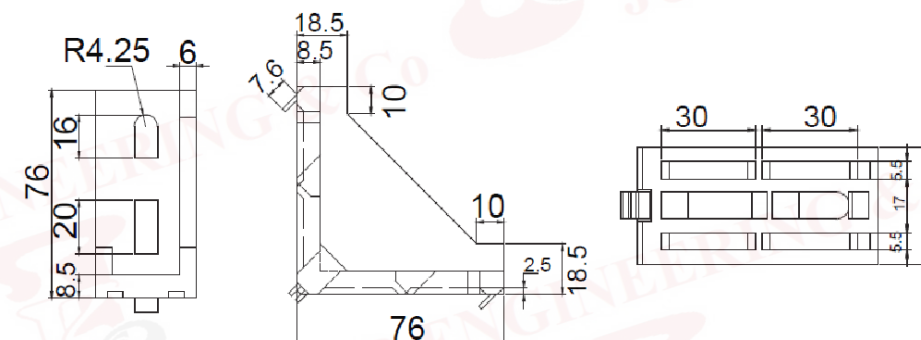
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
15x30	6	J38-BK-1530	Sand Blast	Die Cast Aluminium



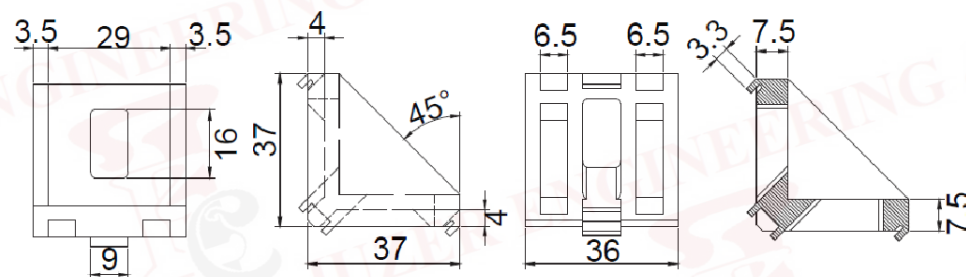
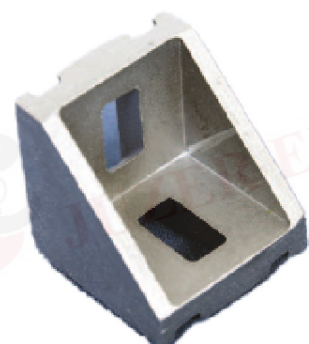
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
30x60	8	J38-BK-3060	Sand Blast	Die Cast Aluminium



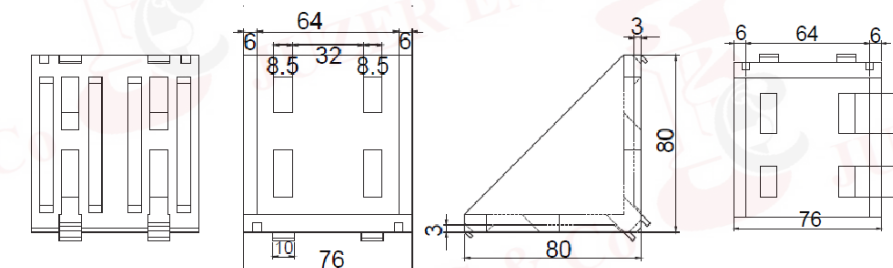
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
20x20	6	J38-BK-2020	Sand Blast	Die Cast Aluminium
20x40	6	J38-BK-2040	Sand Blast	Die Cast Aluminium



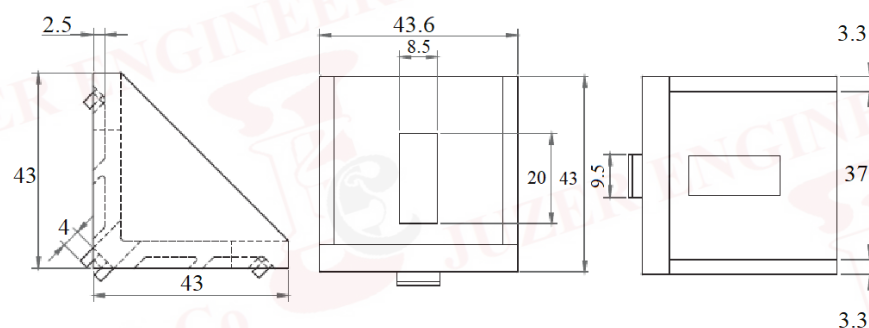
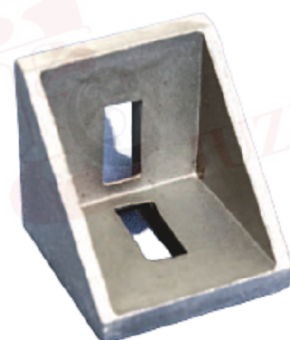
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
40x80	10	J38-BK-4080	Sand Blast	Die Cast Aluminium



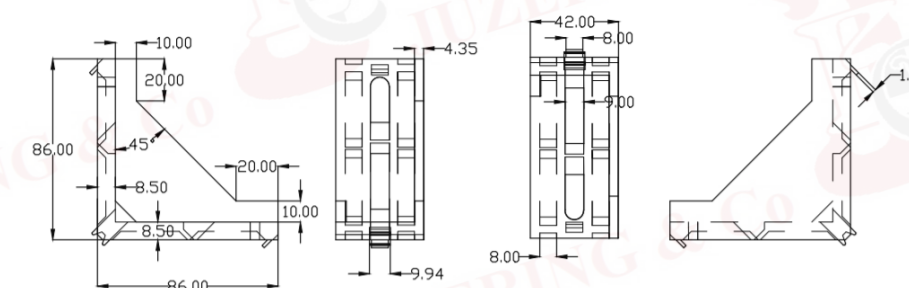
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
40x40	10	J38-BK-4040	Sand Blast	Die Cast Aluminium



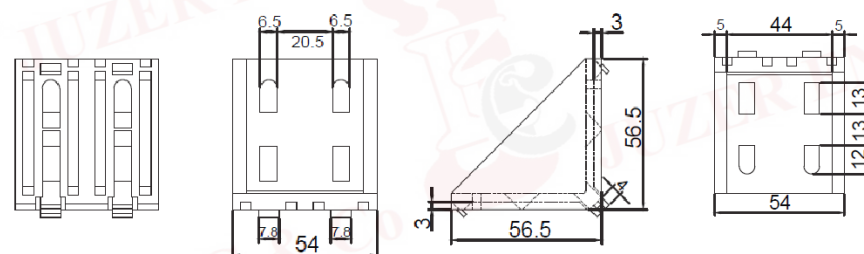
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
80x80	10	J38-BK-8080	Sand Blast	Die Cast Aluminium



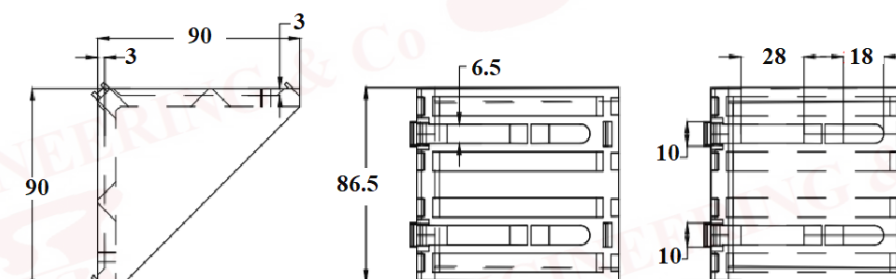
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
45x45	10	J38-BK-4545	Sand Blast	Die Cast Aluminium



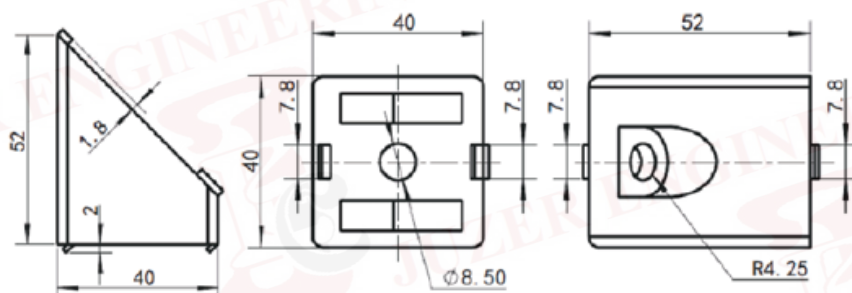
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
45x90	10	J38-BK-4590	Sand Blast	Die Cast Aluminium



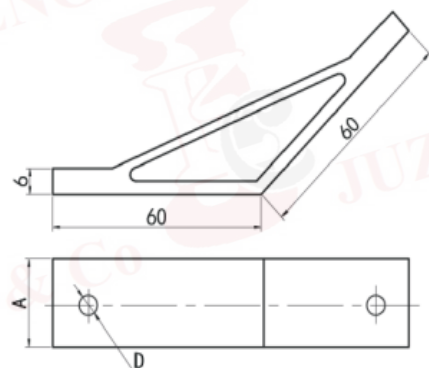
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
60x60	10	J38-BK-6060	Sand Blast	Die Cast Aluminium



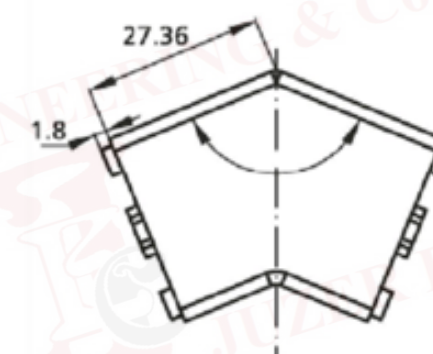
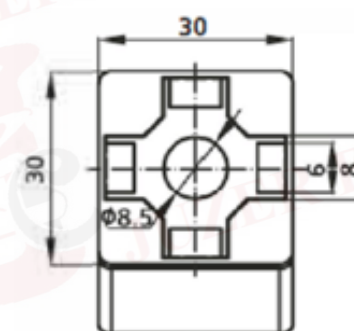
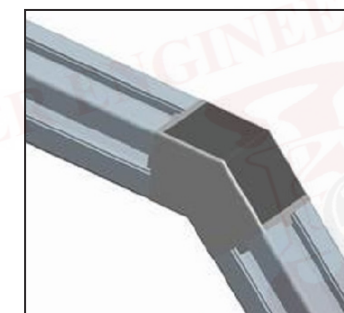
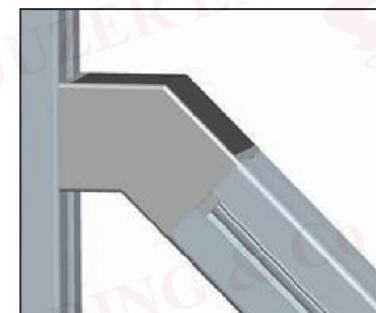
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
90x90	10	J38-BK-9090	Sand Blast	Die Cast Aluminium



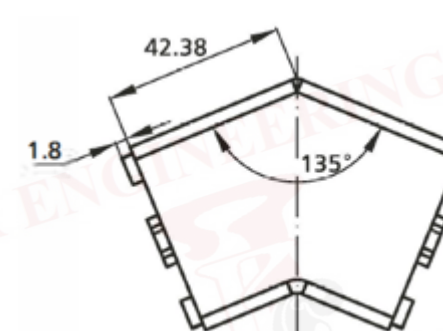
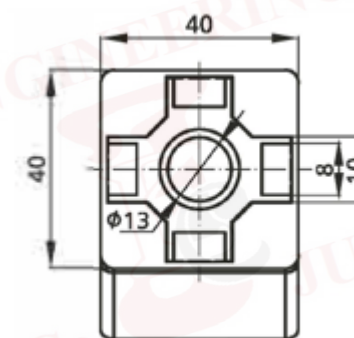
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
30x30	8	J39-BK3030-45°	Anodized	Die Cast Aluminium
40x40	10	J39-BK4040-45°	Anodized	Die Cast Aluminium
45x45	10	J39-BK4545-45°	Anodized	Die Cast Aluminium



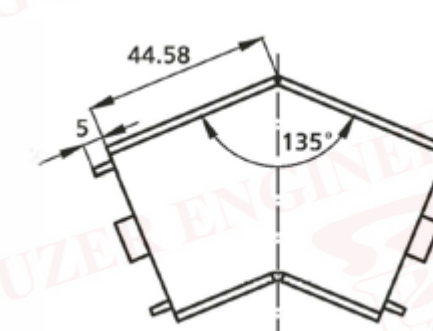
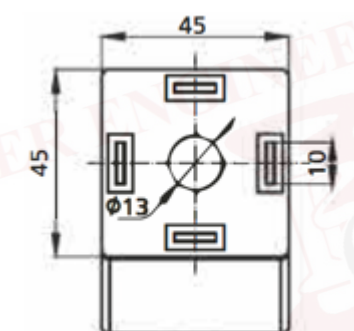
Size (mm)	A (mm)	D (mm)	Part Number	Surface	Material
20x20	20	6	J103-BK2020-135°	Anodized	Aluminium Alloy
30x30	28	8.5	J103-BK3030-135°	Anodized	Aluminium Alloy
40x40	35	8.5	J103-BK4040-135°	Anodized	Aluminium Alloy



Size (mm)	Slot Width (mm)	Part Number	Surface	Material
30x30	8	J40-BK3030-135°	Anodized	Die Cast Aluminium



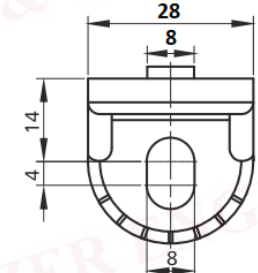
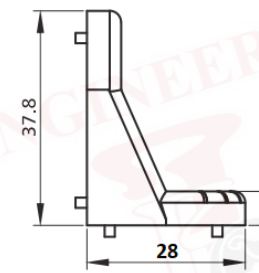
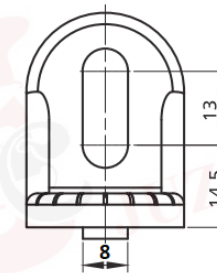
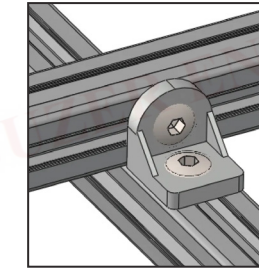
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
40x40	10	J40-BK4040-135°	Anodized	Die Cast Aluminium



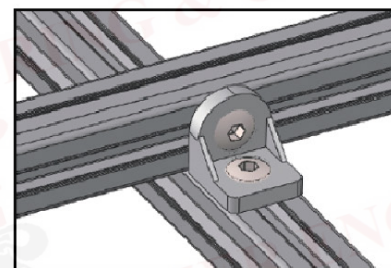
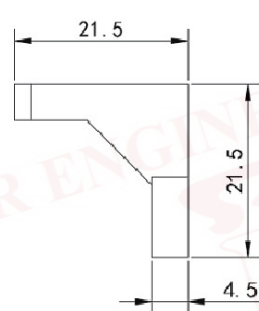
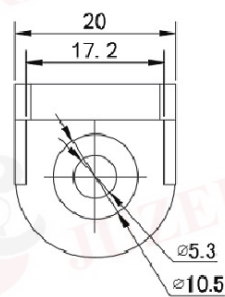
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
45x45	10	J40-BK4545-135°	Anodized	Die Cast Aluminium



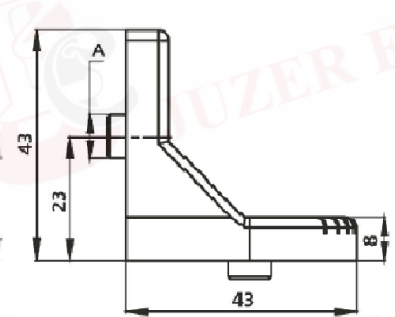
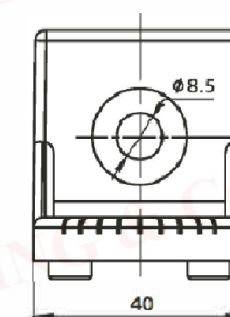
REPLACE EVERYTHING AND ALIGN



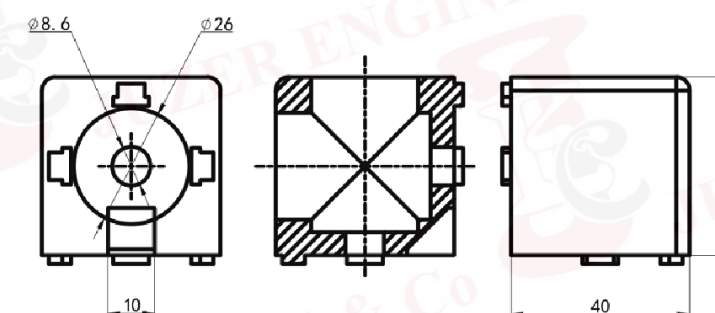
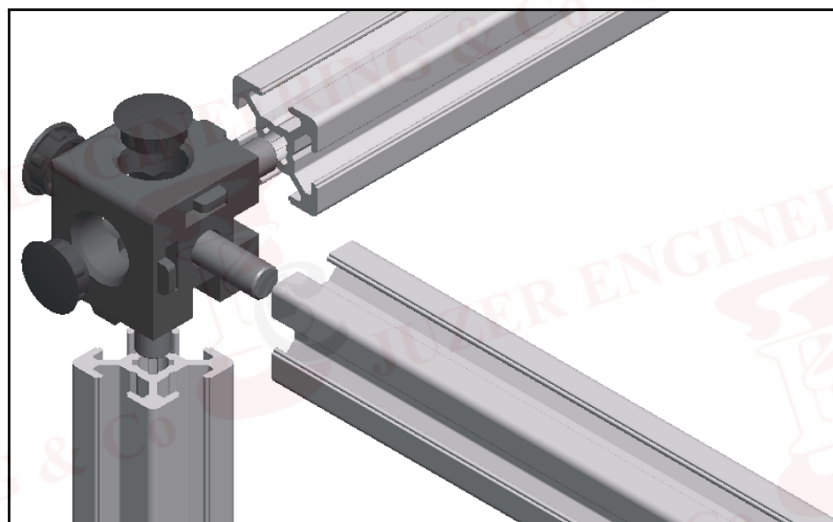
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
30x30	8	J41-BK-3030S	Anodized	Die Cast Aluminium



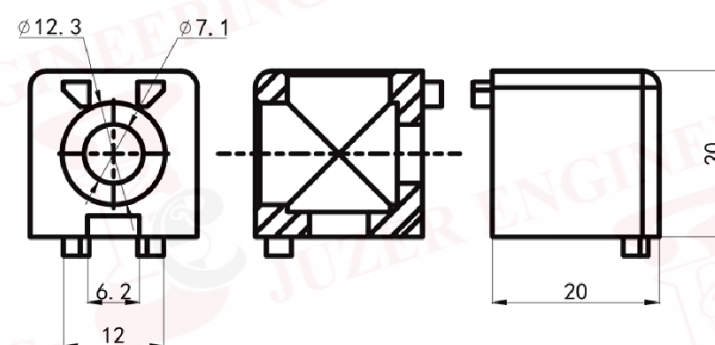
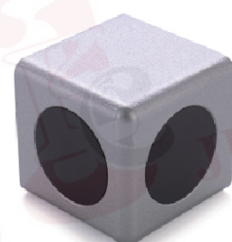
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
20x20	6	J41-BK-2020S	Anodized	Die Cast Aluminium



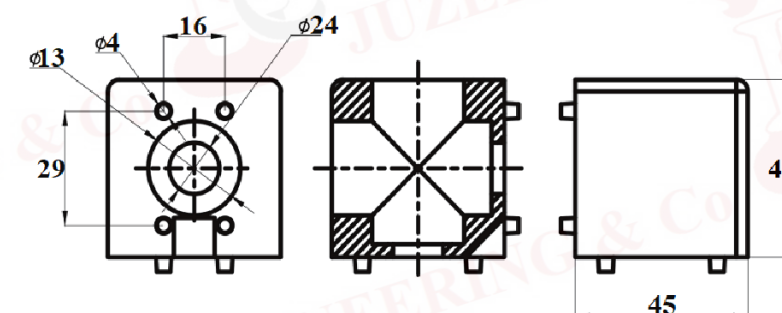
Size (mm)	Slot Width (mm)	Part Number	Surface	Material
40x40	10	J41-BK-4040S	Anodized	Die Cast Aluminium



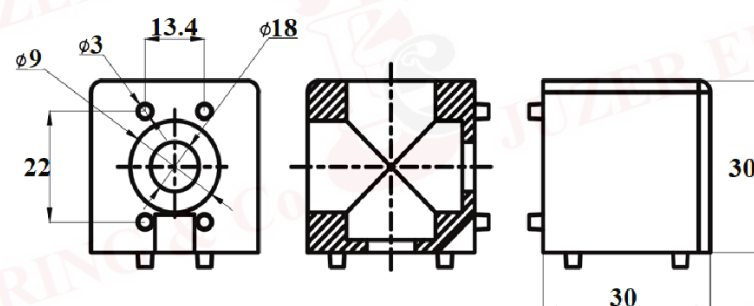
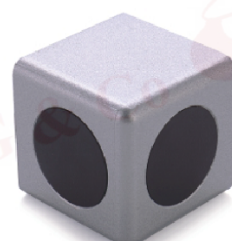
Size (mm)	Part Number	Surface	Material
40x40	J42-2WCB-4040	Anodized	Die Cast Aluminium



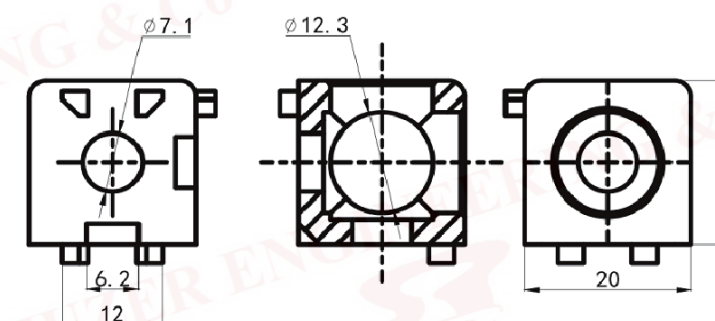
Size (mm)	Part Number	Surface	Material
20x20	J42-2WCB-2020	Anodized	Die Cast Aluminium



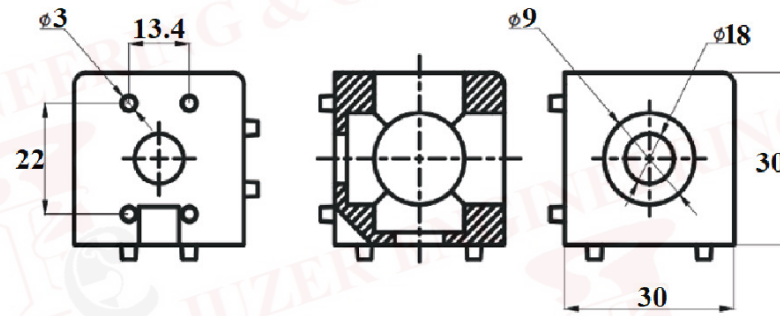
Size (mm)	Part Number	Surface	Material
45x45	J42-2WCB-4545	Anodized	Die Cast Aluminium



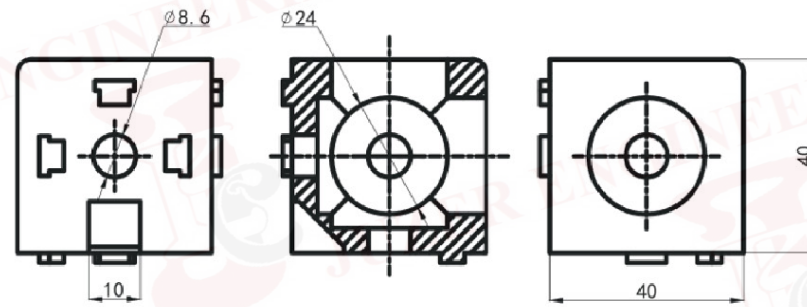
Size (mm)	Part Number	Surface	Material
30x30	J42-2WCB-3030	Anodized	Die Cast Aluminium



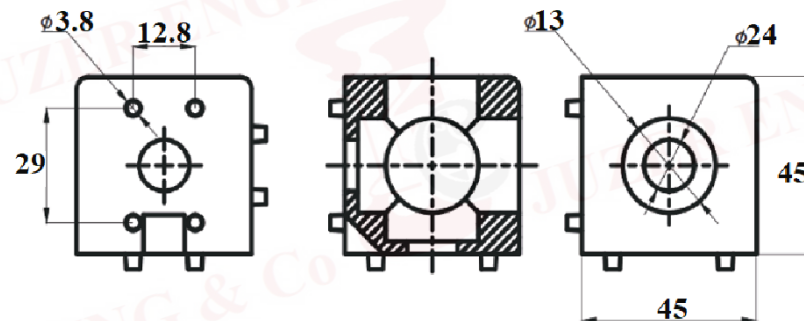
Size (mm)	Part Number	Surface	Material
20x20	J43-3WCB-2020	Anodized	Die Cast Aluminium



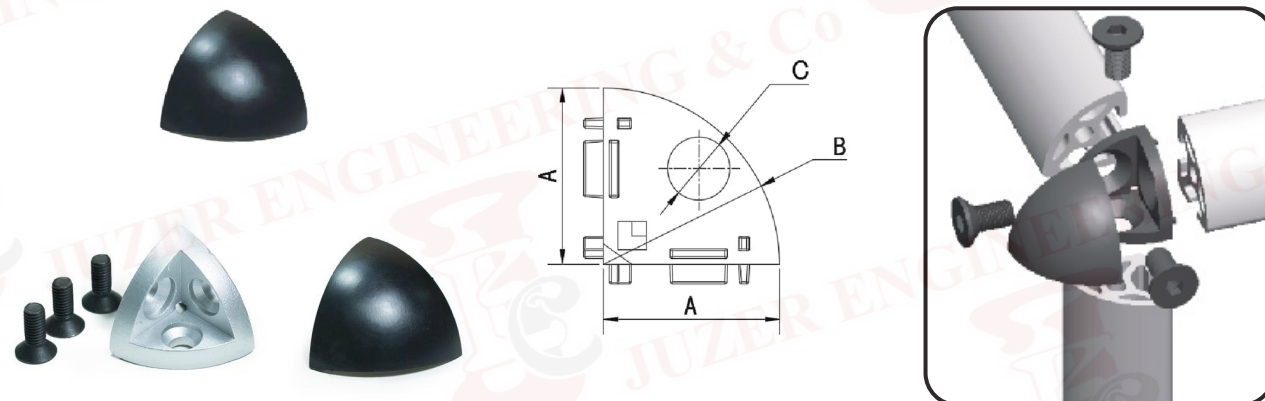
Size (mm)	Part Number	Surface	Material
30x30	J43-3WCB-3030	Anodized	Die Cast Aluminium



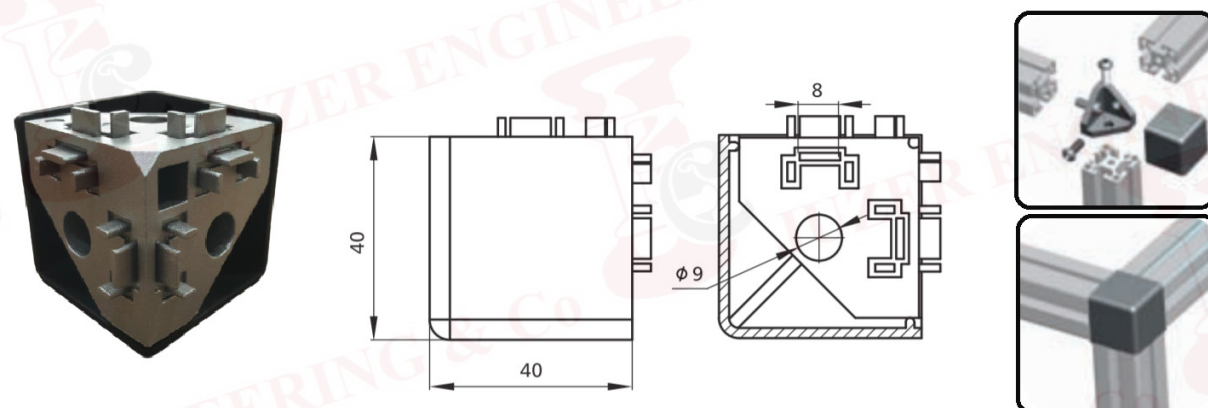
Size (mm)	Part Number	Surface	Material
40x40	J43-3WCB-4040	Anodized	Die Cast Aluminium



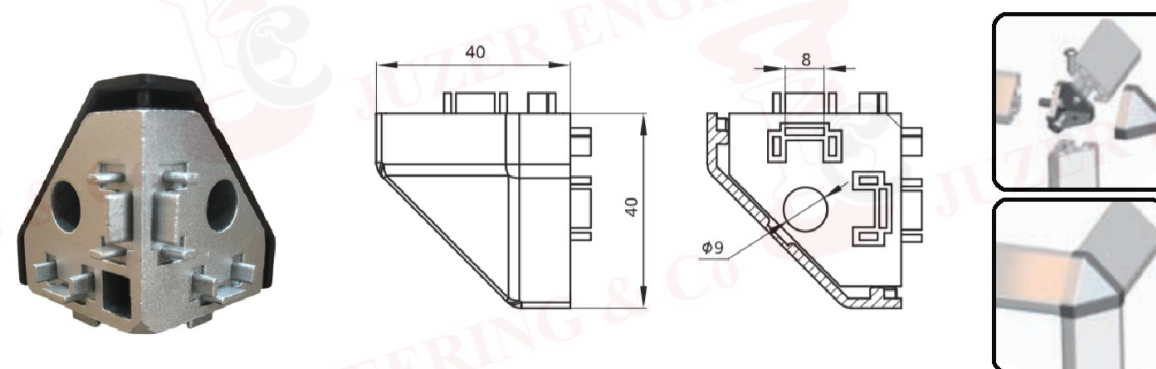
Size (mm)	Part Number	Surface	Material
45x45	J43-3WCB-4545	Anodized	Die Cast Aluminium



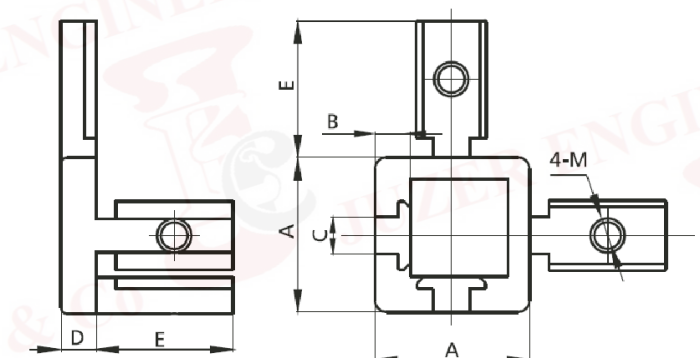
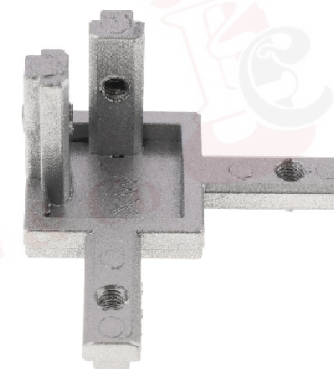
Size (mm)	Part Number	A	B	C	Surface	Material
20x20	J44-BK-2020R	18.5	R20	6	Zinc Plated	Die Cast Zinc
30x30	J44-BK-3030R	28	R30	9	Zinc Plated	Die Cast Zinc
40x40	J44-BK-4040R	38	R40	9	Zinc Plated	Die Cast Zinc
45x45	J44-BK-4545R	42	R45	12.5	Zinc Plated	Die Cast Zinc



Size (mm)	Part Number	Surface	Material
40x40	J100-BK-4040-SQ	Zinc Plated	Die Cast Zinc

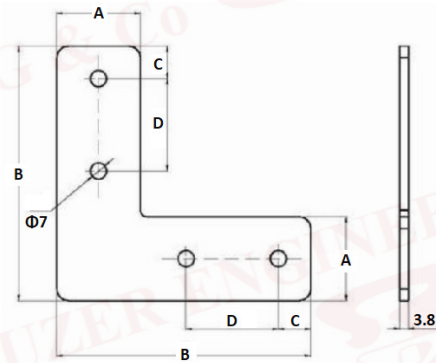


Size (mm)	Part Number	Surface	Material
40x40	J100-BK-4040-ANG	Zinc Plated	Die Cast Zinc

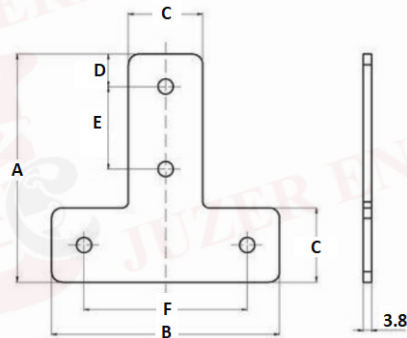


ALL DIMENSIONS IN mm

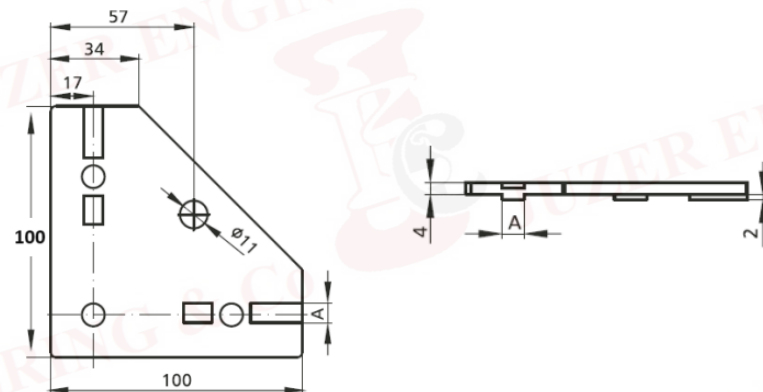
Size(mm)	Slot Size	Part Number	A	B	C	D	E	M	Surface	Material
20x20	6	J45-3WIB-2020	20	5	5.5	5	15.5	M4	Zinc Plated	Die Cast Zinc
30x30	8	J45-3WIB-3030	30	5	7.5	5	25	M6	Zinc Plated	Die Cast Zinc
40x40	10	J45-3WIB-4040	40	9.1	9.5	9.1	35	M8	Zinc Plated	Die Cast Zinc



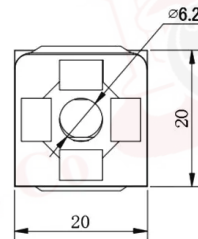
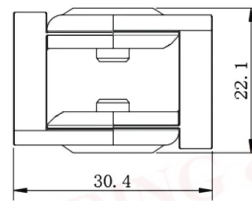
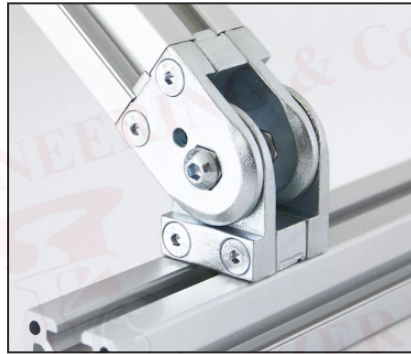
Profile Size	Part Number	A	B	C	D	Surface	Material
30x30	J46-LPC-3030	100	90	15	35	Zinc Plated	Carbon Steel
40x40 45x45	J46-LPC-40/45	36	110	15	40	Zinc Plated	Carbon Steel



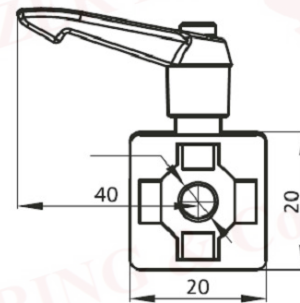
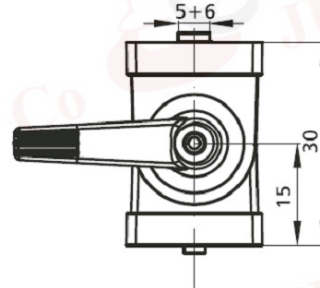
Profile Size	Part Number	A	B	C	D	E	F	Surface	Material
30x30	J47-TPC-3030	97	90	26	15	35	60	Zinc Plated	Carbon Steel
40x40 45x45	J47-TPC-40/45	110	110	36	16	40	80	Zinc Plated	Carbon Steel



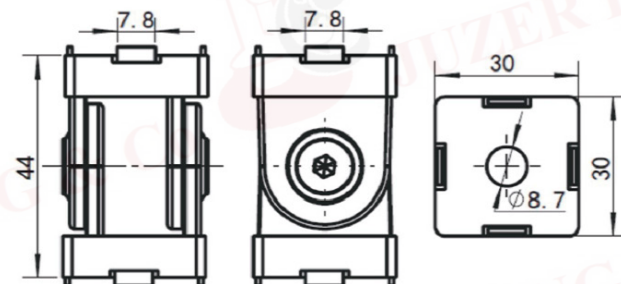
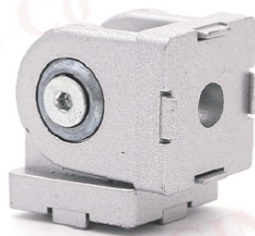
Slot Size (mm)	Part Number	Hole Size	Surface	Material
8	J48-CPC-08	M4	Zinc Plated	Carbon Steel
10	J48-CPC-10	M5	Zinc Plated	Carbon Steel



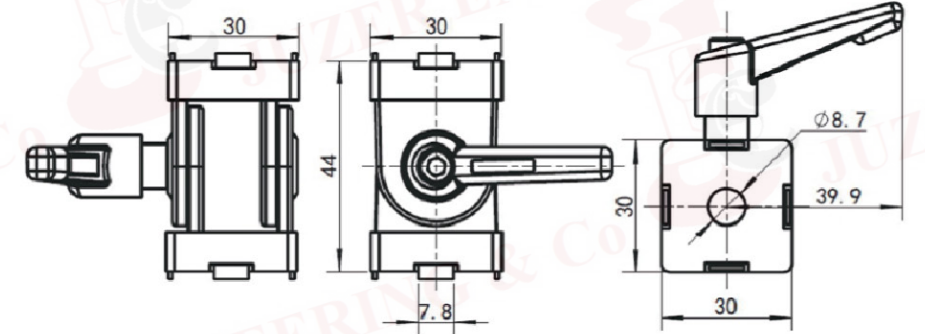
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
20x20	6	J49-PJ-2020	Zinc Plated	Die Cast Zinc



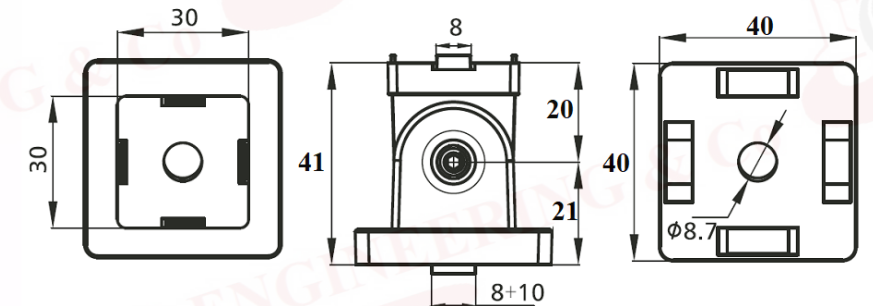
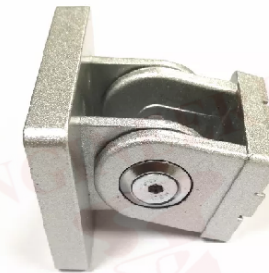
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
20x20	6	J50-PJL-2020	Zinc Plated	Die Cast Zinc



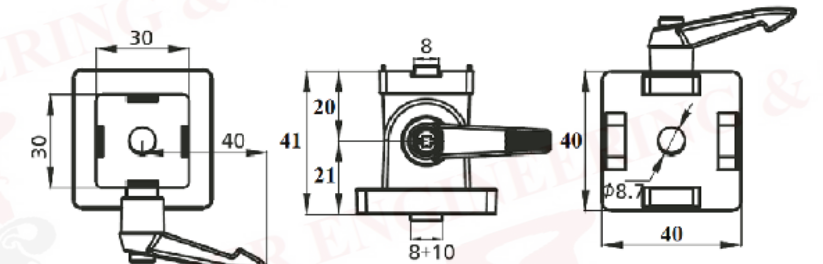
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
30x30	8	J49-PJ-3030	Zinc Plated	Die Cast Zinc



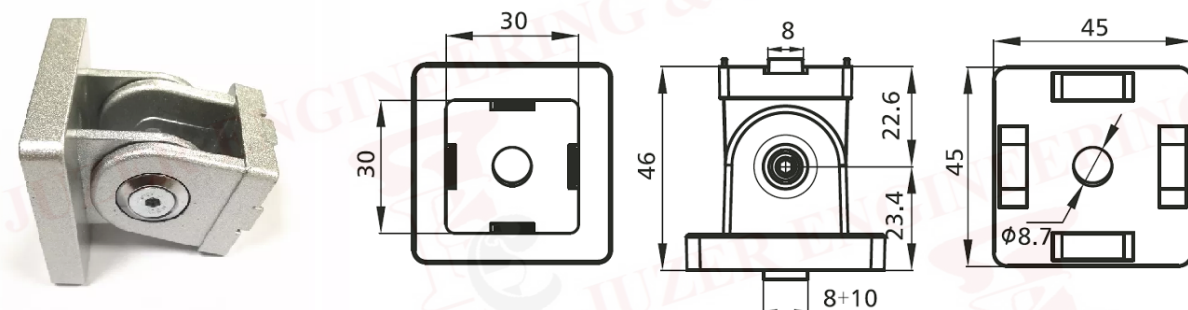
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
30x30	8	J50-PJL-3030	Zinc Plated	Die Cast Zinc



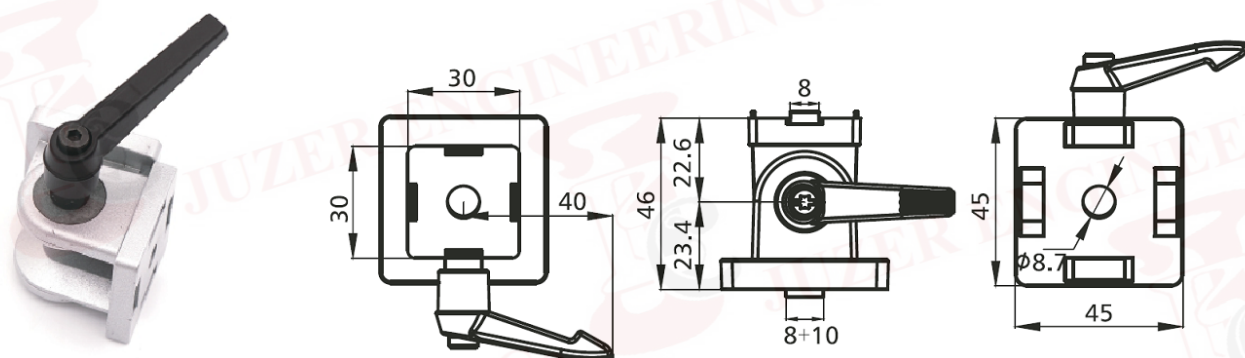
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
30x40	8 + 10	J49-PJ-3040	Zinc Plated	Die Cast Zinc



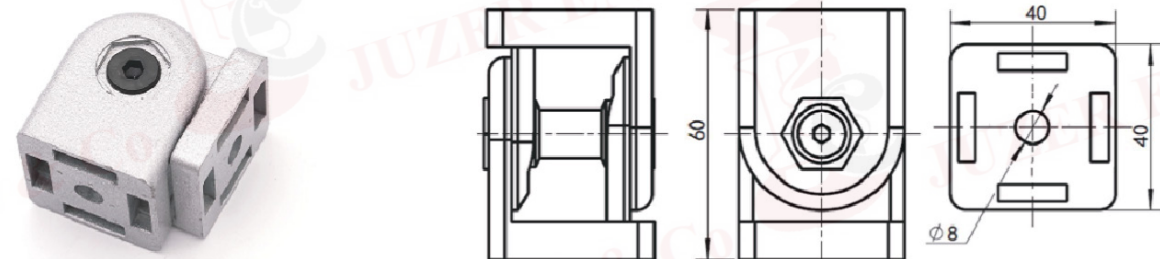
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
30x40	8 + 10	J50-PJL-3040	Zinc Plated	Die Cast Zinc



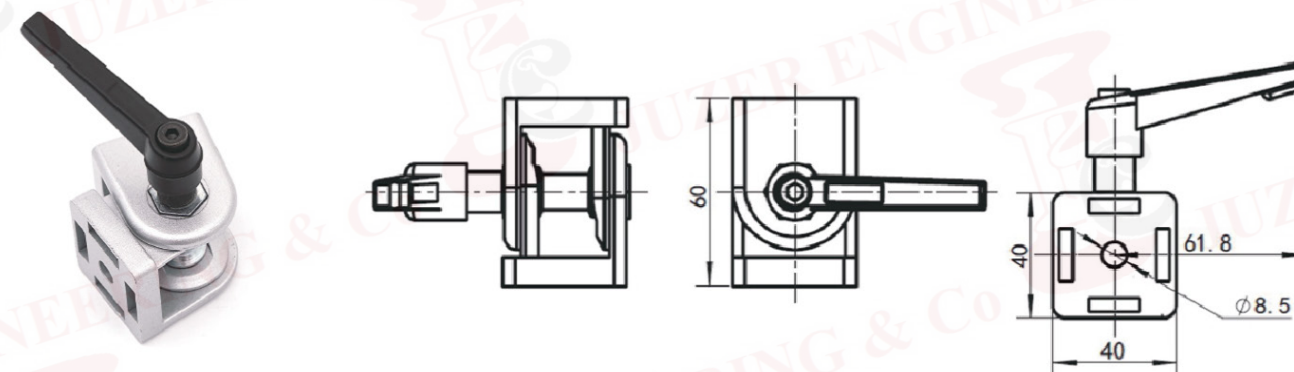
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
30x45	8 + 10	J49-PJ-3045	Zinc Plated	Die Cast Zinc



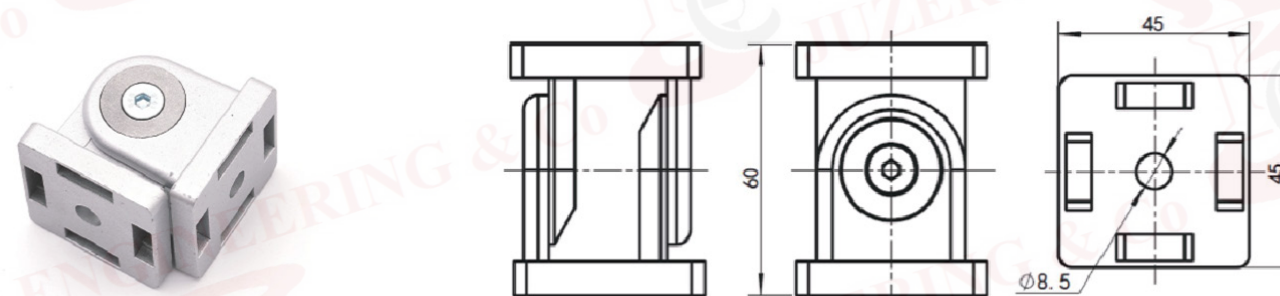
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
30x45	8 + 10	J50-PJL-3045	Zinc Plated	Die Cast Zinc



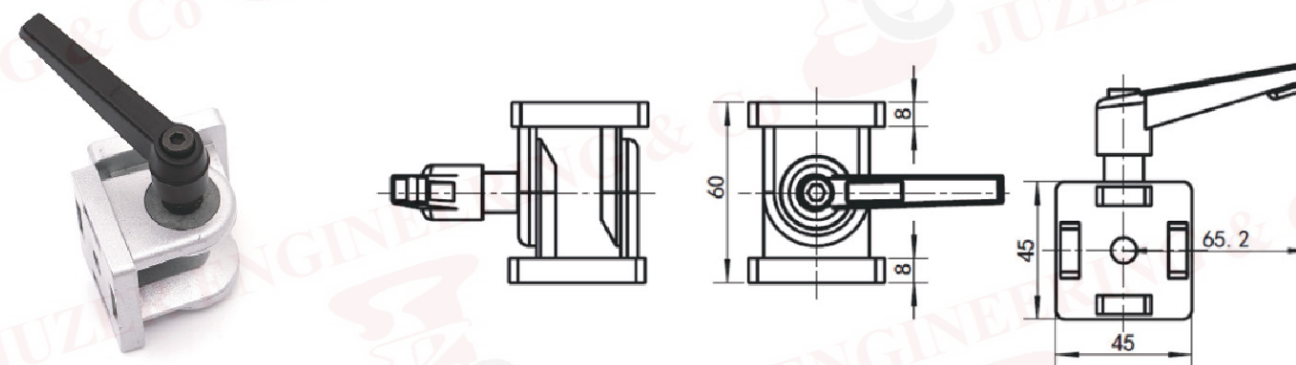
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
40x40	10	J49-PJ-4040	Zinc Plated	Die Cast Zinc



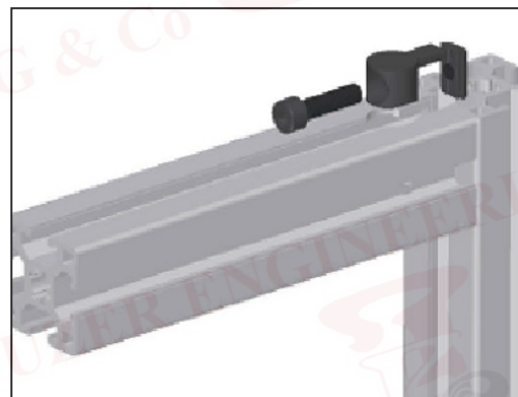
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
40x40	10	J50-PJL-4040	Zinc Plated	Die Cast Zinc



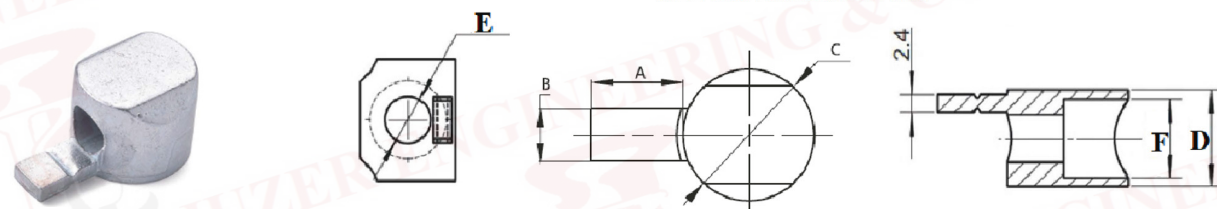
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
45x45	10	J49-PJ-4545	Zinc Plated	Die Cast Zinc



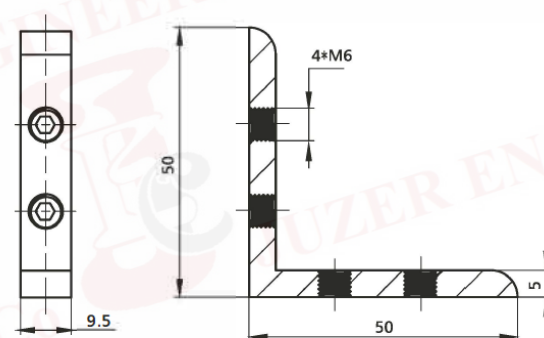
Size(mm)	Slot Size (mm)	Part Number	Surface	Material
45x45	10	J50-PJL-4545	Zinc Plated	Die Cast Zinc



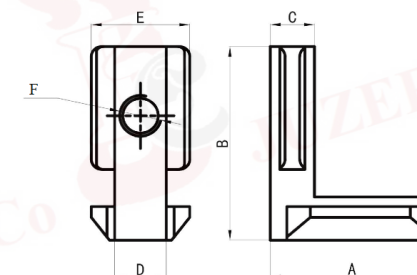
ALL DIMENSIONS IN mm



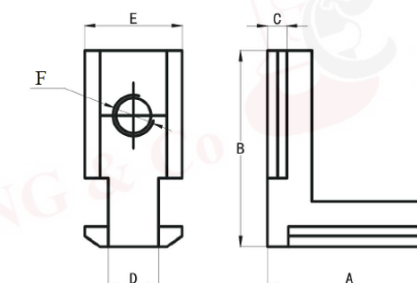
Size	Slot	Part Number	A	B	C	D	E	F	Surface	Material
20x20	6	J51-UC-06	9	5.7	Φ15.8	12.5	Φ5.9	Φ10.2	Zinc Plated	Die Cast Zinc
30x30	8	J51-UC-08	13.8	7.8	Φ19.8	16	Φ7.8	Φ13.8	Zinc Plated	Die Cast Zinc
40x40 45x45	10	J51-UC-10	13.8	9.8	Φ19.8	16	Φ9.8	Φ13.8	Zinc Plated	Die Cast Zinc



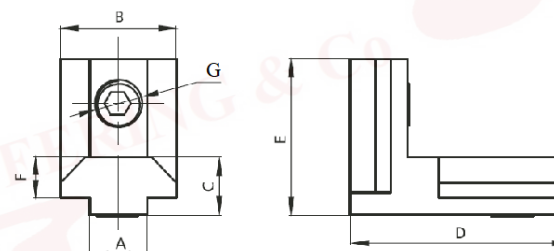
Profile Size (mm)	Part Number	Surface	Material
15x30	J52-IC-1530	Nickel Plated	Die Cast Zinc



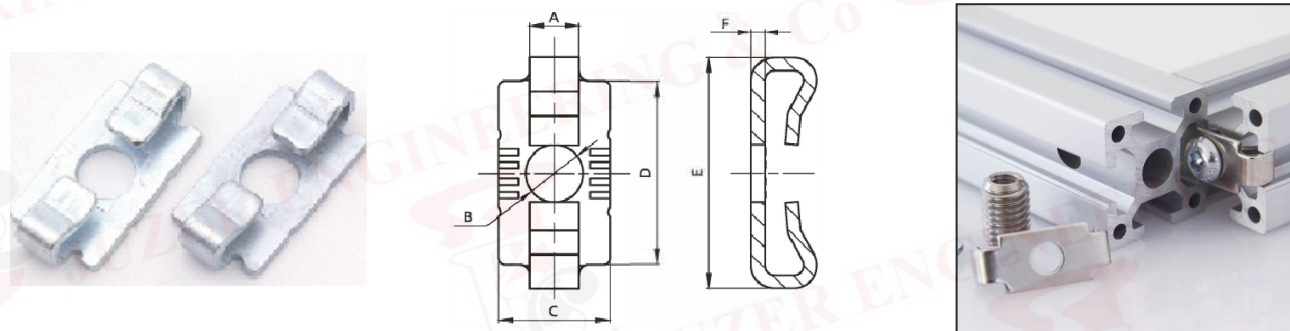
Slot Size	Part Number	A	B	C	D	E	F	Surface	Material
6	J53-IC-06	25	26	4.7	5.6	9.5	M5	Zn/Ni Plated	Die Cast Zinc
8	J53-IC-08	30.5	35.5	7.2	7.5	14.5	M6	Zn/Ni Plated	Die Cast Zinc
10	J53-IC-10	31.5	38	8.6	9.9	18.9	M8	Zn/Ni Plated	Die Cast Zinc



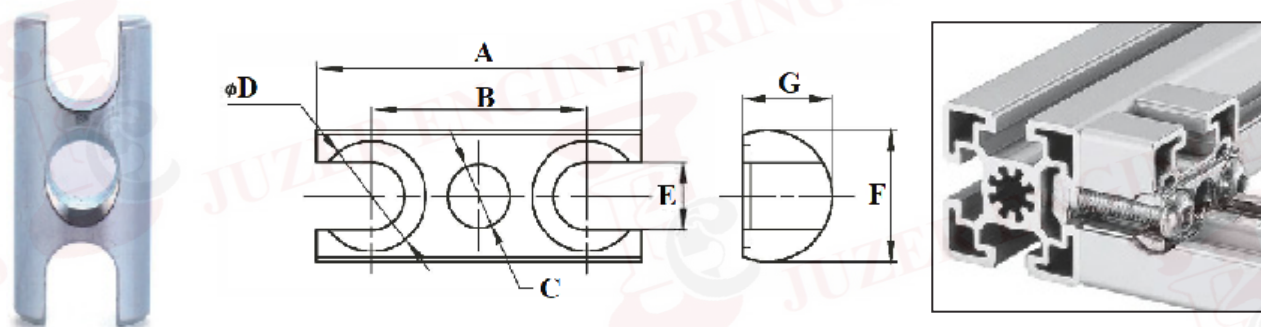
Slot Size	Part Number	A	B	C	D	E	F	Surface	Material
6	J54-IC-06	21	21	3	6	11	M5	Zn/Ni Plated	Die Cast Zinc
8	J54-IC-08	21	30	5.5	8	16	M6	Zn/Ni Plated	Die Cast Zinc
10	J54-IC-10	32	38	4	10	19	M8	Zn/Ni Plated	Die Cast Zinc



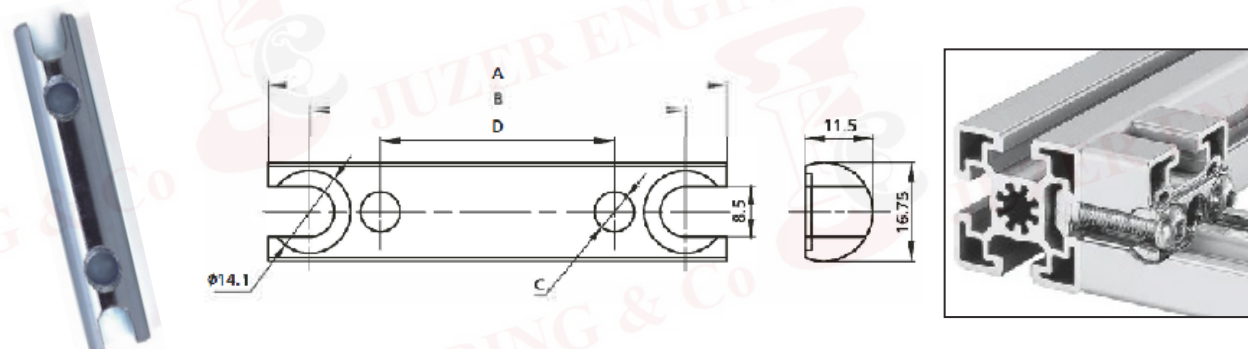
Slot Size	Part Number	A	B	C	D	E	F	G	Surface	Material
6	J55-IOC-06	5.8	11	4.5	21	21	3	M5	Zn/Ni Plated	Die Cast Zinc
8	J55-IOC-08	7.8	15.7	7.8	30	21	5.5	M6	Zn/Ni Plated	Die Cast Zinc
10	J55-IOC-10	9.8	19	8.7	38	32	3.8	M8	Zn/Ni Plated	Die Cast Zinc



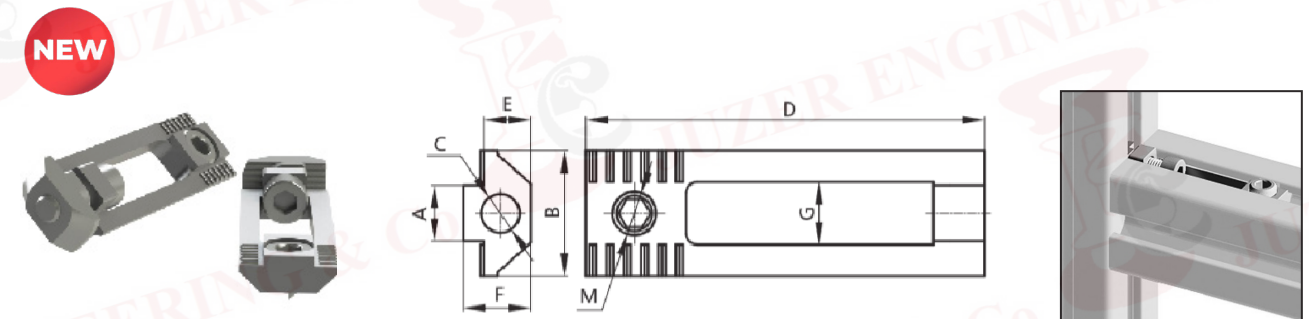
Slot Size	Part Number	A	B	C	D	E	F	Surface	Material
6	J56-SC-06	5.9	Φ6.5	13	21	28.7	2	Zinc Plated	Carbon Steel
8	J56-SC-08	7.7	Φ8.7	17	27.7	35	2	Zinc Plated	Carbon Steel
10	J56-SC-10	10	Φ11	21	27	45.5	2.5	Zinc Plated	Carbon Steel



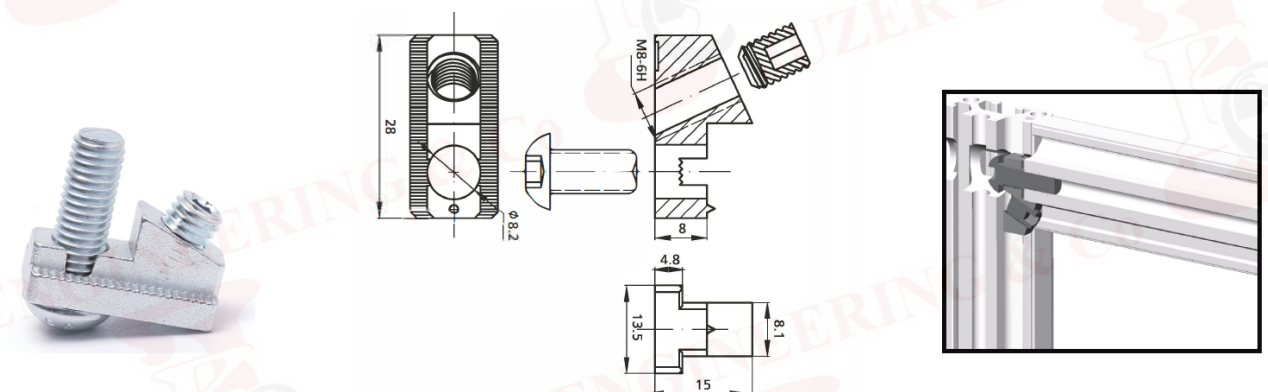
Profile Size	Part Number	A	B	C	D	E	F	G	Surface	Material
30x30	J57-BC-3030	28	18	Φ4	Φ10.2	5.2	10.5	7	Zinc Plated	Carbon Steel
40x40	J57-BC-4040	37	24	Φ8	Φ14.3	8.5	17	11.5	Zinc Plated	Carbon Steel
45x45	J57-BC-4545	42	28	Φ8	Φ14.3	8.5	17	11.5	Zinc Plated	Carbon Steel
60x60	J57-BC-6060	57	43	Φ8	Φ14.3	8.5	17	11.5	Zinc Plated	Carbon Steel



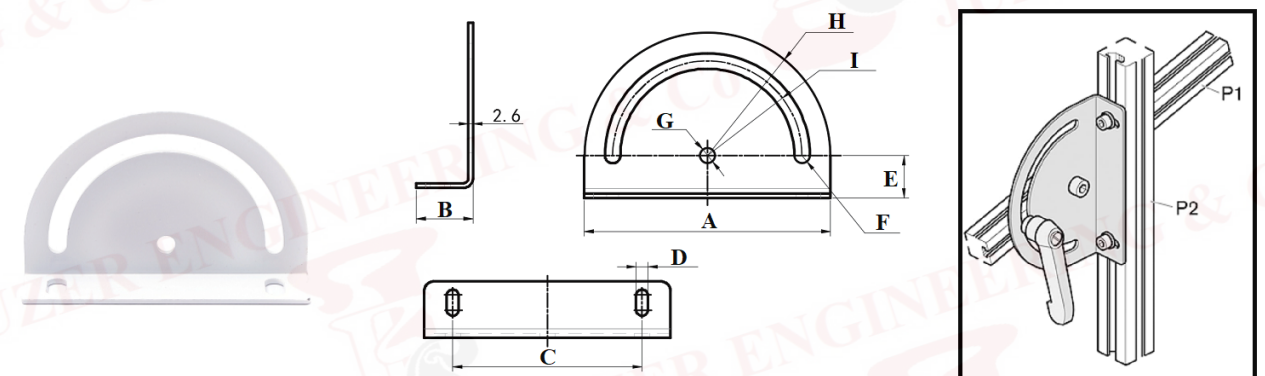
Profile Size	Part Number	A	B	C	D	Surface	Material
80x80	J57-BC-8080	78.5	64	Φ8	40	Zinc Plated	Carbon Steel
90x90	J57-BC-9090	87	73	Φ8	45	Zinc Plated	Carbon Steel



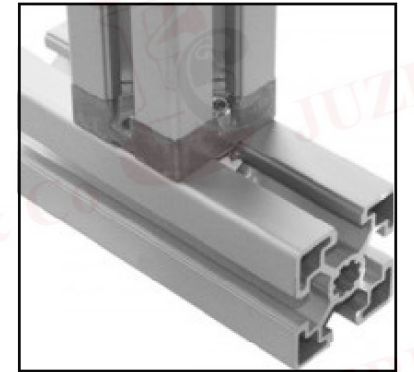
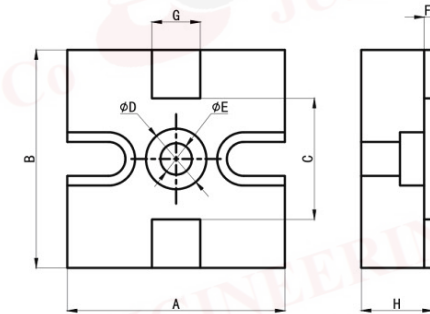
Slot Size	Part Number	B	C	D	E	F	G	M	Surface	Material
8	J101-SIC-08	16	Φ5.2	57	5.8	7.5	9	M6	Zinc Plated	Carbon Steel
10	J101-SIC-10	19.5	Φ6.2	58.5	5	10	10.5	M8	Zinc Plated	Carbon Steel



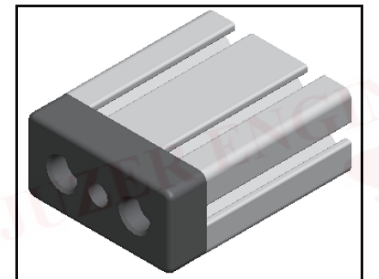
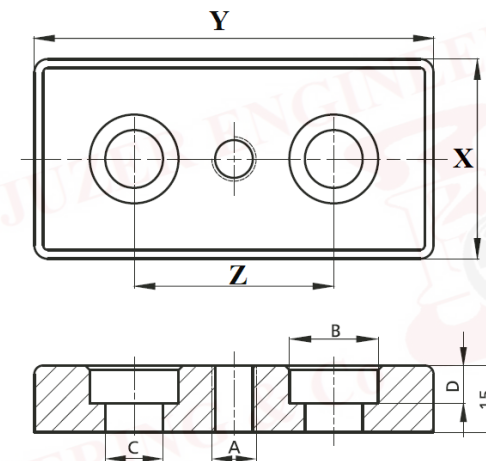
Slot Size (mm)	Part Number	Surface	Material
8	J58-HC-08	Zinc Plated	Carbon Steel



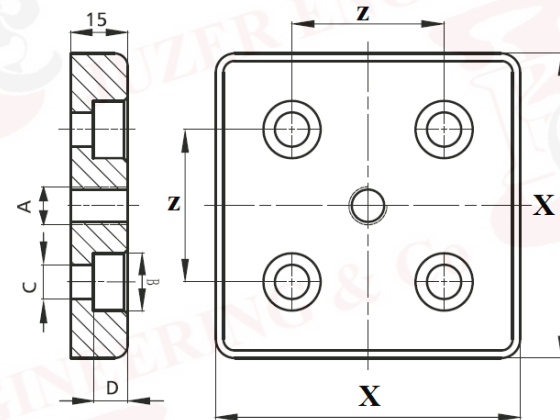
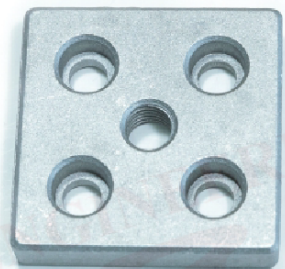
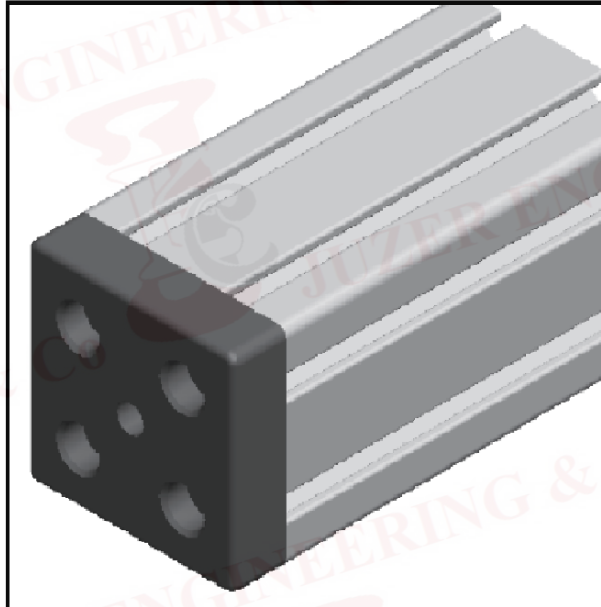
Slot Size	Part Number	A	B	C	D	E	F	G	H	I	Surface	Material
8	J59-SP-08	110	23.5	79.5	6.2	10.5	Φ6.2	Φ6.2	R55	R40	Zn Plated	Carbon Steel
10	J59-SP-10	130	30	100	8.2	22.5	Φ8.2	Φ8.2	R65	R50	Zn Plated	Carbon Steel



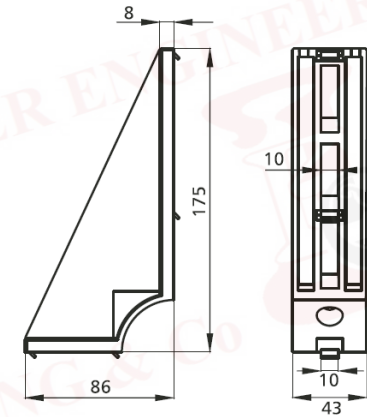
Size	Part Number	A	B	C	D	E	F	G	H	Surface	Material
30x30	J60-EC-3030	30	30	15	14	9.3	2	8	13	Sand Blast	Die cast Aluminium
40x40	J60-EC-4040	40	40	24	20	12.5	2	10	13	Sand Blast	Die cast Aluminium
45x45	J60-EC-4545	45	45	25	20	12.5	2	10	13	Sand Blast	Die cast Aluminium



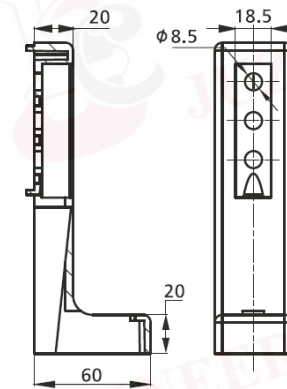
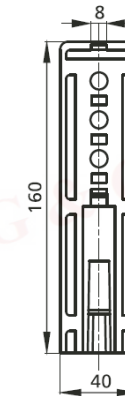
Size	Part Number	X	Y	Z	A	B	C	D	Surface	Material
20x40	J61-BP-2040-M6	20	40	20	M6	Φ11.5	Φ6.5	7	Sand Blast	Die Cast Aluminium
30x60	J61-BP-3060-M8	30	60	30	M8	Φ15.5	Φ9.0	9	Sand Blast	Die Cast Aluminium
40x80	J61-BP-4080-M12	40	80	40	M12	Φ20.0	Φ13	9	Sand Blast	Die Cast Aluminium
45x90	J61-BP-4590-M12	45	90	45	M12	Φ20.0	Φ13	9	Sand Blast	Die Cast Aluminium



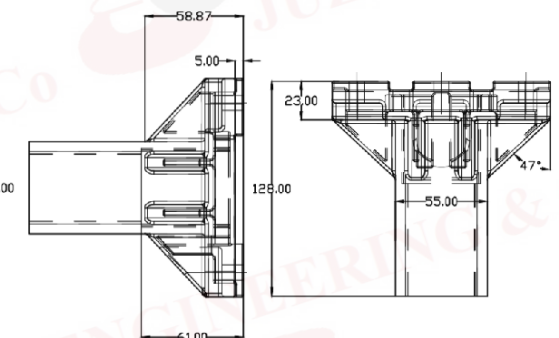
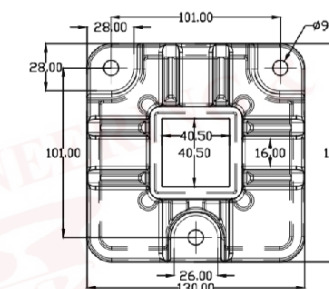
Size	Part Number	X	Z	A	B	C	D	Surface	Material
20x20	J61-BP-2020-M6	20	10	M6	Φ11.5	Φ6.5	7	Sand Blast	Die Cast Aluminium
30x30	J61-BP-3030-M8	30	15	M8	Φ15.5	Φ9.0	9	Sand Blast	Die Cast Aluminium
40x40	J61-BP-4040-M12	40	20	M12	Φ20.0	Φ13	9	Sand Blast	Die Cast Aluminium
45x45	J61-BP-4545-M12	45	22.5	M12	Φ20.0	Φ13	9	Sand Blast	Die Cast Aluminium
60x60	J61-BP-6060-M12	60	30	M12	Φ20.0	Φ13	9	Sand Blast	Die Cast Aluminium
80x80	J61-BP-8080-M12	80	40	M12	Φ20.0	Φ13	9	Sand Blast	Die Cast Aluminium
90x90	J61-BP-9090-M12	90	45	M12	Φ20.0	Φ13	9	Sand Blast	Die Cast Aluminium



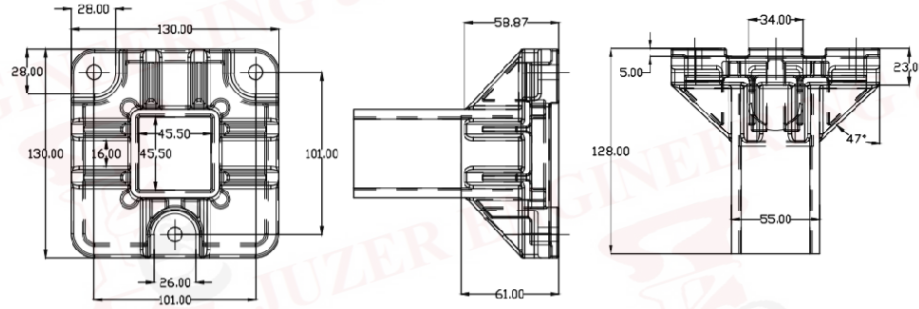
Slot Size	Part Number	Size (mm)	Surface	Material
10	J62-FM01	43x86x175	Sand Blast	Die Cast Aluminium



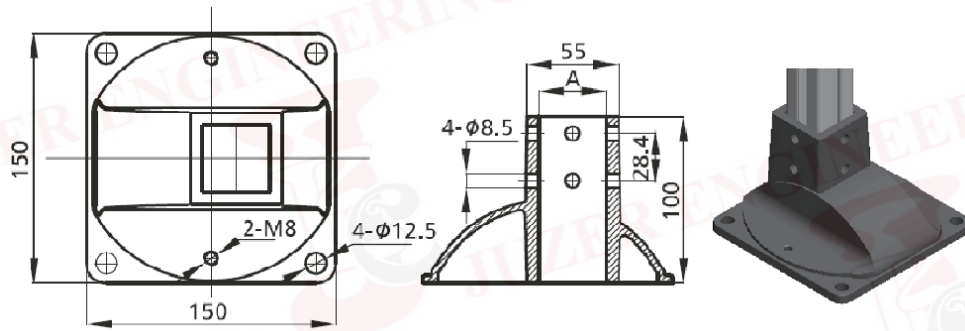
Size (mm)	Part Number	Surface	Material
40x60x160	J62-FM02	Black Powder Coated	Die Cast Aluminium



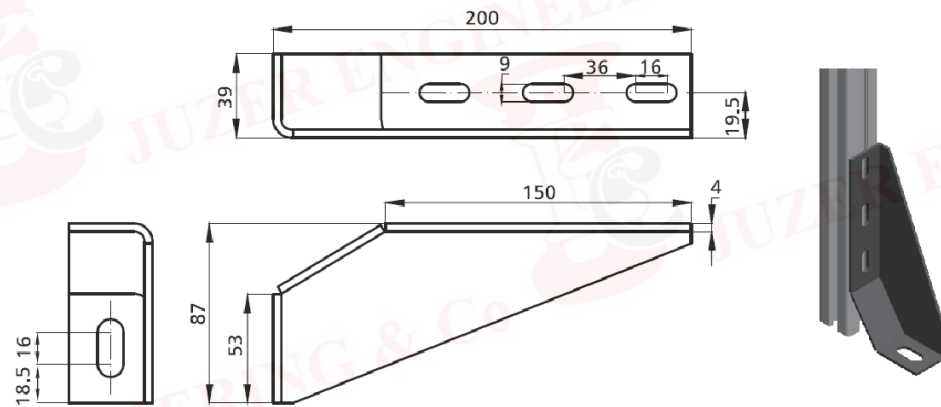
For Profile	Part Number	Surface	Material
40x40	J62-FM03-4040	Powder Coated	Die Cast Aluminium



For Profile	Part Number	Surface	Material
45x45	J62-FM03-4545	Powder Coated	Die Cast Aluminium



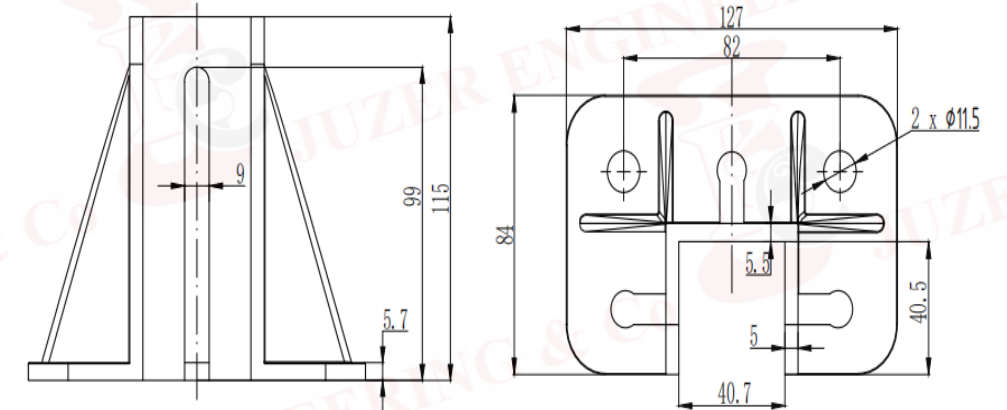
For Profile	Part Number	A	Surface	Material
40x40	J62-FM04-4040	40	Black Powder Coated	Die Cast Aluminium
45x45	J62-FM04-4545	45	Black Powder Coated	Die Cast Aluminium



Size (mm)	Part Number	Surface	Material
39x87x200	J62-FM05	Zinc Plated	Carbon Steel

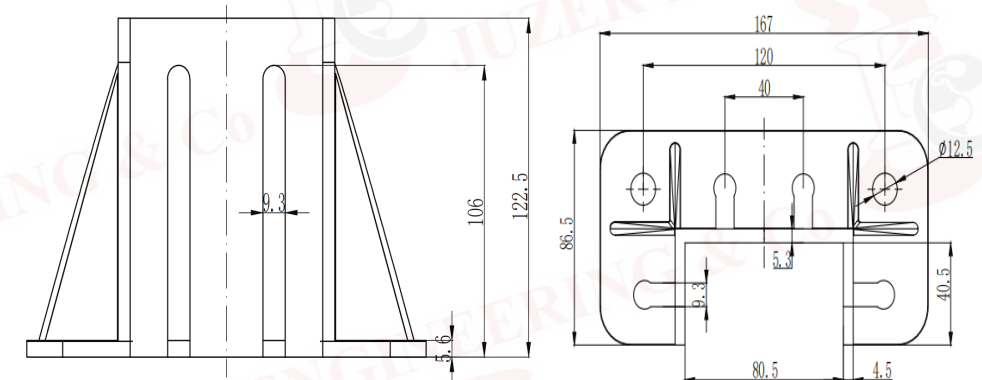


NEW



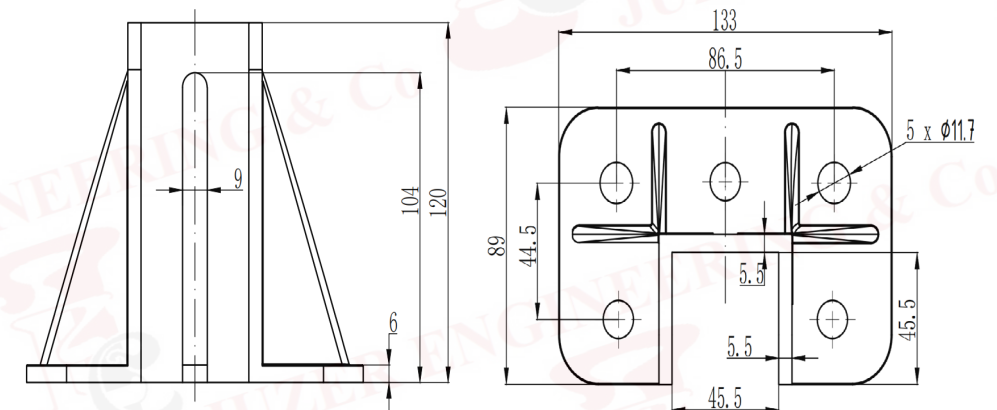
Size	Part Number	Surface	Material
40x40	J62-FM06-4040	Powder Coated	Die Cast Aluminium

NEW



Size	Part Number	Surface	Material
40x80	J62-FM06-4080	Powder Coated	Die Cast Aluminium

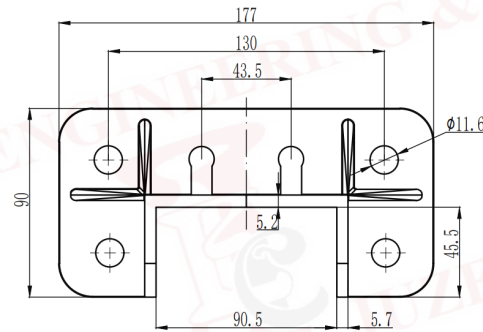
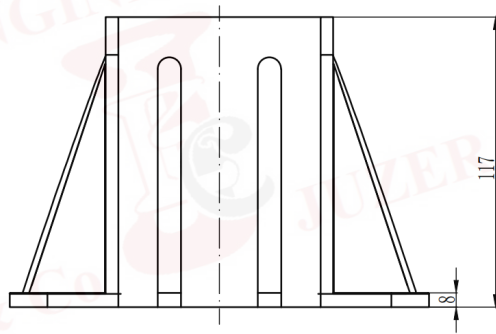
NEW



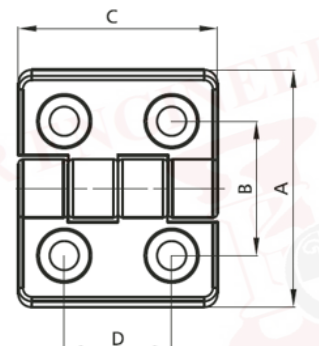
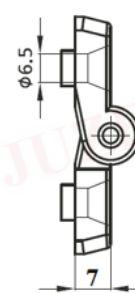
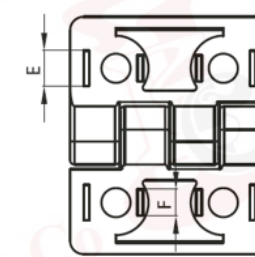
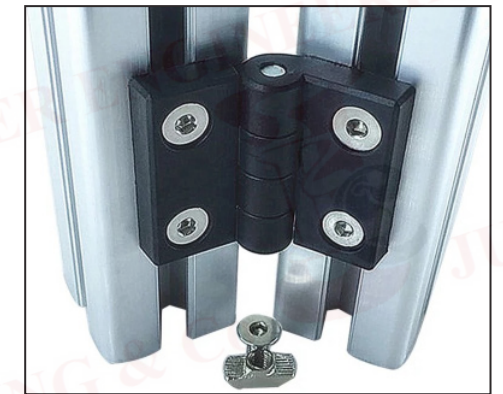
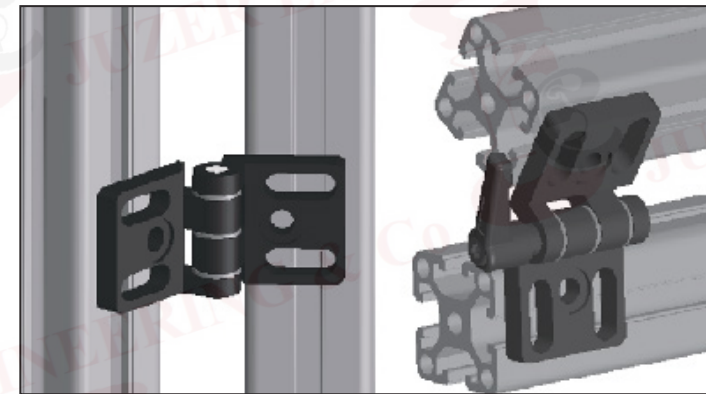
Size	Part Number	Surface	Material
45x45	J62-FM06-4545	Powder Coated	Die Cast Aluminium



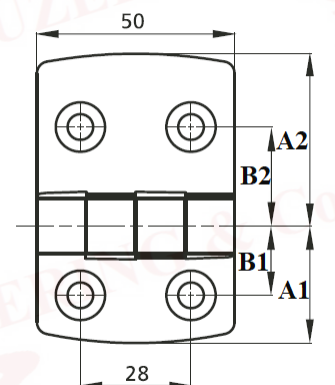
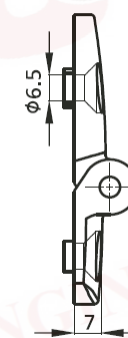
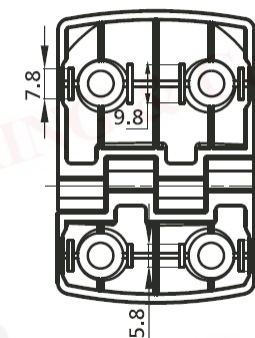
NEW



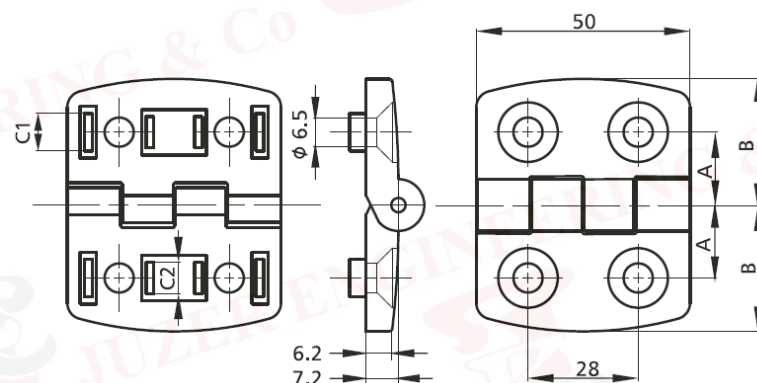
Size	Part Number	Surface	Material
45x90	J62-FM06-4590	Powder Coated	Die Cast Aluminium



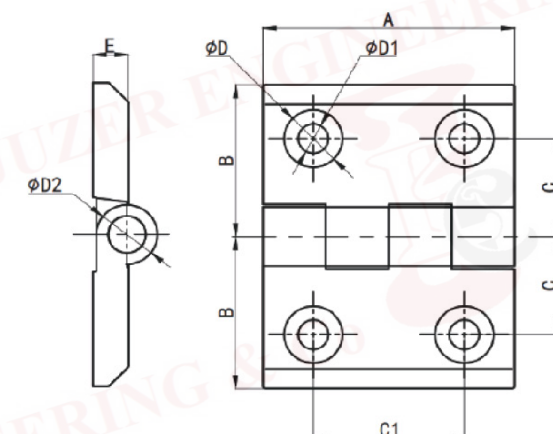
Size	Slot Size	Part Number	A	B	C	D	E	F	Surface	Material
20x20	6	J63-HNY-2020	39	20	30	14	5.9	4.9	Black Nylon	Nylon
30x30	8	J63-HNY-3030	53	30	45	24	7.9	5.9	Black Nylon	Nylon
40x40	10	J63-HNY-4040	62	40	50	30	9.9	8.9	Black Nylon	Nylon
45x45	10	J63-HNY-4545	71	45	50	30	9.9	8.9	Black Nylon	Nylon



Size	Slot Size	Part Number	A1	A2	B1	B2	Surface	Material
30x40	8+10	J63-HNY-3040	29.5	43.5	17.5	25	Black Nylon	Nylon
30x45	8+10	J63-HNY-3045	29.5	38.5	17.5	23.5	Black Nylon	Nylon

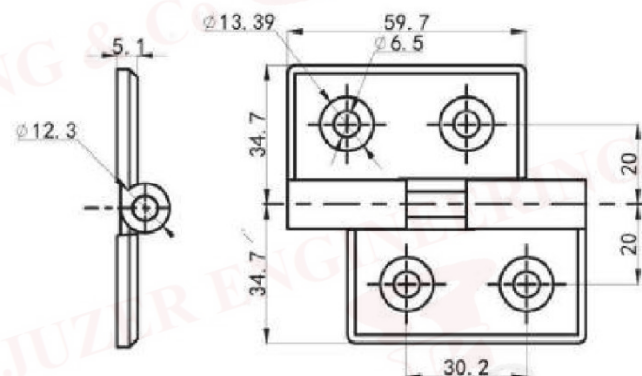


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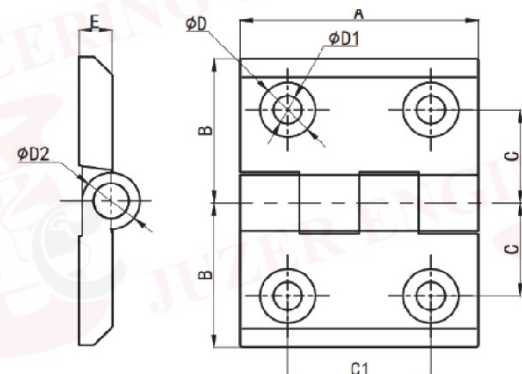


Technical drawing of a mechanical part, showing a top view and a side view. The top view is labeled with dimensions 30x30, 40x40, and 45x45. The side view shows a cross-section with a central hole of diameter 6.4. The drawing includes various dimensions such as 6.4, 13, 11, 18, 20, 26, 60, 4.5, 1.8, 5.5, 9.5, 40, 14.7, 80, 20, 21, 14.5, and 8. The drawing is a technical drawing of a mechanical part, showing a top view and a side view. The top view is labeled with dimensions 30x30, 40x40, and 45x45. The side view shows a cross-section with a central hole of diameter 6.4. The drawing includes various dimensions such as 6.4, 13, 11, 18, 20, 26, 60, 4.5, 1.8, 5.5, 9.5, 40, 14.7, 80, 20, 21, 14.5, and 8. The drawing is a technical drawing of a mechanical part, showing a top view and a side view. The top view is labeled with dimensions 30x30, 40x40, and 45x45. The side view shows a cross-section with a central hole of diameter 6.4. The drawing includes various dimensions such as 6.4, 13, 11, 18, 20, 26, 60, 4.5, 1.8, 5.5, 9.5, 40, 14.7, 80, 20, 21, 14.5, and 8.

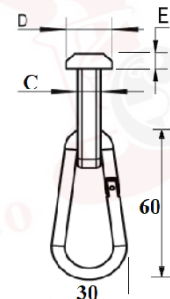
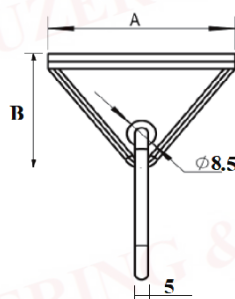
Size	Description	Part Number	Surface	Material
30x30	Left Side Lift-Off	J67-HZN-3030L	Aluminium Coated	Die Cast Zinc
30x30	Right Side Lift-Off	J67-HZN-3030R	Aluminium Coated	Die Cast Zinc



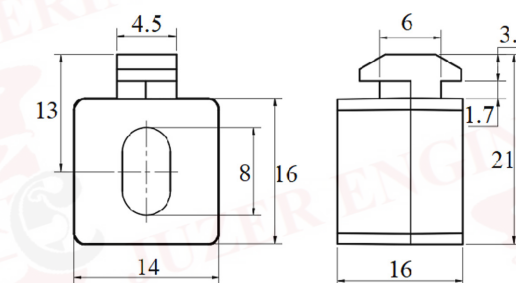
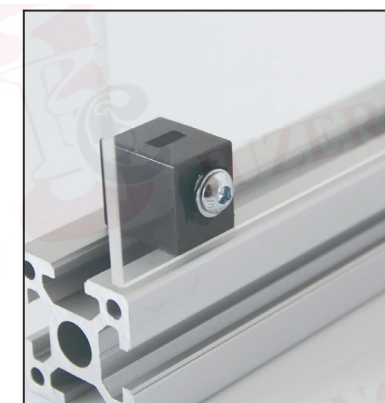
Size	Description	Part Number	Surface	Material
40x40	Left Side Lift-Off	J67-HZN-4040L	Aluminium Coated	Die Cast Zinc
40x40	Right Side Lift-Off	J67-HZN-4040R	Aluminium Coated	Die Cast Zinc



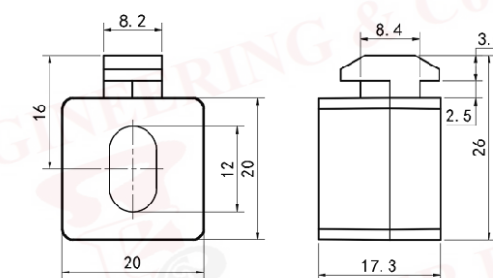
Size	Part Number	A	B	C	C1	D	D1	D2	E	Surface	Material
20x20	J102-HZN-2020	30	19	10	14	9	5.5	8	4.5	Black powder Coated	Die Cast Zn
30x30	J102-HZN-3030	50	25	15	30	12	6	12	7	Black powder Coated	Die Cast Zn
40x40	J102-HZN-4040	50	31	20	30	12	6	12	7	Black powder Coated	Die Cast Zn
45x45	J102-HZN-4545	50	34	22.5	30	12	6.5	12	7	Black powder Coated	Die Cast Zn



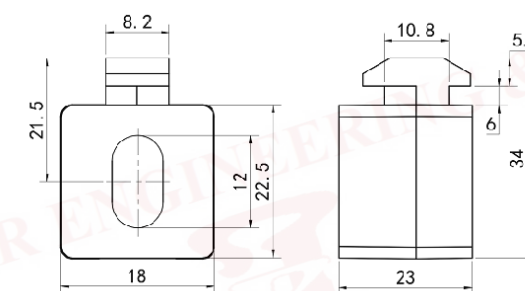
Slot Size	Part Number	A	B	C	D	E	Surface	Material
6	J68-TH-06	55	40	5.5	14	3.5	Black Nylon	Nylon
8	J68-TH-08	60	46	7.5	16	4	Black Nylon	Nylon
10	J68-TH-10	60	46	9.5	16	4.5	Black Nylon	Nylon



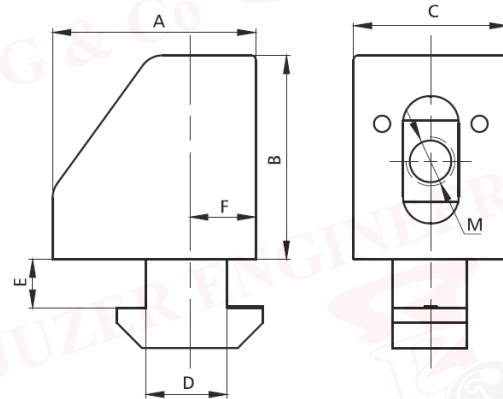
For Profile	Slot Size (mm)	Part Number	Finish	Material
20x20	6	J69-MBP-06	Transparent	Polyurethane



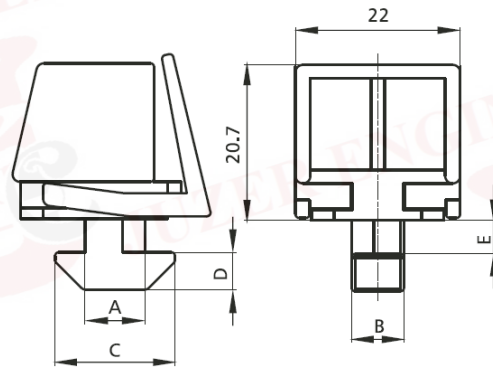
For Profile	Slot Size	Part Number	Finish	Material
30x30	8	J69-MBP-08	Transparent	Polyurethane



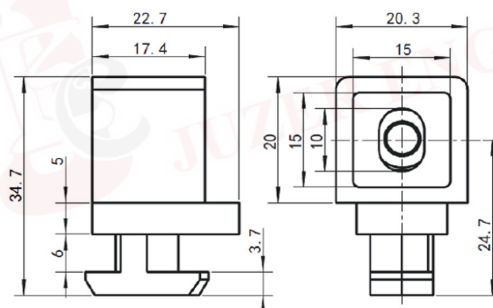
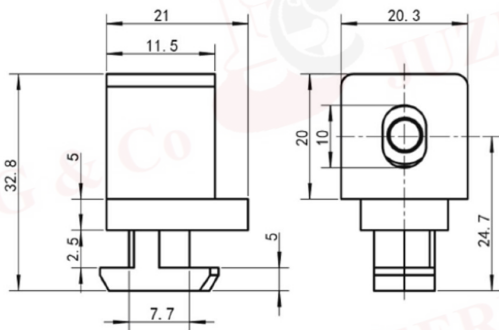
For Profile	Slot Size	Part Number	Finish	Material
40x40	10	J69-MBP-10	Transparent	Polyurethane
45x45				



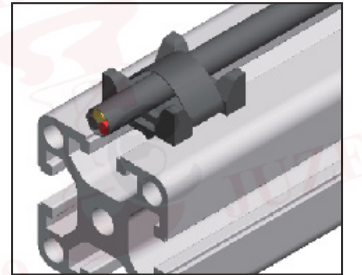
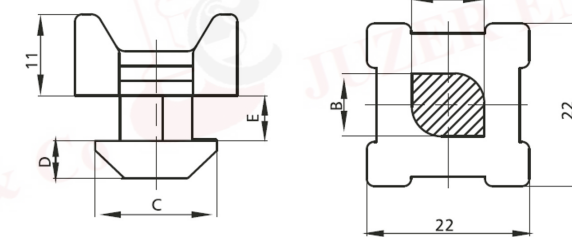
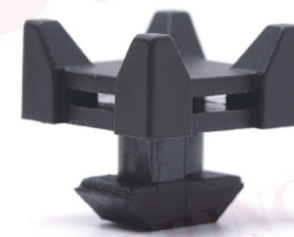
Slot Size	Part Number	A	B	C	D	E	F	M	Finish	Material
6	J70-MBN-06	14.2	15.8	12.7	6	1.5	4.5	M4	Black	Nylon
8	J70-MBN-08	25	25	19	8	4.6	12.5	M6	Black	Nylon
10	J70-MBN-10	25	25	19	10	6	8	M6	Black	Nylon



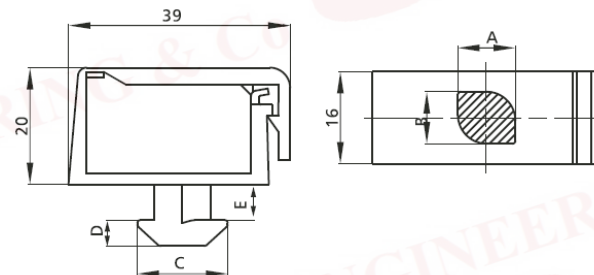
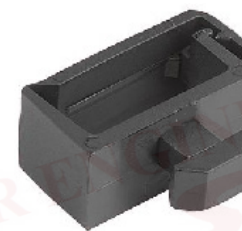
Slot Size	Part Number	A	B	C	D	E	Finish	Material
8	J71-MBN-08	9.8	8.5	16	5	6	Black	Nylon
10	J71-MBN-10	8	6.8	14	3	4.5	Black	Nylon



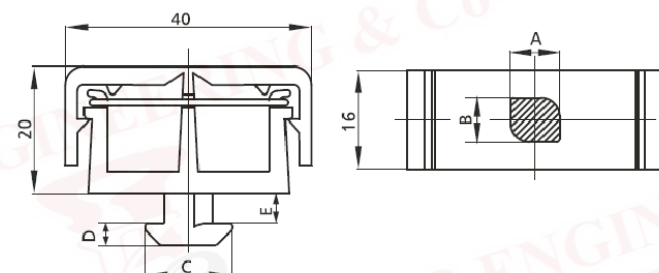
Slot Size (mm)	Part Number	Finish	Material
8	J72-MBN-08	Black	Nylon
10	J72-MBN-10	Black	Nylon



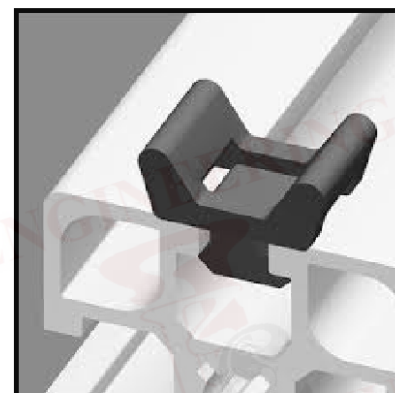
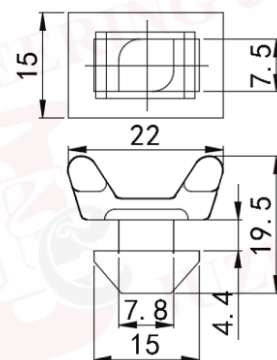
Slot Size (mm)	Part Number	A	B	C	D	E	Finish	Material
6	J73-CH-06	6.8	5.5	12	3.5	2.4	Black	Nylon
8	J73-CH-08	8	6.8	16	5	4.5	Black	Nylon
10	J73-CH-10	9.8	8.5	17	5	6	Black	Nylon



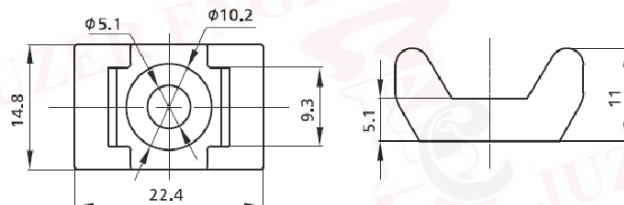
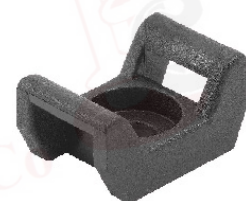
Slot Size (mm)	Part Number	A	B	C	D	E	Finish	Material
8	J74-CH-08	8	7	14	3	4.5	Black	Nylon
10	J74-CH-10	9	8.5	16	4.5	6	Black	Nylon



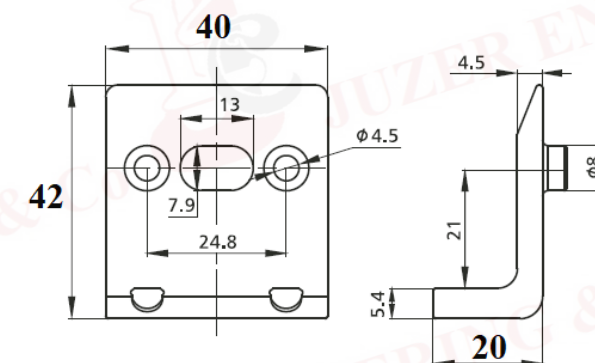
Slot Size (mm)	Part Number	A	B	C	D	E	Finish	Material
8	J75-CH-08	8	7	14	3	4.5	Black	Nylon
10	J75-CH-10	9	8.5	16	4.5	6	Black	Nylon



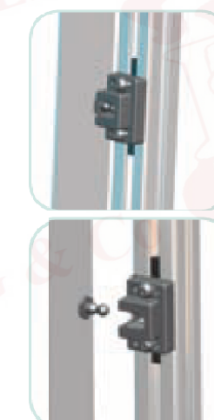
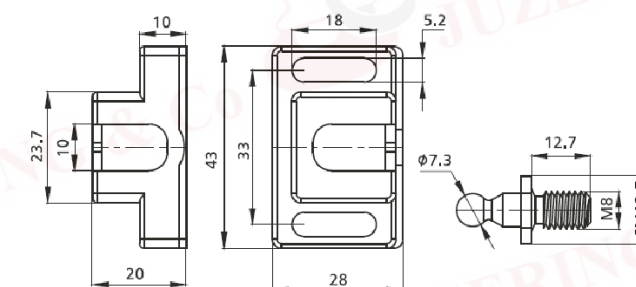
Slot Size (mm)	Part Number	Size (mm)	Finish	Material
8	J76-CH-08	22x15x19.5	Black	Nylon



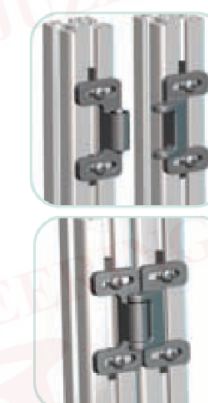
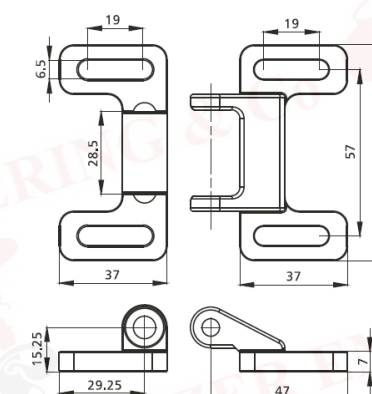
Hole Size	Part Number	Size (mm)	Finish	Material
M5	J77-CH	22x15x19.5	Black	Nylon



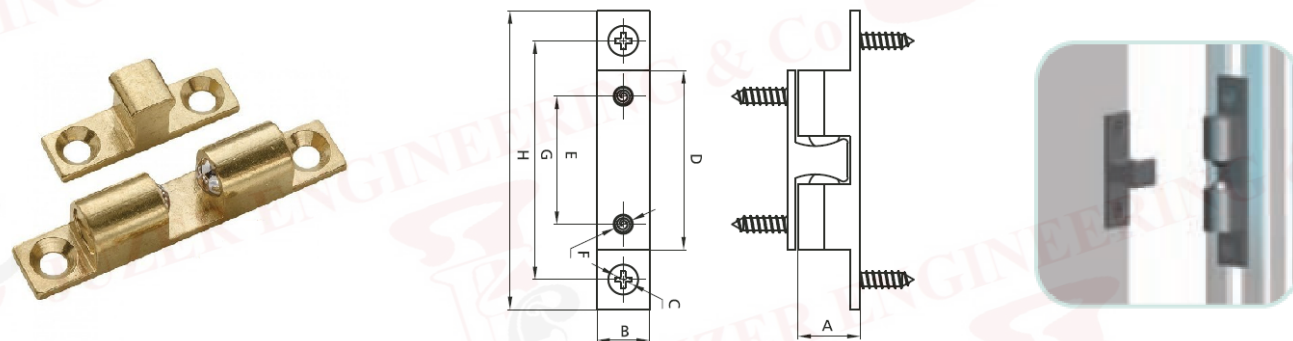
Size (mm)	Part Number	Finish	Material
42 x 40 x 20	J78-NDC	Black	Nylon



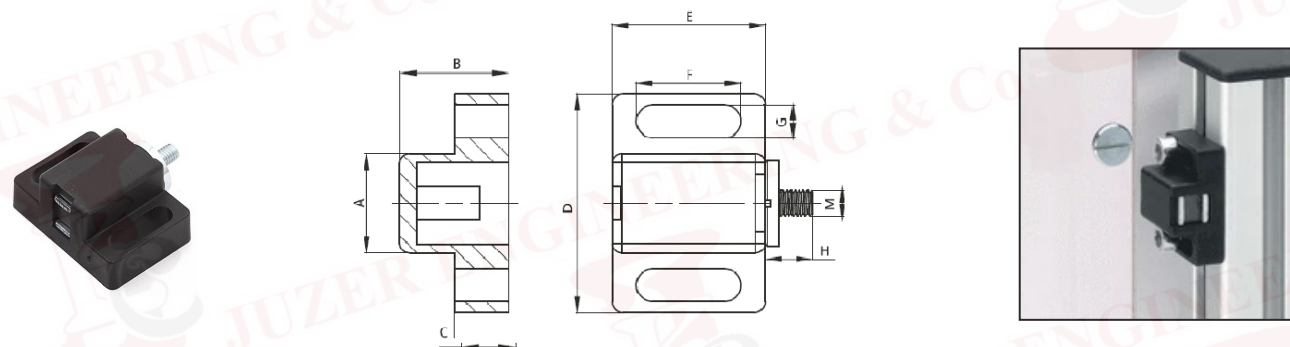
Size (mm)	Part Number	Finish	Material
43 x 28 x 20	J79-NBC	Black	Nylon



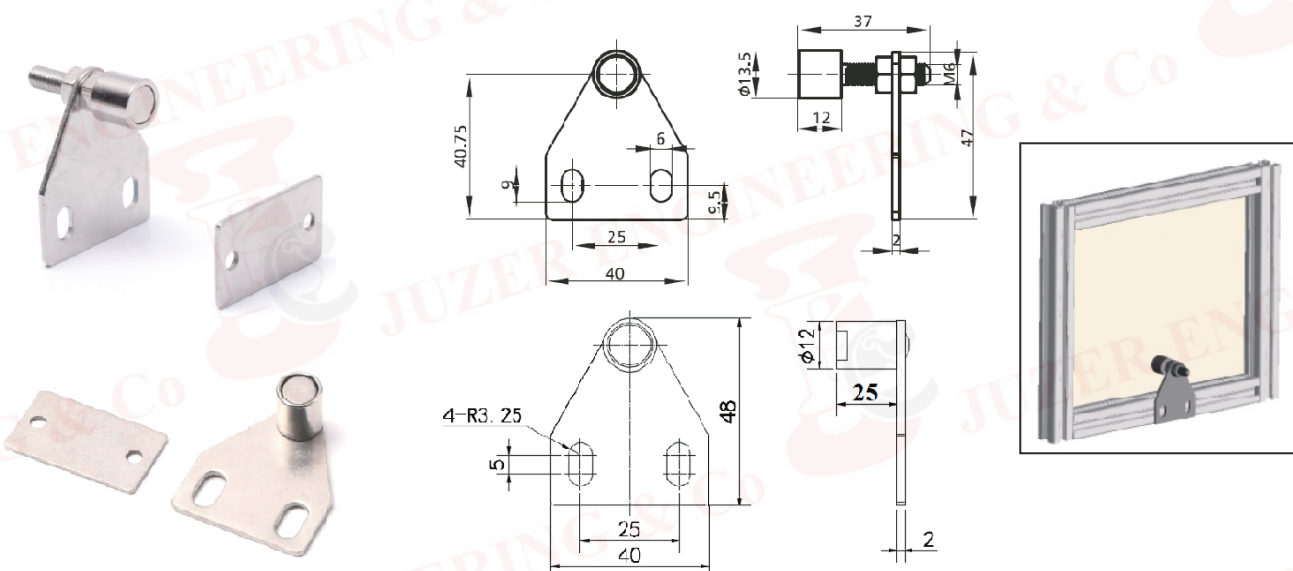
Size (mm)	Part Number	Finish	Material
74 x 74 x 7	J80-NBC	Black	Nylon



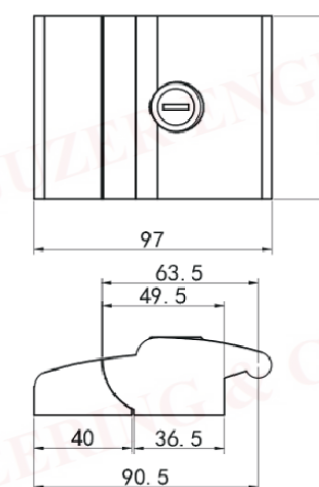
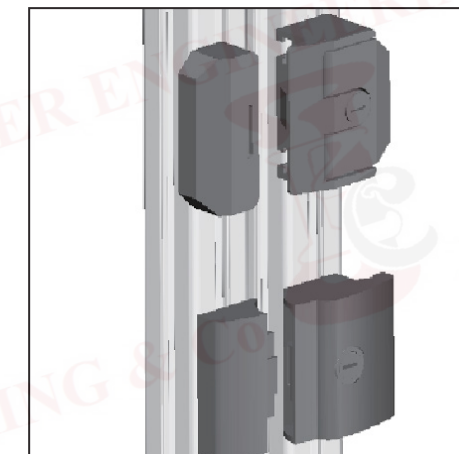
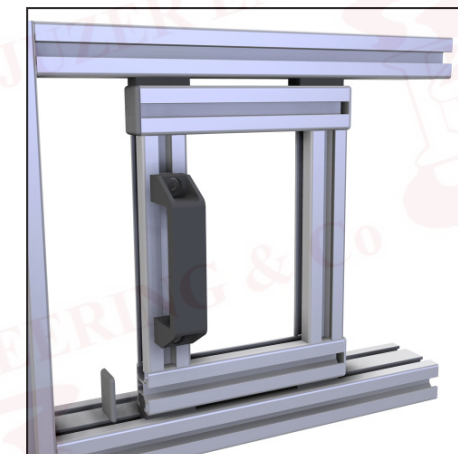
Size	Part Number	A	B	C	D	E	F	G	H	Material
70 x 12.5 x 14.5	J81-BBC	14.5	12.5	Φ4.5	42	30	Φ4.5	56	70	Brass



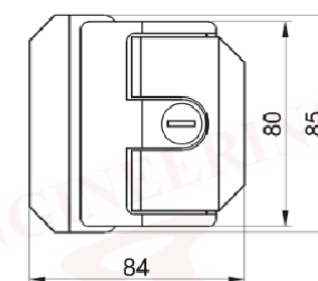
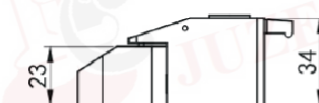
Slot	Part Number	A	B	C	D	E	F	G	H	M	Finish	Material
8	J82-NMC-08	12	14	6	28	17	12	4.4	7.4	M4	Black	Nylon
10	J82-NMC-10	18.2	20	10	40	28	19.2	6	8	M5	Black	Nylon



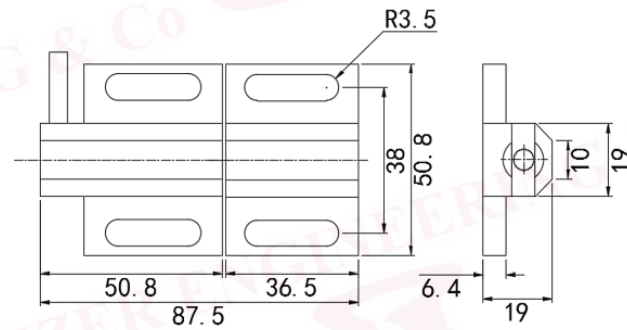
Size (mm)	Part Number	Finish	Material
47 x 40 x 37	J83-MPC-01	Zinc Plated	Carbon Steel
48 x 40 x 27	J83-MPC-02	Zinc Plated	Carbon Steel



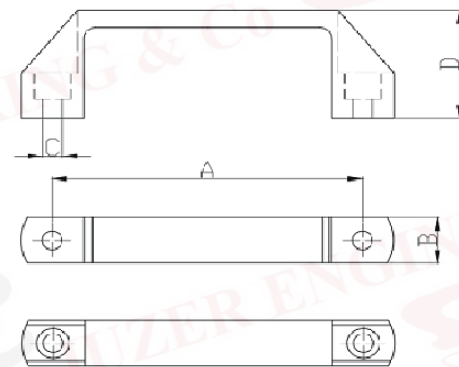
Size (mm)	Part Number	Finish	Material
97 x 74 x 35	J84-DL-01	Black Powder Coated	Die Cast Aluminum



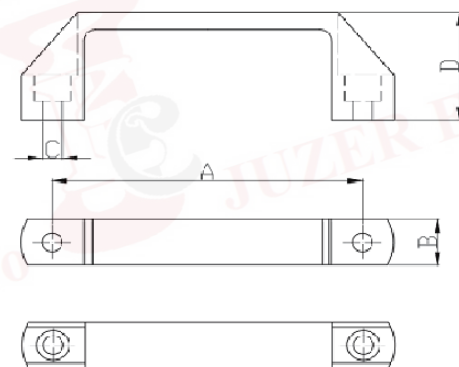
Size (mm)	Part Number	Finish	Material
85 x 84 x 34	J85-DL-02B	Black Powder Coated	Die Cast Aluminum
85 x 84 x 34	J85-DL-02W	White Powder Coated	Die Cast Aluminum



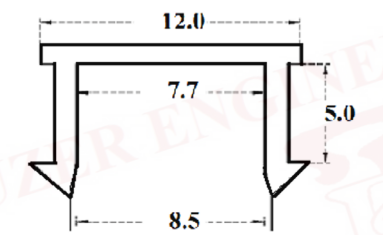
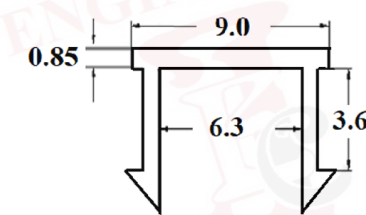
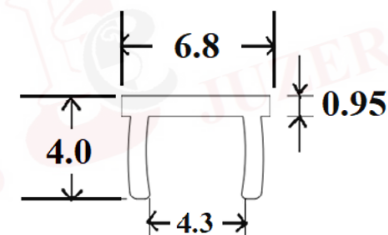
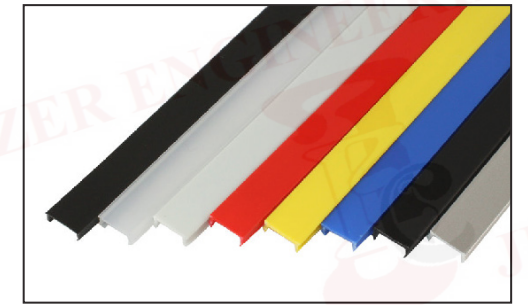
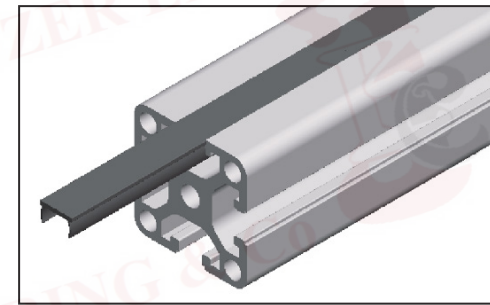
Size (mm)	Part Number	Finish	Material
88 x 51 x 19	J86-DL-03	Black Powder Coated	Die Cast Aluminum



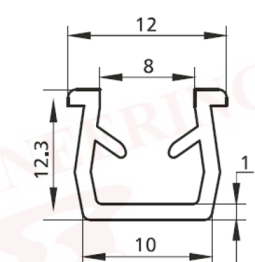
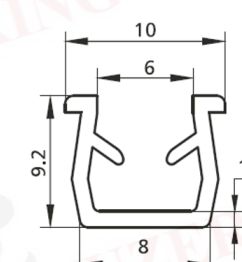
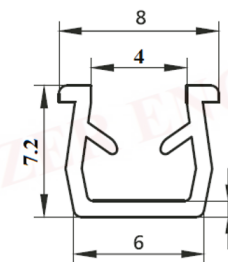
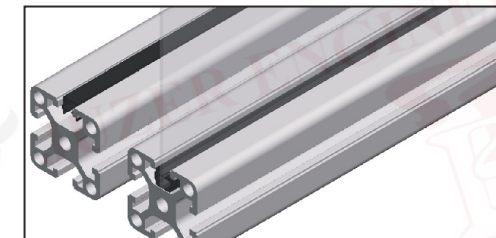
Size (mm)	Part Number	A	B	C	D	Finish	Material
90	J87-NH-090	90	19.5	6.5	36	Black	Nylon
120	J87-NH-120	120	25.0	8.2	39	Black	Nylon
150	J87-NH-150	150	28.0	8.5	44	Black	Nylon
160	J87-NH-160	160	28.0	8.5	49	Black	Nylon
180	J87-NH-180	180	28.5	8.5	50	Black	Nylon



Size (mm)	Part Number	A	B	C	D	Finish	Material
90	J88-AH-090	90	19.5	6.5	36	Black/Silver	Die Cast Aluminium
120	J88-AH-120	120	25.0	8.2	39	Black/Silver	Die Cast Aluminium
180	J88-AH-180	180	28.5	8.5	50	Black/Silver	Die Cast Aluminium

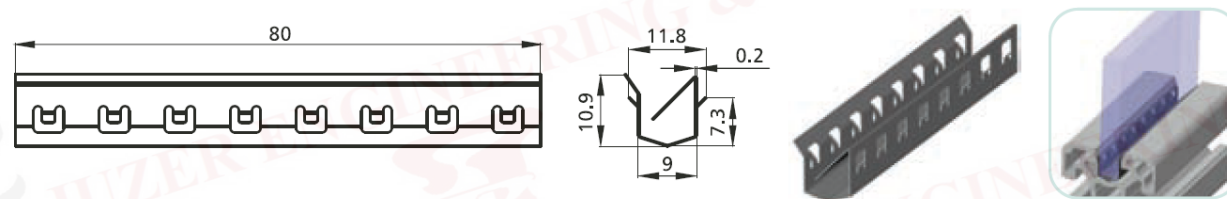


Slot Size	Part Number	Finish	Material
6	J89-PSC-06	Black, White, Grey, Yellow, Red & Blue	PVC
8	J89-PSC-08		
10	J89-PSC-10		



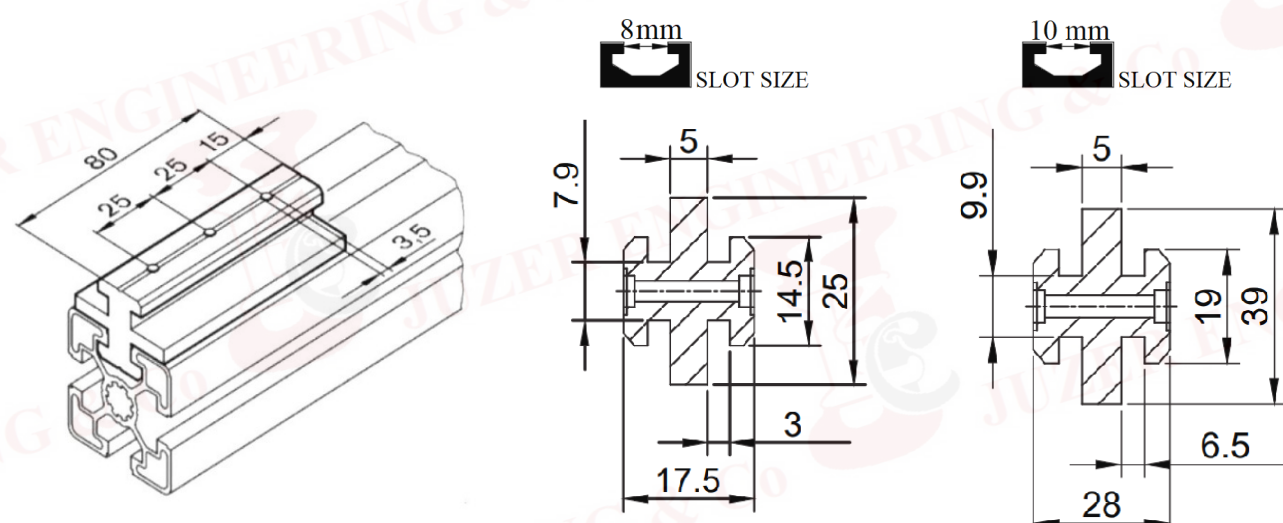
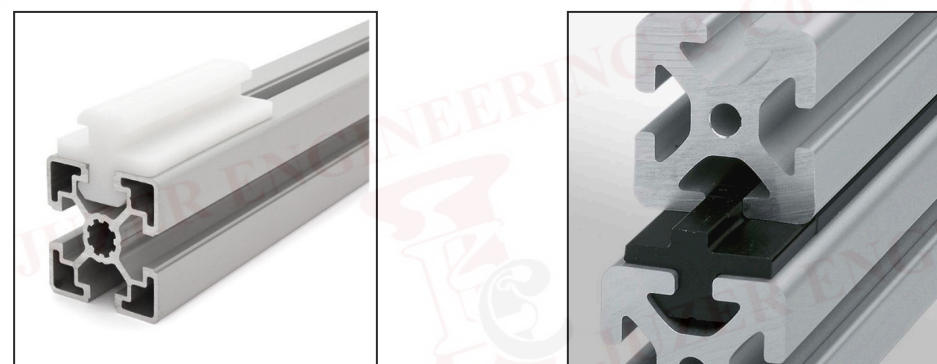
Slot Size	Part Number	Finish	Material
6	J90-PSR-06	Black	PVC
8	J90-PSR-08		
10	J90-PSR-10		

NEW

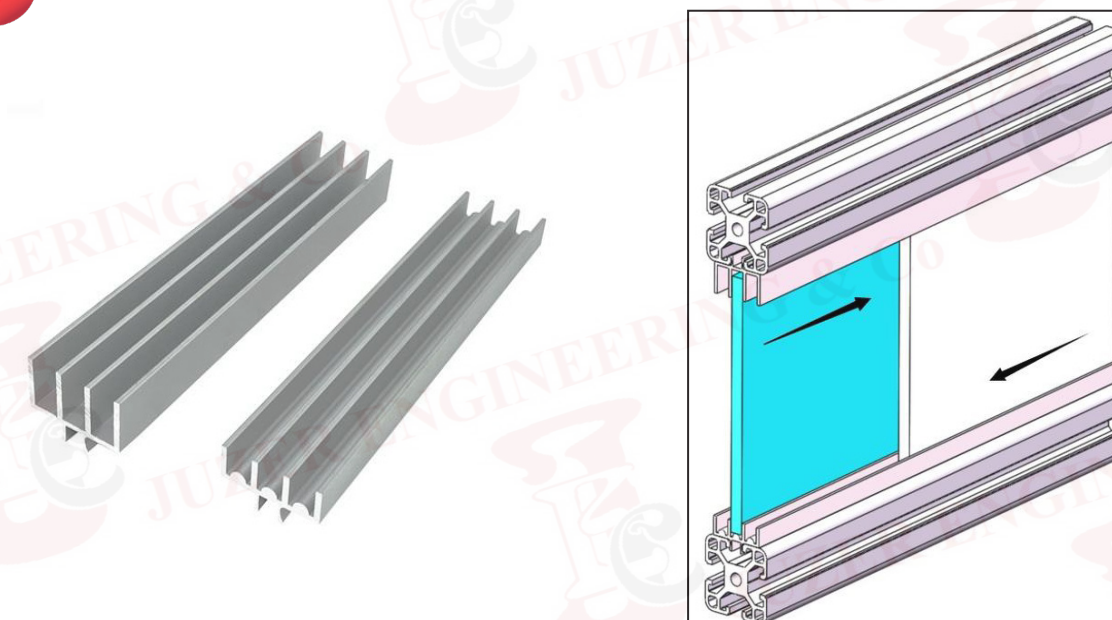


Slot Size	Part Number	Finish	Material
10	J91-PSR-SS10	Plain	SS

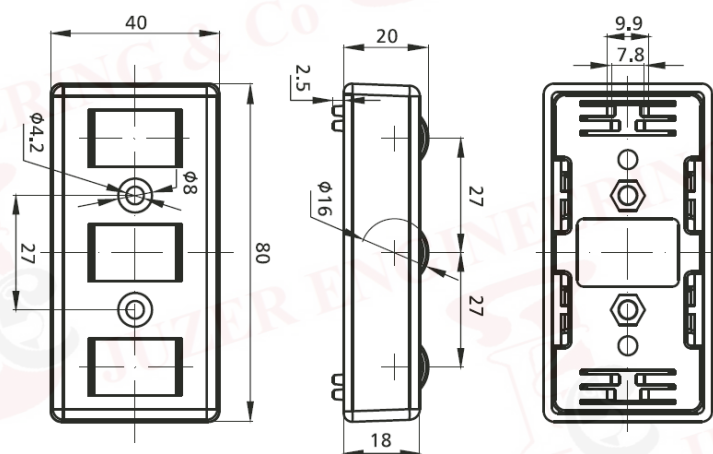
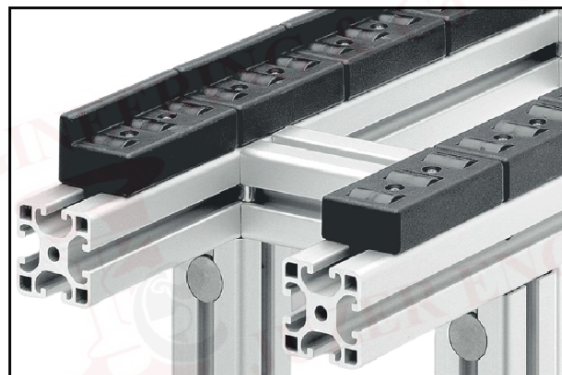
NEW



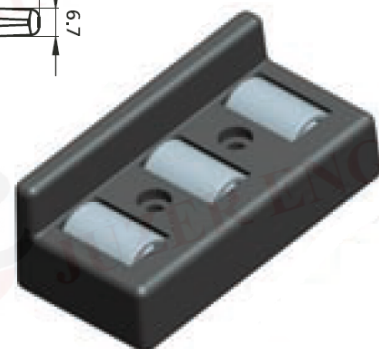
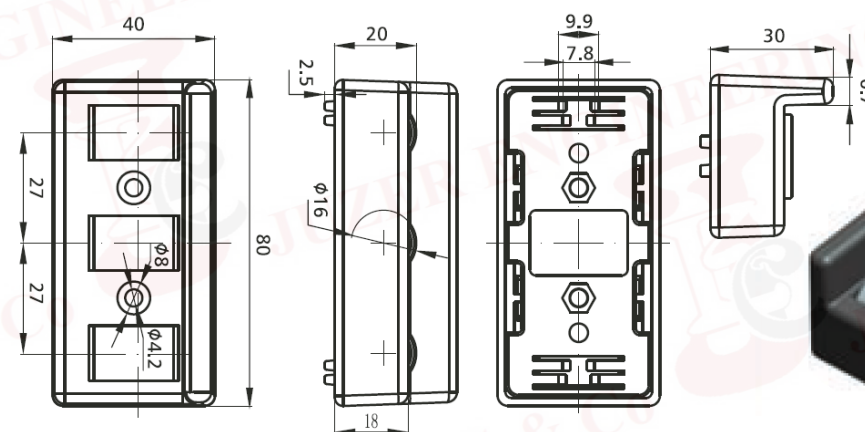
Slot Size	Part Number	Finish	Material
8	J104-TSS-08	Natural White	POM
10	J104-TSS-10	Natural White	POM



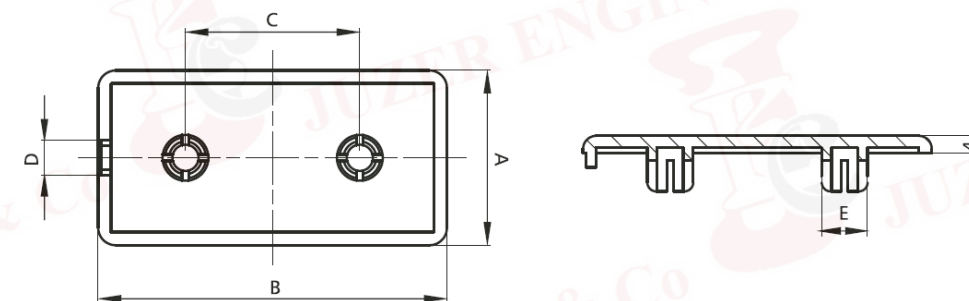
Slot Size	Part Number	Finish	Material
8	J105-SDP-08	Grey , Black	PP
10	J105-SDP-10	Grey , Black	PP



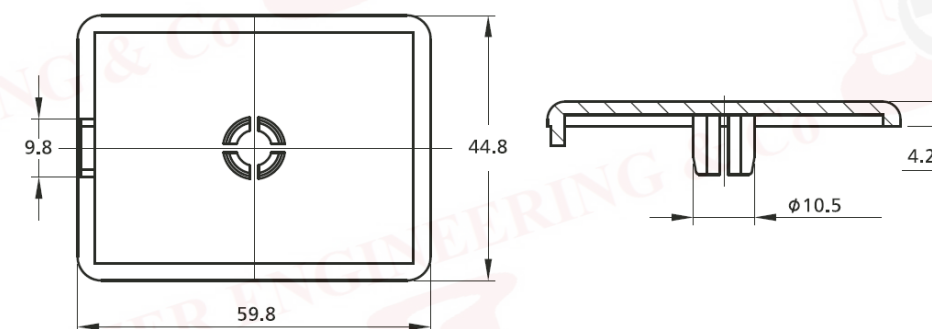
Part Number	Max Load	Finish	Material
J92-RE	150 N	Black	Casing: Nylon , Roller: POM



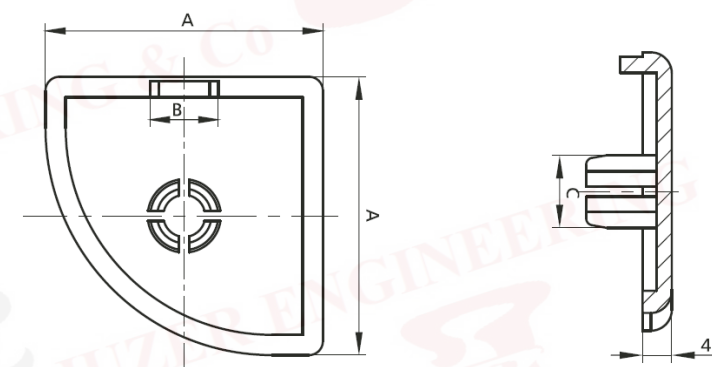
Part Number	Max Load	Finish	Material
J93-GRE	150 N	Black	Casing: Nylon , Roller: POM



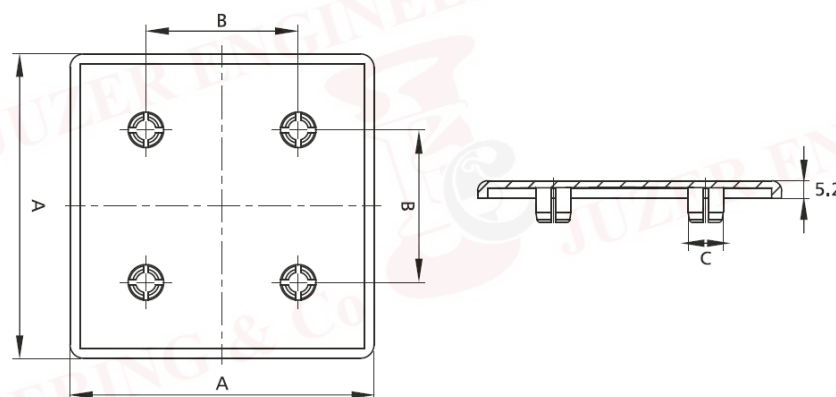
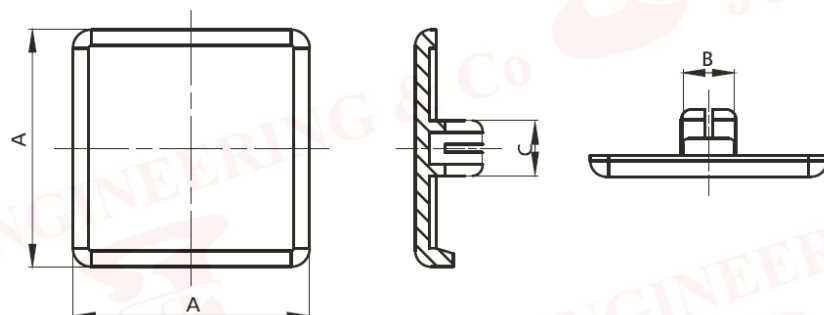
Size (mm)	Part Number	Slot (mm)	A	B	C	D	E	Finish	Material
20x40	J94-PEC-2040	6	20	40	20	5.9	Φ5.4	Black	Nylon
30x60	J94-PEC-3060	8	30	60	30	8	Φ7.2	Black	Nylon
40x80	J94-PEC-4080	10	40	80	40	9.8		Black	Nylon
45x90	J94-PEC-4590	10	45	90	45	9.8		Black	Nylon



Size (mm)	Part Number	Slot (mm)	Finish	Material
45x60	J94-PEC-4560	10	Black	Nylon

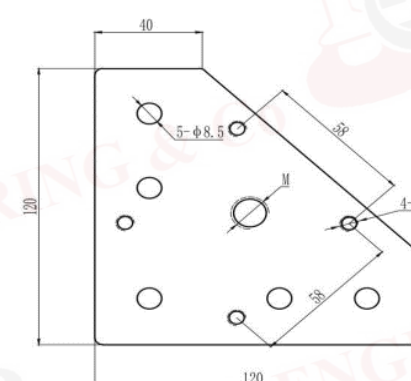
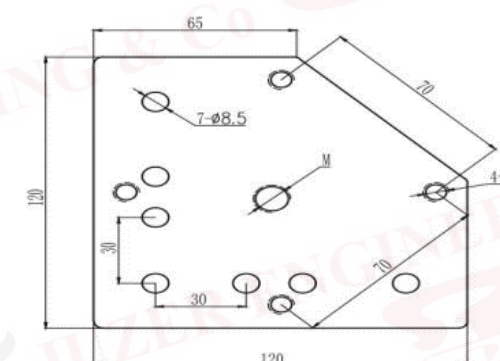


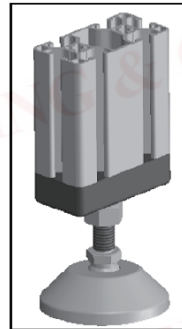
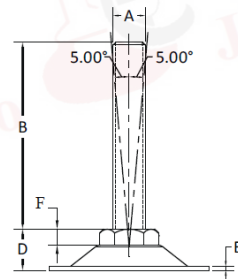
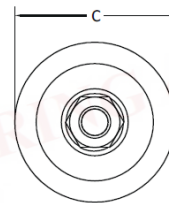
Size (mm)	Part Number	Slot (mm)	A	B	C	Finish	Material
30x30-R	J94-PEC-3030R	8	30	8	Φ7.2	Black	Nylon
40x40-R	J94-PEC-4040R	10	40	9.8	Φ10.5	Black	Nylon
45x45-R	J94-PEC-4545R	10	45	9.8	Φ10.5	Black	Nylon



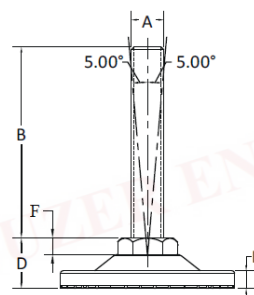
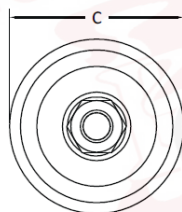
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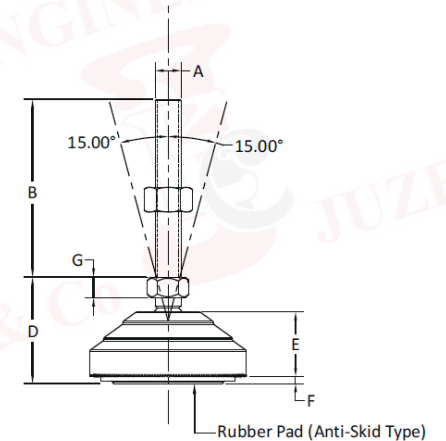
70


Leveling Pads - Mild Steel


Part Number	Max Load	A	B	C	D	E	F	Material
J95-LP-60-0870-MS	30 kg	M8	70	60	15.5	1.5	6	Thrust Plate: Steel Stud: Steel Finish: Zn Plated
J95-LP-60-1070-MS	30 kg	M10	70	60	15.5	1.5	6	
J95-LP-60-1270-MS	30 kg	M12	70	60	15.5	1.5	6	

Anti-Skid leveling Pads- Mild Steel with Rubber Pad


Part Number	Max Load	A	B	C	D	E	F	Material
J96-LP-60-0870-MSR	30 kg	M8	70	65	15.5	6.5	6	Thrust Plate: Steel Stud: Steel Anti-Skid Pad: NBR Rubber SH75 Finish: Zn Plated
J96-LP-60-1070-MSR	30 kg	M10	70	65	15.5	6.5	6	
J96-LP-60-1270-MSR	30 kg	M12	70	65	15.5	6.5	6	

Polyamide base Anti-Skid Leveling Pad


Base Dia: 60 mm

Part Number	Max Load	A	B	C	D	E	F	G	Material
J97-LP-60-0868-P	100 kg	M8	68	60	41.5	25	2.5	8	Base: Polyamide Stud: Steel Anti-Skid Pad: NBR Rubber SH75 Finish: Zn Plated
J97-LP-60-1068-P	100 kg	M10	68	60	41.5	25	2.5	8	
J97-LP-60-10100-P	100 kg	M10	100	60	41.5	25	2.5	8	
J97-LP-60-1268-P	100 kg	M12	68	60	41.5	25	2.5	8	
J97-LP-60-12100-P	100 kg	M12	100	60	41.5	25	2.5	8	
J97-LP-60-12150-P	100 kg	M12	150	60	41.5	25	2.5	8	
J97-LP-60-1668-P	100 kg	M16	68	60	41.5	25	2.5	8	
J97-LP-60-16100-P	100 kg	M16	100	60	41.5	25	2.5	8	
J97-LP-60-16150-P	100 kg	M16	150	60	41.5	25	2.5	8	
J97-LP-60-20100-P	100 kg	M20	100	60	41.5	25	2.5	8	
J97-LP-60-20150-P	100 kg	M20	150	60	41.5	25	2.5	8	

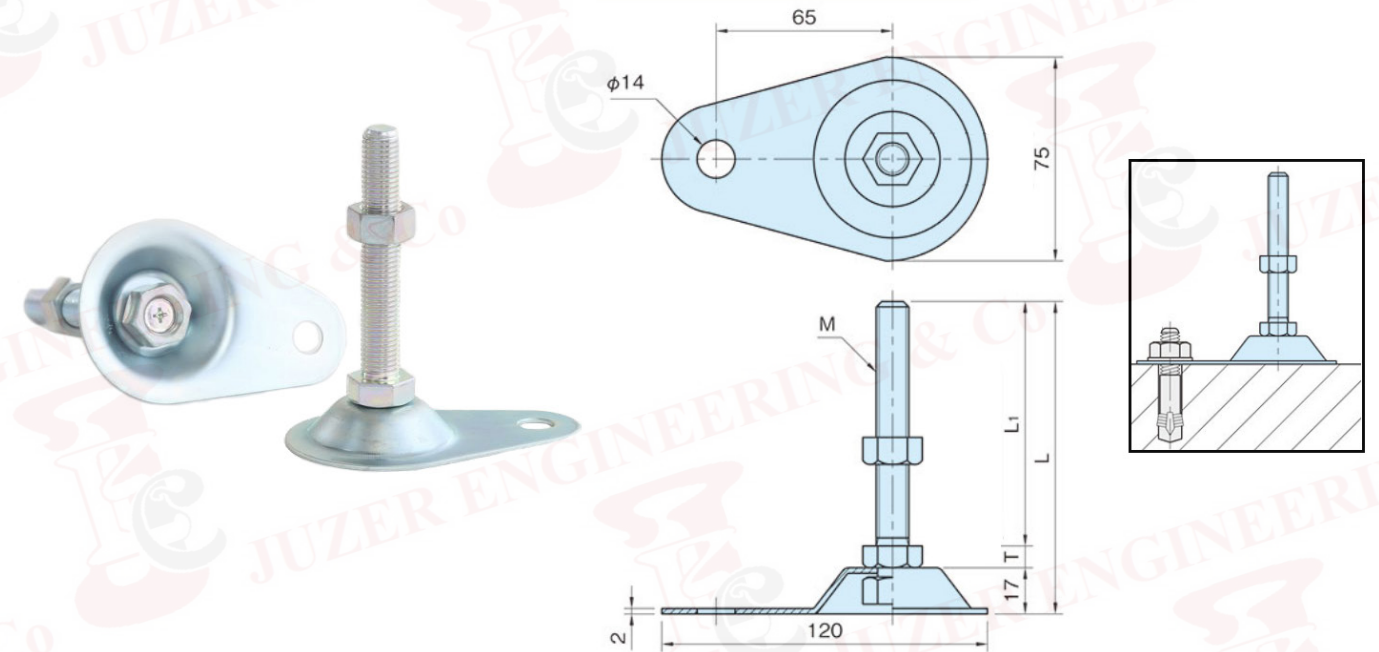
Base Dia: 80 mm

Part Number	Max Load	A	B	C	D	E	F	G	Material
J98-LP-80-0868-P	120 kg	M8	68	80	41.5	25	2.5	8	Base: Polyamide Stud: Steel Anti-Skid Pad: NBR Rubber SH75 Finish: Zn Plated
J98-LP-80-1068-P	120 kg	M10	68	80	41.5	25	2.5	8	
J98-LP-80-10100-P	120 kg	M10	100	80	41.5	25	2.5	8	
J98-LP-80-1268-P	120 kg	M12	68	80	41.5	25	2.5	8	
J98-LP-80-12100-P	120 kg	M12	100	80	41.5	25	2.5	8	
J98-LP-80-12150-P	120 kg	M12	150	80	41.5	25	2.5	8	
J98-LP-80-1668-P	120 kg	M16	68	80	41.5	25	2.5	8	
J98-LP-80-16100-P	120 kg	M16	100	80	41.5	25	2.5	8	
J98-LP-80-16150-P	120 kg	M16	150	80	41.5	25	2.5	8	
J98-LP-80-20100-P	120 kg	M20	100	80	41.5	25	2.5	8	
J98-LP-80-20150-P	120 kg	M20	150	80	41.5	25	2.5	8	



Base Dia: 100 mm

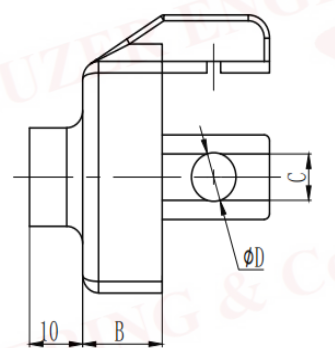
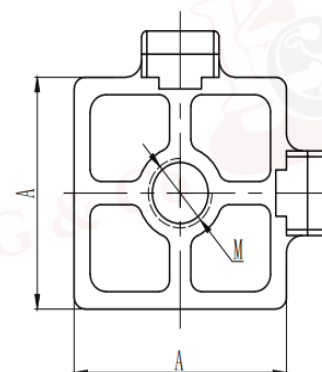
Part Number	Max Load	A	B	C	D	E	F	G	Material
J108-LP-100-16160-P	150 kg	M16	150	100	41.5	25	2.5	8	Base: Polyamide Stud: Steel Anti-Skid Pad: NBR Rubber SH75 Finish: Zn Plated



Base Dia: 75 mm

Part Number	Max Load	M	T	L	L1	Material
J99-LPA-75-1250	500 kg	M12	8	75	50	Base: Carbon Steel Stud: Carbon Steel Finish: Zn Plated
J99-LPA-75-12100	500 kg	M12	8	125	100	
J99-LPA-75-12150	500 kg	M12	8	175	150	
J99-LPA-75-1665	500 kg	M16	10	90	65	
J99-LPA-75-16100	500 kg	M16	10	125	100	
J99-LPA-75-16150	500 kg	M16	10	175	150	

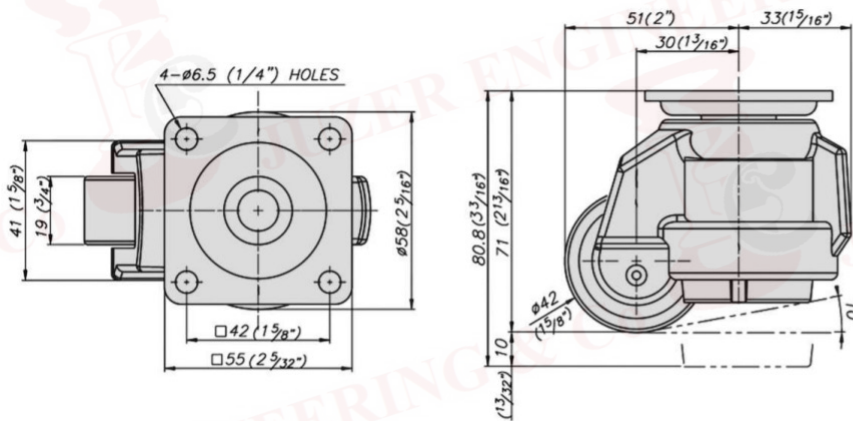
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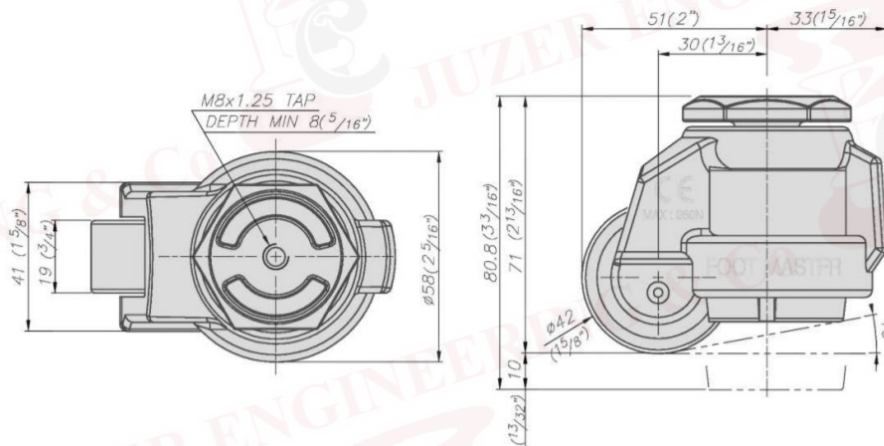
Size	Part Number	A	B	C	D	M	Material	Surface
30*30	J109-MB-3030-M8	30	14	5.7	6.2	M8	Die Cast Aluminium	Black Powder Coated/ Anodized silver finish
40*40	J109-MB-4040-M12	40	15	8	8.3	M12		
45*45	J109-MB-4545-M12	45	16	9.8	8.7	M12		



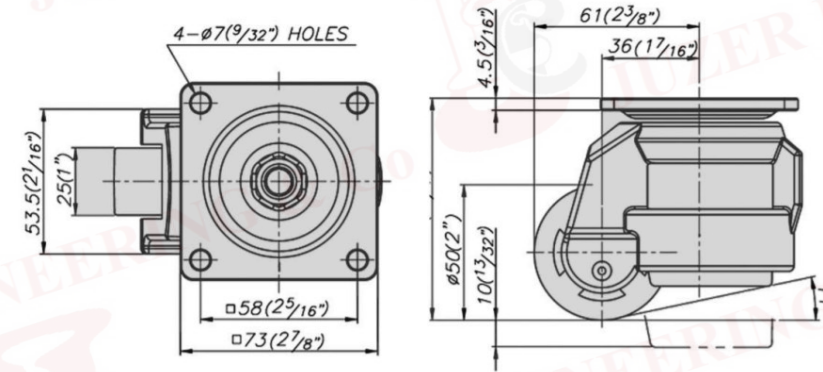
Product Description	Material	Finish
Footmaster leveling casters	Top Plate: Pressed Steel Body: Die Cast Aluminium Wheel: Nylon Leveling Pad: NBR Resin	Powder Coated & Zinc Galvanized



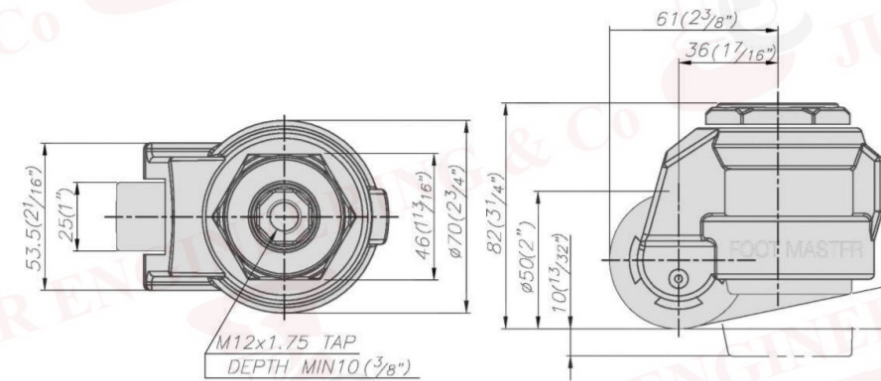
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-40F	42 mm	20 mm	81 mm	150 kg



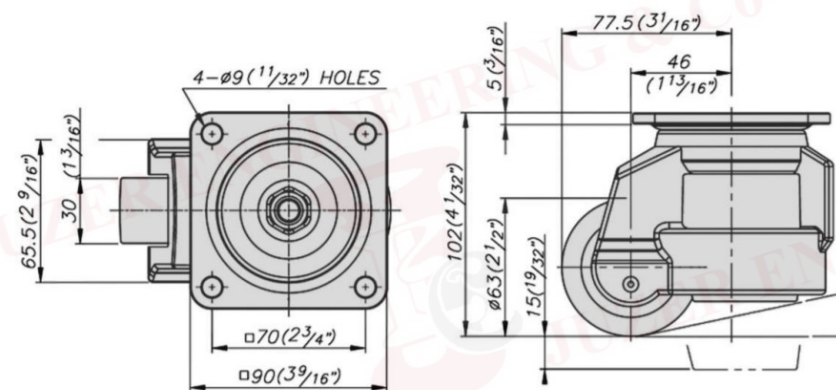
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-40S	42 mm	20 mm	81 mm	150 kg



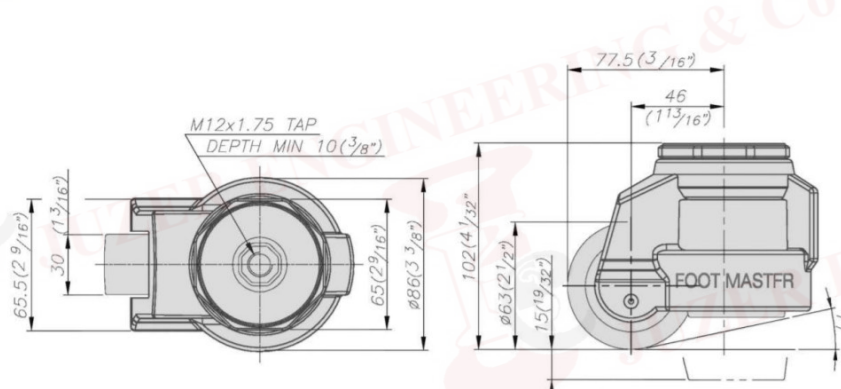
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-60F	50 mm	25 mm	92 mm	500 kg



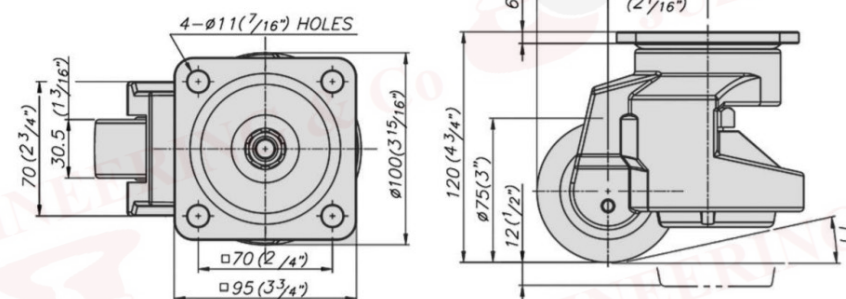
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-60S	50 mm	25 mm	92 mm	500 kg



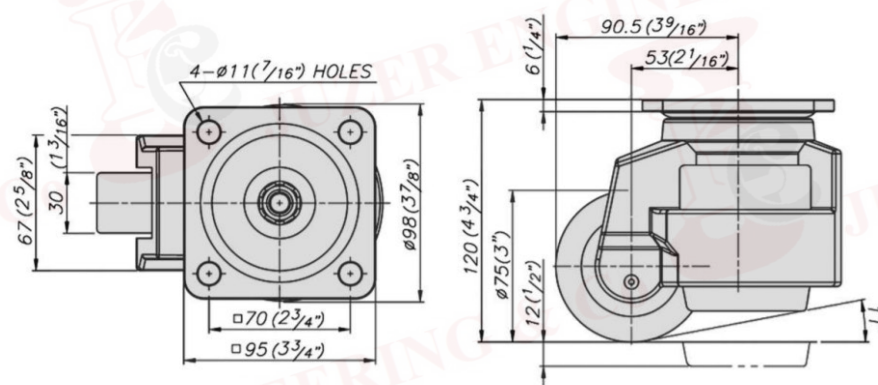
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-80F	63 mm	30 mm	118 mm	1000 kg



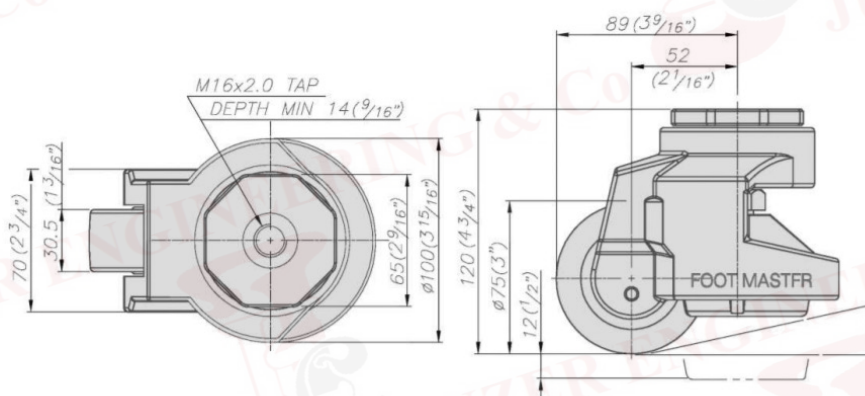
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-80S	63 mm	30 mm	118 mm	1000 kg



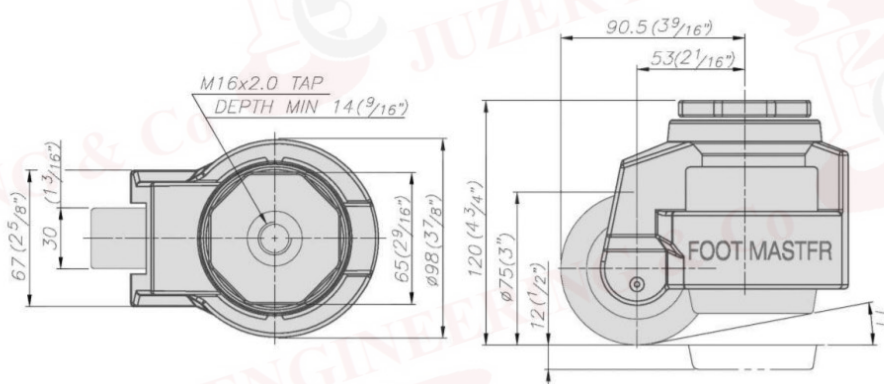
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-120F	75 mm	30 mm	132 mm	2000 kg



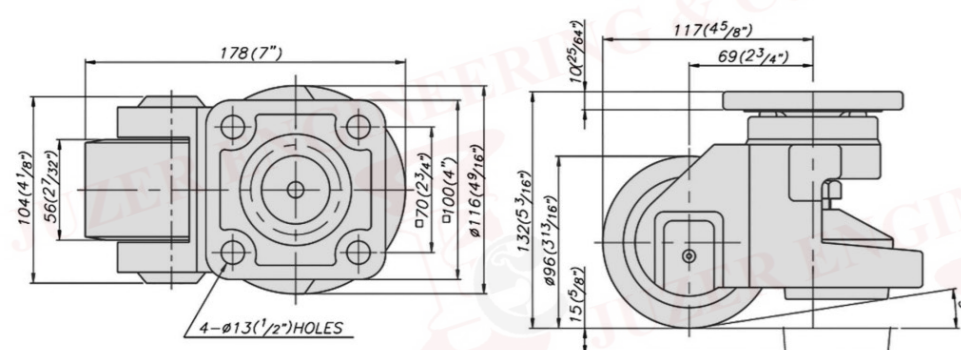
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-100F	75 mm	30 mm	132 mm	1500 kg



Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-120S	75 mm	30 mm	132 mm	2000 kg



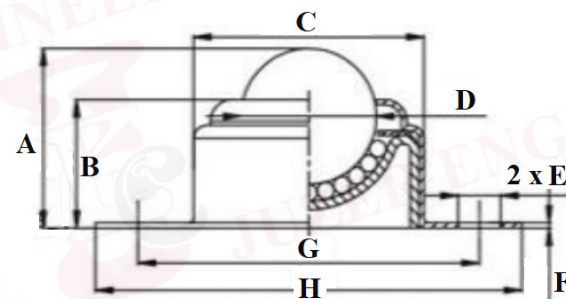
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-100S	75 mm	30 mm	132 mm	1500 kg



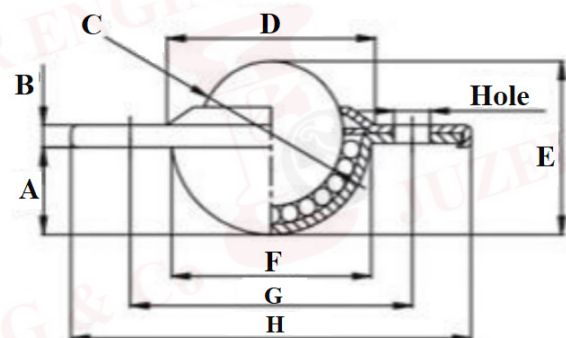
Part Number	Wheel Dia	Wheel Width	Height	Load Capacity/4 Pcs
JLC-150F	96 mm	56 mm	147 mm	3000 kg



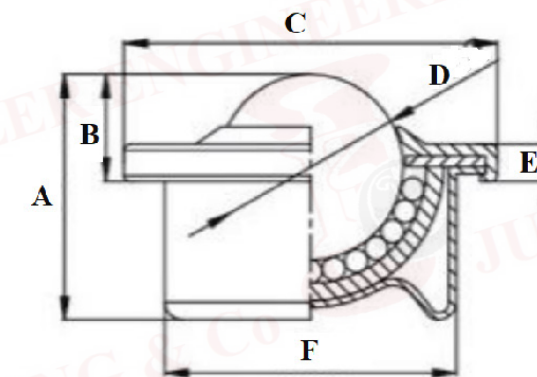
Product Description	Material
Ball Transfer Units	Load Ball: Chromium Steel , Nylon
	Housing: Carbon Steel , Nylon



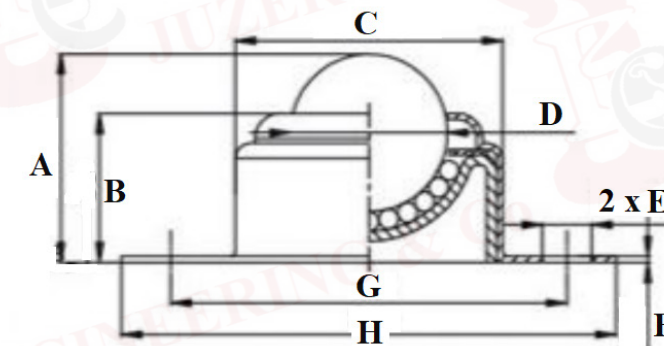
Part Number	Ball Dia	A	B	C	D	E	F	G	H	Max Load
J-BTU-15A	15 mm	21	16	Φ27	Φ15	Φ4	1	40	50	15 kg
J-BTU-25A	25 mm	31	23	Φ43	Φ25	Φ5	1.2	56	71	30 kg
J-BTU-30A	30 mm	40	31	Φ52	Φ30	Φ7	1.5	70	86	50 kg



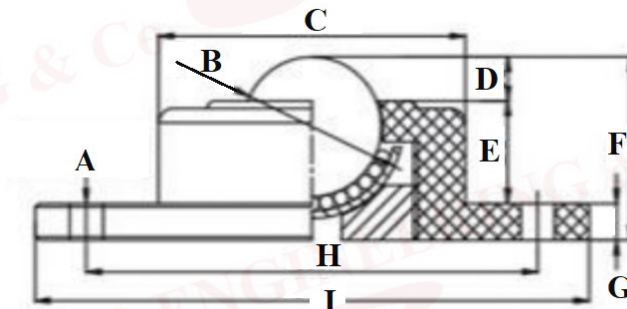
Part Number	Ball Dia	A	B	C	D	Hole	E	F	G	H	Max Load
J-BTU-15B	15 mm	9	2.5	Φ15	Φ23	2xΦ4.5	19	22	31	44	15 kg
J-BTU-25B	25 mm	16	3	Φ25	Φ37	2xΦ5.5	30	40	55	71	30 kg
J-BTU-30B	30 mm	19	4	Φ30	Φ45	3xΦ5.0	37	43	60	73	45 kg
J-BTU-38B	38 mm	28	6	Φ38	Φ60	3xΦ5.0	32	55	80	95	55 kg



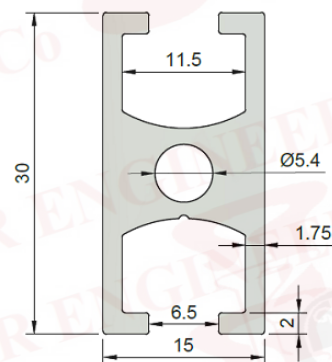
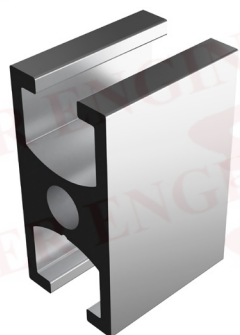
Part Number	Ball Dia	A	B	C	D	E	F	Max Load
J-BTU-15H	15 mm	21	10	Φ32	Φ15	3	Φ25	25 kg
J-BTU-22H	22 mm	30	10	Φ45	Φ22	3	Φ36	55 kg
J-BTU-30H	30 mm	35.5	13	Φ55	Φ30	3.2	Φ45	85 kg



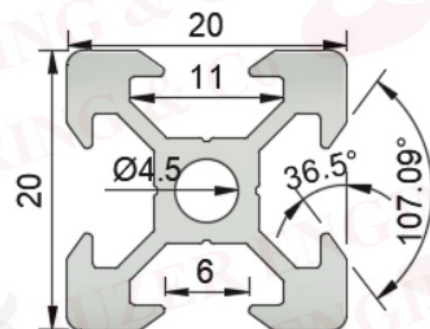
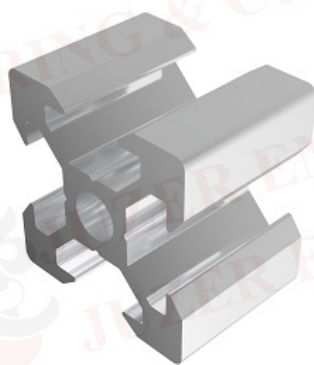
Part Number	Ball Dia	A	B	C	D	E	F	G	H	Max Load
J-BTU-15ANB	15 mm	21	16	Φ27	Φ15	Φ4	1	40	50	10 kg
J-BTU-25ANB	25 mm	31	23	Φ43	Φ25	Φ5	1.2	56	71	25 kg
J-BTU-30ANB	30 mm	40	31	Φ52	Φ30	Φ7	1.5	70	86	30 kg



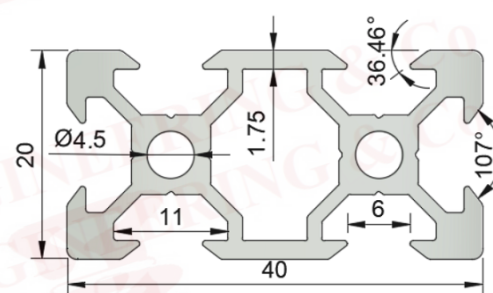
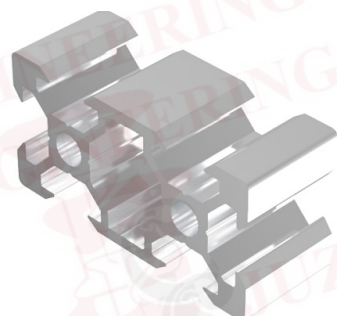
Part Number	Ball Dia	A	B	C	D	E	F	G	H	I	Max Load
J-BTU-15ACN	15 mm	Φ7	Φ15	Φ37	6	14	25	5	60	75	10 kg
J-BTU-25ACN	25 mm	Φ7	Φ25	Φ47	8	19	32	5	68	85	20 kg
J-BTU-30ACN	30 mm	Φ11	Φ30	Φ60	10	26	40	8	75	100	30 kg
J-BTU-38ACN	38 mm	Φ11	Φ38	Φ79	10	26	46	10	110	140	40 kg



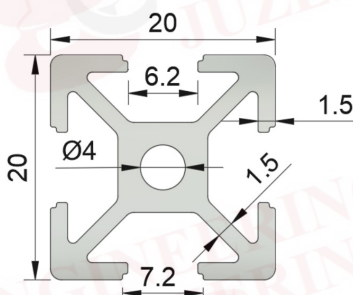
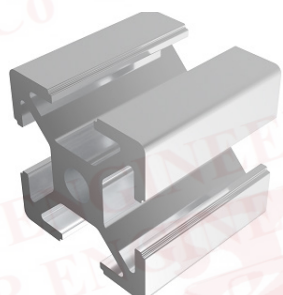
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
15x30	JA1-06-1530	6	0.550-0.620



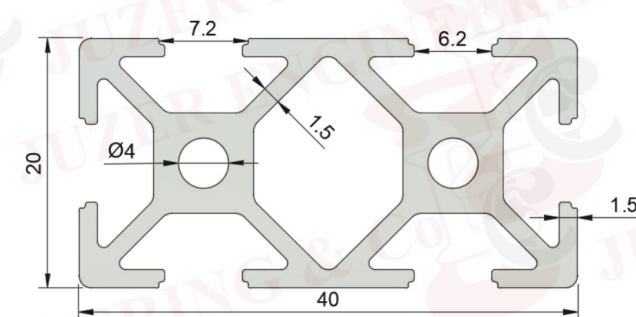
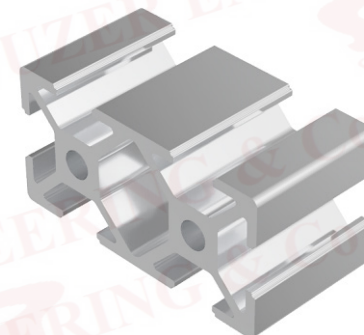
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
20x20 (V-Slot)	JA2-06-2020V	6	0.410-0.470



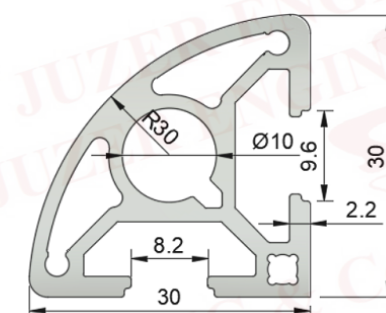
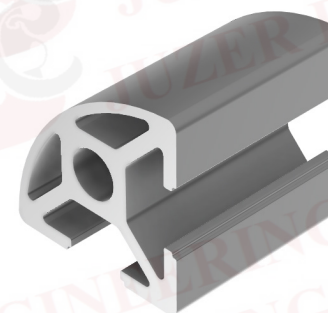
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
20x40 (V-Slot)	JA3-06-2040V	6	0.730-0.820



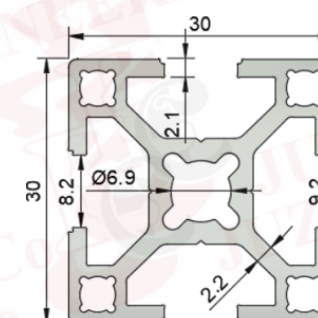
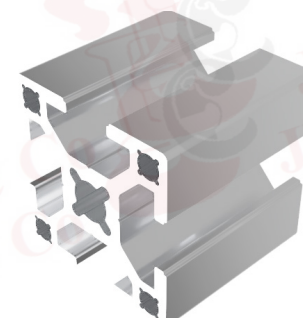
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
20x20	JA4-06-2020	6	0.480-0.540



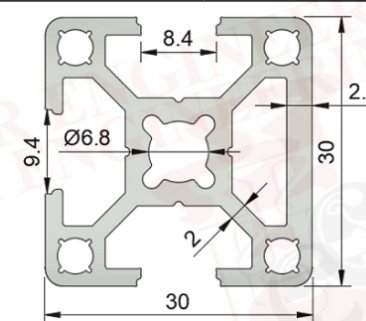
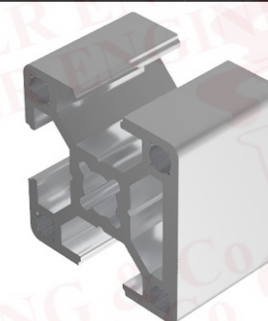
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
20x40	JA5-06-2040	6	0.870-0.980



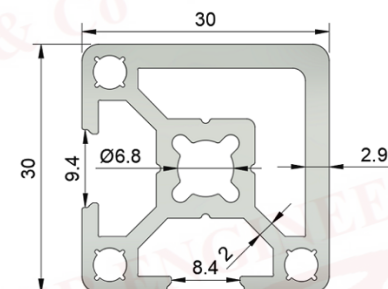
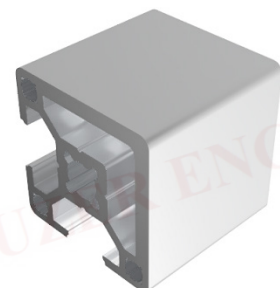
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
20x20-R	JA38-06-2020R	6	0.440-0.460



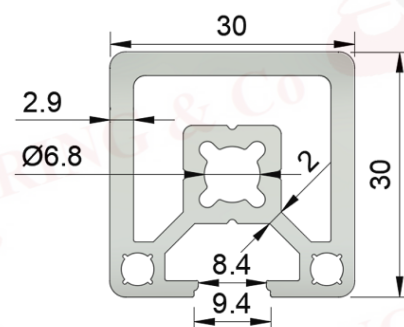
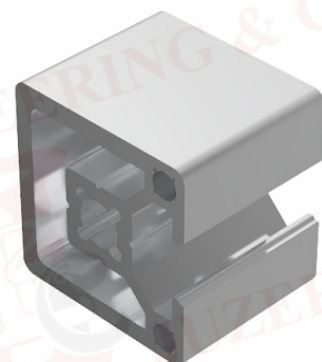
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
30x30	JA6-08-3030	8	0.800-0.900



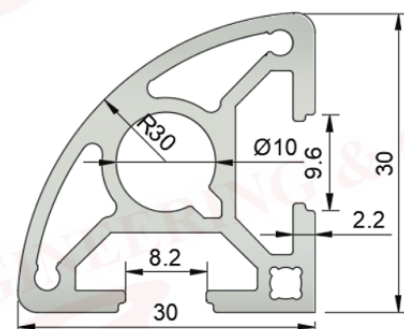
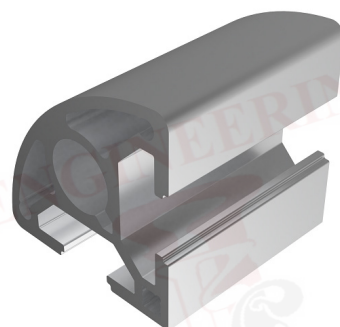
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
30x30-1SC	JA7-08-30301SC	8	0.920-0.937



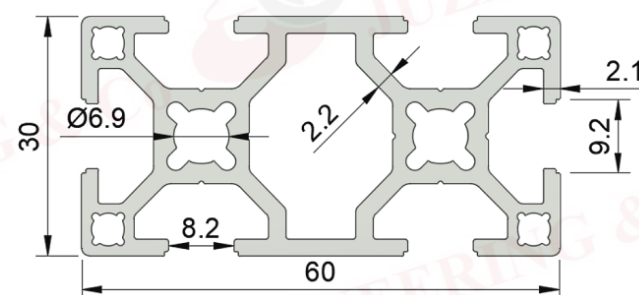
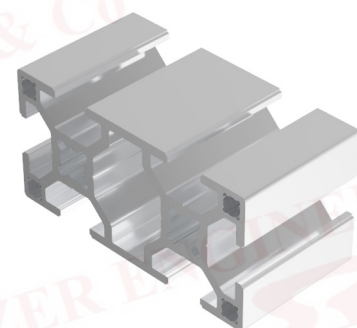
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
30x30-2SC	JA8-08-30302SC	8	0.950-1.070



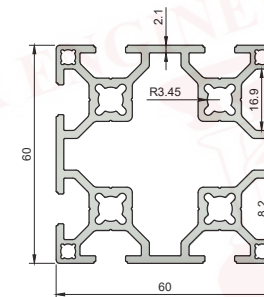
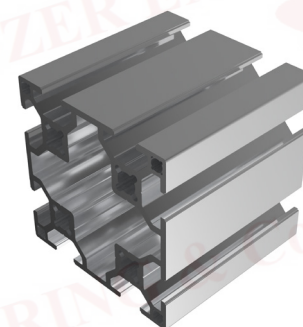
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
30x30-3SC	JA9-08-30303SC	8	1.000-1.120



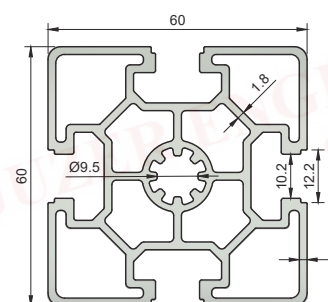
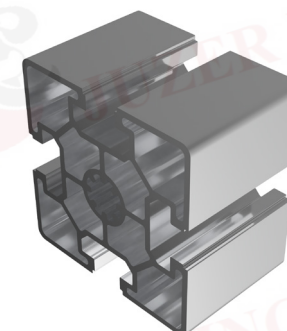
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
30x30-R	JA10-08-3030R	8	0.710-0.800



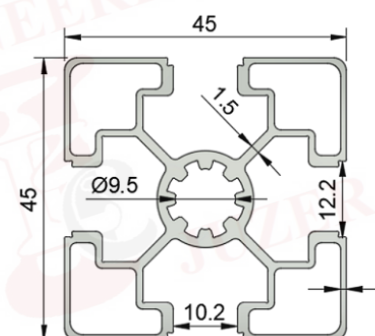
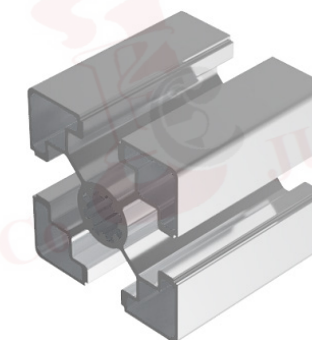
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
30x60	JA11-08-3060	8	1.460-1.640



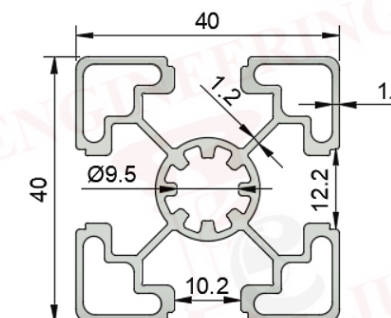
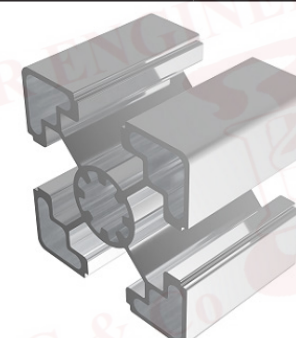
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
60x60-8 Slot	JA12-08-6060	8	2.340-2.640



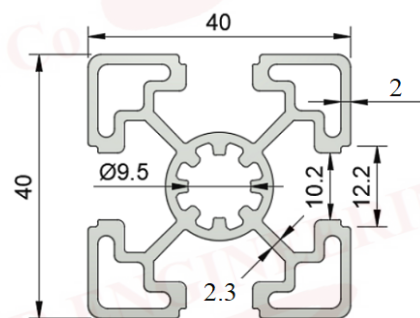
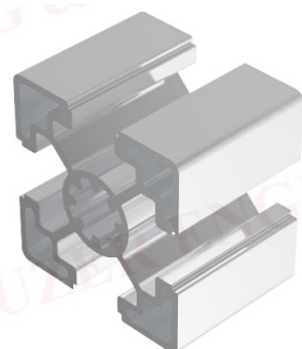
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
60x60	JA13-10-6060	10	2.490-2.800



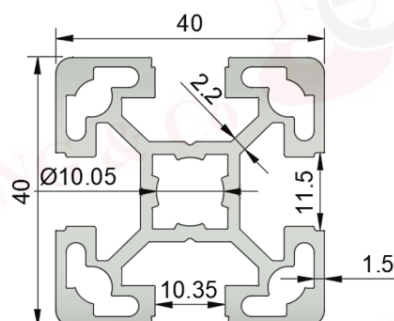
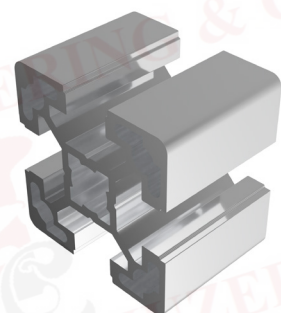
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-M	JA14-10-4040M	10	1.230-1.380



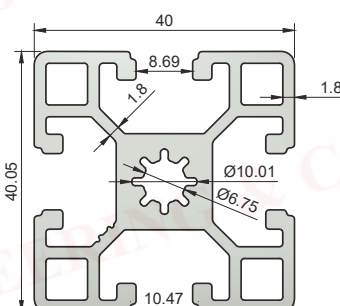
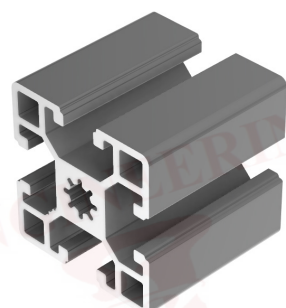
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-L	JA15-10-4040L	10	0.980-1.100



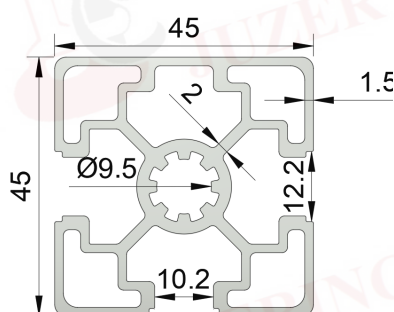
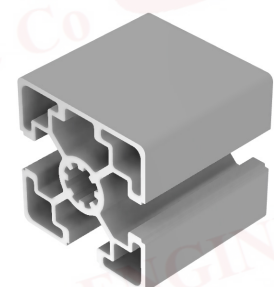
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-H	JA16-10-4040H	10	1.470-1.660



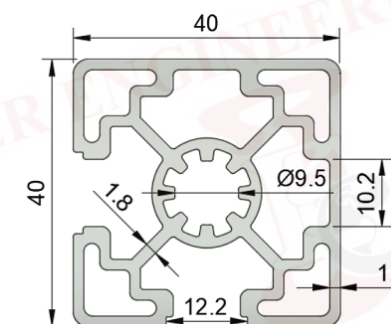
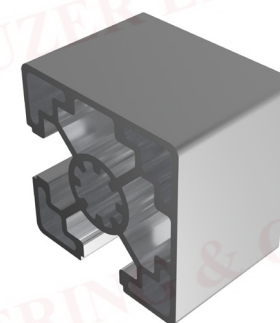
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-SQ	JA17-10-4040SQ	10	1.380-1.560

NEW


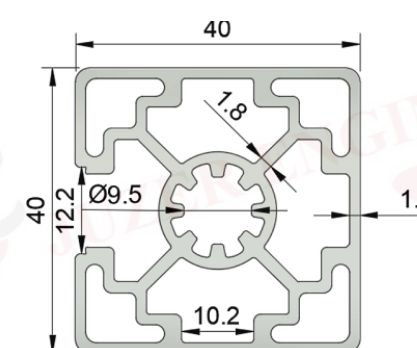
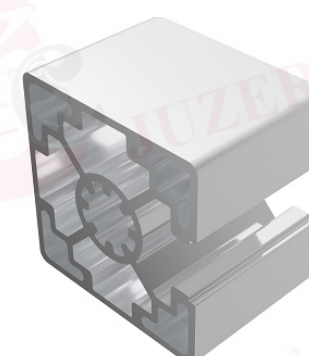
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-H (Slot-8)	JA39-08-4040H	8	1.470-1.660



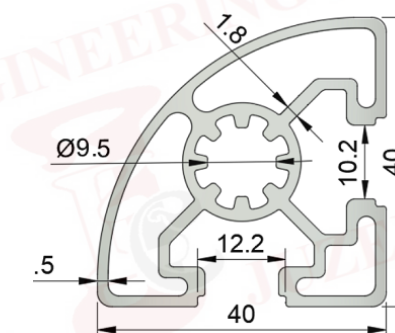
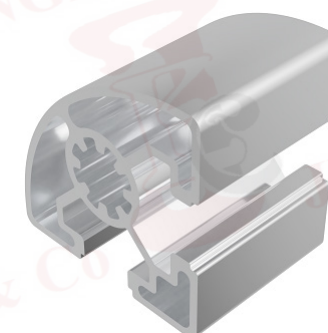
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-1SC	JA18-10-40401SC	10	1.230-1.390



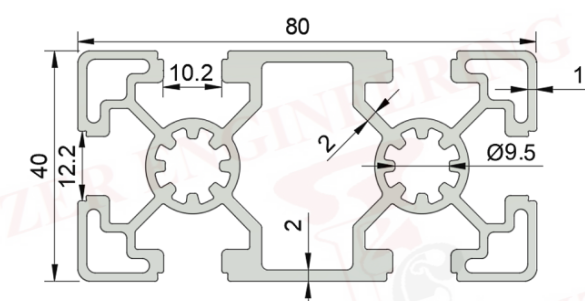
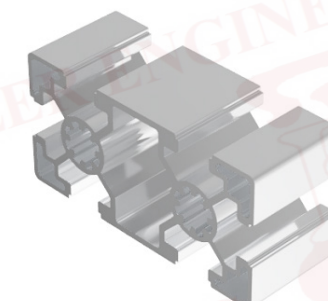
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-2SC	JA19-10-40402SC	10	1.360-1.530



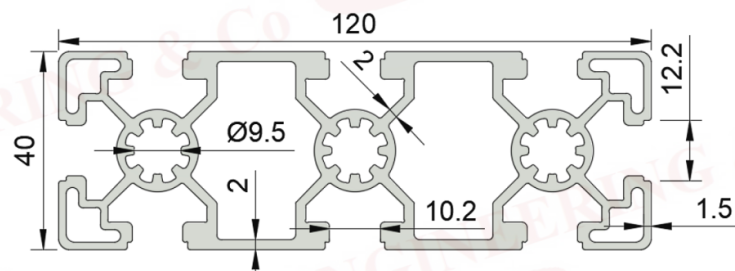
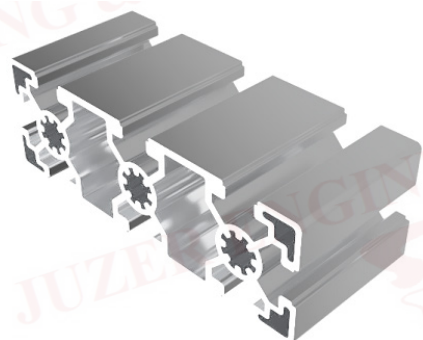
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-3SC	JA20-10-40403SC	10	1.380-1.550



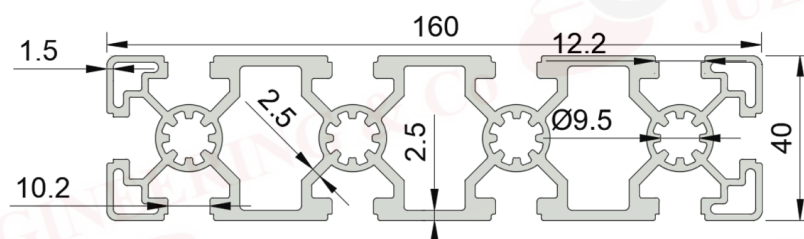
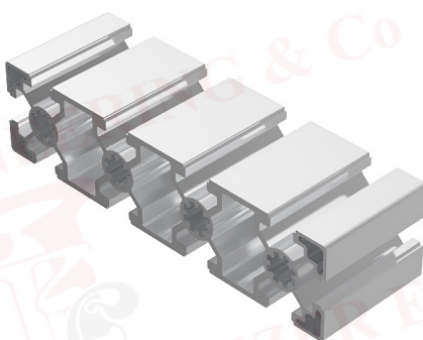
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40x40-R	JA21-10-4040R	10	1.050-1.180



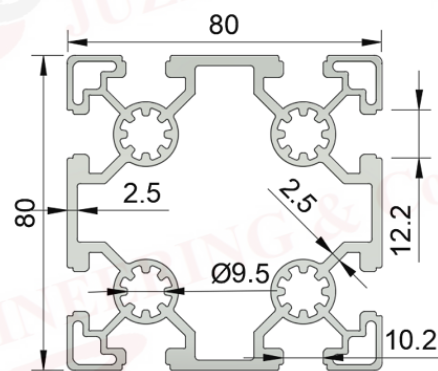
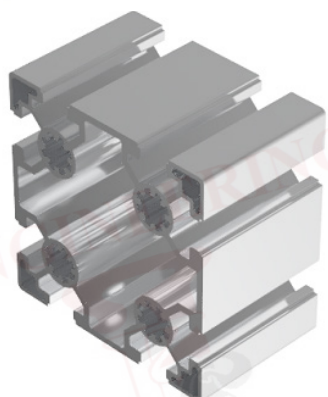
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40X80	JA22-10-4080	10	2.270-2.550



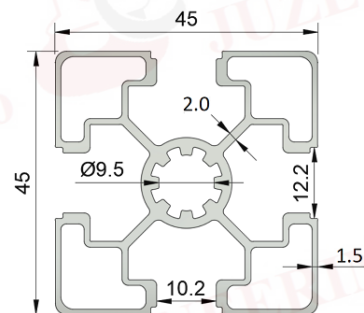
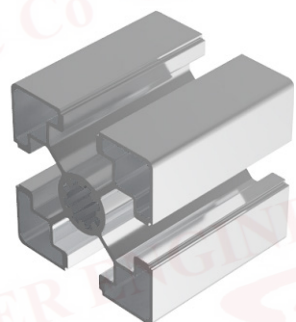
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40X120	JA23-10-40120	10	3.310-3.730



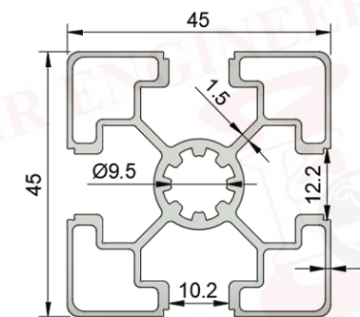
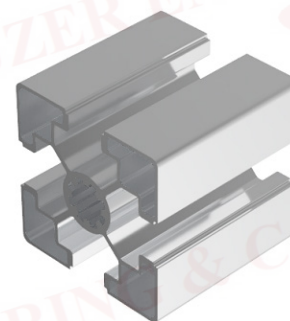
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
40X160	JA24-10-40160	10	4.710-5.300



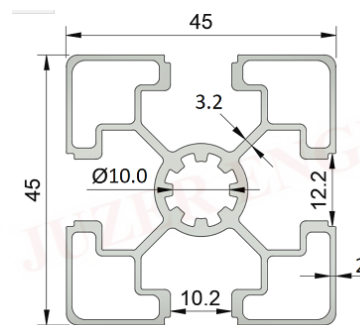
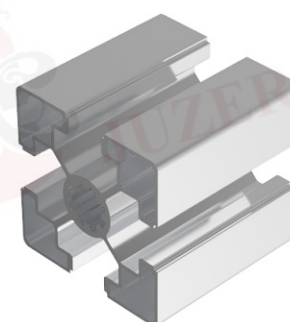
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
80x80	JA25-10-8080	10	3.800-4.280



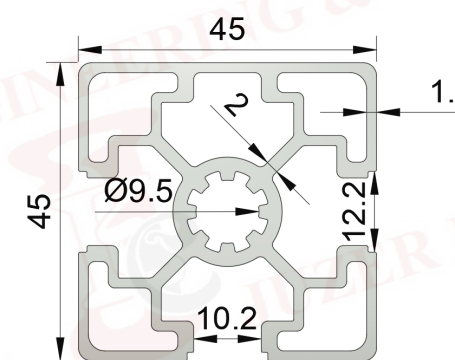
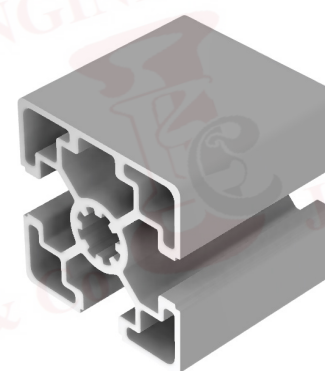
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x45-M	JA26-10-4545M	10	1.450-1.630



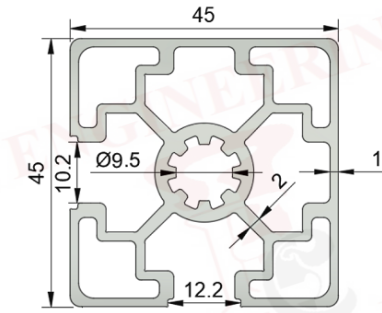
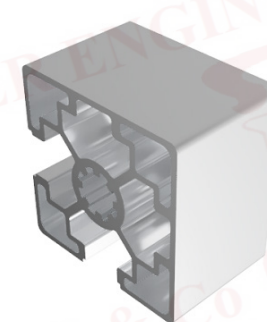
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x45-L	JA27-10-4545L	10	1.050-1.290



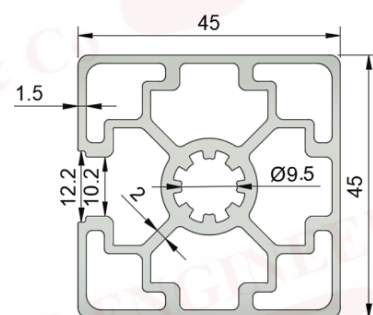
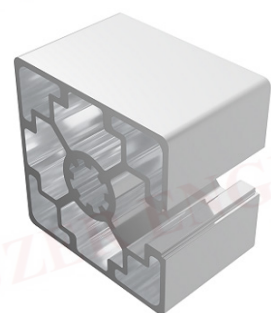
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x45-H	JA28-10-4545H	10	1.880-2.110



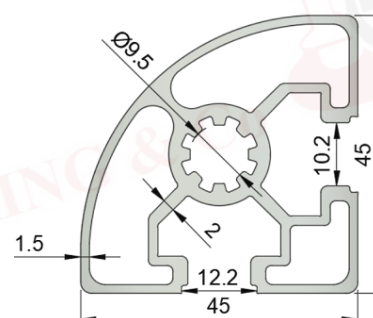
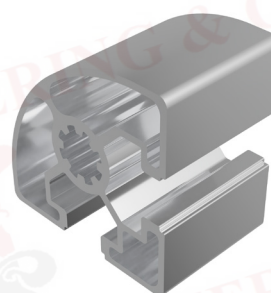
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x45-1SC	JA29-10-45451SC	10	1.510-1.680



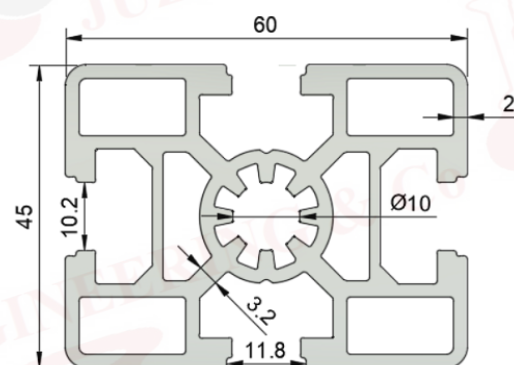
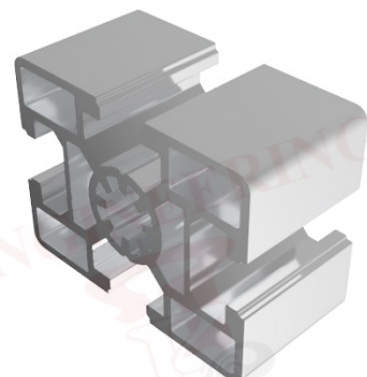
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x45-2SC	JA30-10-45452SC	10	1.560-1.750



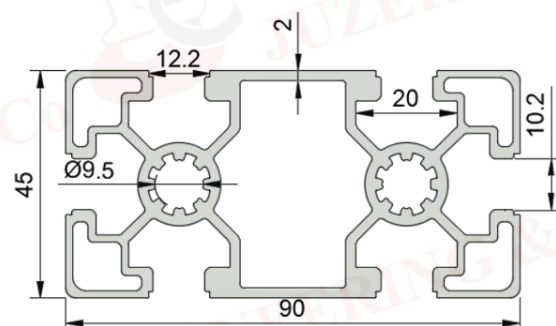
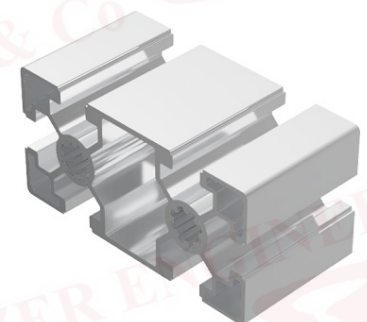
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x45-3SC	JA31-10-45453SC	10	1.600-1.810



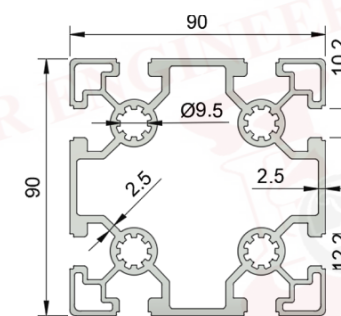
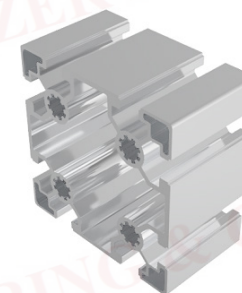
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x45-R	JA32-10-4545R	10	1.250-1.400



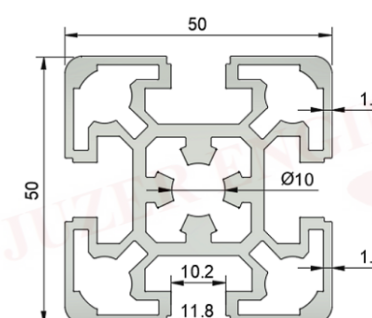
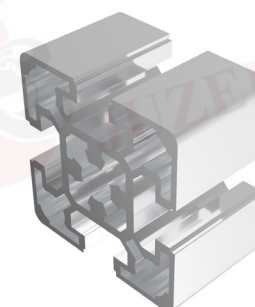
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x60	JA33-10-4560	10	2.420-2.720



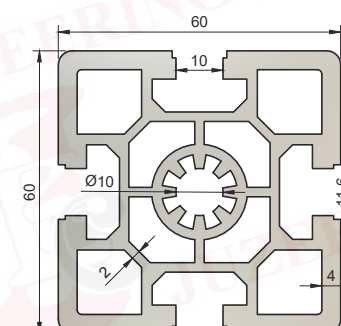
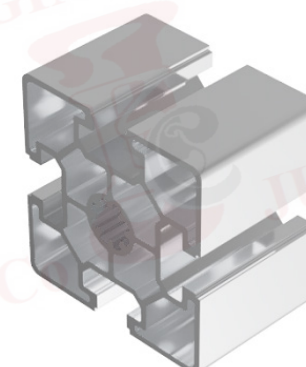
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
45x90	JA34-10-4590	10	2.660-2.990



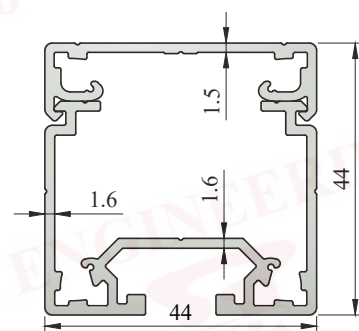
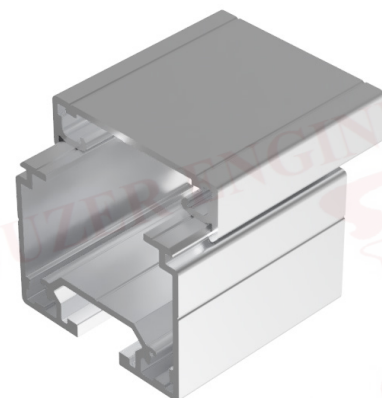
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
90x90	JA35-10-9090	10	4.450-5.010



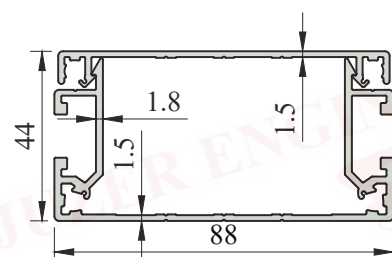
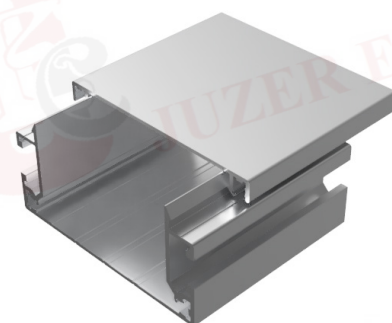
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
50x50	JA36-10-5050	10	2.250-2.520



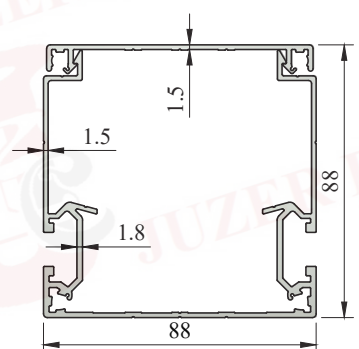
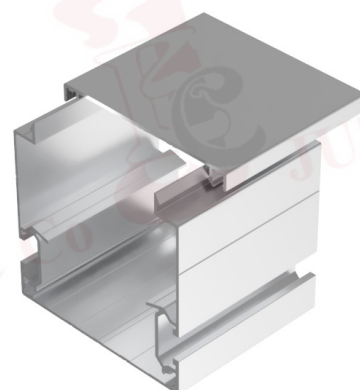
Profile Size (mm)	Part Number	Slot Width (mm)	Wt. Range (kg/m)
60x60-H	JA37-10-6060H	10	3.800-4.000



Duct Size (mm)	Part Number	Wt. Range (kg/m)	Face Area (sq.mm)
45x45	JAD01-4545	1.110-1.210	428



Duct Size (mm)	Part Number	Wt. Range (kg/m)	Face Area (sq.mm)
45x90	JAD02-4590	1.630-1.730	622



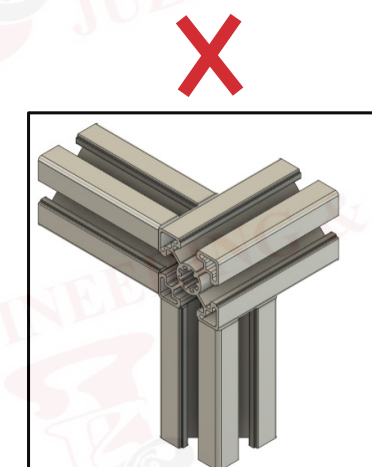
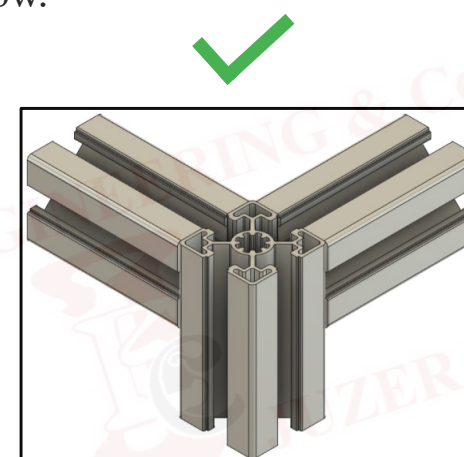
Duct Size (mm)	Part Number	Wt. Range (kg/m)	Face Area (sq.mm)
90x90	JAD03-9090	2.170-2.270	823

5 ESSENTIAL TIPS FOR ALUMINIUM PROFILE USAGE

Here are 5 tips for using aluminium profiles effectively and achieving a strong and stable assembly:

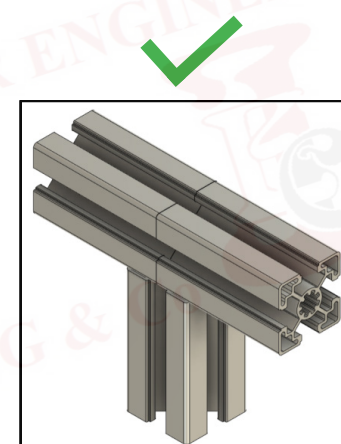
1. Optimal Profile Positioning:

When connecting vertical and horizontal aluminium profiles, ensure that the horizontal profiles are securely fastened to the vertical ones. This correct alignment enhances the assembly's strength and stability, as illustrated below.



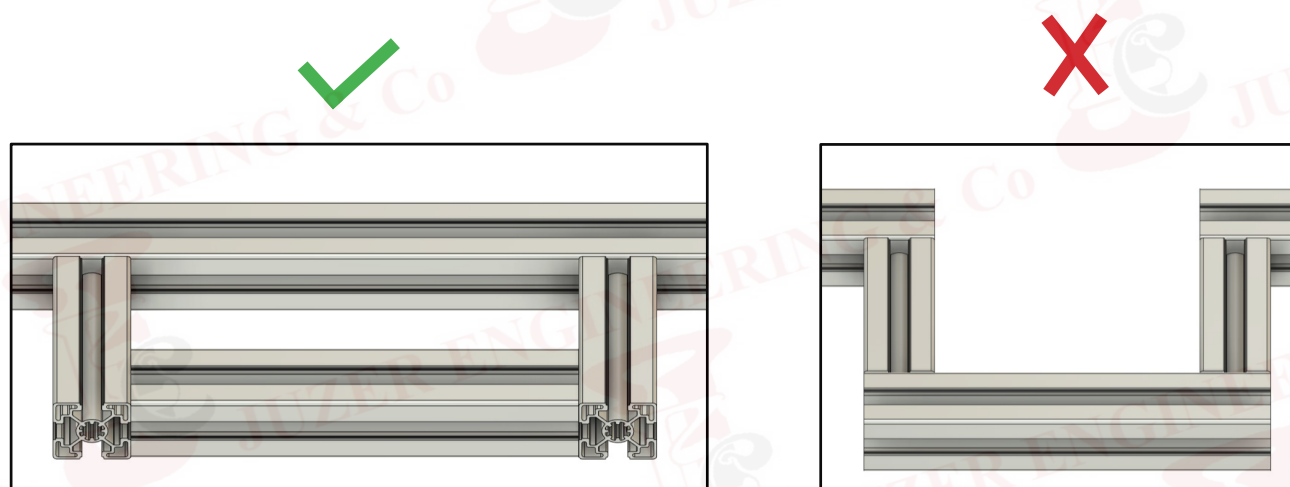
2. Provide Support for Butt-Fastened Joints:

When joining two horizontal aluminium profiles with a butt-fastened joint, always include additional support to bolster the connection.



3. Continuous Profile Lines for Longer Sections:

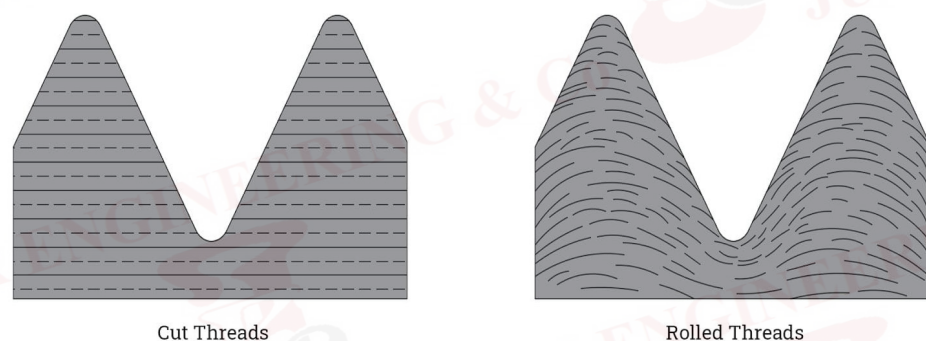
When working with longer sections in your assembly, use uninterrupted aluminium profiles. For shorter profiles, make sure to fasten them to longer ones to maintain stability and prevent an unstable assembly.



4. Choose Rolling for Thread Formation:

To maximize load-bearing capacity, create threads on aluminium profiles by rolling them instead of cutting. Rolling results in a 30% stronger thread and, consequently, a more robust joint.

Cut and Rolled Threads Grain Structure Comparison



5. Select Connectors Wisely:

Using inappropriate connectors affects the assembly's carrying capacity, ease of use, and assembly time. Select connectors based on specific requirements. The table below is a guide for you to choose the optimal connector:-

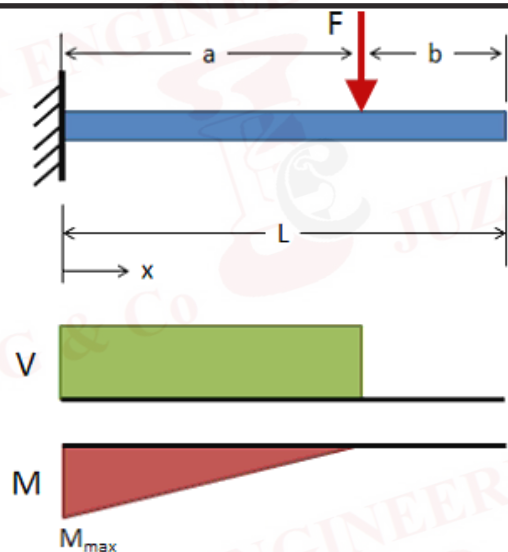
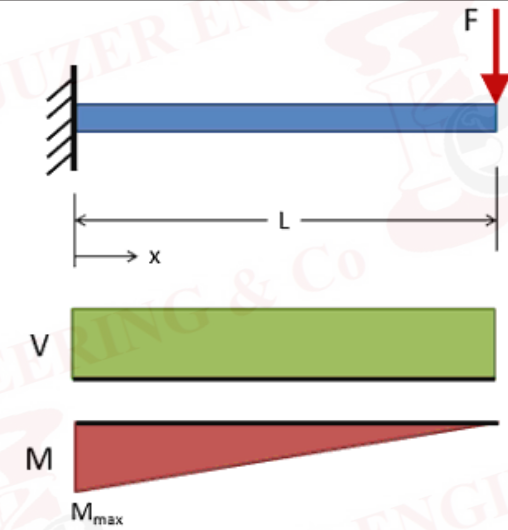
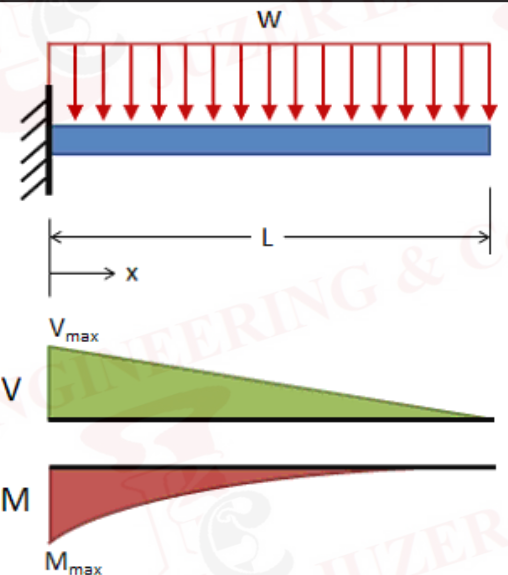
1 = Worse

5 = Best

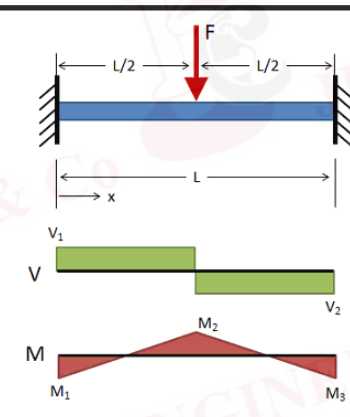
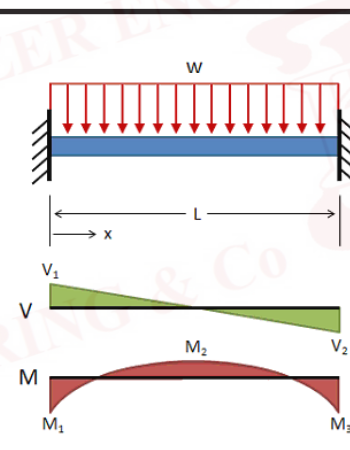
	Quick Connector	Bracket	Inner Bracket	Bolt connector	Connection Screw
Flexibility of Usage	5	5	2	2	3
Adjustability	5	5	3	1	1
Frame Stiffness	4	4	2	5	5
Vibrational Resistance	4	2	1	5	5
Space Requirement	5	2	5	4	5
Assembly Time	5	5	4	1	4
Cost Effectiveness	4	5	4	2	4
Aesthetic appeal	5	1	5	5	5

Guide For Calculating Bending Properties

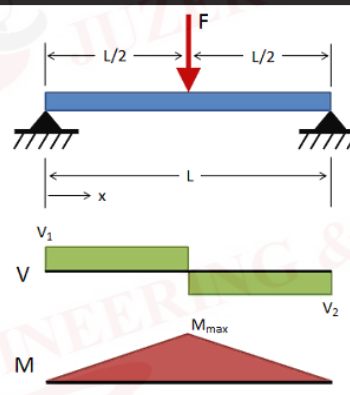
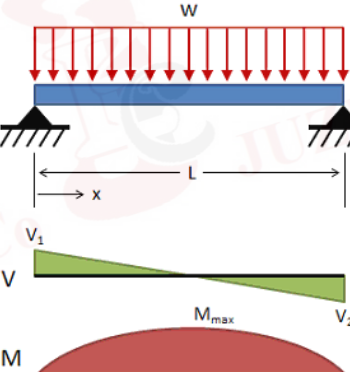
Type of Beam: Cantilever

End Load		Deflection $\delta_{max} = \frac{Fa^2}{6EI} (3L - a)$ Shear $V = +F \quad (0 \leq x \leq a)$ $V = 0 \quad (a \leq x \leq L)$ Moment $M = -F(a - x) \quad (0 \leq x \leq a)$ $M = 0 \quad (a \leq x \leq L)$
Intermediate Load		Deflection $\delta_{max} = \frac{FL^3}{3EI}$ Shear $V = +F$ Moment $M_{max} = -FL$
Uniform Distributed Load		Deflection $\delta_{max} = \frac{wL^4}{8EI}$ Shear $V_{max} = +wL \quad @ \ x = 0$ Moment $M_{max} = -wL^2 / 2$

Type of Beam: Fixed Support

Center Load		Deflection $\delta_{max} = \frac{FL^3}{192EI}$ Shear $V_1 = +F / 2 \quad (0 \leq x \leq L/2)$ $V_2 = -F / 2 \quad (L/2 \leq x \leq L)$ Moment $M = F(4x - L) / 8 \quad (0 \leq x \leq L/2)$ $M_1 = M_3 = -FL / 8 \quad @ \ x = 0 \ \& \ x = L$ $M_2 = +FL / 8 \quad @ \ x = L/2$
Uniform Distributed Load		Deflection $\delta_{max} = \frac{wL^4}{384EI}$ Shear $V = w(L/2 - x)$ $V_1 = +wL / 2 \quad @ \ x = 0$ $V_2 = -wL / 2 \quad @ \ x = L$ Moment $M = w(6Lx - 6x^2 - L^2) / 12$ $M_1 = M_3 = -wL^2 / 12 \quad @ \ x = 0 \ \& \ x = L$ $M_2 = wL^2 / 24 \quad @ \ x = L/2$

Type of Beam: Simple Support

Center Load		Deflection $\delta = -\frac{Fx}{48EI} (3L^2 - 4x^2) \quad (0 \leq x \leq L/2)$ $\delta_{max} = \frac{FL^3}{48EI} \quad @ \ x = L/2$ Shear $V_1 = +F / 2 \quad (0 \leq x \leq L/2)$ $V_2 = -F / 2 \quad (L/2 \leq x \leq L)$ Moment $M_{max} = FL / 4 \quad @ \ x = L/2$
Uniform Distributed Load		Deflection $\delta = -\frac{wx}{24EI} (L^3 - 2Lx^2 + x^3)$ $\delta_{max} = \frac{5wL^4}{384EI}$ Shear $V = w(L/2 - x)$ $V_1 = +wL / 2 \quad @ \ x = 0$ $V_2 = -wL / 2 \quad @ \ x = L$ Moment $M_{max} = wL^2 / 8 \quad @ \ x = L/2$



Assumptions	
Orientation of section as per catalogue, with centroid as origin	0.10
1N to 1kgf conversion	69,972
Youngs Modulus of Aluminium (N/mm2)	0.1%
Max Allowed Deflection (% of section length)	

Profile Section \ Length in mm	Ixx (10 ⁴ mm ⁴)	Simply Supported			Fixed Support			Cantilever			
		Central Load	Uniform Distributed Load	Central Load	Uniform Distributed Load	Central Load	Uniform Distributed Load	Central Load	Uniform Distributed Load	End Load (Cantilever)	
15x30	12.5	17	4	28	7	69	17	1000	500	1000	1000
20x20 (V-Slot)	6.9	9	2	15	4	38	9	1000	500	1000	1000
20x40 (V-Slot)	11.9	16	4	26	6	65	16	1000	500	1000	1000
20x20	6.4	9	2	14	4	35	9	1000	500	1000	1000
20x40	11.9	16	4	26	7	65	16	1000	500	1000	1000
30x30	27.4	38	9	60	15	150	38	1000	500	1000	1000
30x30-1SC	28.1	39	10	62	15	154	39	1000	500	1000	1000
30x30-2SC	33.5	46	11	73	18	183	46	1000	500	1000	1000
30x30-3SC	34.0	47	12	74	19	186	47	1000	500	1000	1000
30x30-R	21.8	30	7	48	12	120	30	1000	500	1000	1000
30x60	53.1	73	18	116	29	291	73	1000	500	1000	1000
60x60-8 Slot	356.5	488	122	781	195	1,954	488	1000	500	1000	1000
60x60	323.4	443	111	709	177	1,772	443	1000	500	1000	1000
40x40-M	74.7	102	26	164	41	409	102	1000	500	1000	1000
40x40-L	58.7	80	20	129	32	322	80	1000	500	1000	1000



40x40-H	82.9	114	28	182	45	454	114	909	227	57	14	19	5	7	2
40x40-SQ	90.0	123	31	197	49	493	123	986	247	62	15	21	5	8	2
40x40-1SC	78.1	107	27	171	43	428	107	856	214	54	13	18	4	7	2
40x40-2SC	81.6	112	28	179	45	447	112	894	224	56	14	19	5	7	2
40x40-3SC	88.6	121	30	194	49	485	121	971	243	61	15	20	5	8	2
40x40-R	54.4	75	19	119	30	298	75	596	149	37	9	12	3	5	1
40X80	152.5	209	52	334	84	836	209	1,671	418	104	26	35	9	13	3
40X120	230.4	316	79	505	126	1,262	316	2,525	631	158	39	53	13	20	5
40X160	334.6	458	115	733	183	1,834	458	3,667	917	229	57	76	19	29	7
80x80	1,054.7	1,445	361	2,312	578	5,780	1,445	11,559	2,890	722	181	241	60	90	23
45x45-M	105.7	145	36	232	58	579	145	1,159	290	72	18	24	6	9	2
45x45-L	77.1	106	26	169	42	423	106	845	211	53	13	18	4	7	2
45x45-H	135.1	185	46	296	74	740	185	1,480	370	93	23	31	8	12	3
45x45-1SC	117.4	161	40	257	64	643	161	1,286	322	80	20	27	7	10	3
45x45-2SC	117.6	161	40	258	64	644	161	1,289	322	81	20	27	7	10	3
45x45-3SC	126.5	173	43	277	69	693	173	1,387	347	87	22	29	7	11	3
45x45-R	81.2	111	28	178	45	445	111	890	223	56	14	19	5	7	2
45x60	181.2	248	62	397	99	993	248	1,986	497	124	31	41	10	16	4
45x90	224.5	307	77	492	123	1,230	307	2,460	615	154	38	51	13	19	5
90x90	1,565.8	2,145	536	3,432	858	8,580	2,145	17,160	4,290	1,073	268	358	89	134	34
50x50	197.5	271	68	433	108	1,082	271	2,164	541	135	34	45	11	17	4
60x60-H	525.7	720	180	1,152	288	2,881	720	5,762	1,440	360	90	120	30	45	11
20x20-R	4.9	7	2	11	3	27	7	53	13	3	1	1	0	0	0
40x40-H (Slot-8)	86.4	118	30	189	47	474	118	947	237	59	15	20	5	7	2



Assumptions	
Orientation of section as per catalogue, with centroid as origin	0.10
1N to 1kgf conversion	69,972
Youngs Modulus of Aluminium (N/mm2)	0.1%
Max Allowed Deflection (% of section length)	

Profile Section \ Length in mm	I _{yy} (10 ⁴ mm ⁴)	Simply Supported			Fixed Support			Cantilever							
		Central Load		Uniform Distributed Load	Central Load		Uniform Distributed Load	Central Load		Uniform Distributed Load	End Load (Cantilever)				
		500	1000	500	1000	500	1000	500	1000	500	1000	500	1000		
15x30	6.3	9	2	14	3	35	9	69	17	4	1	1	0	1	0
20x20 (V-Slot)	6.9	9	2	15	4	38	9	75	19	5	1	2	0	1	0
20x40 (V-Slot)	46.4	64	16	102	25	254	64	508	127	32	8	11	3	4	1
20x20	6.4	9	2	14	4	35	9	71	18	4	1	1	0	1	0
20x40	45.5	62	16	100	25	249	62	498	125	31	8	10	3	4	1
30x30	27.4	38	9	60	15	150	38	301	75	19	5	6	2	2	1
30x30-15C	33.0	45	11	72	18	181	45	361	90	23	6	8	2	3	1
30x30-25C	33.5	46	11	73	18	183	46	367	92	23	6	8	2	3	1
30x30-35C	39.6	54	14	87	22	217	54	434	109	27	7	9	2	3	1
30x30-R	21.8	30	7	48	12	120	30	239	60	15	4	5	1	2	0
30x60	193.5	265	66	424	106	1,060	265	2,121	530	133	33	44	11	17	4
60x60-8 Slot	356.5	488	122	781	195	1,954	488	3,907	977	244	61	81	20	31	8
60x60	323.4	443	111	709	177	1,772	443	3,544	886	222	55	74	18	28	7
40x40-M	74.7	102	26	164	41	409	102	818	205	51	13	17	4	6	2
40x40-L	58.7	80	20	129	32	322	80	643	161	40	10	13	3	5	1



40x40-H	82.9	114	28	182	45	454	114	909	227	57	14	19	5	7	2
40x40-SQ	89.9	123	31	197	49	492	123	985	246	62	15	21	5	8	2
40x40-15C	72.1	99	25	158	39	395	99	790	197	49	12	16	4	6	2
40x40-25C	81.6	112	28	179	45	447	112	894	224	56	14	19	5	7	2
40x40-35C	81.7	112	28	179	45	448	112	896	224	56	14	19	5	7	2
40x40-R	54.4	75	19	119	30	298	75	596	149	37	9	12	3	5	1
40X80	536.0	734	184	1,175	294	2,937	734	5,875	1,469	367	92	122	31	46	11
40X120	1,700.0	2,329	582	3,726	932	9,316	2,329	18,631	4,658	1,164	291	388	97	146	36
40X160	4,042.6	5,538	1,385	8,861	2,215	22,153	5,538	44,305	11,076	2,769	692	923	231	346	87
80x80	1,054.7	1,445	361	2,312	578	5,780	1,445	11,559	2,890	722	181	241	60	90	23
45x45-M	105.7	145	36	232	58	579	145	1,159	290	72	18	24	6	9	2
45x45-L	77.1	106	26	169	42	423	106	845	211	53	13	18	4	7	2
45x45-H	135.1	185	46	296	74	740	185	1,480	370	93	23	31	8	12	3
45x45-15C	109.2	150	37	239	60	598	150	1,197	299	75	19	25	6	9	2
45x45-25C	117.6	161	40	258	64	644	161	1,289	322	81	20	27	7	10	3
45x45-35C	117.8	161	40	258	65	646	161	1,291	323	81	20	27	7	10	3
45x45-R	81.2	111	28	178	45	445	111	890	223	56	14	19	5	7	2
45x60	301.2	413	103	660	165	1,650	413	3,301	825	206	52	69	17	26	6
45x90	796.8	1,092	273	1,747	437	4,366	1,092	8,733	2,183	546	136	182	45	68	17
90x90	1,565.8	2,145	536	3,432	858	8,580	2,145	17,160	4,290	1,073	268	358	89	134	34
50x50	197.5	271	68	433	108	1,082	271	2,164	541	135	34	45	11	17	4
60x60-H	525.7	720	180	1,152	288	2,881	720	5,762	1,440	360	90	120	30	45	11
20x20-R	4.9	7	2	11	3	27	7	53	13	3	1	1	0	0	0
40x40-H (Slot-8)	86.5	119	30	190	47	474	119	948	237	59	15	20	5	7	2



NOTES

Blank lined paper for writing.

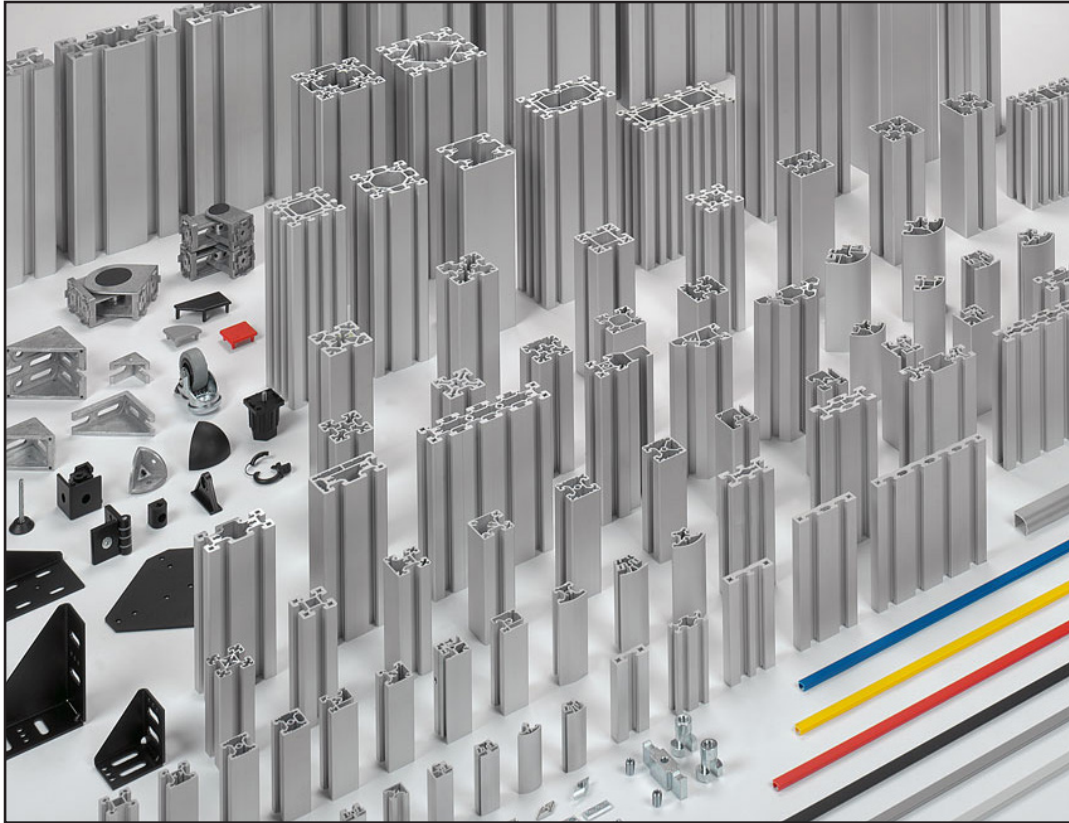


NOTES

Blank lined paper for writing.



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PROFILE SIZE

2020

2040

2020-V

2040-V

3030

3030-R

3030-1SC

3030-2SC

3030-3SC

3060

6060

PROFILE SIZE

4040

4040-R

4040-1SC

4040-2SC

4040-3SC

4060

4080

40120

40160

8080

PROFILE SIZE

4545

4545-R

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