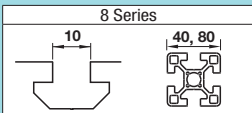


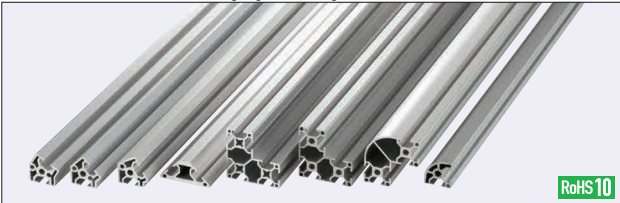
8 Series Aluminum Extrusions 40, 80mm Square

Other Shapes / Aluminum Extrusions with Parallel Surfacing



Fixing Parts			Others
Brackets	Joints	Nut	Extrusion End Caps
P641 ~ P658	P659 ~ P664	P667 ~ P676	P755 ~ P768

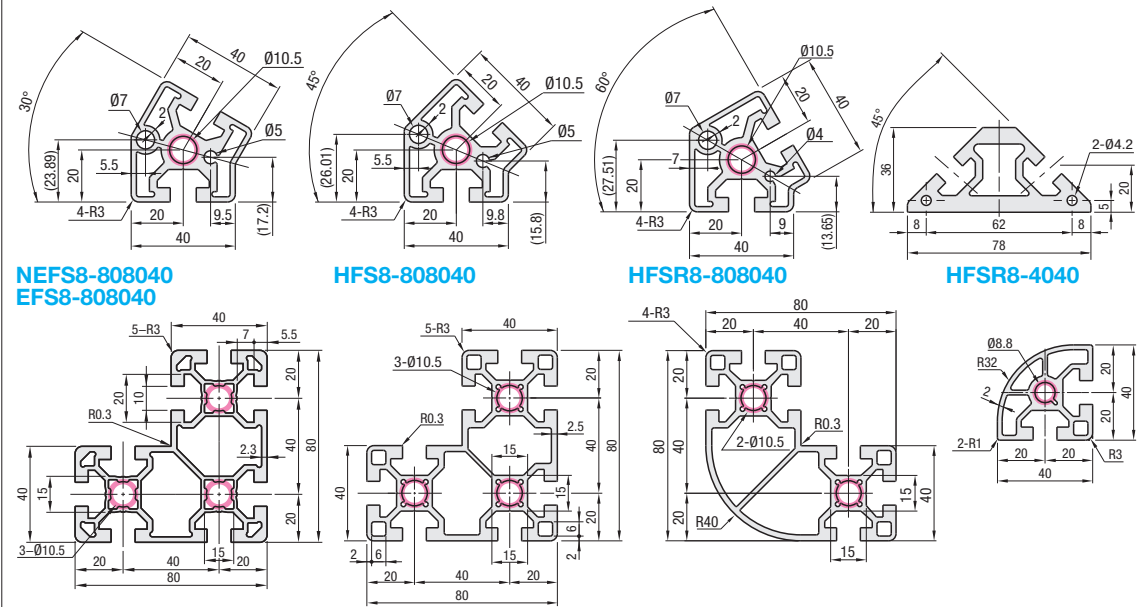
■Features: Can be used when making angles or making outer surface in radius.



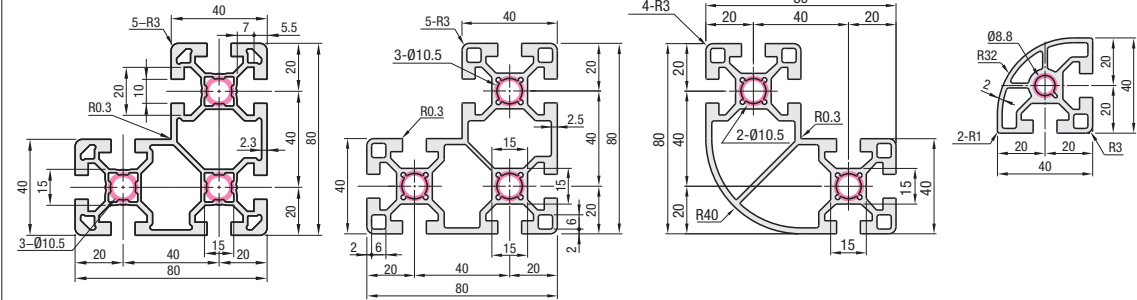
Type		Material	Surface Treatment
Configurable Length	Fixed Length		
NEFS8	KNEFS8	EN AW-6063-T5 Equiv.	
HFS8	KHFS8	EN AC-51400-T5 Equiv.	Clear Anodize
HFS8-8	KHFS8-8		
EFS8	KEFS8		
HFS8-A8	KHFS8-A8		
HFS45TR8	KHFS45TR8		

✂ Cut surface and altered parts are not surface treated.

HFS30A8-40 HFS45A8-40 HFS60A8-40 HFS45TR8-40



NEFS8-808040 EFS8-808040 HFS8-808040 HFSR8-808040 HFSR8-4040



■Configurable Length Extrusions

Part Number	L 0.5mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴		Unit Price (Less than 300mm) 1 ~ 9 pc(s).	Volume Discount Rate Less Than 300mm		Unit Price/m (300mm or More)	Volume Discount Rate 300mm or More	
				lx	ly		10~49	50~160		10~49	50~160
HFS30A8	40	1.88	694	9.89x10 ⁴	10.64x10 ⁴						
HFS45A8		1.83	676	9.87x10 ⁴	10.37x10 ⁴						
HFS60A8		1.84	679	9.99x10 ⁴	10.53x10 ⁴						
HFS45TR8		2.74	1012	12.23x10 ⁴	38.19x10 ⁴						
NEFS8	808040	4	1484	94.82x10 ⁴	94.82x10 ⁴						
EFS8		4.19	1550	94.2x10 ⁴	94.2x10 ⁴						
HFS8		3.61	1339	80.99x10 ⁴	80.99x10 ⁴						
HFSR8		1.53	564	7.79x10 ⁴	7.79x10 ⁴						

■Fixed Length Extrusions (Effective Length 4000mm P.526)

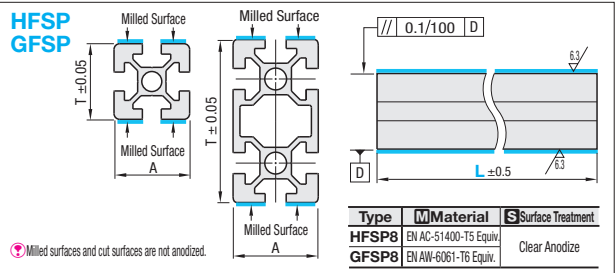
✂ Part numbers beginning with the character "K" indicate Fixed Length Extrusion.

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴		Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10~20
			lx	ly		
KHFS30A8	40	694	9.89x10 ⁴	10.64x10 ⁴		
KHFS45A8		676	9.87x10 ⁴	10.37x10 ⁴		
KHFS60A8		679	9.99x10 ⁴	10.53x10 ⁴		
KHFS45TR8		1012	12.23x10 ⁴	38.19x10 ⁴		
KNEFS8	808040	1484	94.82x10 ⁴	94.82x10 ⁴		
KEFS8		1550	94.2x10 ⁴	94.2x10 ⁴		
KHFS8		1339	80.99x10 ⁴	80.99x10 ⁴		
KHFSR8		564	7.79x10 ⁴	7.79x10 ⁴		

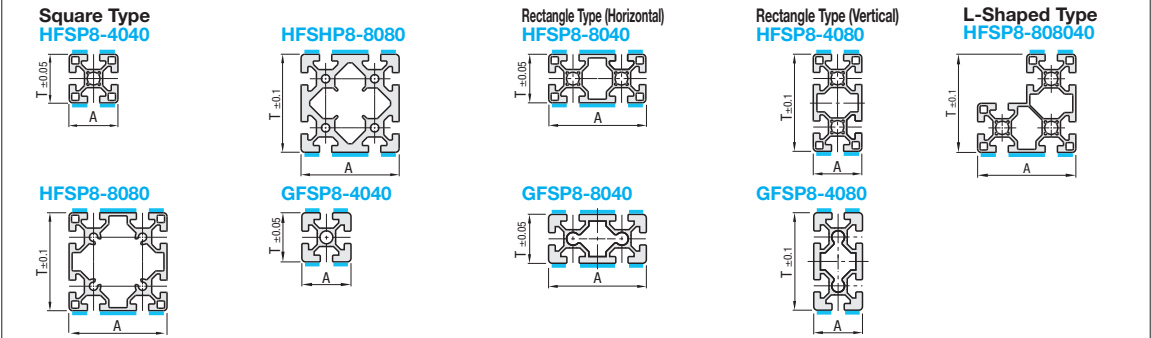
Ordering Example
Part Number - L
HFS30A8-40 - 800
KHFS30A8-40 - 4000

Alterations are available for Configurable Length Extrusions. For details of alterations, see P.755.

■Features: Milled on surfaces. Usable for Linear Guides, etc.



✂ For detailed dimensions and shapes EXCEPT the slots on the milled surface, A and T dimensions, please refer to the drawing of the product of the below Part Number without "P".
(Ex.) HFSP8-4040 - Ref. fig. HFS8-4040 on P.631)

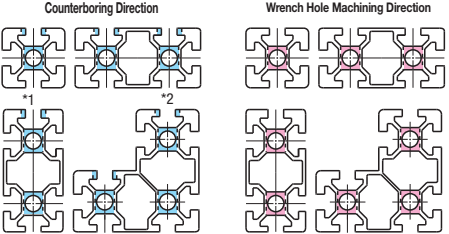


Part Number	L 0.5mm Increment	Extrusion Series	T	A	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Alteration Charge (Main Body +)		Tapping (Refer to P.757.)		
							Counterboring XA ~ XE (per Row)	Wrench Hole Drilling AV ~ EV (per Row)	Tap Shape	Left LTP	Right RTP
HFSP8	100~3000	HFS8	39	40			Z6 d6.5 d11		M12 Depth 36		
			39	80			-		M8 Depth 24		
			79	40			-		M12 Depth 36		
			79	80			-		M8 Depth 24		
HFSHP8	8080	HFS8	79	80			Z8 d9 d14		M12 Depth 36		
			79	80			-				
GFSP8	4040	GFS8	39	40							
			39	80							

Ordering Example
Part Number - L
HFSP8-4040 - 300

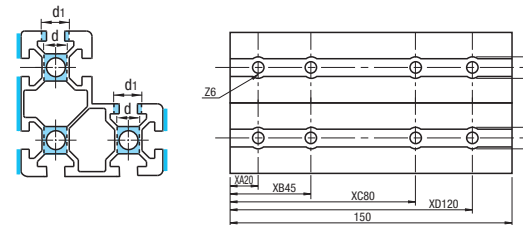
Alterations
Adds a hole at a specified position.
• Nuts for Extrusion
Use nuts aluminum extrusions
on P.667-676

Alterations	Counterboring						Wrench Hole				
	Z Selection			XA	XB	XC	XD	XE	D Selection	AV	BV
Spec.	Z	d	d1	Distance from the Left End Plane mm			D	Distance from the Left End Plane mm			EV
Specifications of Hole Size and Position	6	6.5	11	7~(L-7)			8	7~(L-7)			

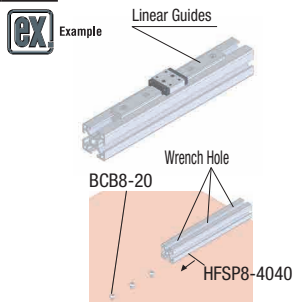


*1 When the cross section is rectangle (vertical), counterboring is not available for extrusions exceeding 60mm in the longitudinal direction.
*2 When the cross section is L-shaped, counterboring is not available for extrusions exceeding 60mm in longitudinal direction, except for the lower portion.

Ordering Example
HFSP8 - 808040 - 150 - Z6 - XA20 - XB45 - XC80 - XD120
HFSP8 - 4040 - 2000 - D8 - AV100 - BV120 - CV1000 - DV1880 - EV1900



✂ When the cross section is L-shaped, select distance from left end with lower section in the back.



Installed button screws temporarily in reference plane, then slide the frame to fixing position, passing screw heads through frame slot.
Put wrench in the wrench hole and tighten the screw.