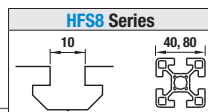
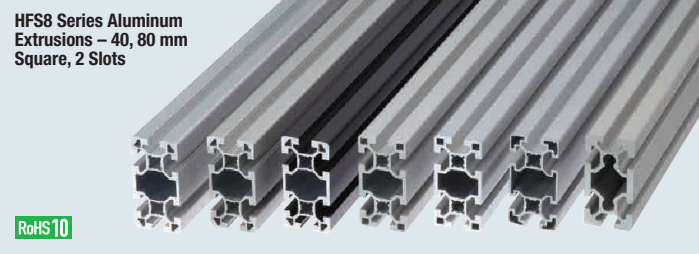


Aluminum Extrusions (HFS8 Series)

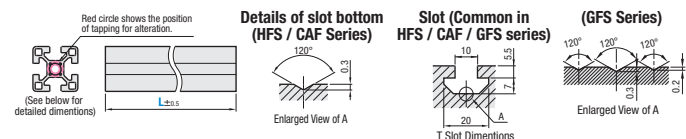
40, 80 mm Square, 2 Slots



Features: Extrusions shaped with [1 x 2 slots]. Effective where forces apply.



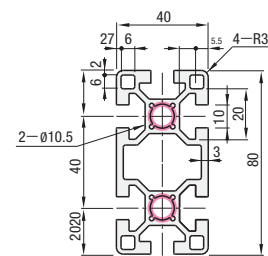
Type		Material	Surface Treatment
Configurable Length	Fixed Length		
GFS8	KGFS8	A6061SS-T6 Equivalent	Clear Anodize
HFS8 HFSL8	KHFS8 KHFSL8	A6N01SS-T5	
HFSB8 HFSLB8	KHFSB8 KHFSLB8		Black Anodize
CAF8	KCAF8		Clear Coating (Clear Anodize + Clear Painting)



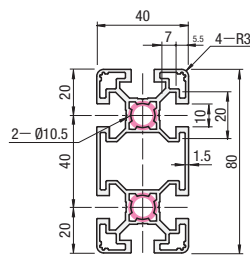
ⓘ Cut surface and altered parts are not surface treated.

Features of Extrusions		
Cross Section Shape	HFS Extrusions	Standard cross section shape.
	HFSL Extrusions	Although having thin walls lowers the allowable load, excels in cost savings offered.
	GFS Extrusions	Suitable for heavier devices due to the thick walls.
Surface Treatment	Clear Anodize	Common surface treatment.
	Black Anodize	Effective in where light reflection is not desirable.
	Clear Coating	More luster and better appearance than anodizing.

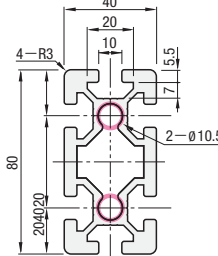
HFS8-4080
HFSB8-4080 Black Anodize
CAF8-4080 Clear Coating



HFSL8-4080 Light Type
HFSLB8-4080 Light Type - Black Anodize



GFS8-4080 High Rigidity



Configurable Length Extrusions

Part Number	L 0.5 mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
				Ex	Ey
HFS8	4040	3.0	1109	19.8 × 10 ⁴	71.9 × 10 ⁴
HFSB8 Black Anodize					
CAF8 Clear Coating					
HFSL8 Light Type					
HFSLB8 Light Type / Black Anodize					
GFS8 High Rigidity	2.12	785	13.4 × 10 ⁴	52.9 × 10 ⁴	
	3.62	1340	25.21 × 10 ⁴	90.87 × 10 ⁴	

Fixed Length Extrusion (1,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			Ex	Ey
KHFS8	4080	1109	19.8 × 10 ⁴	71.9 × 10 ⁴

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

Fixed Length Extrusion (Effective Length 4,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			Ex	Ey
KHFS8	4040 4000 (Effective Length)	1109	19.8 × 10 ⁴	71.9 × 10 ⁴
KCAF8 Clear Coating				
KHFSB8 Baked-on Finish				
KHFSL8 Light Type				
KHFSLB8 Light Type / Black Anodize				
KGFS8 High Rigidity	785	13.4 × 10 ⁴	52.9 × 10 ⁴	
	1340	25.21 × 10 ⁴	90.87 × 10 ⁴	

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

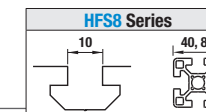
ⓘ "Effective Length 4,000 mm" represents the extrusion with 4,000 mm or more effective length. The actual length with extra lengths on ends is more than 4,000 mm (several tens of mm). Fixed Length Extrusions need to be cut by users thus the exact length cannot be specified.

Part Number Example

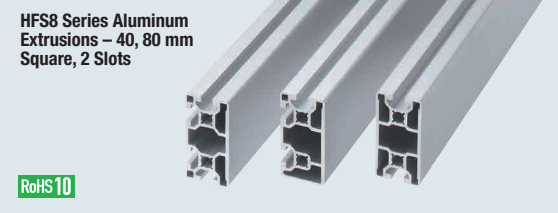
Part Number	-	L
HFS8-4080	-	800
KHFS8-4080	-	1000
KHFS8-4080	-	4000

Aluminum Extrusions (HFS8 Series)

40, 80 mm Square, 2 Slots

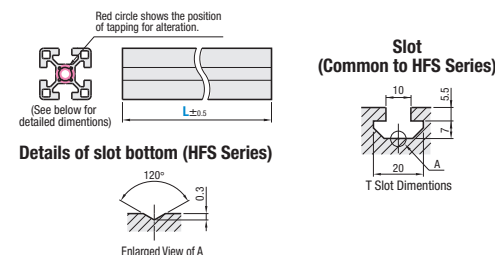


Fixing Parts		Others		
Brackets	Nuts	Joints	Extrusion End Caps	Alteration
P.2777-2795	P.2796-2803	P.2844-2857	P.2839-2840	P.2862-2863



Type		Material	Surface Treatment
Configurable Length	Fixed Length		
HFS_8	KHFS_8	A6N01SS-T5 Aluminum Alloy or 6005A-T5 Aluminum Alloy	Clear Anodize

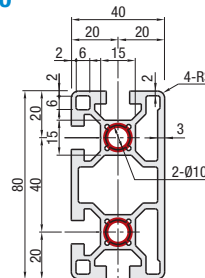
ⓘ Cut surface and altered parts are not surface treated.



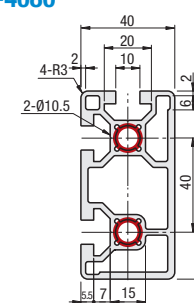
Features of Extrusions

Cross Section Shape	HFS Extrusions	Standard cross section shape.
Surface Treatment	Clear Anodize	Common surface treatment.

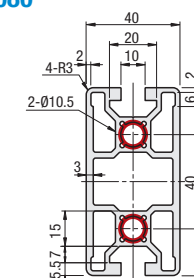
HFSF8-4080



HFST8-4080



HFSH8-4080



Configurable Length Extrusions

Part Number	L 0.5 mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
				Ex	Ey
HFSF8	4080	2.98	1104	20.3 × 10 ⁴	70.5 × 10 ⁴
HFST8		3.10	1149	21.18 × 10 ⁴	77.16 × 10 ⁴
HFSH8		3.01	1113	20.67 × 10 ⁴	70.16 × 10 ⁴

Fixed Length Extrusion (Effective Length 4,000 mm)

ⓘ 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	
			Ex	Ey
KHFSF8	4080	1104	20.3 × 10 ⁴	70.5 × 10 ⁴
KHFST8		1149	21.18 × 10 ⁴	77.16 × 10 ⁴
KHFSH8		1113	20.67 × 10 ⁴	70.16 × 10 ⁴

Part Number Example

Part Number	-	L
HFSF8-4080	-	800
KHFSF8-4080	-	4000