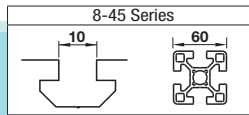


Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

# 8-45 Series Aluminum Extrusions 60 mm Square



Fixing Parts			Others	
Brackets	Joints	Nuts	Extrusion End Caps	Alterations
P.717	P.731	P.739	P.749	P.781
P.730	P.736	P.748	P.794	

For non-catalog standard products, see P.131.

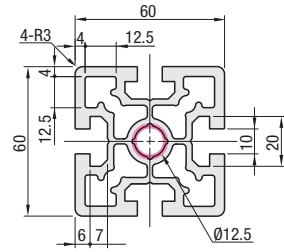
Features: Extrusions for equipment bases, etc.



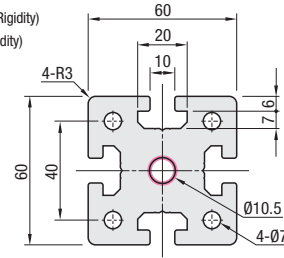
Type		Material	Surface Treatment
Configurable Length	Fixed Length		
GNFS8	KGFS8	A6063S-T6 Equivalent	Clear Anodize
GFS8	KGFS8	A6061SS-T6 Equivalent	
NFS8	KNFS8	A6063S-T5	
HFS8 HFS□8	KHFS8 KHFS□8	A6N01SS-T5	

Cut surface and altered parts are not surface treated.

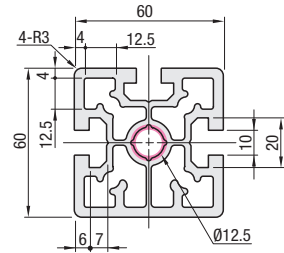
NFS8-6060  
HFS8-6060



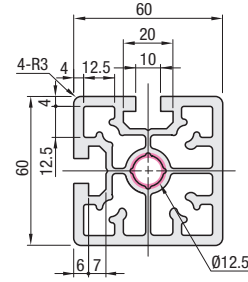
GNFS8-6060 (High Rigidity)  
GFS8-6060 (High Rigidity)



HFSF8-6060



HFST8-6060



## Configurable Length Extrusions

Part Number	L 0.5mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>		Unit Price (Less than 300mm)	Volume Discount Rate Less Than 300mm		Unit Price/m (300mm or More)	Volume Discount Rate 300mm or More	
				ℓ <sub>x</sub>	ℓ <sub>y</sub>		1-9 pc(s).	10-49		50-160	1-9 pc(s).
NFS8	6060	50-4000	4.17	1478	56.44x10 <sup>4</sup>	56.44x10 <sup>4</sup>					
HFS8											
GNFS8 (High Rigidity)											
GFS8 (High Rigidity)											
HFSF8											
HFST8											

## Fixed Length Extrusions (Effective Length 4000mm) P.552

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

Part Number	L mm	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>		Unit Price 1-9 pc(s).	Volume Discount Rate 10-20
			ℓ <sub>x</sub>	ℓ <sub>y</sub>		
KNFS8	6060 (Effective Length)	4000	1478	56.44x10 <sup>4</sup>	56.44x10 <sup>4</sup>	
KHFS8						
KGFS8 (High Rigidity)						
KGFS8 (High Rigidity)						
KHFSF8						
KHFST8						

Ordering Example: Part Number - L  
HFS8-6060 - 800

When L<300, the unit prices indicated in the table apply regardless of the length.  
When L≥300mm, total prices are calculated as follows:  
Unit Price/m x Specified O.A.L. = Sales Price

Alterations are available for Configurable Length Type Aluminum Extrusions. For details of alterations, see P.781.

## Load Capacity Guideline

Extrusion	Height x Width (mm)	NFS, HFS Series		GNFS, GFS Series		Difference of Allowable Load from HFS Series
		Allowable Load (N)	Allowable Load (kgf)	Allowable Load (N)	Allowable Load (kgf)	
60 sq. x 60 sq.	60x60	1,743	177	2,682	273	1.54 times

The value indicates the concentrated load of the extrusion on the center measured when the 1000mm long extrusion is supported at both ends.

## Mechanical Characteristics (Reference Actual Measurement)

Series	NFS Series	HFS Series	GNFS Series	GFS Series
Material (JIS Symbol)	A6063S-T5	A6N01SS-T5	A6061SS-T6 Equivalent	A6061SS-T6 Equivalent
Tensile Strength (N/mm <sup>2</sup> )	155 or more	245 or more	205 or more	205 or more (Actual Measurement 278)
Proof Stress (N/mm <sup>2</sup> )	110 or more	205 or more	170 or More	245 or more (Actual Measurement 247)
Longitudinal Elastic Modulus (N/mm <sup>2</sup> )	69,972	69,972	69,972	69,972
Brinell Hardness (HB)	88	88	88	88
Surface Treatment	Anodize 9µm or more			