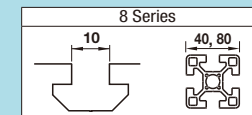


# HFS8 Series Aluminum Extrusions 40, 80mm Square

2 or More Slots

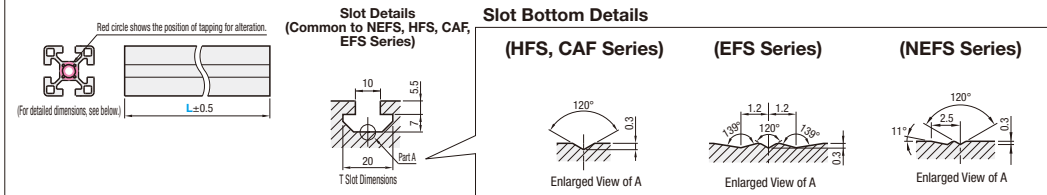


Fixing Parts			Others	
Brackets	Nut	Joints	Extrusion End Cap	Alterations
P597 ~ P612	P615 ~ P622	P661 ~ P674	P623	P679 ~ P692

**Feature:** Effective for operations under high-loading environment.

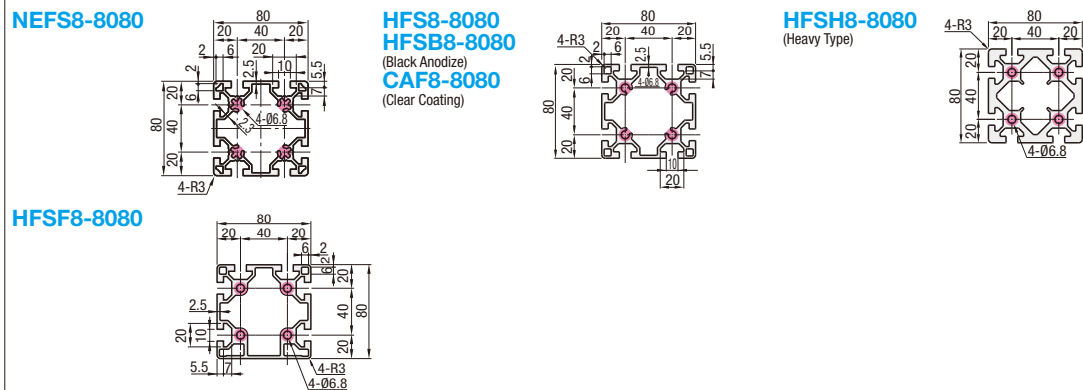
Type	Type		Material	Surface Treatment
	Configurable Length	Fixed Length		
NEFS8	KNEFS8	6063-T5 Aluminum Alloy	A6N01SS-T5 Aluminum Alloy	Clear Anodize
	KEFS8	A6N01SS-T5 Aluminum Alloy		
	KEFS 8			
HFS8	A6N01SS-T5 Aluminum Alloy			Black Anodize
HFS 8				
KHFS8				
HFSB8	KEFSB8		A6N01SS-T5 Aluminum Alloy	Clear Coating
CAF8	KCAF8	Clear Coating (Anodize + Clear Coating)		

☑ Cut surface and altered parts are not surface treated.



### Feature of Extrusions

Extrusion Type	Material	Notes
NEFS Series	6063-T5 Aluminum Alloy	Material change of existing series to 6063-T5 Aluminum Alloy led to significant price reduction. The Cross Sectional Moment of Inertia of this series are the same as those of EFS Series. Stress and tensile strength decrease due to material change (Details see P494). The color of anodized extrusions may vary slightly.
HFS Series	A6N01SS-T5 Aluminum Alloy	Standard cross section shape.
EFS Series	A6N01SS-T5 Aluminum Alloy	Have rigidity equivalent to HFS Series yet lighter and more economical.
CAF Series	A6N01SS-T5 Aluminum Alloy	Clear paint over anodized HFS Series extrusions. More luster and better appearance than ordinary anodizing.



### 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) 1-9 pc(s).	Volume Discount Rate Less Than 300mm		Unit Price/m (300mm or More) 1-9 pc(s).	Volume Discount Rate 300mm or More	
				lx	ly		10-49	50-		10-49	50-
NEFS8	8080	4.45	1649	130.0x10 <sup>4</sup>	130.0x10 <sup>4</sup>	1-9 pc(s).	10-49	50-	1-9 pc(s).	10-49	50-
HFS8											
HFSB8 (Black Anodize)											
CAF8 (Clear Coating)											
HFSH8 (Heavy Type)											
HFSF8											
HFS8	50-4000	5.54	1691	129.1x10 <sup>4</sup>	129.1x10 <sup>4</sup>	1-9 pc(s).	10-49	50-	1-9 pc(s).	10-49	50-
HFSB8 (Black Anodize)											
HFSH8 (Heavy Type)											
HFSF8	80160	10.51	1726	183x10 <sup>4</sup>	183x10 <sup>4</sup>	1-9 pc(s).	10-49	50-	1-9 pc(s).	10-49	50-
HFSB8 (Black Anodize)											
HFSH8 (Heavy Type)											

### Fixed Length Extrusions (Effective Length 4000mm P.710)

☑ Part numbers beginning with the character "K" indicate Fixed Length 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 10-19						
			lx	ly								
KNEFS8	8080	1649	130.0x10 <sup>4</sup>	130.0x10 <sup>4</sup>	1-9 pc(s).	10-19						
KEFS8												
KEFSB8 (Black Anodize)												
KHFS8												
KHFSB8 (Black Anodize)												
KCAF8 (Clear Coating)												
KHFSH8 (Heavy Type)												
KEFSF8												
KHFSF8												
KEFS8							4000	1691	129.1x10 <sup>4</sup>	129.1x10 <sup>4</sup>	1-9 pc(s).	10-19
KEFSB8 (Black Anodize)												
KHFS8												
KHFSB8 (Black Anodize)												
KHFSH8 (Heavy Type)												
KEFSF8												
KEFS8	80160	1726	183x10 <sup>4</sup>	183x10 <sup>4</sup>	1-9 pc(s).	10-19						
KEFSB8 (Black Anodize)												
KHFS8												
KHFSB8 (Black Anodize)												
KHFSH8 (Heavy Type)												
KEFSF8												

Ordering Example: Part Number - L  
HFS8-8080 - 800  
KHFS8-8080 - 4000

Days to Ship [Configure Online](#)

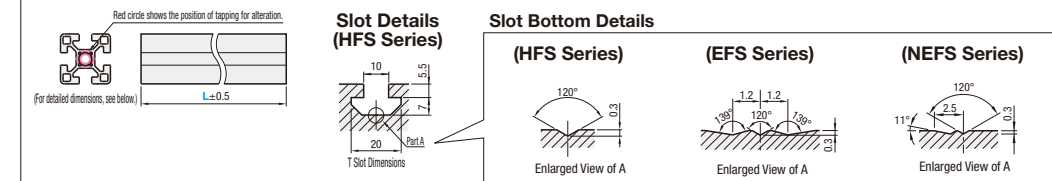
Alterations are available for Configurable Length Extrusions. For details, see P679.

Price [Configure Online](#)

**Feature:** Effective for operations under high-loading environment.

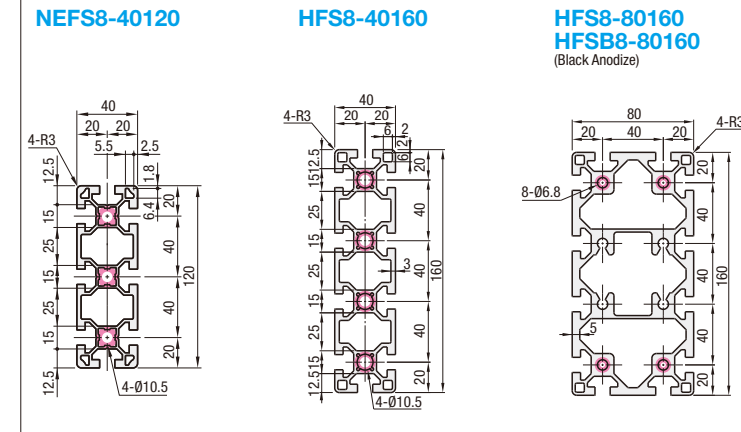
Type	Type		Material	Surface Treatment
	Configurable Length	Fixed Length		
NEFS8	KNEFS8	6063-T5 Aluminum Alloy	A6N01SS-T5 Aluminum Alloy	Clear Anodize
	HFS8	A6N01SS-T5 Aluminum Alloy		
	KEFS8			
HFSB8	A6N01SS-T5 Aluminum Alloy			Black Anodize
KHFS8				
KEFSB8				

☑ Cut surface and altered parts are not surface treated.



### Feature of Extrusions

Extrusion Type	Material	Notes
NEFS Series	6063-T5 Aluminum Alloy	Material change of existing series to 6063-T5 Aluminum Alloy led to significant price reduction. The Cross Sectional Moment of Inertia of this series are the same as those of EFS Series. Stress and tensile strength decrease due to material change (Details see P494). The color of anodized extrusions may vary slightly.
HFS Series	A6N01SS-T5 Aluminum Alloy	Standard cross section shape.
EFS Series	A6N01SS-T5 Aluminum Alloy	Have rigidity equivalent to HFS Series yet lighter and more economical.



### 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) 1-9 pc(s).	Volume Discount Rate Less Than 300mm		Unit Price/m (300mm or More) 1-9 pc(s).	Volume Discount Rate 300mm or More	
				lx	ly		10-49	50-		10-49	50-
NEFS8	50-4000	3.98	1474	29.0x10 <sup>4</sup>	223.5x10 <sup>4</sup>	1-9 pc(s).	10-49	50-	1-9 pc(s).	10-49	50-
HFS8											
HFS8											
HFSB8 (Black Anodize)											
HFS8											
HFSB8 (Black Anodize)											

### Fixed Length Extrusions (Effective Length 4000mm P.710)

☑ Part numbers beginning with the character "K" indicate Fixed Length 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 10-19						
			lx	ly								
KNEFS8	4000	1649	130.0x10 <sup>4</sup>	130.0x10 <sup>4</sup>	1-9 pc(s).	10-19						
KEFS8												
KEFSB8 (Black Anodize)												
KHFS8												
KHFSB8 (Black Anodize)												
KCAF8 (Clear Coating)												
KHFSH8 (Heavy Type)												
KEFSF8												
KHFSF8												
KEFS8							80160	1726	183x10 <sup>4</sup>	183x10 <sup>4</sup>	1-9 pc(s).	10-19
KEFSB8 (Black Anodize)												
KHFS8												
KHFSB8 (Black Anodize)												
KHFSH8 (Heavy Type)												
KEFSF8												

Ordering Example: Part Number - L  
HFS8-80160 - 800  
KEFS8-40120 - 4000

Days to Ship [Configure Online](#)

Alterations are available for Configurable Length Extrusions. For details, see P679.

Price [Configure Online](#)