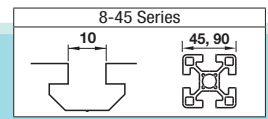


Note that, for some of the types shown here, order might be unable to be received by the MISUMI Thailand, Malaysia, Indonesia, and/or India offices.

8-45 Series Aluminum Extrusions 45, 90mm Square

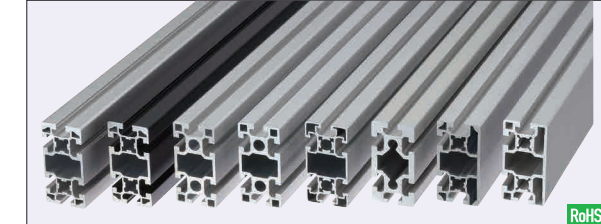
2 Slots



Fixing Parts			Others	
Brackets	Joints	Nut	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 with [1x2 slots]. Effective where forces apply.



Type		Material	Surface Treatment
Configurable Length	Fixed Length		
GNFS8	KGFS8	A6063S-T6 Equivalent	Clear Anodize
GFS8	KGFS8	A6061SS-T6 Equivalent	
NEFS8	KNEFS8	A6063S-T5	
NFSL8	KNFSL8		
EFS8	KEFS8	A6N01SS-T5	Black Anodize
HFS8	KHFS8		
EFSF8	KEFSF8		Clear Coating (Anodize + Clear Paint)
HFSF8	KHFSF8		
EFSB8	KEFSB8		
HFSB8	KHFSB8		
CAF8	KCAF8		

Cut surface and altered parts are not surface treated.

NEFS8-4590
EFS8-4590
EFSB8-4590
(Black Anodize)

HFS8-4590
HFSB8-4590
(Black Anodize)
CAF8-4590
(Clear Coating)

NFSL8-4590
HFSL8-4590
(Light Type)
Use HSCA8 as a slot cover for HFSL8-4590 and NFSL8-4590 (P.799).

GNFS8-4590
(High Rigidity)
GFS8-4590
(High Rigidity)

EFSF8-4590

HFSF8-4590

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) 1 ~ 9 pc(s)	Volume Discount Rate 300mm or More	
				lx	ly		10-49	50-160		10-49	50-160
NEFS8	4590 For some product types, up to 6,000mm length is available. For details, refer to "Information about Non-FA Catalog Standard Products" (P.131) and contact the relevant person in charge in MISUMI. Some extrusions are not applicable.	3.75	1390	32.67x10 ⁴	125.3x10 ⁴						
EFS8											
EFSB8 (Black Anodize)											
HFS8			4.14	1534	32.29x10 ⁴	124.7x10 ⁴					
HFSB8 (Black Anodize)											
CAF8 (Clear Coating)											
NFSL8			2.98	1101	22.87x10 ⁴	87.16x10 ⁴					
HFSL8 (Light Type)											
GNFS8 (High Rigidity)			5.22	1935	42.99x10 ⁴	163.4x10 ⁴					
GFS8 (High Rigidity)			3.60	1335	32.14x10 ⁴	117.9x10 ⁴					
EFSF8		3.80	1408	30.92x10 ⁴	116.8x10 ⁴						
HFSF8											

Fixed Length Extrusion (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 ²	Cross Sectional Moment of Inertia mm ⁴		Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10-20	
			lx	ly			
KNEFS8	4590 (Effective Length)	4000	1390	32.67x10 ⁴	125.3x10 ⁴		
KEFS8							
KEFSB8 (Black Anodize)			1534	32.29x10 ⁴	124.7x10 ⁴		
KHFS8							
KHFSB8 (Black Anodize)			1101	22.87x10 ⁴	87.16x10 ⁴		
KCAF8							
KNFSL8			1935	42.99x10 ⁴	163.4x10 ⁴		
KHFSL8 (Light Type)							
KGFS8 (High Rigidity)			1335	32.14x10 ⁴	117.9x10 ⁴		
KGFS8 (High Rigidity)							
KEFSF8	1408	30.92x10 ⁴	116.8x10 ⁴				
KHFSF8							

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

Ordering Example: Part Number - L
HFS8-4590 - 800
KHFS8-4590 - 4000

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