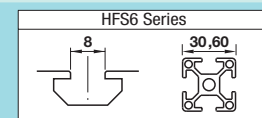




HFS6 Series Aluminum Frames 30, 60 mm Square

-1 Slot-

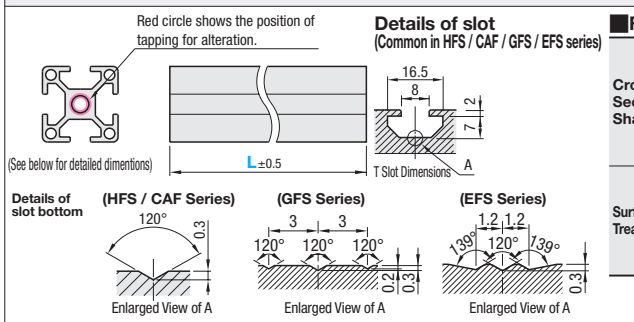
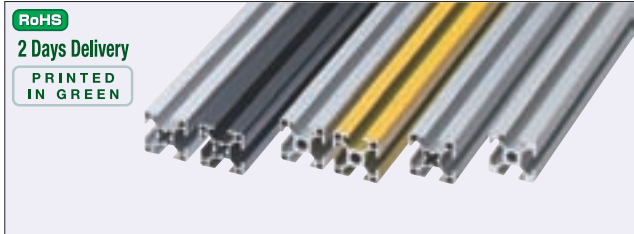
Price Reduction
Up to 15%
:Reduced Price



Fixing Parts			Others	
Brackets	Nuts	Joints	Extrusion End Caps	Alteration
P523 ~ P540	P543 ~ P550	P627 ~ P640	P551	P645 ~ P658

CAD Data Folder Name: 40_Aluminum_Frames

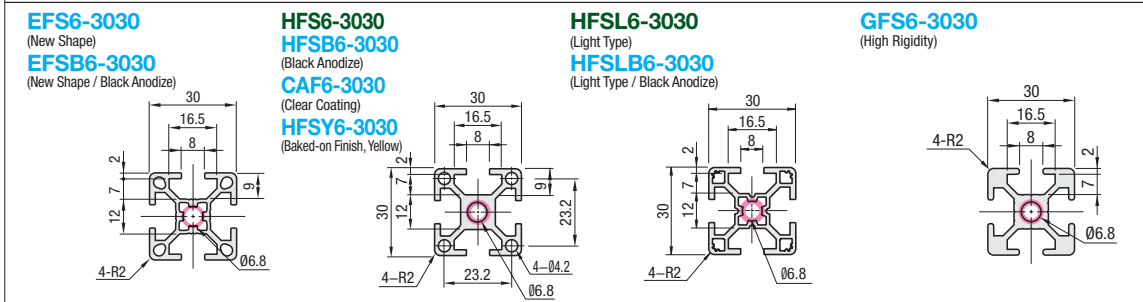
Features: Standard extrusions for various use such as covers or frames.



Type	Material	Surface Treatment
Configurable Length		
GFS6	KGFS6	A6061SS-T6 Equivalent
EFS6	KEFS6	Clear Anodize
HFS6	KHFS6	
HFSL6	KHFSL6	
EFSB6	KEFSB6	
HFSB6	KHFSB6	Black Anodize
HFSLB6	KHFSLB6	
CAF6	-	Clear Coating (Clear Anodize + Clear Painting)
HFSY6	-	Baked-on Finish (Yellow)

Features of Extrusions

Cross Section Shape	Surface Treatment	Description
EFS Extrusions		New shape with the same or higher rigidity as conventional HFS series. Weight saving and price reduction realized. Migration from HFS Series extrusions realizes cost savings.
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.
Clear Anodize		Common surface treatment.
Black Anodize		Effective in where light reflection is not desirable.
Clear Coating		More luster and better appearance than anodizing.
Baked-on Finish / Yellow		Can be used on doors or hazardous areas as a warning color. The color is D22 -80V (Munsell Value Reference 2.5YR6/14) by Japan Paint Manufacturers Association.



Configurable Length Extrusions

Part Number	L 0.5mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴		Less than 300mm			300mm or more			
				I _x	I _y	1-9 pcs.	10-49	50~	1-9 pcs.	10-49	50~	
						1-9 pcs.	10-49	50~	1-9 pcs.	10-49	50~	
EFS6 (New Shape)	3030	50-4000	0.80	296	2.85x10 ⁴	2.85x10 ⁴	164	156	148	364	346	328
EFSB6 (New Shape / Black Anodize)							132	126	119	465	437	415
HFS6							71	68	236	225		
HFSB6 (Black Anodize)							137	130	123	469	442	419
CAF6 (Clear Coating)							192	182	172	469	442	419
HFSY6 (Baked-on Finish, Yellow)							260	247	234	592	560	533
HFSL6 (Light Type)							63	60	208	198		
HFSL6 (Light Type / Black Anodize)							137	130	123	460	433	410
HFS6 (High Rigidity)							196	186	177	492	465	442

Fixed Length Extrusion (1000mm)

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 1-19 pcs.	Volume Discount Rate 20~
KHFS6	3030	333	2.83x10 ⁴	2.83x10 ⁴	236	225

Fixed Length Extrusions (Effective Length 4000mm)

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 pcs.	Volume Discount Rate 10-19
KEFS6 (New Shape)	3030	4000	296	2.85x10 ⁴	2.85x10 ⁴	1,311
KEFSB6 (New Shape / Black Anodize)						1,670
KHFS6						1,054
KHFSB6 (Black Anodize)						1,689
KHFSL6 (Light Type)						1,018
KHFSLB6 (Light Type / Black Anodize)						1,657
KGFS6 (High Rigidity)						1,766

Order Example
Part Number - L
HFS6-3030 - 800
KHFS6-3030 - 4000

Delivery
Configurable Length Extrusions
2 Days
5 Days

Fixed Length Extrusion (KHFS6-3030-1000)
2 Days 5 Days P:87

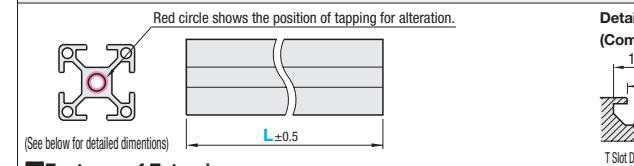
Fixed Length Extrusions (Effective Length 4000mm)
2 Days 6 Days
For orders larger than indicated quantity, please request a quotation (KHFS6-3030-4000)

Aluminum Frames with 4000mm or more
Applicable to 6000mm depending on products. Refer to Information of Special Orders (P97), and contact the person in charge of Special Orders at MISUMI OCT Center. Some extrusions are not applicable.

Price
When L is less than 300
Unit prices are indicated in the table regardless of the length.
ex: HFS6-3030-180=106 Baht
When L is 300 or more
Prices are calculated as follows:
Unit Price x Specified Full Length = Price
ex: HFS6-3030-800
236x0.8m=189 Baht
(Round up to the Baht.)

Alterations
Alterations are available for Configurable Length Extrusions. For details, refer to P:645

Features: 1 slotted Aluminum Frames 30mm Square with Flat Sides

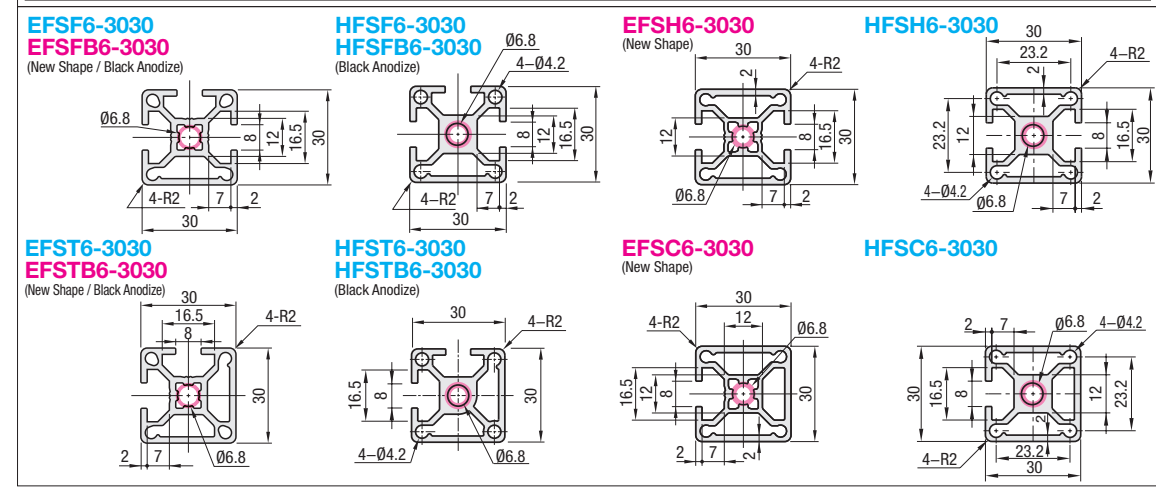


Type	Material	Surface Treatment
Configurable Length		
EFS_6	KEFS_6	Clear Anodize
HFS_6	KHFS_6	
HFS_B6	KHFSB_6	Black Anodize

Cut surface and altered parts are not surface treated.

Features of Extrusions

Cross Section Shape	Surface Treatment	Description
EFS Extrusions		New shape with the same or higher rigidity as conventional HFS series. Weight saving and price reduction realized. Migration from HFS Series extrusions realizes cost savings.
HFS Extrusions		Standard Cross Section Shape.
Clear Anodize		Common surface treatment.
Black Anodize		Effective in where light reflection is not desirable.



Configurable Length Extrusions

Part Number	L 0.5mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴		Less than 300mm			300mm or more							
				I _x	I _y	1-9 pcs.	10-49	50~	1-9 pcs.	10-49	50~					
						1-9 pcs.	10-49	50~	1-9 pcs.	10-49	50~					
EFSF6 (New Shape)	3030	50-4000	0.86	320	3.06x10 ⁴	2.8x10 ⁴	160	152	144	383	360	342				
EFSFB6 (New Shape / Black Anodize)							160	152	144	565	533	506				
HFSF6							111	106	100	369	351	333				
HFSFB6 (Black Anodize)							169	160	152	574	542	515				
EFST6 (New Shape)							160	152	144	364	346	328				
EFSTB6 (New Shape / Black Anodize)							160	152	144	546	519	492				
HFST6							105	100	95	349	332	315				
HFSTB6 (Black Anodize)							164	156	148	560	528	501				
EFSH6 (New Shape)							0.85	314	2.75x10 ⁴	3.29x10 ⁴	169	160	152	428	405	383
HFSH6							0.93	345	2.69x10 ⁴	3.23x10 ⁴	169	160	152	437	415	392
EFSC6 (New Shape)	0.89	331	3.05x10 ⁴	3.29x10 ⁴	169	160	152	442	419	396						
HFSC6	0.97	361	2.99x10 ⁴	3.24x10 ⁴	169	160	152	451	428	405						

Fixed Length Extrusions (Effective Length 4000mm)

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 pcs.	Volume Discount Rate 10-19
KEFSF6 (New Shape)	3030	4000	320	3.06x10 ⁴	2.8x10 ⁴	1,393
KEFSFB6 (New Shape / Black Anodize)						2,030
KHFSF6						1,429
KHFSFB6 (Black Anodize)						2,066
KEFST6 (New Shape)						1,315
KEFSTB6 (New Shape / Black Anodize)						1,966
KHFST6						1,347
KHFSTB6 (Black Anodize)						1,966
KEFSH6 (New Shape)						2,016
KHFSTH6 (New Shape)						1,347
KHFSH6	2,016					
KHFSL6 (Light Type)	1,315					
KHFSLB6 (Light Type / Black Anodize)	1,966					
KGFS6 (High Rigidity)	1,766					

Order Example
Part Number - L
EFSF6-3030 - 800
KHFSF6-3030 - 4000

Delivery
Configurable Length Extrusions
5 Days

Fixed Length Extrusions (Effective Length 4000mm)
6 Days
For orders larger than indicated quantity, please request a quotation (KHFSF6-3030-4000)

Aluminum Frames with 4000mm or more
Applicable to 6000mm depending on products. Refer to Information of Special Orders (P97), and contact the person in charge of Special Orders at MISUMI OCT Center. Some extrusions are not applicable.

Price
When L is less than 300
Unit prices are indicated in the table regardless of the length.
ex: HFSF6-3030-180=169 Baht
When L is 300 or more
Prices are calculated as follows:
Unit Price x Specified Full Length = Price
ex: HFSF6-3030-800
396x0.8m=317 Baht
(Round up to the Baht.)

Alterations
Alterations are available for Configurable Length Extrusions. For details, refer to P:645