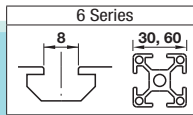


Note that, for some of the types shown here, order might be unable to be received by the MISUMI Thailand, Malaysia, Indonesia, and/or India offices.

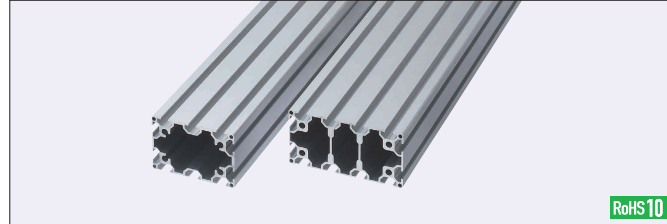
# 6 Series Aluminum Extrusions 30, 60 mm Square

3 or More Slots



Fixing Parts			Others	
Brackets	Joints	Nut	Extrusion End Caps	Alterations
P.583	P.617	P.601	P.627	P.755
P.600	P.626	P.614		P.768

Features: Extrusions with [1x3 slots] and [2x4 slots]. Effective where forces apply.



Type		Material	Surface Treatment
Configurable Length	Fixed Length		
NEFS6	KNEFS6	A6063S-T5	Clear Anodize
HFS6	KHFS6	A6N01SS-T5	
Cut surface and altered parts are not surface treated.			

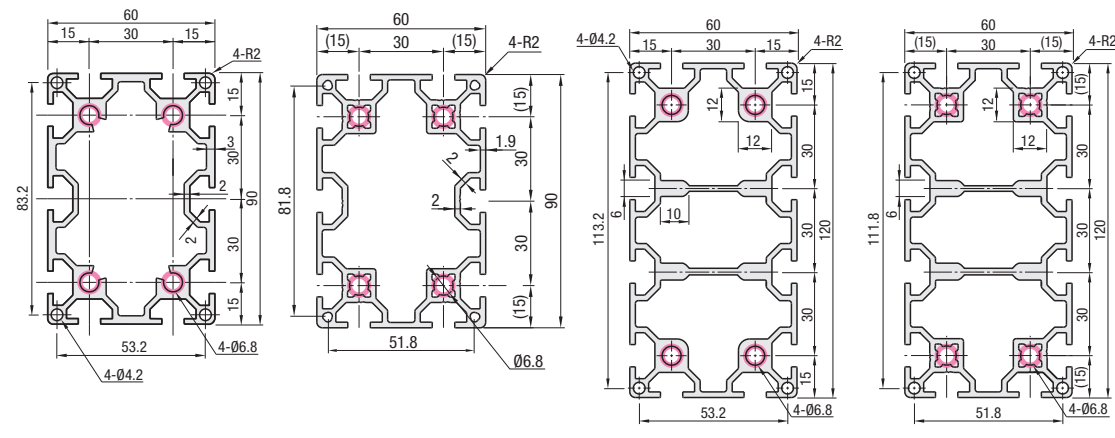
RoHS 10

HFS6-6090

NEFS6-6090

HFS6-60120

NEFS6-60120



## 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/m 300mm or more		
				$I_x$	$I_y$		10-49	50-160	10-49		50-160		
NEFS6	6090	3.10	1147	52.6x10 <sup>4</sup>	111.0x10 <sup>4</sup>								
	60120												
HFS6	6090	3.10	1147	52.6x10 <sup>4</sup>	111.0x10 <sup>4</sup>								
	60120												

## Fixed Length Extrusion (Effective Length 4000mm P.526)

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
			$I_x$	$I_y$		
KNEFS6	6090	1147	52.6x10 <sup>4</sup>	111.0x10 <sup>4</sup>		
	60120					
KHFS6	6090	1147	52.6x10 <sup>4</sup>	111.0x10 <sup>4</sup>		
	60120					

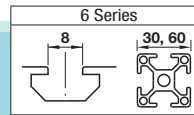
Ordering Example: Part Number - L  
HFS6-6090 - 800  
KHFS6-60120 - 4000

Alterations are available for Configurable Length Extrusions. For details of alterations, see P.755.

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.

# 6 Series Aluminum Extrusions 30, 60 mm Square

Other Shapes



Fixing Parts			Others	
Brackets	Joints	Nut	Extrusion End Caps	Alterations
P.583	P.661	P.617	P.627	P.755
P.600	P.614	P.626		P.768

Features: Can be used when making angles or making outer surface in radius.



Type		Material	Surface Treatment
Configurable Length	Fixed Length		
NEFS6	KNEFS6	A6063S-T5	Clear Anodize
NFSR6	KNFSR6		
EFS6	KEFS6		
HFS6	KHFS6	A6N01SS-T5	Clear Anodize
HFSR6	KHFSR6		
HFS A6	KHFS A6		
HFS45TR6	KHFS45TR6		

Cut surface and altered parts are not surface treated.

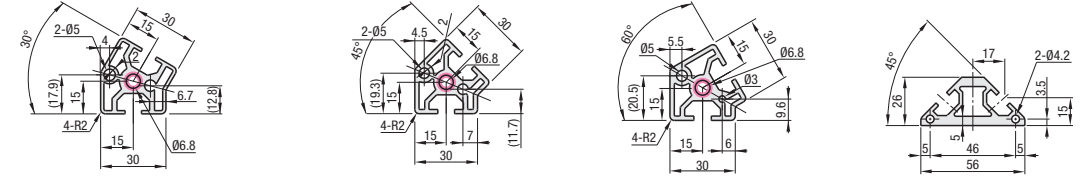
RoHS 10

HFS30A6-30

HFS45A6-30

HFS60A6-30

HFS45TR6-30

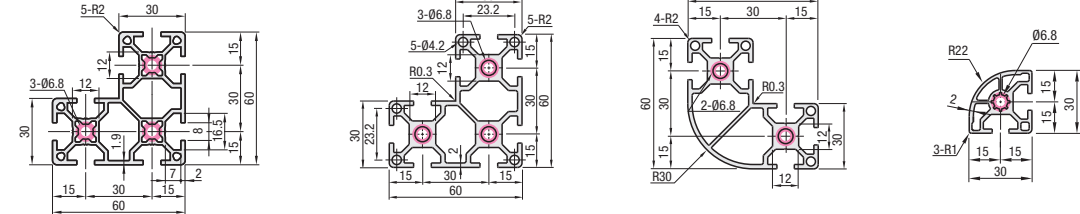


NEFS6-606030  
EFS6-606030

HFS6-606030

HFSR6-606030

NFSR6-3030  
HFSR6-3030



## 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/m 300mm or more		
				$I_x$	$I_y$		10-49	50-160	10-49		50-160		
HFS30A6	30	1.11	412	3.15x10 <sup>4</sup>	3.86x10 <sup>4</sup>								
HFS45A6		1.08	401	3.21x10 <sup>4</sup>	3.72x10 <sup>4</sup>								
HFS60A6		1.1	410	3.33x10 <sup>4</sup>	3.70x10 <sup>4</sup>								
NEFS6	606030	2.21	819	27.38x10 <sup>4</sup>	27.38x10 <sup>4</sup>								
EFS6		2.33	864	27.3x10 <sup>4</sup>	27.3x10 <sup>4</sup>								
HFSR6		1.97	732	27.75x10 <sup>4</sup>	27.75x10 <sup>4</sup>								
NFSR6	3030	0.82	306	2.42x10 <sup>4</sup>	2.42x10 <sup>4</sup>								
HFSR6		1.33	492	3.42x10 <sup>4</sup>	9.47x10 <sup>4</sup>								

## Fixed Length Extrusion (Effective Length 4000mm P.526)

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 10-20						
			$I_x$	$I_y$								
KHFS30A6	30	412	3.15x10 <sup>4</sup>	3.86x10 <sup>4</sup>								
							KHFS45A6	401	3.21x10 <sup>4</sup>	3.72x10 <sup>4</sup>		
								KHFS60A6	410	3.33x10 <sup>4</sup>	3.70x10 <sup>4</sup>	
KNEFS6	606030	819	27.38x10 <sup>4</sup>	27.38x10 <sup>4</sup>								
							KEFS6	864	27.3x10 <sup>4</sup>	27.3x10 <sup>4</sup>		
								KHFSR6	732	27.75x10 <sup>4</sup>	27.75x10 <sup>4</sup>	
KNFSR6	3030	306	2.42x10 <sup>4</sup>	2.42x10 <sup>4</sup>								
							KHFS45TR6	492	3.42x10 <sup>4</sup>	9.47x10 <sup>4</sup>		

Ordering Example: Part Number - L  
HFS30A6-30 - 800  
KHFS30A6-30 - 4000

Alterations are available for Configurable Length Extrusions. For details of alterations, see P.755.