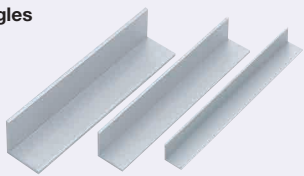


Aluminum Extrusions

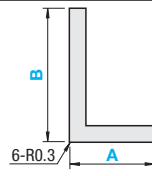
Angles / Channels / Flat Bars / Square Tubing

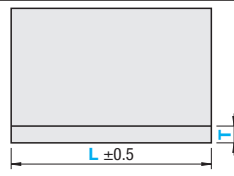
Angles



RoHS 10

HFHL





Material: A6063S-T5 Surface Treatment: Clear Anodize

Part Number Type	A B		T	L 1mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia		Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
							$I_x \times 10^4$	$I_y \times 10^4$		
HFHL (Angles)	15	30	2	50-2000	0.232	86	0.14	0.807		
	20	20	2		0.206	76	0.288	0.288		
	20	40	2		0.301	111	0.403	0.403		
	25	25	3		0.315	116	0.348	1.964		
	25	50	3		0.464	171	0.489	2.82		
	30	30	2		0.381	141	0.819	0.819		
			3		0.583	216	0.993	5.661		
			5		0.315	116	1.019	1.019		
	40	40	2		0.464	171	1.458	1.458		
			3		0.745	275	2.21	2.21		
			5		0.412	156	2.47	2.47		
	50	50	3		0.626	231	3.58	3.58		
			5		1.016	375	5.56	5.56		
			6		0.785	291	7.15	7.15		
	60	60	5		1.553	575	19.9	19.9		
75	75	6	2.333	864	46.88	46.88				
100	100	6	3.143	1164	114.3	114.3				
150	150	6	4.763	1764	397.5	397.5				

Ordering Example: **Part Number** - **T** - **L**
HFHL3030 - **3** - **800**

Alterations: **Part Number** - **T** - **L** - **N** - (XA, ...YA, ...)
HFHL2040 - **2** - **90** - **N8** - **XA42-XB62-YA20-YB42**

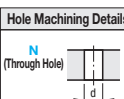
Through Hole

Adds through holes on the extrusion. N is a nominal diameter.

Face of Extrusion	N (Selection)
X	3 4 5 6 8
Y	

Spec.
 ⚠ 5+N/2 is needed from an end.
 ⚠ Only 1 dia. is selectable for N.
 ⚠ When A=15, only N3, N4 and N5 are available.
 ⚠ One face has up to five holes.

Hole Machining Details



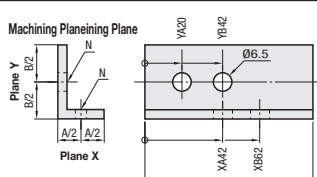
Screw Nominal Dia.	3	4	5	6	8
d	3.5	4.5	5.5	6.5	9

Ordering Code Specifications of Hole Size and Position (Ex.)

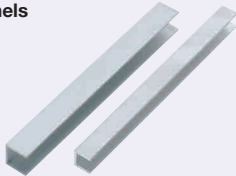
N (Select from the table)
 Extrusion Plane/Plane
 Hole machining on this plane (in the order of A, B and C)
 Distance from the End (1mm Increment)

N6 X A 42-XB62 Y A 20-YB42

Machining Planeing Plane

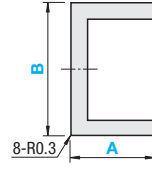


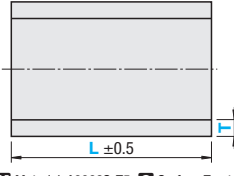
Channels



RoHS 10

HFHC





Material: A6063S-T5 Surface Treatment: Clear Anodize

Part Number Type	A B		T	L 1mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia		Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
							$I_x \times 10^4$	$I_y \times 10^4$		
HFHC (Channels)	15	15	2	50-2000	0.222	82	0.1433	0.227		
	15	30			0.304	112	0.232	1.471		
	20	20			0.304	112	0.453	0.719		
	20	40			0.412	152	0.576	3.688		
	25	25			0.381	142	1.479	0.911		
	25	50			0.761	282	1.640	10.42		

Ordering Example: **Part Number** - **T** - **L**
HFHC1515 - **2** - **800**

Alterations: **Part Number** - **T** - **L** - **N** - (XA, ...YA, ...ZA, ...)
HFHC2040 - **2** - **90** - **N8** - **XA50-YA20-ZA20-ZB42**

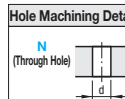
Through Hole

Adds through holes on the extrusion. N is a nominal diameter.

Face of Extrusion	N (Selection)
X	3 4 5 6 8
Y	
Z	

Spec.
 ⚠ 5+N/2 is needed from an end.
 ⚠ Only 1 dia. is selectable for N.
 ⚠ When A and B dimensions are 15, only N3, 4 and 5 can be selected.
 ⚠ One face has up to five holes.

Hole Machining Details



Screw Nominal Dia.	3	4	5	6	8
d	3.5	4.5	5.5	6.5	9

Ordering Code Specifications of Hole Size and Position (Ex.)

N (Select from the table.)
 Extrusion Plane/Plane
 Hole machining on this plane (in the order of A, B and C)
 Distance from the End (1mm Increment)

N6 X A 50 Y A 20 Z A 20-ZB42

Machining Planeing Plane

