

6 Series	

Pre-Assembly Insertion Screws



RoHS 10

■ Post-Assembly Insertion Screws



RoHS 10

■ Conductive Washers



Two conductive washers are shown. The one on the left has a central threaded hole, while the one on the right is a plain ring. Both have a rectangular shape with rounded corners and a central square hole.

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■ Toothed Washers (Internal Teeth Type)

Two circular metal washers with internal teeth. The top washer is smaller and shown from a slightly angled perspective. The bottom washer is larger and shown from a top-down perspective, clearly displaying its eight internal teeth.

■ Flanged Nuts



RoHS 10


Ordering Example

Effective Length of Pre-Assembly Insertion Screws

M6

$L = 0.5$

$H = 0.5$

6.1

5.7

2

Slot of Aluminum Extrusion

Effective Length of Post-Assembly Insertion Screws

M6

$L=0.5$

$H=0.5$

7.4

6.4

12

Slot of Aluminum Extrusion

ex Example

Electrical conductivity between extrusions is achieved by combining HDW and HUZW.

The diagram illustrates the assembly of an electrical connection between two extrusions. A central vertical rod passes through a grey rectangular block labeled 'HUZW'. This rod is connected to a silver-colored component labeled 'HDW' (Heat Dissipating Washer) which is positioned between two extrusions. The extrusions are shown in cross-section, revealing internal cooling channels. A label 'HNTT6' points to the bottom extrusion. The assembly is shown in a 3D perspective view.


Ordering Example

Part Number
HTDN6

6 Series	

■ Long Nuts L Dimension Configurable Type



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ex Example

Linear Guides

HNTLP6

Aluminum Extrusion with Milled Surfaces

(P581)

	Part Number	-	L												
	HNTLF6	-	1800												
	HNTALF6	-	400												
	Part Number	-	L	-	M	-	N	-	P	-	S				

	Part Number	-	L												
	HNTLF6	-	1800												
	HNTALF6	-	400												
	Part Number	-	L	-	M	-	N	-	P	-	S				

(Ex.)
Pitch Configurable Type

200

10 30 30 30 30 30 30

M3

Long Nuts L Dimension Fixed Type

Type	Material	Surface Treatment
HNTK6	EN 1.0301 Equiv.	Trivalent Chromate
SHNTLG6	EN 1.4305 Equiv.	-

Reference Tightening Torque (N·m)

M	EN 1.0301 Equiv., EN 1.4305 Equiv.
6	11.7

L Dimension Fixed without Holes
HNTK6

L Dimension Fixed with Holes
HNTLG6
SHNTLG6

RoHS10

L Dimension Fixed with Holes			
Part Number	Unit Price	Volume Discount Rate	
	1 ~ 499 pc(s)	500~999	1000~1500
HNTLG6			
SHNTLG6 (Stainless Steel)			

	Ordering Example	Part Number HNTLG6
	Alterations	Part Number - (SET) HNTLG6 - SET