

6 Series	

■ Pre-Assembly Insertion Screws



RoHS 10

	Part Number	-	L
	HNTLSN6-6	-	17

■ Post-Assembly Insertion Screws



RoHS 10

Effective Length of Post-Assembly Insertion Screws

M6

$L \pm 0.5$

$H \pm 0.5$

7.4

6.4

2

Slot of Aluminum Extrusion

	Part Number	-	L
	HATLSN6-6	-	17

■ Conductive Washers



Two conductive washers are shown. The top washer has a central threaded hole. The bottom washer is a plain ring. Both have a rectangular shape with rounded corners and a central hole.

RoHS 10

6

16
15
15
0.3
5

M Material: SUS304

ex Example



Part Number
HDW6

W6PACK

0.6

6.4

11

M Material: SUS304

HTD M6

HBLFSNM6

HATLSN6-6-13


Part Number
HUZW6PAC

■ Flanged Nuts



RoHS 10

Technical drawing of a hexagonal nut. The top view shows a hexagonal shape with a central circular hole. The outer diameter is dimensioned as $B \pm 0.25$. The side view shows the hexagonal profile with a height dimensioned as $D \pm 0.4$. A dimension line labeled M indicates the thread pitch. The material is specified as SUS20.

EX! Example

HNLTSLN6-6-13
SHNST6 (P619)

HTDN6


Ordering Example

6 Series

■ Long Nuts L Dimension Configurable Type



The image shows five long, cylindrical metal nuts of varying lengths, arranged diagonally from the top-left to the bottom-right. Each nut has a series of small, evenly spaced holes along its length. The nuts are made of a dark, possibly black-anodized, metal. The background is a light, neutral color.

ex Example

Linear Guides

HNTLP6

Aluminum Extrusion with Milled Surfaces

(P581)

Hole Position Configurable Type

The diagram illustrates a cylindrical component with five holes. The total length is labeled L . The distance from the left end to the center of the fifth hole is labeled M . The hole positions are defined by distances XA , XB , XC , XD , and XE from the left end. The hole diameter is ϕ , and the wall thickness is E . The distance from the right end to the center of the fifth hole is T .

Part Number		L 1mm Increment	HNTLF		SHNTLF		HNTALF	
			Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
(Pre-Assembly Insertion) HNTLF6	(Post-Assembly Insertion) HNTALF6	(Pre-Assembly Insertion) 50-2000 (Post-Assembly Insertion) 50-1000						

Part Number		L 1mm Increment	M	N 1mm Increment	P 1mm Increment	Number of Taps S	HNTLP		SHNTLP		HNTALP		SHNTALP	
							Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
(Pre-Assembly Insertion) HNTLP6 SHNTLP6	(Post-Assembly Insertion) HNTALP6 SHNTALP6	(Pre-Assembly Insertion) 50~2000 (Post-Assembly Insertion) 50~1000	3 4 5 6	5≤N≤L-5	2M≤P≤L-2M	2≤S≤20								

Part Number		L 1mm Increment	M	XA ~ XE 1mm Increment	HNTLS		SHNTLS		HNTALS		SHNTALS	
					Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
(Pre-Assembly Insertion) HNTLS6	(Post-Assembly Insertion) HNTALS6	(Pre-Assembly Insertion) 50-2000 (Post-Assembly Insertion) 50-1000	3 4 5 6	5-L-5								

[illegible]

Pitch Configurable Type	Unit Price / Hole	Hole Position Configurable Type	Unit Price / Hole
HNTLP, HNTALP		HNTLS, HNTALS	
SHNTLP, SHNTALP		SHNTLS, SHNTALS	

(Ex.) Pitch Configurable Type

10 30 30 30 30 30 30

M3

HNTK6

Technical drawing of a shaft. The shaft has a total length of 450 mm. It features a central section with a diameter of 140 mm, flanked by two sections with a diameter of 10 mm. The central section is divided into three segments: a 50 mm segment on the left, a 50 mm segment on the right, and a 10 mm segment in the middle. The shaft is supported by bearings, and the distance between the bearing centers is 140 mm. The shaft is labeled with '4-M6' indicating the thread specification for the mounting holes.

Reference Tightening Torque (N · m)	
M	S10C Equivalent, SUS303 Equivalent
6	11.7

Type	M Material	S Surface Treatment
HNTK6	S10C	Trivalent Chromate
HNTLG6	Equivalent	Chromate
SHNTLG6	SUS303 Equivalent	-

Part Number	Unit Price	Volume Discount Rate	
	1 ~ 499 pc(s)	500~999	1000~1500
HNTK6			

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 HNTLG6 - (SET) SET

Alteration	Code	Spec.	Type						
Hex Socket Set Screw Set	SET	Hex socket set screws come as a set.	HNTLG6						
		<table border="1"> <tr> <th>Type</th><th>Set Screw</th><th>Quantity</th></tr> <tr> <td>HNTLG</td><td>MSSK</td><td>4</td></tr> <tr> <td>SHNTLG</td><td>MSSU</td><td>4</td></tr> </table>		Type	Set Screw	Quantity	HNTLG	MSSK	4
Type	Set Screw	Quantity							
HNTLG	MSSK	4							
SHNTLG	MSSU	4							
	SHNTLG6								