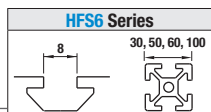


Pre-Assembly Insertion Bolts / Conductive Washers / Toothed Washer / Flanged Nuts

For HFS6 Series Aluminum Extrusions 30, 50, 60, 100 Square



Pre-Assembly Insertion Bolts

HNTLSN6-6

Material: Nuts: 316 Stainless Steel Equivalent (Sintering)
Bolts: 304 Stainless Steel

Part Number	L	H	Applicable Extrusion (Series)	Reference Tightening Torque (N.m)
HNTLSN6-6	13	11.8	HFS6	11.7
	17	16.8		
	22	21.8		

Part Number Example: **HNTLSN6-6 - 17**

Post-Assembly Insertion Bolts

HATLSN6-6

Material: Nuts: 316 Stainless Steel Equivalent (Sintering)
Bolts: 304 Stainless Steel

Part Number	L	H	Applicable Extrusion (Series)	Reference Tightening Torque (N.m)
HATLSN6-6	13	12.0	HFS6	11.7
	17	17.0		
	22	22.0		

Part Number Example: **HATLSN6-6 - 17**

Conductive Washers

HDW6

Material: 304 Stainless Steel

⚠ Be careful not to injure your hand when fitting onto nut.

Part Number	Applicable Pre-Assembly Insertion Nut
HDW6	HNTT6

Part Number Example: **HDW6**

Application Example

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

Toothed Washer (Internal Teeth Type)

HTDN

Material: 304 Stainless Steel

100 pcs. per package

Part Number Example: **HTDN**

Application Example

Flanged Nuts

HTDN

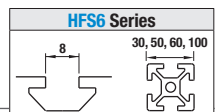
Material: 304 Stainless Steel

Part Number	M	B	T	D
HTDN (Stainless Steel)	4	7	4.2	10
	5	8	5.5	12
	6	10	6.0	13

Part Number Example: **HTDN6**

Long Nuts

For HFS6 Series Aluminum Extrusions 30, 50, 60, 100 Square



Long Nuts with Configurable L-Dimension

Type	Material	Surface Treatment	Reference Tightening Torque (N-m)
Pre-Assy. Insertion Lock Nut	1010 Carbon Steel	Trivalent Chromate	11.7
Post-Assy. Insertion	303 Stainless Steel or Equivalent	—	

Application Example

Cross Section Shape	A	B	E	T
Pre-Assembly Insertion Lock Nut	7.8	15	5.5	6.3
Post-Assembly	7.8	11.5	5.5	6.3

Reference Tightening Torque (N-m)	M
1010 Carbon Steel, 303 Stainless Steel Equivalent	5
	6.8

Without Holes

Configurable Pitch

Configurable Hole Positions

Part Number	Pre-Assembly Insertion	Post-Assembly Insertion	1 mm Increment
HNTLF6	50-2000	50-1000	50-1000
SHNTLF6	50-2000	50-1000	50-1000

Part Number	1 mm Increment	M	N	P	Number of Taps S
Pre-Assembly Insertion HNTLP6, SHNTLP6	50-2000	3, 4, 5, 6	5 ≤ N ≤ (L-5)	2M ≤ P ≤ L-2M	2 ≤ S ≤ 20

Part Number	1 mm Increment	M	XA-XE
Pre-Assembly Insertion HNTLS6, SHNTLS6	50-2000	3, 4, 5, 6	5 - (L-5)
Post-Assembly Insertion SHNTLS6	50-1000	3, 4, 5, 6	5 - (L-5)

Number of tapped holes can be specified between 1-5.

Part Number Example

Part Number: **HNTLF6 - 1800**
HNTALF6 - 400

Part Number: **L - M - N - P - S**
HNTLP6 - 200 - M3 - N10 - P30 - 7
HNTALP6 - 210 - M5 - N8 - P15 - 8

Part Number: **L - M - XA - XB - XC - XD - XE**
HNTLS6 - 1050 - M5 - XA20 - XB105
SHNTLS6 - 1050 - M5 - XA20 - XB105 - XC250 - XD500 - XE755
HNTALS6 - 1000 - M5 - XA25 - XB55 - XC78 - XD975 - XE992

(Ex.) Pitch Configurable Type

Long Nuts with Fixed L-Dimension

HNTK6

L Dimension Fixed without Holes

HNTLG6

L Dimension Fixed with Holes

SHNTLG6

Reference Tightening Torque (N.m)	M
1010 Carbon Steel Equivalent / 303 Stainless Steel	6
	11.7

Type	Material	Surface Treatment
HNTK6	1010 Carbon Steel Equivalent	Trivalent Chromate
HNTLG6	303 Stainless Steel	—

Part Number Example	Part Number
HNTK6	HNTK6
HNTLG6	HNTLG6
SHNTLG6	SHNTLG6

Alteration	Code	Spec.	Type
Hex Socket Set Screw Set	SET	Hex socket set screws come with as a set.	HNTLG6
		Type	HNTLG
		Set Screw Qty.	MSSK 4
			SHNTLG
			MSSU 4

Part Number Alterations: **HNTLG6 - (SET)**