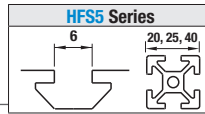


Pre- / Post-Assembly Insertion Bolts / Flanged Nuts

HFS5 Series (Aluminum Extrusions 20, 25, 40 mm Square)

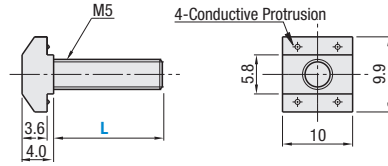


Pre-Assembly Insertion Bolts

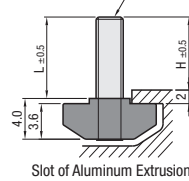
HNTLSN5-5



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



Effective Length of Pre-Assembly Insertion Bolts



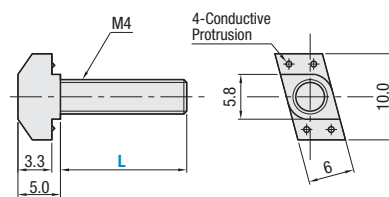
Part Number	L	H	Applicable Extrusions (Series)	Reference Tightening Torque (N.m)
HNTLSN5-5	12	10.8	HFS5	6.8
	17	15.8		

Post-Assembly Insertion Bolts

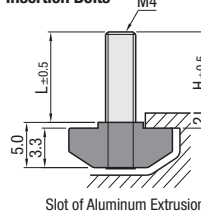
HATLSN5-4



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



Effective Length of Pre-Assembly Insertion Bolts



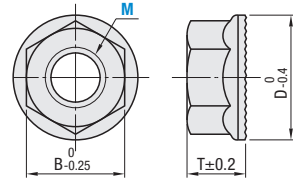
Part Number	L	H	Applicable Extrusions (Series)
HATLSN5-4	12	11.7	HFS5
	17	16.7	

Flanged Nuts

HTDN



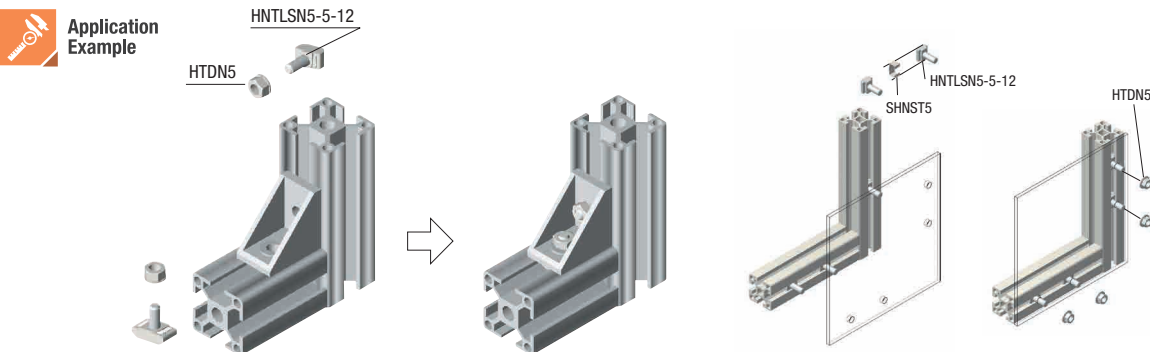
Material: 304 Stainless Steel



Part Number	M	B	T	D
HTDN Stainless Steel	4	7	4.2	10
	5	8	5.5	12

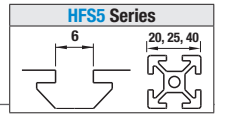
Part Number Example

Part Number	-	L
HNTLSN5-5	-	12
HTDN5	-	



Long Nuts

HFS5 Series (Aluminum Extrusions 20, 25, 40 mm Square)



Tightening Torque P.2895

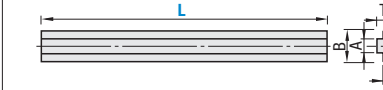
Long Nuts L Dimension Configurable Type



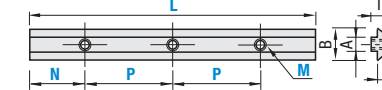
Type	Material	Surface Treatment	Reference Tightening Torque (N.m)
Pre-Assembly Insertion Lock Nut			
HNTLF5	1010 Carbon Steel	Trivalent Chromate	6.8
HNTLP5			
HNTLS5			
SHNTLF5	303 Stainless Steel Equivalent	—	—
SHNTLP5			
SHNTLS5			

Cross Section Shape	A	B	E	T	Reference Tightening Torque (N.m)	
Pre-Assembly Insertion Lock Nut	5.8	10	3.5	4.1	M	1010 Carbon Steel / 303 Stainless Steel Equivalent
Post-Assembly	5.8	8	2.5	3.2	5	6.8

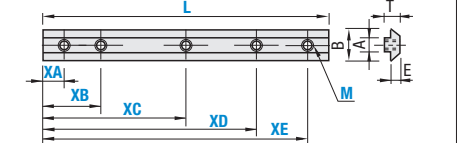
No Hole Type



Pitch Configurable Type



Hole Position Configurable Type



No Hole Type

Part Number	L 1 mm Increment
Pre-Assembly Insertion HNTLF5 SHNTLF5	Post-Assembly Insertion HNTALF5
	(Pre-Assembly Insertion) 50-2000 (Post-Assembly Insertion) 50-1000

Pitch Configurable Type

Part Number	L 1 mm Increment	M	N Specified in 1 mm Increment	P Specified in 1 mm Increment	Number of Taps S	
Pre-Assembly Insertion HNTLP5 SHNTLP5	Post-Assembly Insertion HNTALP5 SHNTALP5	(Pre-Assembly Insertion) 50-2000 (Post-Assembly Insertion) 50-1000	3 4 5	5 ≤ N ≤ L-5	2M ≤ P ≤ L-2M	2 ≤ S ≤ 20

Hole Position Configurable Type

Part Number	L 1 mm Increment	M	XA-XE 1 mm Increment
Pre-Assembly Insertion HNTLS5 SHNTLS5	Post-Assembly Insertion HNTALS5 SHNTALS5	(Pre-Assembly Insertion) 50-2000 (Post-Assembly Insertion) 50-1000	3 4 5
			5-L-5

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

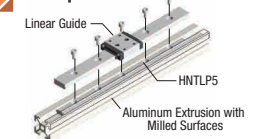


Part Number Example

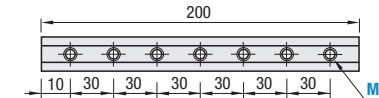
Part Number	-	L
HNTLF5	-	1800
HNTALF5	-	400

Part Number	-	L	-	M	-	N	-	P	-	S
HNTLP5	-	200	-	M3	-	N10	-	P30	-	7
HNTALP5	-	210	-	M5	-	N8	-	P15	-	8

Part Number	-	L	-	M	-	XA	-	XB	-	XC	-	XD	-	XE
HNTLS5	-	1050	-	M5	-	XA20	-	XB105	-	XC250	-	XD500	-	XE755
SHNTLS5	-	1050	-	M5	-	XA20	-	XB105	-	XC250	-	XD500	-	XE755
HNTALS5	-	1000	-	M5	-	XA25	-	XB55	-	XC78	-	XD975	-	XE992



(Ex.) Pitch Configurable Type



Long Nuts L Dimension Fixed Type



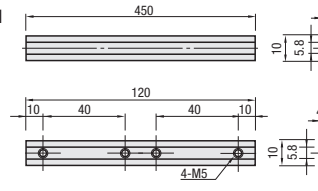
L Dimension Fixed without Holes

HNTK5

L Dimension Fixed with Holes

HNTLG5

SHNTLG5



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

Type	Material	Surface Treatment
HNTK5	1010 Carbon Steel	Trivalent Chromate
HNTLG5		
SHNTLG5		
	303 Stainless Steel Equivalent	—



Part Number Example

Part Number	
HNTLG5	



Part Number Alterations

Part Number	- (SET)
HNTLG5	- SET

Alteration	Code	Spec.	Type		
Hex Socket Set Screw Set	SET	Hex Socket Set Screws come in a set.	HNTLG5 SHNTLG5		
		Type		Set Screw	Qty.
		HNTLG		MSSK	4
		SHNTLG		MSSU	4