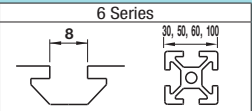


Pre-Assembly Insertion Nuts/Stoppers for Aluminum Extrusions - Standard

For 6 Series (Slot Width 8mm)



Tightening Torque P526

Pre-Assembly Insertion Nuts

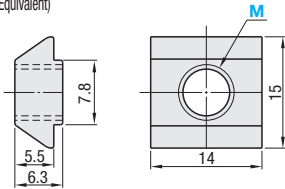
① HNTT6
② PACK-HNTT6
③ HNTTV6
④ HNTTZ6
⑤ HNTTSN6*
⑥ PACK-HNTTSN6*
⑦ HNTTSS6

* Electrically conductive

Type	Material	Surface Treatment
① HNTT6	S10C Equivalent	Trivalent Chromate
② PACK-HNTT6	S10C Equivalent	Trivalent Chromate
③ HNTTV6	Thread Locking Adhesive Type, S10C Equivalent	-
④ HNTTZ6	Thread Locking Resin Coating Type, S10C Equivalent	-
⑤ HNTTSN6*	SUS316 Equivalent (Sintered)	-
⑥ PACK-HNTTSN6*	SUS316 Equivalent (Sintered)	-
⑦ HNTTSS6	SUS303 Equivalent	-

HNTT6 (S10C Equivalent)
PACK-HNTT6 (S10C Equivalent, 100/pkg.)
HNTTV6 (Thread Locking Adhesive Type, S10C Equivalent)
HNTTZ6 (Thread Locking Resin Coating Type, S10C Equivalent)
HNTTSN6 (SUS316 Equivalent, Sintered)
PACK-HNTTSN6 (SUS316 Equivalent, Sintered, 100/pkg.)
HNTTSS6 (SUS303 Equivalent)

Reference Tightening Torque (N・m)		
M	S10C Equivalent	SUS316 Equivalent (Sintered) / SUS303 Equivalent
6	11.7	



Example

Pre-Assembly Insertion Nuts
Nuts are pre-inserted in the aluminum extrusion.
HNTU
HNTUV
HNTUZ
SHNTU
HNTTBS
HNTT
HNTTV
HNTTZ
HNTTSN
HNTTSS
HNTJ

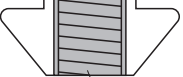
Part Number	M	Unit Price 1 ~ 499 pc(s).	Volume Discount Rate			
			500~749	750~999	1000~1500	
HNTT6 (S10C Equivalent)	3 4 5 6					
HNTTV6 (Thread Locking, S10C Equivalent)	6					
HNTTZ6 (Thread Locking, S10C Equivalent)	6					
HNTTSN6 (SUS316 Equivalent, Sintered)	3 4 5 6					
HNTTSS6 (SUS303 Equivalent)	6					

Bulk Packages 100 pcs. per package

Part Number	M	Unit Price (1 ~ 10 packages)	
		Package Price	Price per Pkg.
PACK-HNTT6 (S10C Equivalent)	3 4 5 6		
PACK-HNTTSN6 (SUS316 Equivalent, Sintered)	3 4 5 6		

When ordering HNTT6 without specifying M, HNTT6-6 is selected automatically.

Thread Locking Type



Thread locking compound applied inside of the tap.

Effect of Thread Locker (Reference)

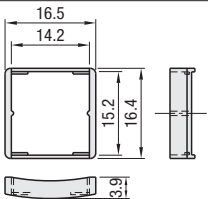
Loosening torque values are for reference. Difference may occur depending on the clearances between screws and nuts.

	Characteristics	Loosening Torque after Tightening (1st time)	Remarks
Without Thread Locker	-	8.2N・m	-
Thread Locking Adhesive Type	• Prevents loosening effectively. • Thread locking properties are lost once loosened. • Requires a hardening time for adhesives (72 hours at room temperature 25°C) after tightening.	11.7N・m	Test Conditions: Measured value (HNTTV6-6) when a screw is loosened after drying for 72 hours at room temperature (25°C), after tightened at 11.7N・m.
Thread Locking Resin Coating Type	• Can be used repeatedly. (Thread locking effect decreases after repeated use.) • Thread locking effect is immediately seen right after tightening.	10.0N・m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 9.4N・m Measurement with HNTTZ6-6

Pre-Assembly Insertion Stoppers

RoHS10

HNST6

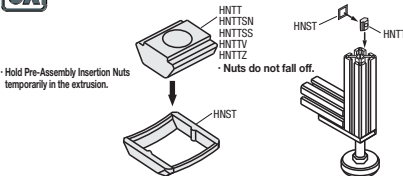


Material: Polyamide

Part Number	Applicable Pre-Assembly Insertion Nut	Color	Unit Price 1 ~ 1500 pc(s).
HNST6	HNTT6 HNTTV6 HNTTZ6 HNTTSN6 HNTTSS6	Black	

Ordering Example
Part Number
HNST6

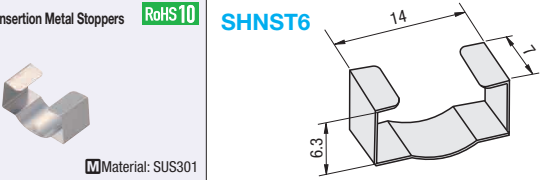
Example



Pre-Assembly Insertion Metal Stoppers

RoHS10

SHNST6

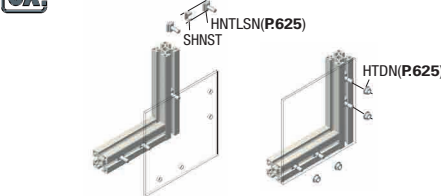


Material: SUS301

Part Number	Applicable Pre-Assembly Insertion Nut	Unit Price 1 ~ 1500 pc(s).
SHNST6	HNTT6 HNTTV6 HNTTZ6 HNTTSN6 HNTTSS6	

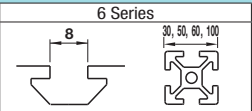
Ordering Example
Part Number
SHNST6

Example



Pre-Assembly Insertion Nuts for Aluminum Extrusions with Temporary Holding Function

For 6 Series (Slot Width 8mm)



Tightening Torque P526

Pre-Assembly Insertion Spring Nuts

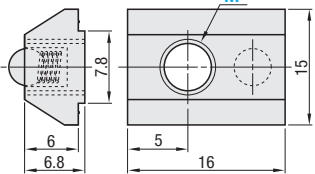
① HNTU6
② PACK-HNTU6
③ HNTUV6
④ HNTUZ6
⑤ SHNTU6*
⑥ PACK-SHNTU6*

* Electrically conductive

Type	Main Body	Ball	Spring	Surface Treatment
① HNTU6	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
② PACK-HNTU6	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
③ HNTUV6	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
④ HNTUZ6	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
⑤ SHNTU6*	SUS304 Equivalent (Sintered)	SUS304	SUS304-WP8	-
⑥ PACK-SHNTU6*	SUS304 Equivalent (Sintered)	SUS304	SUS304-WP8	-

HNTU6 (S10C Equivalent)
PACK-HNTU6 (S10C Equivalent, 100/pkg.)
HNTUV6 (Thread Locking Adhesive Type, S10C Equivalent)
HNTUZ6 (Thread Locking Resin Coating Type, S10C Equivalent)
SHNTU6 (SUS304 Equivalent, Sintered)
PACK-SHNTU6 (SUS304 Equivalent, Sintered, 100/pkg.)

Reference Tightening Torque (N・m)		
M	S10C Equivalent, SUS304 Equivalent (Sintered)	
6	11.7	



Part Number	M	Unit Price 1 ~ 499 pc(s).	Volume Discount Rate			
			500~749	750~999	1000~1500	
HNTU6 (S10C Equivalent)	3 4 5 6					
HNTUV6 (Thread Locking, S10C Equivalent)	6					
HNTUZ6 (Thread Locking, S10C Equivalent)	6					
SHNTU6 (SUS304 Equivalent)	3 4 5 6					

Bulk Packages 100 pcs. per package

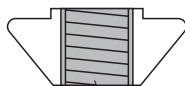
Part Number	M	Unit Price (1 ~ 10 packages)	
		Package Price	Price per Pkg.
PACK-HNTU6 (S10C Equivalent)	3 4 5 6		
PACK-SHNTU6 (SUS304 Equivalent)	3 4 5 6		

Ordering Example
Part Number
HNTU6 - M 6

Example

Does not fall even if the extrusion is placed vertically.
Built-in spring prevents slips.
Moves easily in the slot when pressed slightly by hand.

Thread Locking Type



Thread locking compound applied inside of the tap.

Effect of Thread Locker (Reference)

Nuts with thread locker applied on the inside of tap. Reduce loosening caused by vibration during transportation and operation of equipment.
Thread Locking Adhesive: A microencapsulated anaerobic adhesive prevents thread loosening. Note that it requires a hardening time (72 hours at room temperature 25°C). The adhesive property is lost once loosened.
Resin Coating: Resin is coated along the threads. Although the thread locking effect may be less than adhesive type, it can be used repeatedly without hardening time required.

Loosening torque values are for reference. Difference may occur depending on the clearances between screws and nuts.

	Characteristics	Loosening Torque after Tightening (1st time)	Remarks
Without Thread Locker	-	8.2N・m	-
Thread Locking Adhesive Type	• Prevents loosening effectively. • Thread locking properties are lost once loosened. • Requires a hardening time for adhesives (72 hours at room temperature 25°C) after tightening.	11.7N・m	Test Conditions: Measured value (HNTTV6-6) when a screw is loosened after drying for 72 hours at room temperature (25°C), after tightened at 11.7N・m.
Thread Locking Resin Coating Type	• Can be used repeatedly. (Thread locking effect decreases after repeated use.) • Thread locking effect is immediately seen right after tightening.	10.0N・m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 9.4N・m Measurement with HNTTZ6-6

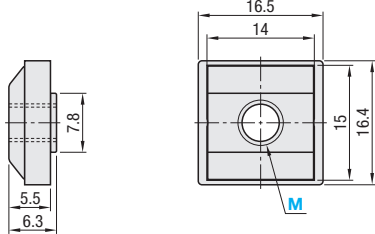
Stopper Integrated Nuts

RoHS10

HNTE6
SHNTE6

① HNTE6
② SHNTE6

Type	Main Body	Stopper	Material	Surface Treatment
① HNTE6	S10C Equivalent	Polyamide	Polyamide	Trivalent Chromate
② SHNTE6	SUS304	Polyamide	Polyamide	-

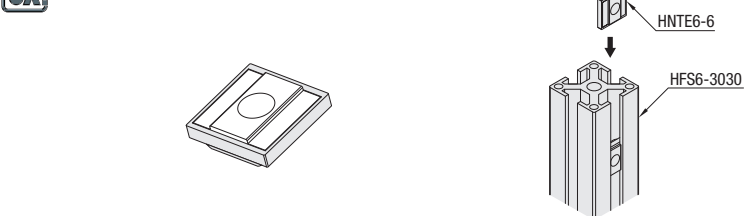


Reference Tightening Torque (N・m)		
M	S10C Equivalent / SUS304	
6	11.7	

Part Number	M	Unit Price 1 ~ 499 pc(s).	Volume Discount Rate			
			500~749	750~999	1000~1500	
HNTE6	3 4 5 6					
SHNTE6	3 4 5 6					

Ordering Example
Part Number
HNTE6 - M 5

Example



Integrated Pre-Assembly Insertion Nuts and Stoppers.

The nuts do not slip off even if inserted into the vertically-placed extrusions.