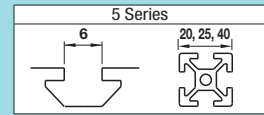


Pre-Assembly Insertion Nuts / Stoppers for Aluminum Extrusions with Temporary Holding Function For 5 Series (Slot Width 6mm)



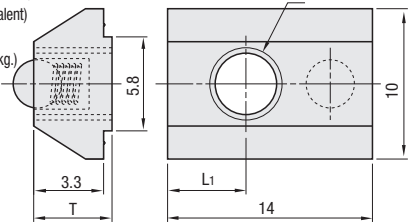
Pre-Assembly Insertion Spring Nuts

RoHS 10
* Electrically conductive

Type	Material			
	Main Body	Ball	Spring	Surface Treatment
① HNTU5	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
② PACK-HNTU5	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
③ HNTUV5	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
④ HNTUZ5	S10C Equivalent	SUS304	SWP-A	Trivalent Chromate
⑤ SHNTU5*	SUS304 Equivalent (Sintered)	SUS304	SUS304-WP8	-
⑥ PACK-SHNTU5*	SUS304 Equivalent (Sintered)	SUS304	SUS304-WP8	-

HNTU5 (S10C Equivalent)
PACK-HNTU5 (S10C Equivalent, 100/pkg.)
HNTUV5 (Thread Locking Adhesive Type, S10C Equivalent)
HNTUZ5 (Thread Locking Resin Coating Type, S10C Equivalent)
SHNTU5 (SUS304 Equivalent, Sintered)
PACK-SHNTU5 (SUS304 Equivalent, Sintered, 100/pkg.)

Reference Tightening Torque (N · m)	
M S10C Equivalent / SUS304 Equivalent (Sintered)	5
M S10C Equivalent / SUS304 Equivalent (Sintered)	6.8



Part Number	M	T	L ₁	Unit Price	Volume Discount Rate		
				1 - 499 pc(s).	500-749	750-999	1000-1500
HNTU5 (S10C Equivalent)	3 4 5	4.1	4.5				
HNTUV5 (Thread Locking, S10C Equivalent)	5						
HNTUZ5 (Thread Locking, S10C Equivalent)	5						
SHNTU5 (SUS304 Equivalent, Sintered)	3 4 5	4.7	3.5				



Ordering Example Part Number - M
HNTU5 - 5

Bulk Packages 100 pcs. per package

Part Number	M	T	L ₁	Unit Price (1 ~ 10 packages)	
				Package Price	Price per Pkg.
PACK-HNTU5 (S10C Equivalent)	3 4 5	4.1	4.5		
PACK-SHNTU5 (SUS304 Equivalent, Sintered)	3 4 5	4.7	3.5		



Example

Thread Locking Type



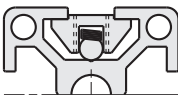
Thread locking compound

- 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.

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.

Effect of Thread Locker (Reference)

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



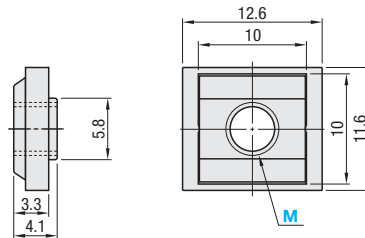
	Characteristics	Loosening Torque after Tightening (1st time)	Remarks
Without Thread Locker	-	5.2N · m	-
Thread Locking Adhesive Type	<ul style="list-style-type: none"> Prevents loosening effectively. Thread locking properties are lost once loosened. Requires a hardening time for adhesives (72 hours at room temperature 25°C) after tightening. 	7.6N · m	Test Conditions: Measured value (HNTPV5-5) when a screw is loosened after drying for 72 hours at room temperature (25 deg. C), after tightened at 6.8N · m.
Thread Locking Resin Coating Type	<ul style="list-style-type: none"> Can be used repeatedly. (Thread locking effect decreases after repeated use.) Thread locking effect is immediately seen right after tightening. 	6.5N · m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 6.2N · m Measurement with HNTI25-5

Stopper Integrated Nuts

RoHS 10

**HNTE5
SHNTE5**

Reference Tightening Torque (N · m)	
M S10C Equivalent / SUS304	5
M S10C Equivalent / SUS304	6.8



Type	Material		
	Main Body	Stopper	Surface Treatment
① HNTE5	S10C Equivalent	Polypropylene	Trivalent Chromate
② SHNTE5	SUS304	Polypropylene	-

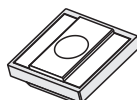
Part Number	M	Unit Price	Volume Discount Rate		
		1 ~ 499 pc(s).	500-749	750-999	1000-1500
HNTE5	3 4 5				
SHNTE5	3 4 5				



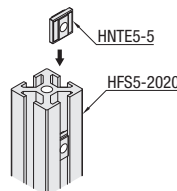
Ordering Example Part Number - M
HNTE5 - 5



Example



Integrated Pre-Assembly Insertion Nuts and Stoppers.



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