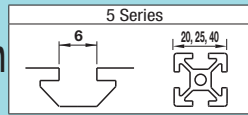
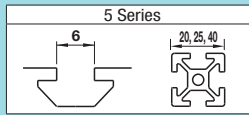


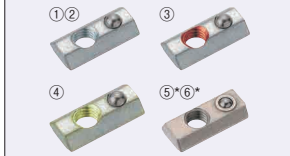
Post-Assembly Insertion Nuts for Aluminum Extrusions with Temporary Holding Function For 5 Series (Slot Width 6mm)



Post-Assembly Insertion Nuts / Stoppers for Aluminum Extrusions - Others For 5 Series (Slot Width 6mm)

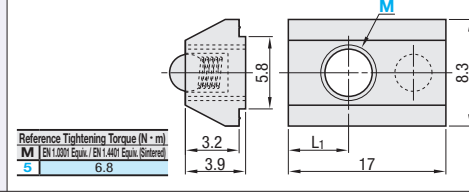


Post-Assembly Insertion Spring Nuts RoHS 10



Type	Main Body	Ball	Spring	Surface Treatment
① HNTPS	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate
② PACK-HNTPS	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate
③ HNTPV5	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate
④ HNTPZ5	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate
⑤ SHNTP5*	EN 1.4401 Equiv. (Sintered)	EN 1.4401 Equiv. (Sintered)	SUS304-WP8	-
⑥ PACK-SHNTP5*	EN 1.4401 Equiv. (Sintered)	EN 1.4401 Equiv. (Sintered)	SUS304-WP8	-

HNTPS (EN 1.0301 Equiv.)
PACK-HNTPS (EN 1.0301 Equiv., 100/pkg.)
HNTPV5 (Thread Locking Adhesive Type, EN 1.0301 Equiv.)
HNTPZ5 (Thread Locking Resin Coating Type, EN 1.0301 Equiv.)
SHNTP5 (EN 1.4401 Equiv., Sintered)
PACK-SHNTP5 (EN 1.4401 Equiv., Sintered, 100/pkg.)



Reference Tightening Torque (N · m)	M
5	6.8

Example

Built-in spring prevents slips. Moves easily in the slot when pressed slightly by hand.

* Does not fall even if the extrusion is placed vertically.

Part Number	M	L1	Unit Price				Volume Discount Rate				
			1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500	
HNTPS (EN 1.0301 Equiv.)	3 4 5	6									
HNTPV5 (Thread Locking, EN 1.0301 Equiv.)	5										
HNTPZ5 (Thread Locking, EN 1.0301 Equiv.)	5										
SHNTP5 (EN 1.4401 Equiv., Sintered)	3 4 5	6.5									
	5										
	5										

Bulk Packages

Part Number	M	L1	Unit Price (1 ~ 10 packages)		Part Number - M
			Package Price	Price per Pkg.	
PACK-HNTPS (EN 1.0301 Equiv.)	3 4 5	6			HNTPS - 5
PACK-SHNTP5 (EN 1.4401 Equiv., Sintered)	3 4 5	6.5			

100 pcs. per package

Thread Locking Type

Nuts with thread locker applied on the inside of tap. Reduce loosening caused by vibration during transportation and operation of equipment.

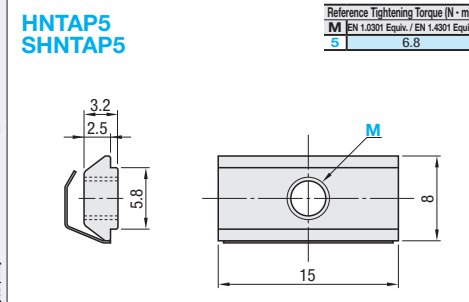
Thread Locking Adhesive: A microencapsulated anaerobic adhesive prevents thread loosening. Note that it requires a hardening time (72 hours at room temperature 25°C). The adhesive property is lost once loosened.

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.

Without Thread Locker	Characteristics	Loosening Torque after Tightening (1st time)	Remarks
Without Thread Locker	-	5.0N · 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. 	6.3N · 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. 	6.1N · m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 5.7N · m Measurement with HNTAZ5-5

Post-Assembly Insertion Nuts with Leaf Springs RoHS 10



Reference Tightening Torque (N · m)	M
5	6.8

Example

Welded Leaf Springs prevent the nuts from slipping off even if inserted into the vertically-placed extrusions.

Part Number	M	Unit Price				Volume Discount Rate				
		1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500	
HNTAP5	3 4 5									
SHNTAP5	3 4 5									

Ordering Example: Part Number - M
HNTAP5 - 5

Post-Assembly Insertion Lock Nuts with Leaf Springs RoHS 10



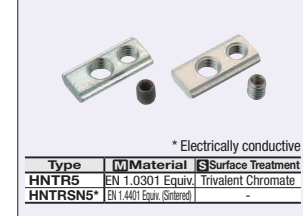
HNTRP5

Reference Tightening Torque (N · m)
M EN 1.0301 Equiv.
5 6.8

Part	Material	Surface Treatment	Unit Price				Volume Discount Rate				
			1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500	
Main Body	EN 1.0301 Equiv.	Trivalent Chromate									
Wing Part	EN 1.4301 Equiv.	-									

Part Number	M	Accessory	Unit Price				Volume Discount Rate				
			1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500	
HNTRP5	5	M4 Set Screw for Locking 1 pc.									

Post-Assembly Insertion Lock Nuts RoHS 10



HNTRS5 (EN 1.0301 Equiv.)
HNTRS5N5 (EN 1.4401 Equiv., Sintered)

Reference Tightening Torque (N · m)
M EN 1.0301 Equiv. / EN 1.4401 Equiv. (Sintered)
5 6.8

Type	Material	Surface Treatment	Unit Price				Volume Discount Rate				
			1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500	
HNTRS5	EN 1.0301 Equiv.	Trivalent Chromate									
HNTRS5N5*	EN 1.4401 Equiv. (Sintered)	-									

Part Number	M	E	Accessory	Unit Price				Volume Discount Rate			
				1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500
HNTRS5 (EN 1.0301 Equiv.)	3 4 5	2.4	M4x5 Set Screw for Locking 1 pc.								
HNTRS5N5 (EN 1.4401 Equiv., Sintered)	3 4 5										
	5										

Ordering Example: Part Number - M
HNTRS5 - 5
HNTRS5N5 - 5

Post-Assembly Insertion Lock Nuts (HNTR) Post-Assembly Insertion Lock Nuts with Leaf Springs (HNTRP5)

Example

The nut can be fixed in place by itself by tightening the included set screw.

Suitable for use where high repeatability is required, such as mounting sensors or repeatedly replacing panels.

Welded Leaf Springs prevent nuts from slipping off even if inserted into the vertically-oriented extrusions, leading to easy locating.

Also, the nut can be fixed in place by tightening the included set screw.

Post-Assembly Insertion Short Nuts RoHS 10



HNTAJ5 PACK-HNTAJ5 (100/pkg.)

Overall length is shorter than Pre-Assembly Insertion Nuts HNTT. Suitable for installing sensors or other components closely together.

Part	Material	Surface Treatment	Unit Price				Volume Discount Rate				
			1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500	
Main Body	EN 1.0301 Equiv.	Trivalent Chromate									
Wing Part	EN 1.4319 Equiv.	-									

Part Number	M	Unit Price				Volume Discount Rate				
		1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 ~ 499 pc(s).	500~749	750~999	1000~1500	
HNTAJ5 PACK-HNTAJ5	3 4 5									