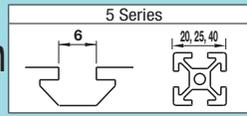
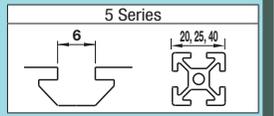


Post-Assembly Insertion Nuts for Aluminum Extrusions with Temporary Holding Function For 5 Series (Slot Width 6mm)



Note that, for some of the types shown here, order might be unable to be received by the MISUMI Malaysia, and/or Indonesia offices.

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



Post-Assembly Insertion Spring Nuts

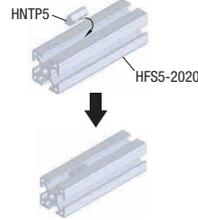


HNTPS (S10C Equivalent)
PACK-HNTPS (S10C Equivalent, 100/pkg.)
HNTPV5 (Thread Locking Adhesive Type, S10C Equivalent)
HNTPZ5 (Thread Locking Resin Coating Type, S10C Equivalent)
SHNTP5 (SUS316 Equivalent, Sintered)
PACK-SHNTP5 (SUS316 Equivalent, Sintered, 100/pkg.)

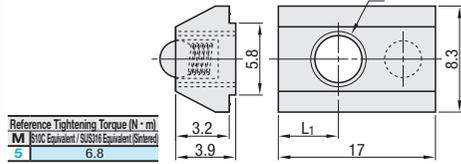


Example

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.



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

* Electrically conductive

Type	Main Body	Material	Spring	Surface Treatment
① HNTPS		S10C	SWP-A	Trivalent Chromate
② PACK-HNTPS		S10C		
③ HNTPV5		SUS304		
④ HNTPZ5		SUS304		
⑤ SHNTP5		SUS316 Equivalent (Sintered)		
⑥ PACK-SHNTP5		SUS304-WP8		

Part Number	M	L1	Unit Price				Volume Discount Rate				
			1 ~ 499 pc(s).	500~749	750~999	1000~1500	500~749	750~999	1000~1500		
HNTPS (S10C Equivalent)	3 4 5	6									
HNTPV5 (Thread Locking, S10C Equivalent)	5										
HNTPZ5 (Thread Locking, S10C Equivalent)	5										
SHNTP5 (SUS316 Equivalent, Sintered)	3 4 5	6.5									
	5										

Bulk Packages

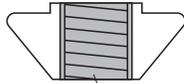
Part Number	M	L1	Unit Price (1 ~ 10 packages)	Package Price	Price per Pkg.
PACK-HNTPS (S10C Equivalent)	3 4 5	6			
PACK-SHNTP5 (SUS316 Equivalent, Sintered)	3 4 5	6.5			



Part Number - M
HNTPS - **5**

100 pcs. per package

Thread Locking Type



Thread locking compound

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	-	5.0N·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

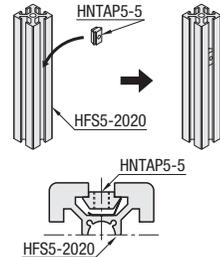
Post-Assembly Insertion Nuts with Leaf Springs

HNTAP5
SHNTAP5

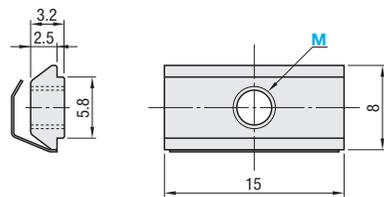
Reference Tightening Torque (N·m)
M S10C Equivalent / SUS304
5 6.8



Example



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



Type	Main Body	Material	Wing Part	Surface Treatment
① HNTAP5		S10C	SUS304	Trivalent Chromate
② SHNTAP5		SUS304		

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

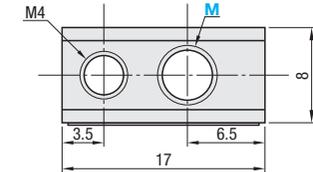
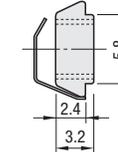
Ordering Example
 Part Number - M
HNTAP5 - **5**

Post-Assembly Insertion Lock Nuts with Leaf Springs

HNTRP5



Part	Material	Surface Treatment
Main Body	S10C Equivalent	Trivalent Chromate
Wing Part	SUS304	-

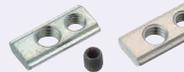


Reference Tightening Torque (N·m)
M S10C Equivalent
5 6.8

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

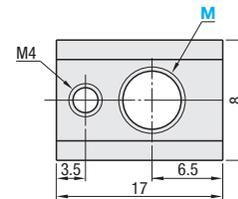
Post-Assembly Insertion Lock Nuts

HNTR5 (S10C Equivalent)
HNTRSN5 (SUS316 Equivalent, Sintered)



Type	Material	Surface Treatment
HNTR5	S10C Equivalent	Trivalent Chromate
HNTRSN5	SUS316 Equivalent (Sintered)	-

* Electrically conductive



Reference Tightening Torque (N·m)
M S10C Equivalent / SUS316 Equivalent (Sintered)
5 6.8

Part Number	M	E	Accessory	Unit Price				Volume Discount Rate				
				1 ~ 499 pc(s).	500~749	750~999	1000~1500	500~749	750~999	1000~1500		
HNTR5 (S10C Equivalent)	3 4 5	2.4	M4x5 Set Screw for Locking 1 pc.									
HNTRSN5 (SUS316 Equivalent, Sintered)	3 4 5											
	5											

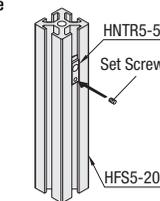
Ordering Example
 Part Number - M
HNTR5 - **5**
HNTRP5 - **5**



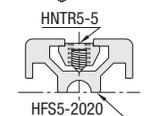
Example

Post-Assembly Insertion Lock Nuts (HNTR)

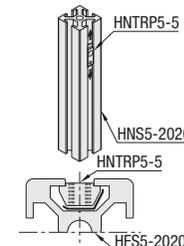
Post-Assembly Insertion Lock Nuts with Leaf Springs (HNTRP)



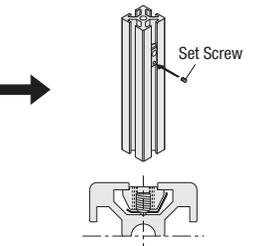
The nut can be fixed in place by itself by tightening the included set screw.



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.



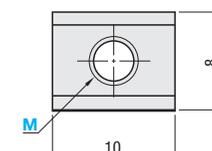
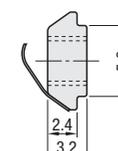
Also, the nut can be fixed in place by tightening the included set screw.

Post-Assembly Insertion Short Nuts

HNTAJ5
PACK-HNTAJ5 (100/pkg.)



Part	Material	Surface Treatment
Main Body	S10C Equivalent	Trivalent Chromate
Wing Part	SUS301	-



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

Ordering Example
 Part Number - M
HNTAJ5 - **5**

Part Number	M	HNTAJ5				PACK-HNTAJ5					
		Unit Price (1 ~ 499 pc(s).)	500~749	750~999	1000~1500	Unit Price (1 pkg.)	2~4	5~9	10~20		
HNTAJ5	3 4 5										
PACK-HNTAJ5	3 4 5										

100 pcs. per package