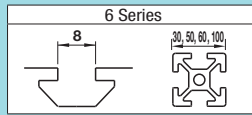


Post-Assembly Insertion Nuts for Aluminum Extrusions with Temporary Holding Function For 6 Series (Slot Width 8mm)



Tightening Torque **P526**

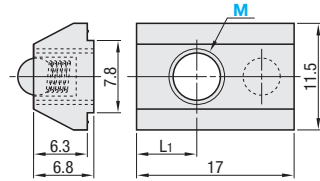
Post-Assembly Insertion Spring Nuts **RoHS10**



*Electrically conductive

Type	Material				Surface Treatment
	Main Body	Ball	Spring		
① HNTAP6	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate	
② PACK-HNTAP6	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate	
③ HNTAP6	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate	
④ HNTAP6	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate	
⑤ SHNTAP6*	EN 1.4401 Equiv. (Sintered)	EN 1.4301 Equiv.	EN 1.4301 WPR Equiv.	-	
⑥ PACK-SHNTAP6*	EN 1.4401 Equiv. (Sintered)	EN 1.4301 Equiv.	EN 1.4301 WPR Equiv.	-	

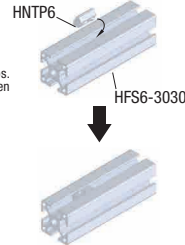
HNTAP6 (EN 1.0301 Equiv.)
PACK-HNTAP6 (EN 1.0301 Equiv., 100/pkg.)
HNTAP6 (Thread Locking Adhesive Type, EN 1.0301 Equiv.)
HNTAP6 (Thread Locking Resin Coating Type, EN 1.0301 Equiv.)
SHNTAP6 (EN 1.4401 Equiv., Sintered, Bulk Packages)
SHNTAP6 (EN 1.4401 Equiv., Sintered)



Reference Tightening Torque (N·m)	
M	EN 1.0301 Equiv. / EN 1.4401 Equiv. (Sintered)
6	11.7



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.

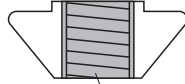
Part Number	M	L1	Unit Price				Volume Discount Rate		
			1 ~ 499 pc(s).	500~749	750~999	1000~1500			
HNTAP6 (EN 1.0301 Equiv.)	3 4 5 6	6							
HNTAP6 (Thread Locking, EN 1.0301 Equiv.)	6	6							
HNTAP6 (Thread Locking, EN 1.0301 Equiv.)	6	6							
SHNTAP6 (EN 1.4401 Equiv., Sintered)	3 4 5 6	6.5							

Bulk Packages

Part Number	M	L1	Unit Price (1 ~ 10 packages)	
			Package Price	Price per Pkg.
PACK-HNTAP6 (EN 1.0301 Equiv.)	3 4 5 6	6		
PACK-SHNTAP6 (EN 1.4401 Equiv., Sintered)	3 4 5 6	6.5		

100 pcs. per package

Thread Locking Type



Thread locking compound applied inside of the tap.

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	-	8.2N·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. 	11.7N·m	Test Conditions: Measured value (HNTAP6-6) 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	<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. 	9.4N·m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 8.7N·m Measurement with HNTAP6-6

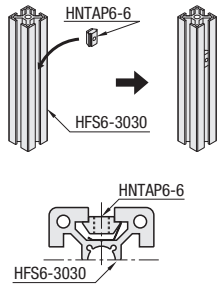
Post-Assembly Insertion Nuts with Leaf Springs **RoHS10**

HNTAJ6
SHNTAJ6

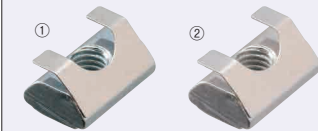
Reference Tightening Torque (N·m)	
M	EN 1.0301 Equiv. / EN 1.4301 Equiv.
6	11.7



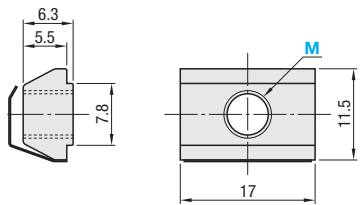
Example



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



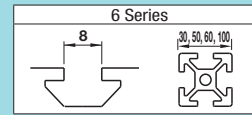
Type	Material				Surface Treatment
	Main Body	Wing Part			
① HNTAJ6	EN 1.0301 Equiv.	EN 1.4301 Equiv.	Trivalent Chromate		
② SHNTAJ6	EN 1.4301 Equiv.	EN 1.4301 Equiv.	-		



Part Number	M	Unit Price				Volume Discount Rate		
		1 ~ 499 pc(s).	500~749	750~999	1000~1500			
HNTAJ6	3 4 5 6							
SHNTAJ6	3 4 5 6							

Ordering Example Part Number - M
HNTAJ6 - 6

Post-Assembly Insertion Nuts for Aluminum Extrusions - Others For 6 Series (Slot Width 8mm)



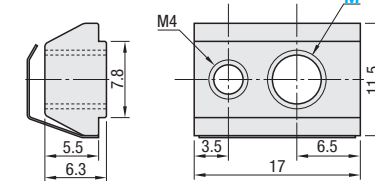
Tightening Torque **P526**

Post-Assembly Insertion Lock Nuts with Leaf Springs **RoHS10**

HNTRP6



Part	Material	Surface Treatment
Main Body	EN 1.0301 Equiv.	Trivalent Chromate
Wing Part	EN 1.4301 Equiv.	-

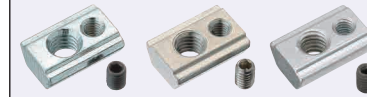


Reference Tightening Torque (N·m)	
M	EN 1.0301 Equiv.
6	11.7

Part Number	M	Accessory	Unit Price	Volume Discount Rate		
			1 ~ 499 pc(s).	500~749	750~999	1000~1500
HNTRP6	6	M4x4 Set Screw for Locking 1 pc.				

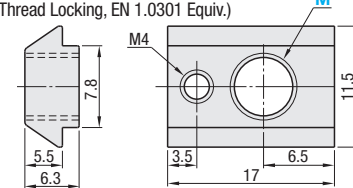
Post-Assembly Insertion Lock Nuts **RoHS10**

HNTR6 (EN 1.0301 Equiv.)
HNTRS6 (EN 1.4401 Equiv., Sintered)
HNTRZ6 (Thread Locking, EN 1.0301 Equiv.)



*Electrically conductive

Type	Material	Surface Treatment
HNTR6, HNTRZ6	EN 1.0301 Equiv.	Trivalent Chromate
HNTRS6*	EN 1.4401 Equiv. (Sintered)	-



Reference Tightening Torque (N·m)	
M	EN 1.0301 Equiv. / EN 1.4401 Equiv. (Sintered)
6	11.7

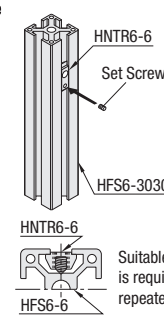
Part Number	M	Accessory	Unit Price	Volume Discount Rate		
			1 ~ 499 pc(s).	500~749	750~999	1000~1500
HNTR6 (EN 1.0301 Equiv.)	3 4 5 6	M4x6 Set Screw for Locking 1 pc.				
HNTRS6 (EN 1.4401 Equiv., Sintered)	6					
HNTRZ6 (Thread Locking, EN 1.0301 Equiv.)	6					

Ordering Example Part Number - M
HNTR6 - 6



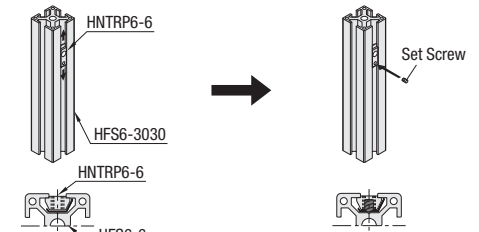
Example

Post-Assembly Insertion Lock Nut (HNTR)



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

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



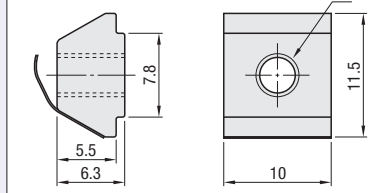
Welded Leaf Springs prevents nuts from slipping off even if inserted into the vertically-oriented extrusions, leading to easy locating.

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

Post-Assembly Insertion Short Nuts

HNTAJ6
PACK-HNTAJ6 (100/pkg.)

Part	Material	Surface Treatment
Main Body	EN 1.0301 Equiv.	Trivalent Chromate
Wing Part	EN 1.4319 Equiv.	-



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

Ordering Example Part Number - M
HNTAJ6 - 6

Part Number	M	HNTAJ6				PACK-HNTAJ6			
		Unit Price	Volume Discount Rate			Unit Price	Volume Discount Rate		
		1 ~ 499 pc(s).	500~749	750~999	1000~1500	1 pkg.	2~4	5~9	10~20
HNTAJ6	3 4 5 6								
PACK-HNTAJ6	3 4 5 6								

100 pcs. per package