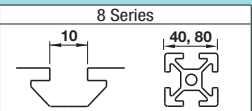
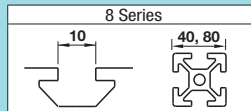


Pre-Assembly Insertion Nuts / Stoppers for Aluminum Extrusions - Standard
For 8 Series (Slot Width 10mm)

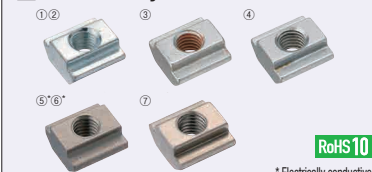


Pre-Assembly Insertion Nuts for Aluminum Extrusions
For 8 Series (Slot Width 10mm)



Tightening Torque P526

Pre-Assembly Insertion Nuts



RoHS10
* Electrically conductive

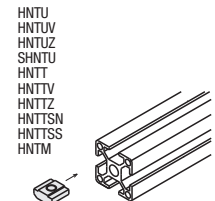
Type	M Material	S Surface Treatment
① HNTT8	EN 1.0301 Equiv.	Trivalent Chromate
② PACK-HNTT8		
③ HNTTV8		
④ HNTTZ8		
⑤ HNTTSN8*	EN 1.4401 Equiv. (Sintered)	-
⑥ PACK-HNTTSN8*		
⑦ HNTTSS8	EN 1.4305 Equiv.	-

HNTT8 (EN 1.0301 Equiv.)
PACK-HNTT8 (EN 1.0301 Equiv., 100/pkg.)
HNTTV8 (Thread Locking Adhesive Type, EN 1.0301 Equiv.)
HNTTZ8 (Thread Locking Resin Coating Type, EN 1.0301 Equiv.)
HNTTSN8 (EN 1.4401 Equiv., Sintered)
PACK-HNTTSN8 (EN 1.4401 Equiv., Sintered, 100/pkg.)
HNTTSS8 (EN 1.4305 Equiv.)

Reference Tightening Torque (N·m)	
M	
8	23.5



Pre-Assembly Insertion Nuts
Nuts are pre-inserted in the aluminum extrusion.



Part Number	M	Unit Price 1 ~ 499 pc(s)	Volume Discount Rate				Part Number	M
HNTT8 (EN 1.0301 Equiv.)	4 5 6 8		500~749	750~999	1000~1500		HNTT8	- 8
HNTTV8 (Thread Locking, EN 1.0301 Equiv.)	8							
HNTTZ8 (Thread Locking, EN 1.0301 Equiv.)	4 5 6 8							
HNTTSN8 (EN 1.4401 Equiv., Sintered)	4 5 6 8							
HNTTSS8 (EN 1.4305 Equiv.)	8							

Bulk Packages 100 pcs. per package

Part Number	M	Unit Price (1 ~ 10 packages)	
Package Price	Price per Pkg.		
PACK-HNTT8 (EN 1.0301 Equiv.)	4 5 6 8		
PACK-HNTTSN8 (EN 1.4401 Equiv., Sintered)	4 5 6 8		

When ordering HNTT8 without specifying M, HNTT8-8 is selected automatically.

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.

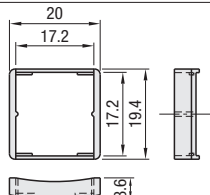
	Characteristics	Loosening Torque after Tightening (1st time)	Remarks
Without Thread Locker	-	17.9N·m	-
Thread Locking Adhesive Type	• Prevents loosening effectively. • Thread locking properties are lost once loosened. • Requires a hardening time for adhesives (72 hours at room temperature 25°C) after tightening.	25.6N·m	Test Conditions: Measured value (HNTTV8-8) when a screw is loosened after drying for 72 hours at room temperature (25 °C), after tightened at 23.5N·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.	21.8N·m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 20.3N·m Measurement with HNTTZ8-8

Pre-Assembly Insertion Stoppers

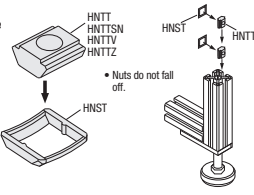
HNST8



RoHS10
Material: Polyamide



Hold Pre-Assembly Insertion Nuts temporarily in the extrusion.



Nuts do not fall off.

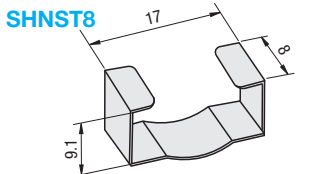
Part Number	Applicable Pre-Assembly Insertion Nut	Color	Unit Price 1 ~ 1500 pc(s)	Ordering Example	Part Number
HNST8	HNTT8 HNTTV8 HNTTZ8 HNTTSN8 HNTTSS8	Black			HNST8

Pre-Assembly Insertion Metal Stoppers

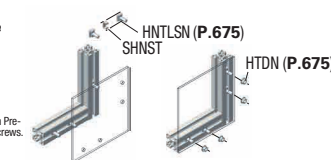
SHNST8



RoHS10
Material: EN 1.4319 Equiv.

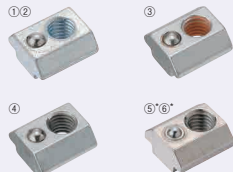


*Can also be used with Pre-Assembly Insertion Screws.



Part Number	Applicable Pre-Assembly Insertion Nut*	Unit Price 1 ~ 1500 pc(s)	Ordering Example	Part Number
SHNST8	HNTT8 HNTTV8 HNTTZ8 HNTTSN8 HNTTSS8			SHNST8

Pre-Assembly Insertion Spring Nuts



RoHS10
* Electrically conductive

Type	Main Body	Ball	Spring	S Surface Treatment
① HNTU8	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate
② PACK-HNTU8				
③ HNTUV8				
④ HNTUZ8				
⑤ SHNTU8*	EN 1.4301 Equiv.	EN 1.4301 Equiv.	SUS304-WP8	-
⑥ PACK-SHNTU8*				

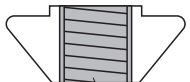
Part Number	M	L1	Unit Price 1 ~ 499 pc(s)	Volume Discount Rate			
HNTU8 (EN 1.0301 Equiv.)	4 5 6 8	6		500~749	750~999	1000~1500	
HNTUV8 (Thread Locking, EN 1.0301 Equiv.)	8						
HNTUZ8 (Thread Locking, EN 1.0301 Equiv.)	4 5 6 8						
SHNTU8 (EN 1.4301 Equiv.)	4 5 6 8		5.5				

Bulk Packages 100 pcs. per package

Part Number	M	L1	Unit Price (1 ~ 10 packages)	
Package Price	Price per Pkg.			
PACK-HNTU8 (EN 1.0301 Equiv.)	4 5 6 8	6		
PACK-SHNTU8 (EN 1.4301 Equiv.)	4 5 6 8	5.5		



Thread Locking Type



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 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	-	17.9N·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.	25.6N·m	Test Conditions: Measured value (HNTTV8-8) when a screw is loosened after drying for 72 hours at room temperature (25 °C), after tightened at 23.5N·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.	21.8N·m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 20.3N·m Measurement with HNTTZ8-8

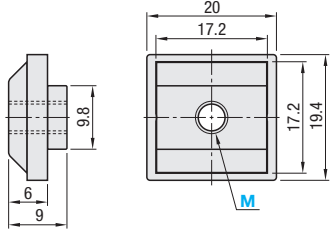
Stopper Integrated Nuts

HNTE8
SHNTE8



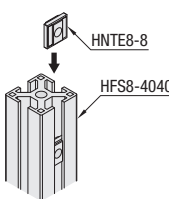
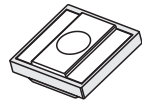
RoHS10

Type	Main Body	Stopper	S Surface Treatment
① HNTE8	EN 1.0301 Equiv.	Polyamide	Trivalent Chromate
② SHNTE8	EN 1.4301 Equiv.		-



Reference Tightening Torque (N·m)	
M	
8	23.5

Part Number	M	Unit Price 1 ~ 499 pc(s)	Volume Discount Rate			
HNTE8	4 5 6 8		500~749	750~999	1000~1500	
SHNTE8	3 4 5 6 8					



Integrated Pre-Assembly Insertion Nuts and Stoppers.

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