

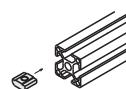
Nuts for Aluminum Extrusions - Overview

For 8 Series (Slot Width 10mm)

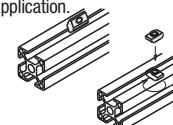
Nuts for Aluminum Extrusions - Overview

MISUMI offers variety of Pre-Assembly or Post-Assembly Insertion Nuts for Aluminum Extrusions. Select an applicable type specific to your application.

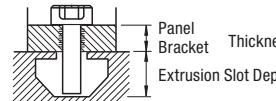
Pre-Assembly Insertion: Insert from the slot ends before assembly.
Large width makes screw tightening easier.



Post-Assembly Insertion: Mountable from slots after assembly.



Type	Photo	Features	Pre-Assembly				Post-Assembly			
			Material	Page	Material	Page	Material	Page	Material	Page
Standard		Most standard and economical products. Can be connected temporarily in combination with optional stoppers.	<input type="radio"/>	<input type="radio"/>	P669	P668	<input type="radio"/>	<input type="radio"/>	P672	P668
Temporary Holding (Ball Spring)		Can be moved in the extrusions smoothly. Temporary holding is repeatedly possible.	<input type="radio"/>	<input type="radio"/>	P670	P668	<input type="radio"/>	<input type="radio"/>	P673	P668
Temporary Holding (Leaf Spring)		Secure temporary holding with springs on both sides.	-	-	-	-	<input type="radio"/>	<input type="radio"/>	P673	P674
Temporary Holding (Resin Stopper)		Resin stopper on outer circumference prevents aluminum extrusions from being scratched when mounting temporarily.	<input type="radio"/>	<input type="radio"/>	P670	-	-	-	-	-
Post-Assembly Rotational		Insert the nut into the extrusion and turn it in the slot. Large nut width prevents unscrewing.	-	-	-	-	<input type="radio"/>	<input type="radio"/>	P672	-
With Lock		Included set screw enables nut fixing. Convenient where panes and covers are removed frequently.	<input type="radio"/>	-	P671	-	<input type="radio"/>	<input type="radio"/>	P674	-
Thread Locking Adhesive Type		Reduces loosening due to vibrations caused by transfer or equipment moves. One-time use and repeated use types are available.	<input type="radio"/>	-	P669, 670	-	<input type="radio"/>	-	P672-674	-
Compact (Short Nuts)		Usable with narrow pitch when multiple nuts are lined in the slots. (Approx. 40% shorter than the standard width)	<input type="radio"/>	-	P671	P671	<input type="radio"/>	-	P674	P674
Square Nuts		Sheet metal type: more economical than standard nuts.	<input type="radio"/>	<input type="radio"/>	-	P671	-	-	-	-
Screw Integrated		Requires less time for screw tightening.	-	<input type="radio"/>	P675	-	-	<input type="radio"/>	P675	-
Long Nut		Workpieces such as Linear Guides are mountable with desired pitches.	<input type="radio"/>	<input type="radio"/>	P676	-	<input type="radio"/>	<input type="radio"/>	P676	-
Offset Nut (Other than 5 Series)		When connecting the extrusions at corners with Pre-Assembly Insertion Double Joint (refer to P663), the nut does not protrude from the extrusion.	-	<input type="radio"/>	P671	-	-	-	-	-
Conductive Washers (Other than 5 Series)		Electrical conductivity between extrusions is achieved by combining with Toothed Washer (P675).	-	<input type="radio"/>	P675	-	-	-	-	-



Aluminum Extrusions and Applicable Screws to Mount Panes/Brackets (Size M - L Dim.)

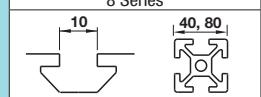
Slot Width	Extrusion Square	Depth h	Applicable Nut HNTT	Panels/Brackets Thickness b (mm) to be mounted on extrusions												
				0.8	1	1.2	1.5	2	3	4	4.5	5	6	8.2	9	
10	40	12.5		8-4		M4-12			M4-15		M4-20		X		M4-25	
				8-5		M5-12			M5-15		M5-20		M5-22		M5-25	
				8-6		M6-12			M6-15		M6-20		M6-25			
				8-8		X			M8-15		M8-20		M8-25			

① "X" means there is no applicable screw. Use one size smaller tapped products.

Nuts for Aluminum Extrusions - Bulk Packages

For 8 Series (Slot Width 10mm)

8 Series



Features: Bulk packages are cost effective for in-house stock or large quantity uses.

Pre-Assembly Insertion Spring Nuts - Pack (100/Pkg.)



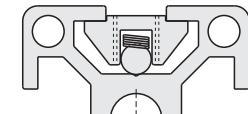
Type	Main Body	M Ball	Material Spring	Surface Treatment
PACK-HNTU	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate
PACK-SHNTU	EN 1.4301 Equiv. (Sintered)	EN 1.4301 Equiv.	WPB Equiv.	-



RoHS 10



- 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.



① 100 pcs. per package

Pre-Assembly Insertion Spring Nuts - Pack (100/Pkg.)

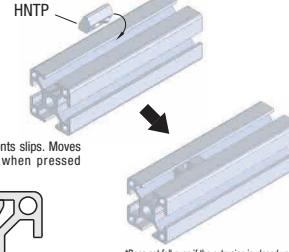


Type	M	Material	Surface Treatment
PACK-HNTT	EN 1.0301 Equiv.	JIS-SWP-A	Trivalent Chromate
PACK-HNTTSN	EN 1.4401 Equiv. (Sintered)		-



RoHS 10

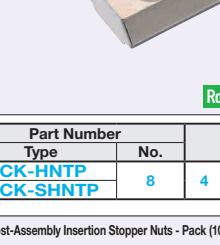
① 100 pcs. per package



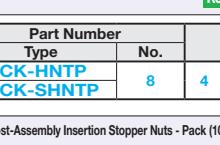
Built-in spring prevents slips. Moves easily in the slot when pressed slightly by hand.

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

Post-Assembly Insertion Spring Nuts - Pack (100/Pkg.)

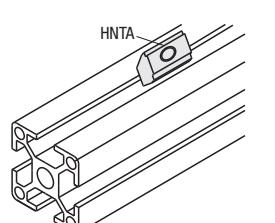


Type	Main Body	M Ball	Material Spring	Surface Treatment
PACK-HNTP	EN 1.0301 Equiv.	EN 1.4301 Equiv.	JIS-SWP-A	Trivalent Chromate
PACK-SHNTP	EN 1.4301 Equiv. (Sintered)	EN 1.4301 Equiv.	WPB Equiv.	-



RoHS 10

① 100 pcs. per package



Stoppers are sold separately. See P672

Post-Assembly Insertion Stopper Nuts - Pack (100/Pkg.)



Type	M	Material	Surface Treatment
PACK-HNTA	EN 1.0301 Equiv.	JIS-SWP-A	Trivalent Chromate
PACK-HNTASN	EN 1.4401 Equiv. (Sintered)	WPB Equiv.	-



RoHS 10

① 100 pcs. per package

Part Number

PACK-HNTP - M



PACK-HNTP - M