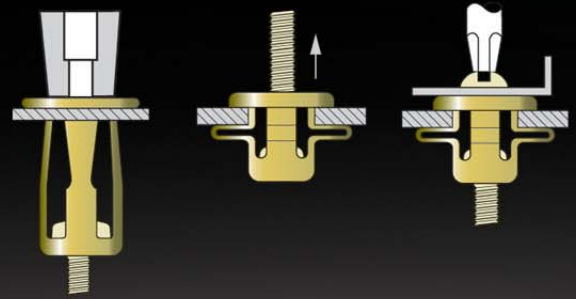


JACK NUT® Inch/Metric Threaded Inserts

JACK NUT®

The JACK NUT is a flat head slotted body blind rivet nut designed to be installed in soft or brittle materials such as plastic, paper, or glass. Its 4 legs expand behind the parent material providing excellent pull out resistance especially in soft materials.

The JACK NUT can be coated with RAINITITE® to seal moisture and hard plastic PVC to prevent scratching and galvanic corrosion. JACK NUT inserts are RoHS compliant.



How To Install:

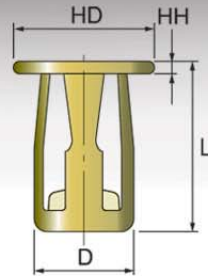
1. Thread JACK NUT Insert onto mandrel of installation tool, then insert all the way into predrilled hole until flange is firmly against mounting surface.
2. Fully collapse insert, then remove installation tool.
3. Pass machine screw through part to be fastened, then tighten until snug.

Specifications

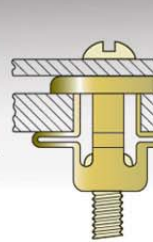
Material: Steel
1010/1008
Zinc w/clear
Trivalent Chromate per
ASTM B633

Thread Class: 2B (in); 6H (mm)

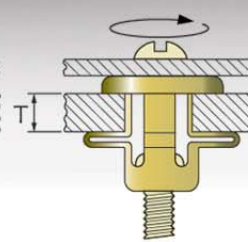
Standard Type



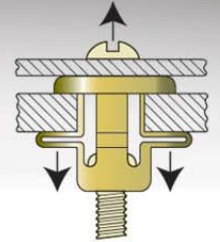
Installed



Torque



Tensile



Dimensions & Specifications

Test Results @ Plate Thickness (T)

Catalog Number	Part Number	Thread Size	Body Diameter	Hole Size min-max D	Grip Range min-max	Length nom L	Head Height HH	Head Diameter HD	Plate Thickness in	Tightening Torque in-lb	Ultimate Tensile lb
STEEL (INCH)											
4SJN	310000	6-32	0.308	0.318 - 0.330	0.015 - 0.187	0.663	0.073	0.469	0.031	12	334
4LJN	310010	6-32	0.308	0.318 - 0.330	0.187 - 0.375	0.900	0.073	0.480	0.187	12	433
6SJN	310020	10-24	0.378	0.382 - 0.400	0.015 - 0.187	0.703	0.073	0.531	0.187	12	444
6LJN	310030	10-24	0.378	0.382 - 0.400	0.187 - 0.375	0.875	0.073	0.531	0.375	12	386
8SJN	310040	1/4-20	0.438	0.438 - 0.450	0.015 - 0.187	0.718	0.073	0.625	0.031	20	427
8LJN	310050	1/4-20	0.438	0.438 - 0.450	0.187 - 0.375	0.906	0.073	0.625	0.187	20	640
4SBJN*	310100	6-32	0.308	0.318 - 0.330	0.015 - 0.187	0.663	0.073	0.469	0.187	20	692
6SBJN*	310120	10-24	0.378	0.382 - 0.400	0.015 - 0.187	0.703	0.073	0.531	0.375	20	554
8SBJN*	310140	1/4-20	0.438	0.438 - 0.450	0.015 - 0.187	0.718	0.073	0.625	0.031	30	482
8LBJN*	310150	1/4-20	0.438	0.438 - 0.450	0.187 - 0.375	0.906	0.073	0.625	0.187	30	820
									0.375	30	906
									0.375	30	806
BRASS (INCH)											
4SJN	310512	M4 x 0.7	7.82	8.08 - 8.38	.381 - 4.75	16.84	1.85	11.91	0.79	1.36	1437
4LJN	310516	M4 x 0.7	7.82	8.08 - 8.38	4.75 - 9.53	22.86	1.80	12.19	4.75	1.36	1552
6SJN	310504	M5 x 0.8	9.60	9.70 - 10.16	.381 - 4.75	17.86	1.85	13.49	4.75	1.36	2086
6LJN	310506	M5 x 0.8	9.60	9.70 - 10.16	4.75 - 9.53	22.23	1.85	13.49	9.53	1.36	1966
8SJN	310508	M6 x 1.0	11.13	11.13 - 11.43	.381 - 4.75	18.24	1.85	15.88	0.79	2.26	1668
8LJN	310510	M6 x 1.0	11.13	11.13 - 11.43	4.75 - 9.53	23.01	1.85	15.88	4.75	2.26	2873
4SBJN*	310134	M4 x .7	7.82	8.08 - 8.38	.381 - 4.75	16.84	1.85	11.91	4.75	2.26	3127
6SBJN*	310126	M5 x .8	9.60	9.70 - 10.16	.381 - 4.75	17.86	1.85	13.49	9.53	2.26	3198
8SBJN*	310143	M6 x 1.0	11.13	11.13 - 11.43	.381 - 4.75	18.24	1.85	15.88	0.79	3.39	2277
8LBJN*	310146	M6 x 1.0	11.13	11.13 - 11.43	4.75 - 9.53	23.01	1.85	15.88	4.75	3.39	4715
									9.53	3.39	3923
									9.53	3.39	4243
BRASS (METRIC)											
4SBJN*	310134	M4 x .7	7.82	8.08 - 8.38	.381 - 4.75	16.84	1.85	11.91	0.79	**	**
6SBJN*	310126	M5 x .8	9.60	9.70 - 10.16	.381 - 4.75	17.86	1.85	13.49	4.75	**	**
8SBJN*	310143	M6 x 1.0	11.13	11.13 - 11.43	.381 - 4.75	18.24	1.85	15.88	0.79	**	**
8LBJN*	310146	M6 x 1.0	11.13	11.13 - 11.43	4.75 - 9.53	23.01	1.85	15.88	4.75	**	**
									9.53	**	**

*Requires 25,000 minimum **Refer to Factory Note: Also available in Raintite® or PVC coating

JACK NUT® Installation Tools



JNT7530/7529 JACK NUT® Pneumatic Tools

For the high volume setting of all JACK NUT inserts, these torque adjustable tools set the inserts by rotation automatically compensating for material thickness variations. Reverses for removal.

Part Number	JNT7530	JNT7529
Weight	1.7 lb (0.77 kg)	2.0 lb (0.91 kg)
Dimensions	8 x 6.5 x 1.5 in (203.2 x 165.1 x 38.1 mm)	9 x 6.5 x 1.5 in (228.6 x 165.1 x 38.1 mm)
Air Pressure	90 psi (6.2 bar)	90 psi (6.2 bar)
Speed (rpm)	2300	750
Torque	15 in-lbs (1.69 N-m)	50 in-lbs (5.65 N-m)

Mandrel Selection	
Thread Size	Mandrel
6-32	JNT7500-632
10-24	JNT7500-1024
1/4-20	JNT7500-1420
M4	JNT7500-M4
M5	JNT7500-M5
M6	JNT7500-M6



JNT2400 JACK NUT® Heavy Duty Hand Tool

Rugged steel tool uses interchangeable mandrels to set all sizes. Low grip effort is required and proper stroke is preset for positive setting without overtightening.

Part Number	JNT2400
Weight	1.0 lb (0.45 kg)
Dimensions	8.75 x 4.125 x 1.0 in (222.3 x 108 x 25.4 mm)

Mandrel Selection	
Thread Size	Mandrel
6-32	JNT2400-632
10-24	JNT2400-1024
1/4-20	JNT2400-1420
M4	JNT2400-M4
M5	JNT2400-M5
M6	JNT2400-M6



JNT2200 JACK NUT® Hand Tool

An economical, easy to use tool for low volume installation in any material. Thread mandrel into JACK NUT, insert into hole, and squeeze handles to set. Interchangeable mandrels available to set all sizes.

Part Number	JNT2200
Weight	0.5 lb (0.23 kg)
Dimensions	8.5 x 2.75 x .75 in (215.9 x 69.6 x 19.1 mm)

Mandrel Selection	
Thread Size	Mandrel
6-32	JNT2200-632
10-24	JNT2200-1024
1/4-20	JNT2200-1420
M4	JNT2200-M4
M5	JNT2200-M5
M6	JNT2200-M6



JNT1100 JACK NUT® Friction Wrench Tool

For use when installing a limited number of JACK NUTS. Insert the wrench between the screw and the head of the fastener. Hold the wrench and run the screw to set the JACK NUT.

Part Number	JNT1100
Weight	0.4 oz (11.34 g)
Dimensions	4 x .625 x .063 in (101.6 x 15.9 x 1.6 mm)