

TECHNICAL DATA

Quick Nuts Specifications

Torque and Tensile Specifications: Unlike the standard threaded nut, it is unnecessary to tighten the Quick Nut with any great amount of torque. It is recommended that the given tables be followed, as excessive torque will result in the collapse of the arched prongs and reduce the locking ability of the fastener.

For use with Machine Screws

Screw Size	Recommended Installation Torque	Tensile Load Limit
4-36	3in.-lbs	100 lbs
4-40	3 in.-lbs	100 lbs
6-32	5 in.-lbs	150 lbs
8-32	7 in.-lbs	250 lbs
18-24	12 in.-lbs	350 lbs
3/16-24	12 in.-lbs	350 lbs
1/4-20	30 in.-lbs	600 lbs
5/16-18	30 in.-lbs	1000 lbs

For use with Sheet Metal Screws

Screw Size	Recommended Installation Torque	Tensile Load Limit
4A&B	9in.-lbs	300 lbs
6A&B	11 in.-lbs	400 lbs
8A&B	17 in.-lbs	600 lbs
10A&B	31 in.-lbs	800 lbs
12A&B	34 in.-lbs	900 lbs
14A&B	48 in.-lbs	1150 lbs
5/16B	16 ft.-lbs	1200 lbs
3/8B	19 ft.-lbs	2500 lbs

Screw Lengths: For maximum locking effectiveness the following should be adhered to:

Machine Screws

A minimum of 1-1/2 threads should protrude beyond the prongs of the Quick Nut.

Sheet Metal Screws (Type A or B)

A minimum of two to three threads should protrude beyond the prongs of the Quick Nut to insure that the grip is to the full root diameter of the screw.

