

TECHNICAL DATA SHEET - INTERACTIVE PDF

Locknuts

Liquid-Tight Fittings Accessories

T&B Liquidtight Systems[®]



01

02

01 Locknut
02 Bonding locknut

Features & Benefits:

- Locknuts are available in steel, malleable iron, aluminum and stainless steel.
- Offset teeth design helps provide extended reach for clamping onto thin boxes and enclosures
- Offset teeth design cuts through protective coatings on enclosures to help ensure ground continuity
- Bonding locknut version is designed to ensure ground continuity of conduit to box or enclosure and prevent loosening due to vibration
- ½" and ¾" steel locknuts are case hardened for faster and easier installation.

Applications:

- Effectively bond conduit or connector to box or enclosure
- Bonding locknuts can be used anywhere ordinary locknuts are installed
- Bonding locknut can be used for service entry applications in conformance with national and local electrical code.

Material

- Steel
 - 100 & 140 series: ¼" through 2"
 - All screws (with exception to 140AL series)
- Malleable iron
 - 100 & 140 series: 2 ½" though 4"
- Copper free aluminum
 - 140AL screws series: ½" through 4"
 - All screws for 140AL series only
- Stainless steel 316
 - 100SS6 series: ½" through 4"
- Stainless steel 304
 - 140SST series ½" through 2"

UL listed locknuts securely bond conduit, connectors, and liquid-tight fittings to a box or enclosure.

Certifications / Standards:



3-Part Specification

End User Tools

Conforms to:

- UL 514B
 - 140 Series UL File: E23018
 - 100 Series UL File: E3060
- CSA C22.2 No.18
 - 140 Series CSA File: 2884
 - 100 Series CSA File: 638
- Stainless steel 316 locknuts are cULus listed only
 - UL File: E23018

Finishes:

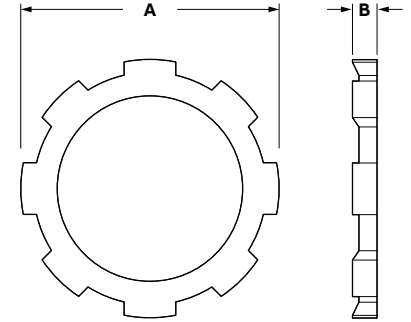
- Electro-plated
 - Steel locknuts
 - Malleable iron locknuts
- Electropolished
 - 100SS6 series locknut
- Vapor degreased
 - Aluminum locknuts
- Case hardened steel
 - Part numbers 141 & 142-TB

Locknuts

Product selection and Approximate Dimensions

Part no. Steel/ M.I.	Part no. Aluminum	Part no. S.S. 304	NPT Thread size (inches)	A (inches)	B (inches)
139*	-	-	1/4	3/4	9/64
140*	-	-	3/8	1 5/16	9/64
141	141AL	141SST	1/2	1 7/64	5/32
142-TB	142AL	142SST	3/4	1 3/8	3/16
143	143AL	143-SST	1	1 11/16	13/64
144	144AL	144-SST	1 1/4	2 5/32	13/64
146	145AL	145-SST	1 1/2	2 1/2	13/64
146-TB	146AL	146-SST	2	3	7/32
147	147AL	-	2 1/2	3 9/16	13/32
148	148AL	-	3	4 3/16	13/32
149	149AL	-	3 1/2	4 13/16	15/32
150	150AL	-	4	5 7/16	15/32
151	151AL	-	4 1/2	5 15/16	17/32
152	152AL	-	5	6 1/2	17/32
153	153AL	-	6	7 3/4	19/32

Note: Product must be installed in accordance with applicable national and local electrical codes.
Aluminum locknuts comply with federal standard of copper-free aluminum; less than 0.5% copper
*Hex shape



Bonding Locknuts

Product selection and Approximate Dimensions

Part no. Steel/ M.I.	Part no. S.S 316	NPT Thread size (inches)	A (inches)	B (inches)
106*	106SS6	1/2	1 3/8	1/8
107*	107SS6	3/4	1 5/8	9/64
108	108SS6	1	1 15/16	11/64
109	109SS6	1 1/4	2 5/32	11/64
110	110SS6	1 1/2	2 1/2	11/64
111	111SS6	2	3	3/16
112*	112SS6	2 1/2	3 13/32	3/8
113-TB*	113SS6	3	4 13/16	3/8
114*	114SS6	3 1/2	4 19/32	7/16
115	115SS6	4	5 7/32	7/16

Note: Product must be installed in accordance with applicable national and local electrical codes.
*Not CSA Certified

