



Grounding Locknuts

CMP Products' Grounding locknuts for use with cable glands, conduit fittings, tubing (EMT) fittings and conduit as a means of reliably and safely bonding the locknut (and gland) to the enclosure or equipment.

Providing electrical continuity and tested to the requirements of CEC and NEC wiring codes CMP's grounding locknuts reduce the chance of equipment failure, downtime, power interruptions and eliminate potential safety issues.

Grounding locknuts available with either a grounding terminal or lay-in lug and are available in stainless steel (GRLN4), aluminum (GRLN1) and nickel plated brass (GRLN5), e.g 20GRLN4 for M20 Stainless Steel Grounding Locknut.

NPT grounding locknuts are supplied as standard in aluminum and Metric in nickel plated brass.

Standard - Small Lay-in Lug - 14-4 AWG
Optional - Medium Lay-in Lug - 14-2/0 AWG
Optional - Large Lay-in Lug - 6-250 AWG

AWG - American wire gauge



Grounding Terminal

Angled Lay-in-Lug

cCSAus Certificate 2450309

Code of Protection Class I Zone 1 AExe II, Exe II

CLASS Catagories

C441404 Grounding and Bonding Devices

C441484 Grounding and Bonding Devices - Certified to US Standards

C909801 Miscellaneous - For Hazardous Locations

C909881 Miscellaneous - For Hazardous Locations - Certified to US Standards

NPT GROUNDING LOCKNUTS

Ordering Reference Aluminum with Angled Lay-in Lug			Thread Diameter NPT	Minimum Thickness 14-4 & 14-2/0 Lug	Minimum Thickness 6-250 Lug	Across Flats Dimension	Across Corners Diameter
Standard 14-4 AWG	Optional 14-2/0 AWG	Optional 6-250 AWG*					
050NPTGRLN1-4A	-	-	1/2"NPT	0.48	-	1.20	1.32
075NPTGRLN1-4A	-	-	3/4"NPT	0.48	-	1.48	1.63
100NPTGRLN1-4A	100NPTGRLN1-10A	-	1"NPT	0.48	-	1.81	1.99
125NPTGRLN1-4A	125NPTGRLN1-10A	-	1 1/4"NPT	0.48	-	2.05	2.25
150NPTGRLN1-4A	150NPTGRLN1-10A	-	1 1/2"NPT	0.48	-	2.36	2.60
200NPTGRLN1-4A	200NPTGRLN1-10A	-	2"NPT	0.48	-	2.76	3.03
250NPTGRLN1-4A	250NPTGRLN1-10A	250NPTGRLN1-25	2 1/2"NPT	0.48	0.68	3.54	3.90
300NPTGRLN1-4A	300NPTGRLN1-10A	300NPTGRLN1-25	3"NPT	0.48	0.68	4.33	4.76
350NPTGRLN1-4A	350NPTGRLN1-10A	350NPTGRLN1-25	3 1/2"NPT	0.48	0.68	4.84	5.33
400NPTGRLN1-4A	400NPTGRLN1-10A	400NPTGRLN1-25	4"NPT	0.48	0.68	5.24	5.76

Dimensions shown are in inches unless otherwise stated

Grounding Locknuts with Lay-in-Lug are available in Nickel Plated Brass & Stainless Steel.

Lay-in-Lug will always be Aluminum regardless of locknut material.

Lay-in-Lug may be angled or straight design, remove 'A' suffix from order reference for straight design.

*No angled design available for 6-250 AWG

METRIC GROUNDING LOCKNUTS

Ordering Reference with Grounding Terminal		Thread Diameter Metric	Minimum Thickness	Across Flats Dimension	Across Corners Diameter
Standard Nickel Plated Brass	Optional Stainless Steel				
20GRLN5	20GRLN4	M20	0.48	1.20	1.32
25GRLN5	25GRLN4	M25	0.48	1.48	1.63
32GRLN5	32GRLN4	M32	0.48	1.81	1.99
40GRLN5	40GRLN4	M40	0.48	2.05	2.25
50GRLN5	50GRLN4	M50	0.48	2.36	2.60
63GRLN5	63GRLN4	M63	0.48	2.76	3.03
75GRLN5	75GRLN4	M75	0.48	3.54	3.90
90GRLN5	90GRLN4	M90	0.48	4.33	4.76
100GRLN5	100GRLN4	M100	0.48	4.84	5.33
115GRLN5	115GRLN4	M115	0.48	5.24	5.76

Dimensions shown are in inches unless otherwise stated

Grounding Terminal will always be Stainless Steel regardless of locknut material.

Grounding Terminal is suitable for wire sizes 0.5mm² to 2.5mm².