

GROUNDING LOCKNUTS NPT

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 are 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 050NPTGRNL4 for ½" stainless steel grounding locknut.

Grounding locknuts are supplied as standard in aluminum or nickel plated brass. Hammer and screwdriver installation grooves only on aluminum design (as pictured).

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



cCSAus CERTIFICATE	2450309
CODE OF PROTECTION	Class I Zone 1 AExe II, Exe II
CLASS CATEGORIES	
C41404	Grounding and Bonding Devices
C41484	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 WITH LAY-IN LUG

ORDERING REFERENCE WITH ANGLED LAY-IN LUG				ORDERING REFERENCE WITH ANGLED LAY-IN LUG		THREAD DIAMETER NPT	MINIMUM LOCKNUT THICKNESS 14-4 & 14-2/0 LUG	MINIMUM LOCKNUT THICKNESS 6-250 LUG	ACROSS FLATS DIMENSION	ACROSS CORNERS DIAMETER
STANDARD 14-4 AWG		OPTIONAL 14-2/0 AWG		OPTIONAL 6-250 AWG*						
ALUMINUM	NICKEL PLATED BRASS	ALUMINUM	NICKEL PLATED BRASS	ALUMINUM	NICKEL PLATED BRASS					
050NPTGRLN1-4A	050NPTGRLN5-4A	-	-	-	-	½"	0.48	-	1.20	1.32
075NPTGRLN1-4A	075NPTGRLN5-4A	-	-	-	-	¾"	0.48	-	1.48	1.63
100NPTGRLN1-4A	100NPTGRLN5-4A	100NPTGRLN1-10A	100NPTGRLN5-10A	-	-	1"	0.48	-	1.81	1.99
125NPTGRLN1-4A	125NPTGRLN5-4A	125NPTGRLN1-10A	125NPTGRLN5-10A	-	-	1 ¼"	0.48	-	2.05	2.25
150NPTGRLN1-4A	150NPTGRLN5-4A	150NPTGRLN1-10A	150NPTGRLN5-10A	-	-	1 ½"	0.48	-	2.36	2.60
200NPTGRLN1-4A	200NPTGRLN5-4A	200NPTGRLN1-10A	200NPTGRLN5-10A	-	-	2"	0.48	-	2.76	3.03
250NPTGRLN1-4A	250NPTGRLN5-4A	250NPTGRLN1-10A	250NPTGRLN5-10A	250NPTGRLN1-25	250NPTGRLN5-25	2 ½"	0.48	0.68	3.54	3.90
300NPTGRLN1-4A	300NPTGRLN5-4A	300NPTGRLN1-10A	300NPTGRLN5-10A	300NPTGRLN1-25	300NPTGRLN5-25	3"	0.48	0.68	4.33	4.76
350NPTGRLN1-4A	350NPTGRLN5-4A	350NPTGRLN1-10A	350NPTGRLN5-10A	350NPTGRLN1-25	350NPTGRLN5-25	3 ½"	0.48	0.68	4.84	5.33
400NPTGRLN1-4A	400NPTGRLN5-4A	400NPTGRLN1-10A	400NPTGRLN5-10A	400NPTGRLN1-25	400NPTGRLN5-25	4"	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 aluminum, nickel plated brass & stainless steel (not shown). 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. *Only the straight lay-in-lug design is available for 6-250 AWG.

NPT GROUNDING LOCKNUTS WITH GROUNDING TERMINAL

ORDERING REFERENCE WITH GROUNDING TERMINAL			THREAD DIAMETER NPT	MINIMUM THICKNESS	ACROSS FLATS DIMENSION	ACROSS CORNERS DIAMETER
STANDARD NICKEL PLATED BRASS	OPTIONAL STAINLESS STEEL	OPTIONAL ALUMINUM				
050NPTGRLN5	050NPTGRLN4	050NPTGRLN1	½"	0.48	1.20	1.32
075NPT5GRLN5	075NPT5GRLN4	075NPT5GRLN1	¾"	0.48	1.48	1.63
100NPTGRLN5	100NPTGRLN4	100NPTGRLN1	1"	0.48	1.81	1.99
125NPTGRLN5	125NPTGRLN4	125NPTGRLN1	1 ¼"	0.48	2.05	2.25
150NPTGRLN5	150NPTGRLN4	150NPTGRLN1	1 ½"	0.48	2.36	2.60
200NPTGRLN5	200NPTGRLN4	200NPTGRLN1	2"	0.48	2.76	3.03
250NPTGRLN5	250NPTGRLN4	250NPTGRLN1	2 ½"	0.48	3.54	3.90
300NPTGRLN5	300NPTGRLN4	300NPTGRLN1	3"	0.48	4.33	4.76
350NPTGRLN5	350NPTGRLN4	350NPTGRLN1	3 ½"	0.48	4.84	5.33
400NPTGRLN5	400NPTGRLN4	400NPTGRLN1	4"	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.

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary, please see supplementary technical data sheet.