

GROUNDING LOCKNUTS METRIC

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 20GRLN4 for M20 stainless steel grounding locknut.

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

GROUNDING LOCKNUTS WITH LAY-IN LUG

ORDERING REFERENCE WITH ANGLED LAY-IN LUG				ORDERING REFERENCE WITH STRAIGHT LAY-IN LUG		THREAD DIAMETER METRIC	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					
20GRLN1-4A	20GRLN5-4A	-	-	-	-	M20	0.48	-	1.20	1.32
25GRLN1-4A	25GRLN5-4A	-	-	-	-	M25	0.48	-	1.48	1.63
32GRLN1-4A	32GRLN5-4A	32GRLN1-10A	32GRLN5-10A	-	-	M32	0.48	-	1.81	1.99
40GRLN1-4A	40GRLN5-4A	40GRLN1-10A	40GRLN5-10A	-	-	M40	0.48	-	2.05	2.25
50GRLN1-4A	50GRLN5-4A	50GRLN1-10A	50GRLN5-10A	-	-	M50	0.48	-	2.36	2.60
63GRLN1-4A	63GRLN5-4A	63GRLN1-10A	63GRLN5-10A	-	-	M63	0.48	-	2.76	3.03
75GRLN1-4A	75GRLN5-4A	75GRLN1-10A	75GRLN5-10A	75GRLN1-25	75GRLN5-25	M75	0.48	0.68	3.54	3.90
90GRLN1-4A	90GRLN5-4A	90GRLN1-10A	90GRLN5-10A	90GRLN1-25	90GRLN5-25	M90	0.48	0.68	4.33	4.76
100GRLN1-4A	100GRLN5-4A	100GRLN1-10A	100GRLN5-10A	100GRLN1-25	100GRLN5-25	M100	0.48	0.68	4.84	5.33
115GRLN1-4A	115GRLN5-4A	115GRLN1-10A	115GRLN5-10A	115GRLN1-25	115GRLN5-25	M115	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.

GROUNDING LOCKNUTS WITH GROUNDING TERMINAL

ORDERING REFERENCE WITH GROUNDING TERMINAL			THREAD DIAMETER METRIC	MINIMUM THICKNESS	ACROSS FLATS DIMENSION	ACROSS CORNERS DIAMETER
STANDARD NICKEL PLATED BRASS	OPTIONAL STAINLESS STEEL	OPTIONAL ALUMINUM				
20GRLN5	20GRLN4	20GRLN1	M20	0.48	1.20	1.32
25GRLN5	25GRLN4	25GRLN1	M25	0.48	1.48	1.63
32GRLN5	32GRLN4	32GRLN1	M32	0.48	1.81	1.99
40GRLN5	40GRLN4	40GRLN1	M40	0.48	2.05	2.25
50GRLN5	50GRLN4	50GRLN1	M50	0.48	2.36	2.60
63GRLN5	63GRLN4	63GRLN1	M63	0.48	2.76	3.03
75GRLN5	75GRLN4	75GRLN1	M75	0.48	3.54	3.90
90GRLN5	90GRLN4	90GRLN1	M90	0.48	4.33	4.76
100GRLN5	100GRLN4	100GRLN1	M100	0.48	4.84	5.33
115GRLN5	115GRLN4	115GRLN1	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.