



## Data Sheet – EarthingNuts™

### Product description

Brass EarthingNuts™ are a convenient way of terminating armoured cable glands. By eliminating drilling for earth bolts, the enclosure IP rating is retained.

### Features:

- Unique cutting teeth bite into the box wall so that the gland can be tightened with one tool from the outside.
- These teeth also provide a voltage equalising connection to metal enclosures, scraping off paint and easily maintaining EMI Shielding.
- A direct high integrity protective earth connection is easily made to the gland on both metallic and non-metallic enclosures.
- Simplified one-tool-per-stage fitment helps installers complete jobs quicker, with less chance of injury or damage to existing cables.
- Kit includes connection screws/bolts, washers, and grub screws to easily secure the cable lug to the gland ensuring durable earth continuity, even if the gland is pulled from the enclosure.
- Designed to resist vibration when correctly fitted.



### Technical Data

SWA EarthingNuts™ have been type tested to section 10.4.2 of BS EN 50262 which equates to, and is superseded by, section 10.3.2 of BS EN 62444:2013. The short circuit withstand tests were carried out in the UK by ERA Technology.

TEST CATEGORIES	BS EN 62444 Clause	CLASSIFICATION	TEST	RESULT
Short circuit test	10.3.2	Cat. B	One second type test from 3.06 to 10.4 kA rms	PASS
COMPOSITION	MATERIAL			
Main body	Brass	BS EN 12164		
Fixings	BZP (Bright Zinc Plated)	ROHS Compliant		

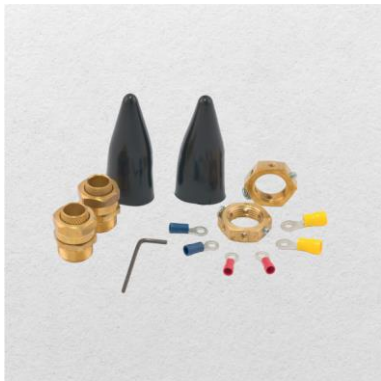
EarthingNuts™ are protected by granted patents in the UK and Ireland (No. EP1790053), along with other countries.

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PRODUCT CODE	DESCRIPTION	PACK QUANTITY
BELN20-PK2	Earthing Nut Thread Size 20mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	2
BELN20-PK10	Earthing Nut Thread Size 20mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	10
BELN25-PK2	Earthing Nut Thread Size 25mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	2
BELN25-PK10	Earthing Nut Thread Size 25mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	10
BELN32-PK2	Earthing Nut Thread Size 32mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	2
BELN40-PK1	Earthing Nut Thread Size 40mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	1
BELN50-PK1	Earthing Nut Thread Size 50mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	1
BELN63-PK1	Earthing Nut Thread Size 63mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	1
BELN75-PK1	Earthing Nut Thread Size 75mm supplied with Grub Screw(s), Connecting Bolt & Allen Key	1



EarthingNuts™ can also be purchased as part of a “Taurus” gland pack.

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