



Locknuts

Brass, Nickel Plated Brass, Steel & Aluminium

FOR SECURING EXTERNAL THREADS INTO NON-THREADED EQUIPMENT

- Brass, Nickel Plated Brass, Galvanized Steel & Aluminium designs
- Nickel Plated Brass backnuts should be used with Nickel plated Glands
- Brass backnuts recommended for most corrosive environments
- Aluminium backnuts should be used with aluminium glands
- Steel locknuts are primarily for dry, low humidity environments

Specifications

Design Reference				Thread Size		Dimensions mm		
Brass	Brass + nickel plated	Steel	Aluminium	ISO mm	NPT	Thickness	A/F	A/C
429AA-51	429AA-51V	439AA-51	459AA-51	16		3.4	22.0	24.7
429AA-53	429AA-53V	439AA-53	459AA-53	20		3.4	22.5	25.5
429AA-55	429AA-55V	439AA-55	459AA-55	25		3.4	32.0	35.8
429AA-56	429AA-56V	439AA-56	459AA-56	32		3.4	41.0	45.2
429AA-57	429AA-57V	439AA-57	459AA-57	40		4.2	50.0	56.7
429AA-59	429AA-59V	439AA-59	459AA-59	50		4.2	60.0	65.7
429AA-61	429AA-61V	439AA-61	459AA-61	63		6.6	75.0	82.7
429AA-63	429AA-63V	439AA-63	459AA-63	75		9.2	85.0	94.7
429AA-64	429AA-64V	439AA-64	459AA-64	85		9.2	98.0	108.5
429AA-65	429AA-65V			90		9.4	104.9	115.6
429AA-66	429AA-66V			100		9.4	113.8	125.6
429AA-67	429AA-67V			110		13.5	Ø 132.5	
429NP-02	429NP-02V		459NP-02		½"	6.8	27.9	
429NP-03	429NP-03V		459NP-03		¾"	6.8	37.6	
429NP-04	429NP-04V		459NP-04		1"	6.8	47.2	
429NP-05	429NP-05V		459NP-05		1 ¼"	6.8	47.2	
429NP-06	429NP-06V		459NP-06		1 ½"	6.8	56.0	
429NP-07	429NP-07V		459NP-07		2"	6.8	70.1	
429NP-08	429NP-08V		459NP-08		2 ½"	9.5	80.0	
429NP-09	429NP-09V		459NP-09		3"	9.5	110.0	
429NP-10	429NP-10V		459NP-10		3 ½"	9.5	115.0	

Insulated Adaptors Ex d

Insulated adaptors provide a method of insulating cable glands from the equipment to which they are fixed. They are used where the enclosure is not relied upon for bonding the cable to the earth, for example:

- To prevent the heating effects of circulating currents.
- To segregate low voltage and high voltage earth fault paths.

Impact Resistance:	7 Joules
Ambient Temperature:	-50°C to + 85°C
Thread Form:	Metric
Material:	Brass
Insulator:	30% glass filled nylon 12
Certified:	Exd IIC for hazardous area applications

ELECTRICAL PROPERTIES OF INSULATING MATERIAL

Dielectrical strength:	90 kV/mm
Volume resistivity:	8.6 x 10 ¹⁴ ohms/cm
Min thickness of insulator:	5mm +/- 1mm
2kV 'Wet withstand' tested	

Specifications

Design Reference	Equipment Entry Thread Diam (Male)	Gland Entry Thread Diam (Female)	Total Length	Male Thread Length	Female Thread Length	Bore Diam
481AA-53	M20	M20	54	16	17	13.5
481AA-55	M25	M25	54	16	17	19
481AA-56	M32	M32	54	16	17	25
481AA-57	M40	M40	54	16	17	30
481AA-59	M50	M50	54	16	17	40.5
481AA-61	M63	M63	54	16	17	53
481AA-63	M75	M75	54	16	17	65
481AA-64	M85 x 2.0	M85 x 2.0	63	20	22	75