

## Peppers Cable Glands Limited

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## Installation Accessories

A complete range of locknuts, earthtags, IP washers, serrated washers and shrouds.



### LOCKNUTS

Locknuts are recommended for securing external entry threads into equipment. They are available in various materials such as brass, plated brass, stainless steel, aluminium and nylon.

Order Code	Example
Brass	ACBLN/M20
Brass Nickel Plated	ACBLN/NP/M20
Stainless Steel	ACSLN/M20
Aluminium	ACALN/M20
Nylon	ACNLN/M20



Note: • Dimensions shown are only applicable to metallic locknuts  
 • Alternate thread pitches are available

ISO Thread Dia	Minimum Thickness	Minimum A/F	Minimum A/C	Weight (Kgs/100)	NPT Thread Dia	Minimum Thickness	Minimum A/F	Minimum A/C
M16 x 1.5	4.0	22.0	24.2	0.772	1/2"	3.2	27.0	29.7
M20 x 1.5	4.0	24.0	26.4	0.683	3/4"	4.0	30.5	33.5
M25 x 1.5	4.0	30.0	33.0	1.027	1"	5.0	38.1	41.9
M32 x 1.5	4.0	40.0	44.0	2.020	1-1/4"	5.5	50.0	55.0
M40 x 1.5	4.5	50.0	55.0	3.435	1-1/2"	6.0	60.0	66.0
M50 x 1.5	5.0	65.0	71.5	6.997	2"	7.0	75.0	82.5
M63 x 1.5	6.5	75.0	82.5	9.369	2-1/2"	9.0	90.0	99.0
M75 x 1.5	7.0	90.0	99.0	14.871	3"	9.0	104.8	115.3
M80 x 2	9.0	90.0	99.0	15.140	3-1/2"	10.0	114.3	125.7
M85 x 2	9.0	104.8	115.3	27.518	4"	10.0	140.0	152.4
M90 x 2	9.0	104.8	115.3	23.256	Sizes M110 to M130, PG7 to PG48 and BSPP / BSPT are available upon request			
M100 x 2	9.0	114.3	125.7	25.256				

All dimensions in mm - Weights are based on metric versions

### EARTH TAGS

Earth tags are recommended for providing an earth bond connection for an entry component into the equipment. Earth tags are available in brass, plated brass, stainless steel and aluminium.

Order Code	Example
Brass	ACBET/M20
Brass Nickel Plated	ACBET/NP/M20
Stainless Steel	ACSET/M20
Aluminium	ACAET/M20



Peppers Earth tags are compliant with the Category B requirements of EN 50262: 1999

ISO Thread Dia	Minimum Thickness	Nominal Centres	Bolt Hole Dia	Weight (Kgs/100)	NPT Thread Dia	Minimum Thickness	Nominal Centres	Bolt Hole Dia
M16	1.5	31.8	6.9	0.746	1/2"	1.5	33.0	6.9
M20	1.5	33.0	6.9	0.672	3/4"	1.5	36.5	6.9
M25	1.5	36.5	6.9	0.797	1"	1.5	42.5	11.8
M32	1.5	42.5	11.8	1.476	1-1/4"	1.5	45.4	13.5
M40	1.5	45.4	13.5	2.089	1-1/2"	1.5	58.1	13.5
M50	1.5	58.1	13.5	3.729	2"	1.5	66.8	13.5
M63	1.5	66.8	13.5	4.898	2-1/2"	1.5	73.0	13.5
M75	1.5	73.0	13.5	5.220	3"	1.5	90.0	13.5
M80	1.5	73.0	13.5	4.647	3-1/2"	1.5	112.0	13.5
M85	1.5	90.0	13.5	7.658	4"	1.5	120.0	13.5
M90	1.5	90.0	13.5	6.669	Sizes M110 to M130, PG7 to PG48 and BSPP / BSPT are available upon request			
M100	1.5	112.0	13.5	10.305				

All dimensions in mm - Weights are based on metric versions

### IP WASHERS

In order to maintain the integrity of an enclosure greater than IP54, washers are recommended to be installed at the gland entry interface.

Order Code	Example	Temperature
Fibre	ACFSW/M20	-40°C to +95°C
Nylon	ACNSW/M20	-40°C to +135°C
PTFE	ACPSW/M20	-200°C to +260°C



Colour	Metric	NPT
Fibre	Metric = Red	NPT = Red
Nylon	Metric = Red	NPT = White
PTFE	Metric = White	NPT = White

ISO Thread Dia	Thickness Nylon	Thickness Fibre	Outside Diameter	Weight (Kgs/100)	NPT Thread Dia	Thickness Nylon	Thickness Fibre	Outside Diameter
M16	2.00	1.50	25.0	0.116	1/2"	2.0	1.50	30.0
M20	2.00	1.50	29.4	0.164	3/4"	2.0	1.50	38.0
M25	2.00	1.50	38.1	0.257	1"	2.0	1.50	46.3
M32	2.00	1.50	42.5	0.341	1-1/4"	2.0	1.50	55.5
M40	2.00	1.50	52.0	0.386	1-1/2"	2.0	1.50	60.0
M50	2.00	1.50	65.0	0.594	2"	2.0	1.50	79.4
M63	2.00	1.50	79.4	0.794	2-1/2"	2.0	1.50	90.5
M75	2.00	1.50	90.5	0.868	3"	2.0	1.50	114.3
M80	2.00	1.50	104.8	0.839	3-1/2"	2.0	1.50	114.3
M85	2.00	1.50	104.8	0.698	4"	2.0	1.50	146.0
M90	2.00	1.50	114.3	0.913	Sizes M110 to M130, PG7 to PG48 and BSPP / BSPT are available upon request			
M100	2.00	1.50	114.3	0.512				

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### SERRATED WASHERS

Serrated or "shake proof" washers act as an anti-vibration device to prevent the cable gland, or other cable entry device and locknut arrangement from loosening. It can also be used as an earth enhancing device on painted enclosures. They are only available in Stainless Steel.

Order Code	Example
Stainless Steel	ACSSW/M20



ISO Thread Dia	Minimum Thickness	Outside Diameter	Weight (Kgs/100)	NPT Thread Dia	Minimum Thickness	Outside Diameter
M16	1.5	25.5	0.262	1/2"	1.5	35.4
M20	1.5	32.4	0.560	3/4"	1.5	43.4
M25	1.5	37.4	0.675	1"	1.5	52.0
M32	1.5	48.0	1.042	1-1/4"	1.5	59.5
M40	1.5	60.0	1.730	1-1/2"	1.5	71.0
M50	1.5	71.0	2.154	2"	1.5	87.0
M63	1.5	87.0	3.259	2-1/2"	1.5	102.0
M75	1.5	102.0	4.189	3"	1.5	125.0
M80	1.5	120.0	6.880	3-1/2"	1.5	140.0
M85	1.5	120.0	6.550	4"	1.5	155.0
M90	1.5	125.0	6.233	Sizes M110 to M130 are available upon request		
M100	1.5	140.0	7.985			

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### SHROUDS

Peppers manufacture a range of shrouds in various materials to complement our complete range of glands. Materials available are Polyvinylchloride (PVC), Polychloroprene (PCP) & Low Smoke Halogen Free Silicone (LSOH). Please note that the shrouds are manufactured to fit our glands and will not necessarily fit other manufacturer's products.

The shroud sizes are detailed on each of the product pages.



Order Code	Example	Temperature
PVC	ACSPVC/L24	-25°C to +70°C
PCP	ACSPCP/L24	-30°C to +100°C
LSOH	ACSSIO/L24	-60°C to +200°C

Please note that glands with larger than standard entry threads will require a larger shroud in order to fit over the gland hexagon body section