

A COMPLETE RANGE OF LOCKNUTS, EARTH TAGS, IP WASHERS, SERRATED WASHERS AND SHROUDS

REFERENCE NUMBER: 7.5.0

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 and are subject to change without notice.

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	ACAE/M20

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

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

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

All dimensions in mm - Weights are based on metric versions

O-RINGS

Please note: IP flat washers and o-rings cannot be used in conjunction with one another. O-rings fitted on glands as standard can be removed and replaced by a flat washer if required. O-rings procured from other sources and fitted to Peppers glands will invalidate the IP certification.



Peppers Item Reference	Seal Material	Code	Temperature
ORN	Nitrile	1	-30°C to + 100 °C
ORS	Silicone	3	-60°C to + 200 °C

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.



Please note where glands have a larger than standard entry thread the standard shroud will not fit over the gland hexagon body section.

	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

ISO Thread Dia	Nominal Thickness	Nominal A/F	Nominal A/C	Weight (Kgs/100)	NPT Thread Dia	Nominal Thickness	Nominal A/F	Nominal A/C
M12 x 1.5	2.5	17.0	18.7	0.30				
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"	6.4	36.0	39.5
M32 x 1.5	4.0	40.0	44.0	2.020	1-1/4"	6.4	46.0	50.5
M40 x 1.5	4.8	46.0	50.5	2.200	1-1/2"	6.4	55.0	60.6
M50 x 1.5	5.0	65.0	71.5	6.997	2"	6.4	65.0	70.8
M63 x 1.5	6.4	80.0	88.0	12.40	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	152.0
M90 x 2	9.0	104.8	115.3	23.256				
M100 x 2	9.0	114.3	125.7	25.256				

Sizes M110 to M130, PG7 to PG48 and BSPP / BSPT are available upon request

ISO Thread Dia	Nominal Thickness	Nominal Centres	Bolt Hole Dia	Weight (Kgs/100)	NPT Thread Dia	Nominal Thickness	Nominal Centres	Bolt Hole Dia
M12	1.5	31.8	6.9					
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	2.0	90.0	13.5	7.600	4"	1.5	120.0	13.5
M90	2.0	90.0	13.5	8.800				
M100	2.0	112.0	13.5	13.800				

Sizes M110 to M130, PG7 to PG48 and BSPP / BSPT are available upon request

ISO Thread Dia	Thickness Nylon	Thickness Fibre	Outside Diameter	Weight (Kgs/100)	NPT Thread Dia	Thickness Nylon	Thickness Fibre	Outside Diameter
M12	2.00	1.50	24.0	0.079				
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				
M100	2.00	1.50	114.3	0.512				

Sizes M110 to M130, PG7 to PG48 and BSPP / BSPT are available upon request

ISO Thread Dia	Nominal Thickness	Outside Diameter	Weight (Kgs/100)	NPT Thread Dia	Nominal Thickness	Nominal O/D
M12	1.0	20.25	0.137			
M16	1.2	25.5	0.262	1/2"	1.5	35.5
M20	1.4	32.5	0.560	3/4"	1.5	43.5
M25	1.5	37.5	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			
M100	1.5	140.0	7.985			

Sizes M110 to M130 are available upon request