

# Cable Gland Accessories and Tools

Description	Box Quantity	Metric Catalog Number	Description	Box Quantity	NPT Catalog Number
-------------	--------------	-----------------------	-------------	--------------	--------------------

### Locknuts – Nickel Plated Brass

- Brass locknuts are recommended for use in securing brass cable glands to a gland plate or into equipment.



M16	100	<b>16LN5</b>	050NPT	100	<b>050NPTLN5</b>
M20	100	<b>20LN5</b>	075NPT	100	<b>075NPTLN5</b>
M25	100	<b>25LN5</b>	100NPT	50	<b>100NPTLN5</b>
M32	50	<b>32LN5</b>	125NPT	50	<b>125NPTLN5</b>
M40	50	<b>40LN5</b>	150NPT	10	<b>150NPTLN5</b>
M50	10	<b>50LN5</b>	200NPT	5	<b>200NPTLN5</b>
M63	5	<b>63LN5</b>	250NPT	5	<b>250NPTLN5</b>
M75	5	<b>75LN5</b>	300NPT	1	<b>300NPTLN5</b>
M90	1	<b>90LN5</b>	350NPT	1	<b>350NPTLN5</b>
M100	1	<b>100LN5</b>	—	—	—

### Earth Tags – Pear (Nickel Plated Brass)

- Installed between the cable gland and equipment. Provide an earth bond connection as specified in BS 6121 : Part 5 : 1993.




M16	100	<b>16ET5</b>	050NPT	100	<b>050NPTET5</b>
M20	100	<b>20ET5</b>	075NPT	100	<b>075NPTET5</b>
M25	100	<b>25ET5</b>	100NPT	50	<b>100NPTET5</b>
M32	50	<b>32ET5</b>	125NPT	50	<b>125NPTET5</b>
M40	50	<b>40ET5</b>	150NPT	10	<b>150NPTET5</b>
M50	10	<b>50ET5</b>	200NPT	5	<b>200NPTET5</b>
M63	5	<b>63ET5</b>	250NPT	5	<b>250NPTET5</b>
M75	5	<b>75ET5</b>	300NPT	1	<b>300NPTET5</b>
M90	1	<b>90ET5</b>	350NPT	1	<b>350NPTET5</b>
M100	1	<b>100ET5</b>	—	—	—

# Cable Gland Accessories and Tools

## Serrated Washers – Stainless Steel

- Available in plated steel or stainless steel as standard, these "shake-proof" serrated washers fitted internally to the equipment and before a locknut act as an anti-vibration device to prevent the gland and locknut arrangement from inadvertently loosening in service.

	Metric Thread	Metric Catalog Number	Box Quantity	NPT	NPT Catalog Number	Box Quantity
	M16	<b>16SW4</b>	500	—	—	—
	M20	<b>20SW4</b>	500	1/2	<b>050NPTSW4</b>	100
	M25	<b>25SW4</b>	500	3/4	<b>075NPTSW4</b>	100
	M32	<b>32SW4</b>	200	1	<b>100NPTSW4</b>	50
	M40	<b>40SW4</b>	100	1-1/4	<b>125NPTSW4</b>	50
	M50	<b>50SW4</b>	100	1-1/2	<b>150SPTNW4</b>	10
	M63	<b>63SW4</b>	50	2	<b>200NPTSW4</b>	5
	M75	<b>75SW4</b>	50	2-1/2	<b>250NPTSW4</b>	5
	M90	<b>90SW4</b>	10	3	<b>300NPTSW4</b>	1
	M100	<b>100SW4</b>	10	3-1/2	<b>350NPTSW4</b>	1

Metric Thread	NPT	Dimensions mm (in)		Weight kg (lbs)
		B	C	
M16	—	19 (0.75)	25.4 (10)	0.01 (0.02)
M20	1/2	24 (0.94)	32 (1.26)	0.01 (0.02)
M25	3/4	33 (1.30)	40 (1.57)	0.01 (0.02)
M32	1	42 (1.65)	44 (1.73)	0.01 (0.02)
M40	1-1/4	55 (2.17)	59 (2.32)	0.02 (0.04)
M50	1-1/2	65 (2.56)	80 (3.15)	0.02 (0.04)
M63	2	70 (2.76)	100 (3.94)	0.06 (0.13)
M75	2-1/2	85 (3.35)	112 (4.41)	0.09 (0.20)
M90	3	100 (3.94)	120 (4.72)	0.11 (0.24)
M100	3-1/2	110 (4.33)	150 (5.91)	0.16 (0.35)



# Cable Gland Accessories and Tools

## For Cable Entries

### Entry Thread Seals – Sealing (IP) Washers

- It is essential to maintain the integrity of the degree of IP protection for which explosionproof equipment have been rated. The need for a sealing washer will depend on the IP rating, code of protection and the type of entry holes available within that equipment (e.g. for Ex e apparatus or terminal boxes which are permitted to have untapped through clearance holes it is necessary to fit a sealing washer to ensure that the minimum IP54 requirement is met). Other equipment with tapped entry holes may not require a sealing washer to maintain the rated integrity of the installation.
- Entry thread sealing washers are produced in 2mm thick white nylon as standard which are recommended and meet the specified requirements of Shell's Offshore operations.
- To verify the effectiveness of the nylon entry sealing washers, independent 3rd party tests to BS EN 60529:1992 have been conducted on certain cable gland types at IP66, IP67 and IP68 levels of protection. Documentation of these high standard tests is available upon request.



Description	Box Quantity	Metric Catalog Number (White)	Description	Box Quantity	NPT Catalog Number (Green)
M16	1000	<b>16ETS2</b>	050NPT	100	<b>050NPTETS</b>
M20	1000	<b>20ETS2</b>	075NPT	100	<b>075NPTETS</b>
M25	1000	<b>25ETS2</b>	100NPT	50	<b>100NPTETS</b>
M32	500	<b>32ETS2</b>	125NPT	50	<b>125NPTETS</b>
M40	200	<b>40ETS2</b>	150NPT	10	<b>150NPTETS</b>
M50	200	<b>50ETS2</b>	200NPT	5	<b>200NPTETS</b>
M63	100	<b>63ETS2</b>	250NPT	5	<b>250NPTETS</b>
M75	100	<b>75ETS2</b>	300NPT	1	<b>300NPTETS</b>
M90	10	<b>90ETS2</b>	350NPT	1	<b>350NPTETS</b>
M100	10	<b>100ETS2</b>	—	—	—

# Cable Gland Accessories and Tools

## For Cable Entries

Cable Gland Size	Catalog Number
<b>Lead Star Clamp for E2FX and E2FW Cable Glands Lead Sheath Continuity</b>	
2016	2016LSW
20S	20SLSW
20	20LSW
25S and 25	25LSW
32	32LSW
40	40LSW
50S	50SLSW
50	50LSW
63S	63SLSW
63	63LSW
75S	75SLSW
75	75LSW
90	90LSW
100	100LSW

