

LMA 23H Series - Circular Backshells

For use with: MIL-DTL-38999 Series III derived fibre optic connectors.

Features

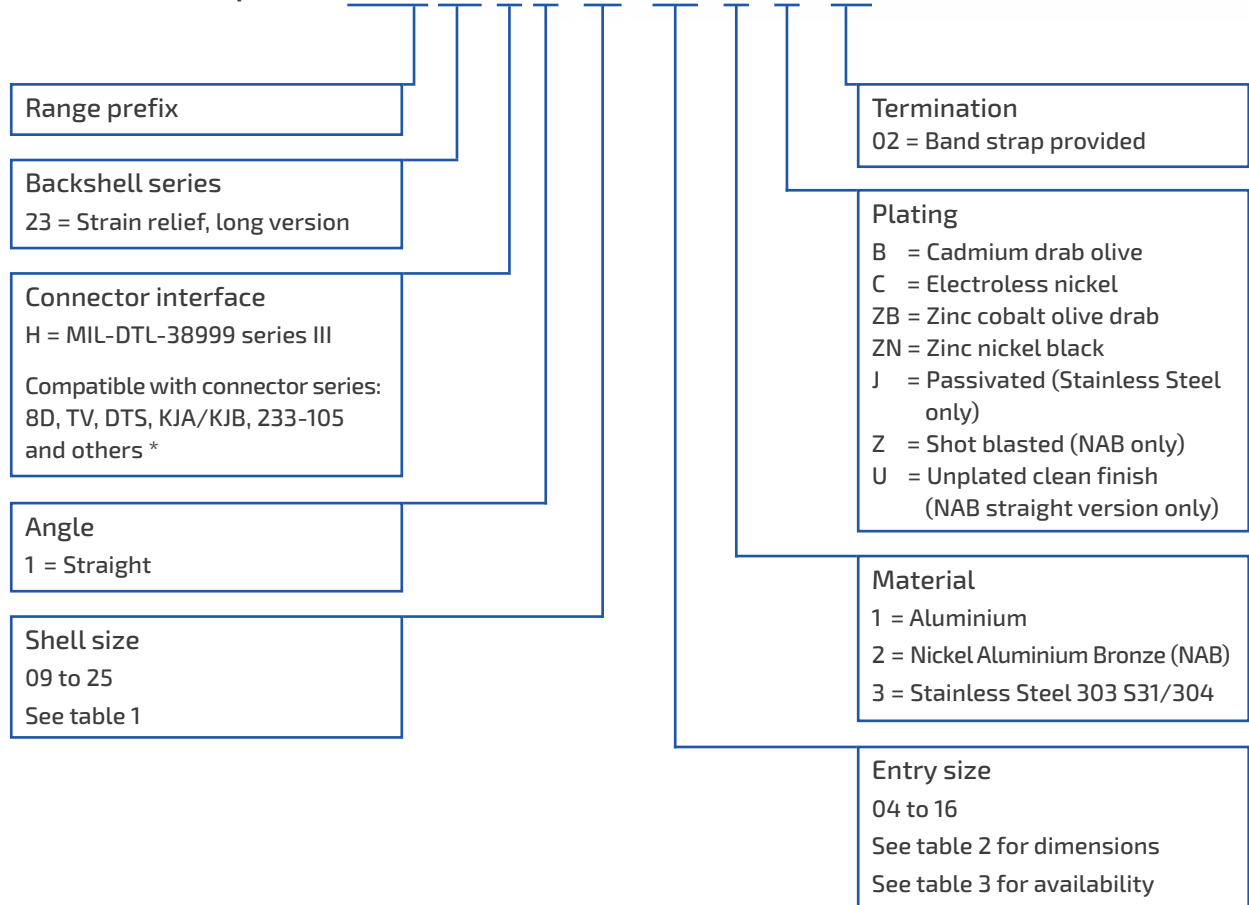
- For cable assemblies where additional space is required between the rear of the connector and the strain relief
- Sealing and strain relief of backshell by heat shrink boot
- Reliable fibre-optic strain relief termination with band strap provided



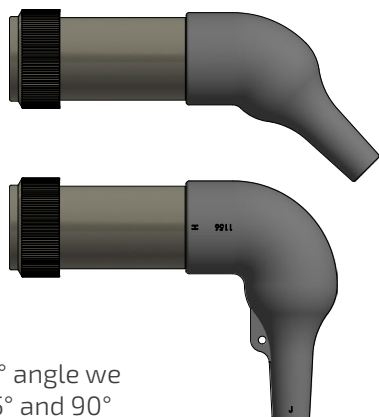
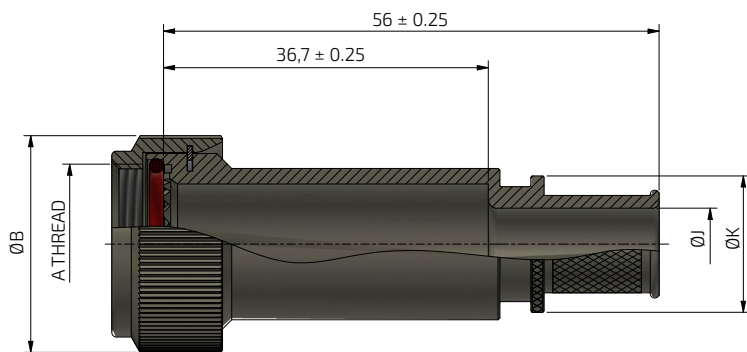
Additional Component Required

- Heat Shrink Boot
- Calibrated tooling for band strap

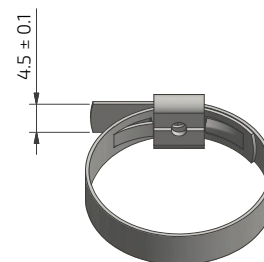
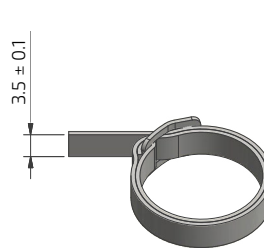
Part no example: **LMA 23 H 1 - 13 - 05 - 1 - B - 02**



* - Contact local Sales Office for details



Band strap



Entry size 04 to 07

Entry size 08 to 16

⚠ For 45° and 90° angle we recommend 45° and 90° heat shrink boots. For boot details see page 3.

Table 1

Shell size	A thread	ØB max
09	M12 x 1.0	18.25
11	M15 x 1.0	21.25
13	M18 x 1.0	24.75
15	M22 x 1.0	29.75
17	M25 x 1.0	33.25
19	M28 x 1.0	35.75
21	M31 x 1.0	37.55
23	M34 x 1.0	40.25
25	M37 x 1.0	44.25

Table 2

Entry size	ØJ min	ØK max
04	6.3	13.9
05	7.9	15.5
07	11.1	18.7
08	12.7	20.3
09	14.2	21.9
10	15.8	23.5
11	17.4	25.1
12	19.0	26.7
13	20.6	28.3
15	23.8	31.5
16	25.4	33.1

Table 3


Shell size	Entry size availability (Aluminium only)															
	04	05	07	08	09	10	11	12	13	14	15	16				
09	■															
11		■														
13			■													
15		■														
17				■												
19					■											
21						■										
23							■								■	
25								■								■

⚠ Shell sizes 09, 11 and 13 have one entry size available, whereas shell sizes from 13 to 25 have two entry sizes available.

Note: All dimensions are in millimeters (mm)

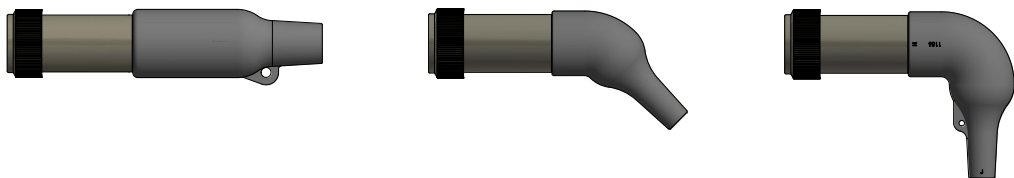
Recommended Torque Values (in Nm)

Shell size							
9	11	13	15	19	21	23	25
6	8.5	12	13	13	15	15	15

 Before tightening the spin-coupling adapter, ensure the backshell teeth are correctly aligned and meshed with the connector teeth.

Recommended Heat Shrinkable Boots

Entry size	Part numbers (HellermannTyton)		
	Straight (150 Series)	45° (1800 Series)	90° (1100 Series)
04	152-42	N/A	1152-4
05	154-42	N/A	1154-4
07	155-42	1803-4	1155-4
08	155-42	1803-4	1155-4
09	155-42	1807-4	1155-4
10	156-42	1807-4	1156-4
11	156-42	1807-4	1156-4
12	156-42	1807-4	1156-4
13	157-42	1806-4	1156-4
14	157-42	1806-4	1157-4
15	157-42	1806-4	1157-4
16	157-42	1806-4	1157-4



The example part numbers indicated above provide a reference only to dimensional suitability with the associated backshell dimensions. **As many different cable types, materials and dimensions can be used within any given backshell assembly, it is important that the end-user carefully considers all aspects of the final assembly requirements when selecting and specifying appropriate part numbers.** For full part number details, see the Hellermann Tyton catalogue at fclane.com website. Heat shrink boots and adhesive options are available from FC Lane Electronics Ltd.

Lodge Group

FC Lane Electronics Ltd

Franchised connector distributor

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