

## LMA 20H Series - Circular Backshells

For use with: MIL-DTL-38999 Series III/EN3645, MIL-DTL-38999 Series IV

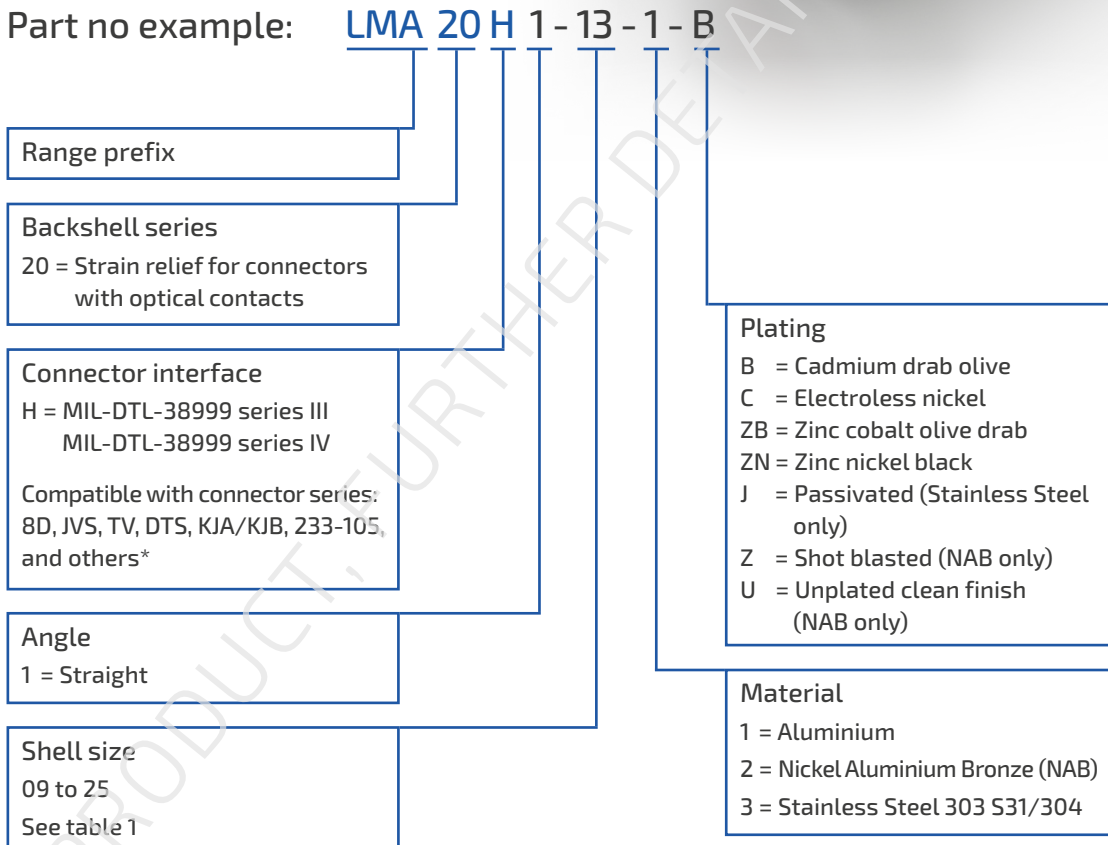
### Features

- Designed for connectors with optical contacts to accommodate the push back of the cable during the connector mating
- Sealing and strain relief of backshell by heat shrink boot



### Additional Component Required

- Heat Shrinkable Boot

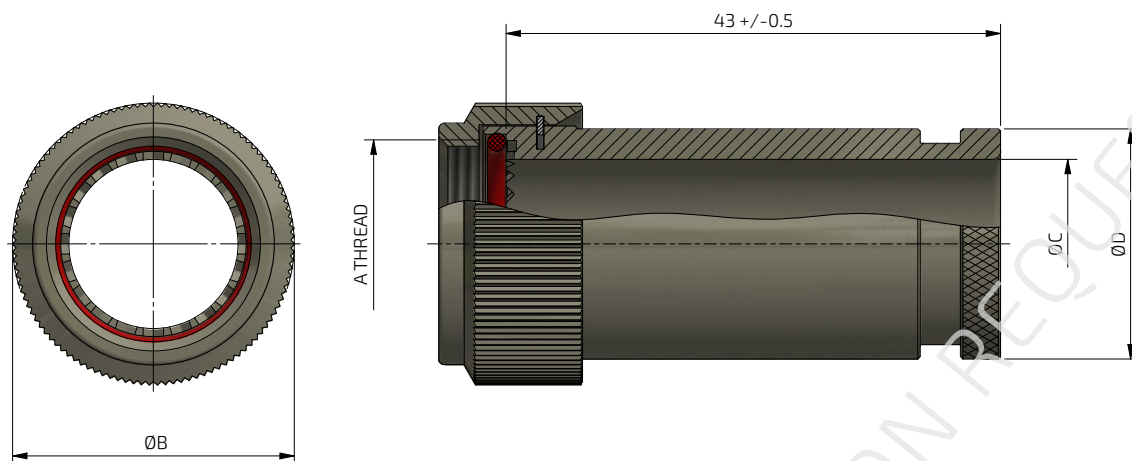


### Recommended Torque Values (in Nm) \*\*

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

\* - Contact local Sales Office for details

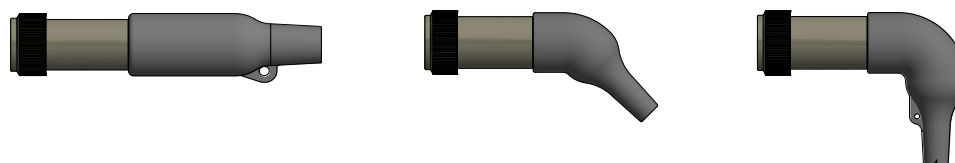
\*\* - Before tightening the spin-coupling adapter, ensure the backshell teeth are correctly aligned and meshed with the connector teeth



Shell size	A thread	ØB max	ØC ± 0.25	ØD ± 0.25
09	M12 x 1.0	18.25	8.6	14.5
11	M15 x 1.0	21.25	11.7	17.0
13	M18 x 1.0	24.75	14.7	20.0
15	M22 x 1.0	29.75	17.5	23.0
19	M28 x 1.0	35.75	22.5	27.0
21	M31 x 1.0	37.55	26.4	30.7
23	M34 x 1.0	40.25	29.6	34.0
25	M37 x 1.0	44.25	32.1	37.0

### Recommended Heat Shrinkable Boots

Shell size	Part numbers (HellermannTyton)		
	Straight (150 Series) Recommended for use in straight and 90° backshells	45° (1800 Series)	90° (1100 Series) Where space permits, 90 degree boots can be used on straight backshells
09	152-42	N/A	1152-4
11	154-42	N/A	1154-4
13	155-42	1803-4	1155-4
15	156-42	1807-4	1156-4
19	156-42	1807-4	1156-4
21	157-42	1806-4	1157-4
23	157-42	1806-4	1157-4
25	158-41	1806-4	1158-4



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](http://fclane.com) website. Heat shrink boots and adhesive options are available from FC Lane Electronics Ltd.