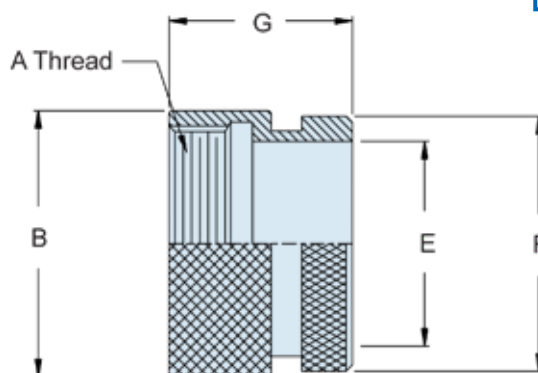




M83723/27M Straight Shrink Boot Adapter

CONNECTOR DESIGNATOR:
K MIL-DTL-83723 Series II

**Basic
Part Number**
M83723/27M
**Shell
Size**
22
(M)
**Backshell
Only**

TABLE I: Adapter Size, Shell Size, Thread and Dimensions

Adapter Size	Shell Size Ref.	A Thread Class 2B	B Dia Max	E Dia	F Dia Min	G Max
08	8S	.438 - 28 UNEF	.580 (14.7)	.250 (6.4)	.479 (12.2)	.830 (21.1)
10	10S	.500 - 28 UNEF	.640 (16.3)	.303 (7.7)	.539 (13.7)	.830 (21.1)
11	10SL	.562 - 24 UNEF	.700 (17.8)	.383 (9.7)	.608 (15.4)	.830 (21.1)
12	12	.625 - 24 UNEF	.760 (19.3)	.408 (10.4)	.659 (16.7)	.830 (21.1)
13	12S	.625 - 24 UNEF	.760 (19.3)	.408 (10.4)	.659 (16.7)	.830 (21.1)
14	14	.750 - 20 UNEF	.890 (22.6)	.490 (12.4)	.782 (19.9)	.830 (21.1)
16	14S	.750 - 20 UNEF	.890 (22.6)	.490 (12.4)	.782 (19.9)	.830 (21.1)
16	16	.875 - 20 UNEF	1.010 (25.7)	.609 (15.5)	.908 (23.1)	.996 (25.3)
17	16S	.875 - 20 UNEF	1.010 (25.7)	.609 (15.5)	.908 (23.1)	.830 (21.1)
18	18	1.000 - 20 UNEF	1.140 (29.0)	.730 (18.5)	1.025 (26.0)	.996 (25.3)
20	20	1.125 - 18 UNEF	1.260 (32.0)	.870 (22.1)	1.212 (30.8)	.996 (25.3)
22	22	1.250 - 18 UNEF	1.390 (35.3)	.978 (24.8)	1.343 (34.1)	.996 (25.3)
24	24	1.375 - 18 UNEF	1.520 (38.6)	1.090 (27.7)	1.450 (36.8)	.996 (25.3)
28	28	1.625 - 18 UNEF	1.760 (44.7)	1.250 (31.8)	1.671 (42.4)	1.076 (27.3)
32	32	1.875 - 16 UN	2.010 (51.1)	1.520 (38.6)	1.956 (49.7)	1.076 (27.3)
36	36	2.125 - 16 UN	2.260 (57.4)	1.756 (44.6)	2.164 (55.0)	1.076 (27.3)
40	40	2.375 - 16 UN	2.510 (63.8)	1.880 (47.8)	2.500 (63.5)	1.222 (31.0)

APPLICATION NOTES

- For complete dimensions see the applicable Military Specification.
- Finish: Electroless Nickel.
- Metric dimensions (mm) are in parentheses.

Dimensions in inches (millimeters) and are subject to change without notice.

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Mil-Spec Backshells

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