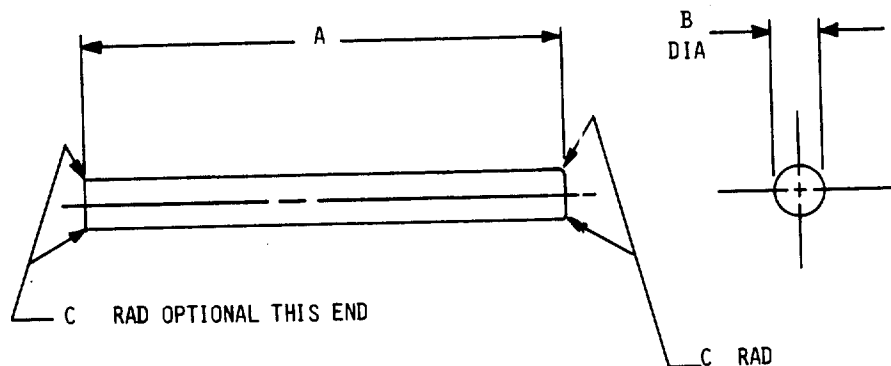


AS1791

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TUBE SIZE	A ±.015	B ±.002	C
-04	1.184	.070	.026
-05	1.378	.078	.030
-06	1.558	.078	.030
-08	2.116	.093	.037
-10	2.480	.093	.037
-12	3.026	.123	.050
-16	3.815	.123	.050
-20	4.799	.123	.050

1. MATERIAL: CORROSION RESISTANT STEEL, CLASS 302, 304 OR 305 FORM 1, CONDITION "A", IN ACCORDANCE WITH QQ-W-423 OR CLASS 305 PER AMS 5685.
2. FINISH: PASSIVATE IN ACCORDANCE WITH QQ-P-35, FOLLOWED BY DRY FILM LUBRICATION IN ACCORDANCE WITH MIL-L-46010 OR MIL-L-8937.
3. SURFACE ROUGHNESS: 125 MICROINCHES Ra MAXIMUM IN ACCORDANCE WITH ANSI B46.1.
4. STRAIGHTNESS: WIRE SHALL BE STRAIGHT WITHIN .020 F.I.R.
5. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, RADIUS OR BREAK ALL CORNERS .005 - .010.
6. INTENDED USE: FOR ASSEMBLY WITH AS1790 WIRED-ON NUT. A LIGHTWEIGHT VERSION OF MS27073 FITTING NUTS.

PAGE 1 OF 1

PREPARED BY SAE SUBCOMMITTEE G-3B, AEROSPACE FITTINGS

SAE The Engineering
Resource For
Advancing Mobility

400 COMMONWEALTH DRIVE, WARRENDALE, PA 15096

AEROSPACE STANDARDWIRE, RETAINER
TUBE COUPLING NUT

AS1791

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