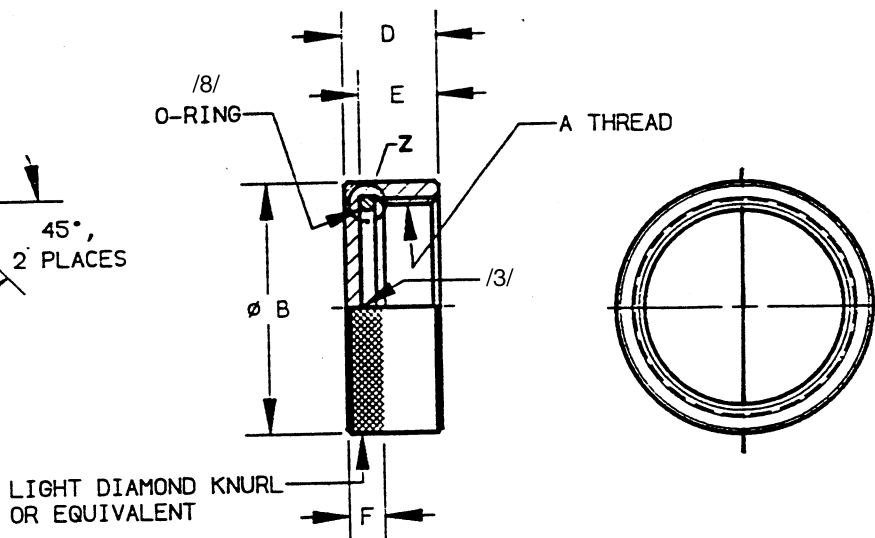
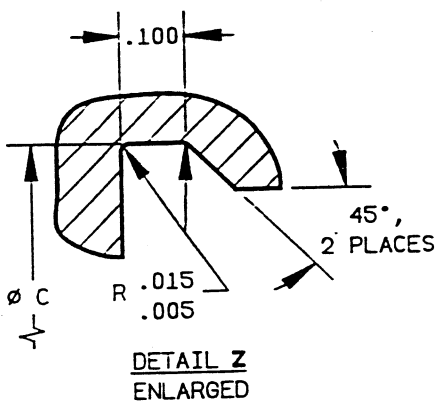


AS4282

FEDERAL SUPPLY CLASS
4730

RATIONALE

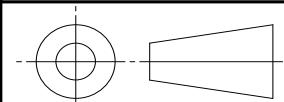
AS4282 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



PART NUMBER	TUBE SIZE	A THREAD	ØB	ØC	D	E	F	O-RING SIZE	WEIGHT lb/100 PCS APPROX
/8/ /9/		MIL-S-8879 -3B		+ .010 - .000		+ .010 - .020	+ .020	/8/	
AS4282-02	.125	.3125-32UNJEF	.549	.349	.325	.230	.200	009	.60
AS4282-03	.188	.3750-28UNJS	.580	.380	.350	.250	.200	010	.68
AS4282-04	.250	.4375-24UNJS	.642	.442	.375	.282	.200	011	.84
AS4282-05	.312	.5000-24UNJS	.705	.505	.375	.282	.200	012	.97
AS4282-06	.375	.5625-20UNJS	.767	.567	.400	.290	.200	013	1.20
AS4282-08	.500	.7188-20UNJS	.923	.740	.400	.303	.200	016	1.53
AS4282-10	.625	.8438-18UNJS	1.048	.865	.450	.359	.300	018	2.01
AS4282-12	.750	1.0000-16UNJ	1.205	1.005	.500	.388	.300	020	2.90
AS4282-14	.875	1.1250-16UNJ	1.330	1.130	.525	.403	.300	022	3.58
AS4282-16	1.000	1.2500-14UNJS	1.466	1.255	.525	.423	.300	024	4.04
AS4282-20	1.250	1.5781-14UNJS	1.750	1.583	.525	.420	.300	219	4.95
AS4282-24	1.500	1.8438-14UNJS	2.000	1.880	.605	.505	.300	223	6.11

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS4282>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

CAP ASSEMBLY, PROTECTIVE CLOSURE,
BEAM SEAL FITTING, LOW PRESSURE

AS4282
SHEET 1 OF 2

Documents

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NOTES:

1. MATERIAL: ALUMINUM ALLOY.
2. FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, DYE RED OR BLUE PER /8/.
- /3/ DRILL POINT PERMISSIBLE TO .040 MINIMUM WALL THICKNESS.
4. ALL MACHINED SURFACES SHALL BE SMOOTH TO 125 MICROINCHES Ra PER ANSI/ASME B46.1.
5. REMOVE ALL BURRS AND BREAK SHARP EDGES .003-.015.
6. DIMENSIONING AND TOLERANCING: ANSI Y14.5M.
7. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
- /8/ CODE LETTER FOR O-RING AND FINISH COLOR, IN PLACE OF DASH IN PART NUMBER:

 LETTER D: O-RING PER MS28775, COMPOUND PER MIL-P-25732 FOR USE WITH MIL-H-5606 OR MIL-H-83282 HYDRAULIC FLUIDS - RED COLOR ANODIZE.

 LETTER B: O-RING PER AS568, COMPOUND PER NAS1613 FOR USE WITH SKYDROL AND OTHER PHOSPHATE ESTERS - BLUE COLOR ANODIZE.
- /9/ EXAMPLE OF PART NUMBER: AS4282D08, CAP ASSEMBLY, .500 TUBE SIZE, O-RING PER MS28775, RED COLOR ANODIZE.
10. DO NOT USE UNASSIGNED PART NUMBERS.
11. INTENDED USE: THIS CAP ASSEMBLY IS INTENDED FOR USE AS A PROTECTIVE CLOSURE FOR BEAM SEAL END FITTINGS PER MIL-F-85421 FOR TRANSIT AND STORAGE AT 20 psi MAX INTERNAL PRESSURE.

	AEROSPACE STANDARD		AS4282 SHEET 2 OF 2	 Documents
	CAP ASSEMBLY, PROTECTIVE CLOSURE, BEAM SEAL FITTING, LOW PRESSURE			