

INCH-POUND

MS9314C
16 February 2010
SUPERSEDING
MS9314B (ASG)
20 December 1966

DETAIL SPECIFICATION SHEET

CAP ASSEMBLY, TUBE - SAE-AMS5646

This specification is approved for use by all Departments and Agencies
of the Department of Defense .

The requirements for acquiring the product described herein shall consist of this specification sheet.

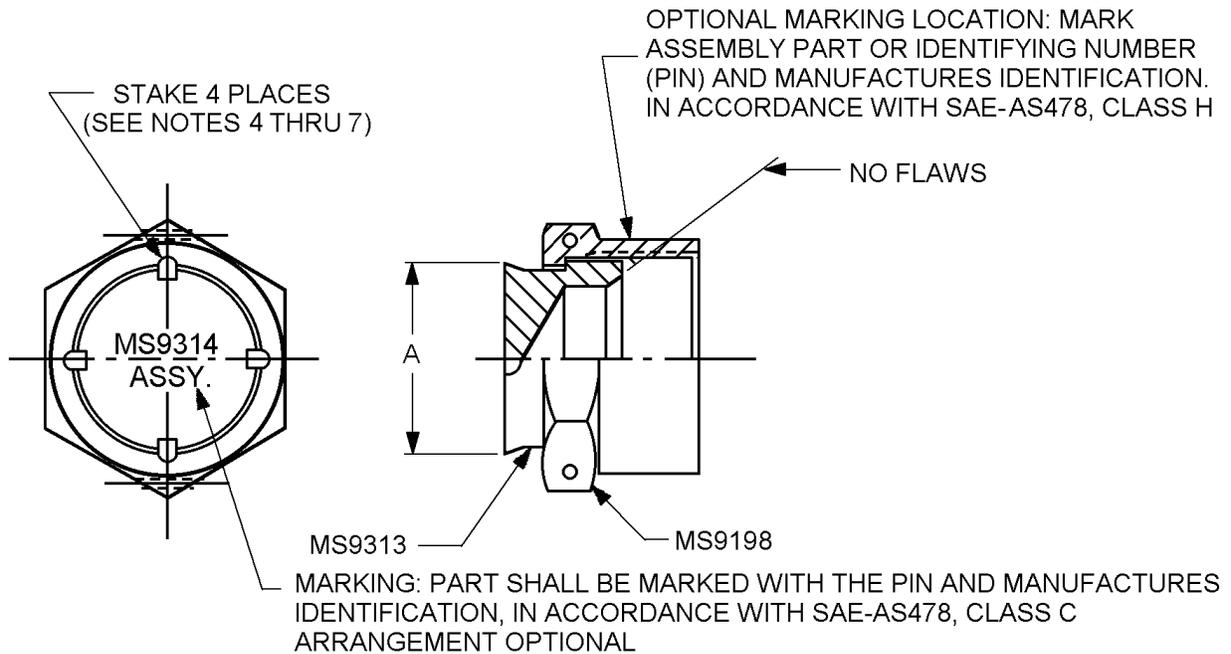


FIGURE 1. Cap assembly, tube.

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Dash number	Tube OD (reference) inches (mm)	Nut	Cap	A minimum inches (mm)	Approx weight lb/100 (kg/100)
-02	.125 (3.18)	MS9198-02	MS9313-02	.200 (5.08)	1.58 (0.7)
-03	.188 (4.78)	MS9198-03	MS9313-03	.260 (6.60)	2.11 (1.0)
-04	.250 (6.35)	MS9198-04	MS9313-04	.325 (8.26)	2.83 (1.3)
-05	.313 (7.95)	MS9198-05	MS9313-05	.395 (10.03)	4.04 (1.8)
-06	.375 (9.53)	MS9198-06	MS9313-06	.460 (11.68)	4.59 (2.1)
-07	.438 (11.13)	MS9198-07	MS9313-07	.520 (13.21)	5.60 (2.5)
-08	.500 (12.70)	MS9198-08	MS9313-08	.590 (14.99)	7.95 (3.6)
-09	.562 (14.27)	MS9198-09	MS9313-09	.655 (16.64)	9.13 (4.1)
-10	.625 (15.88)	MS9198-10	MS9313-10	.720 (18.29)	10.67 (4.8)
-11	.688 (17.48)	MS9198-11	MS9313-11	.790 (20.07)	13.53 (6.1)
-12	.750 (19.05)	MS9198-12	MS9313-12	.855 (21.72)	16.30 (7.4)
-14	.875 (22.23)	MS9198-14	MS9313-14	.980 (24.89)	20.25 (9.2)
-16	1.000 (25.40)	MS9198-16	MS9313-16	1.110 (28.19)	23.56 (10.7)
-18	1.125 (28.58)	MS9198-18	MS9313-18	1.235 (31.37)	33.74 (15.3)
-20	1.250 (31.75)	MS9198-20	MS9313-20	1.365 (34.67)	37.02 (16.8)
-24	1.500 (38.10)	MS9198-24	MS9313-24	1.635 (41.53)	51.51 (23.4)
-28	1.750 (44.45)	MS9198-28	MS9313-28	1.910 (48.51)	76.61 (34.7)
-32	2.000 (50.80)	MS9198-32	MS9313-32	2.185 (55.50)	91.65 (41.6)
-40	2.500 (63.50)	MS9198-40	MS9313-40	2.685 (68.20)	118.37 (53.7)
-48	3.000 (76.20)	MS9198-48	MS9313-48	3.200 (81.28)	153.98 (69.8)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Assembly shall be free of all burrs and slivers.
4. Do not support cap on seat during staking or marking of PIN.
5. Caps shall be free from defects (cracks, etc.) as a result of staking.
6. Nut shall spin freely on cap after staking.
7. Minimum push-out force 10 pounds (4.5 kg).
8. For design features purposes, this standard takes precedence over documents referenced herein.

FIGURE 1. Cap assembly, tube - Continued.

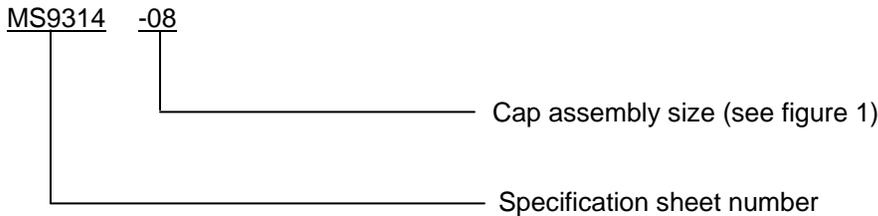
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REQUIREMENTS:

Dimensions and configurations: See figure 1.

Material: Steel, corrosion and heat-resistant in accordance with SAE-AMS5646.

PIN:



PIN Example:

MS9314-08 identifies a cap assembly, tube .500 inch (tube), CRES.

Do not use unassigned PIN's.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Referenced documents. This document references the following:

- MS9313
- MS9198
- SAE-AS478
- SAE-AMS5646

CONCLUDING MATERIAL

Custodians:
Navy - AS
Air Force - 99
DLA CC

Preparing activity:
DLA - CC

(Project 4730-2009-086)

Review activity:
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.