

PROJECT NO. 6685-0346

FED. SUP CLASS
6685USER SYMBOLS:
ARMY--AUREVIEWER SYMBOLS:
ARMY--AV
NAVY--DS

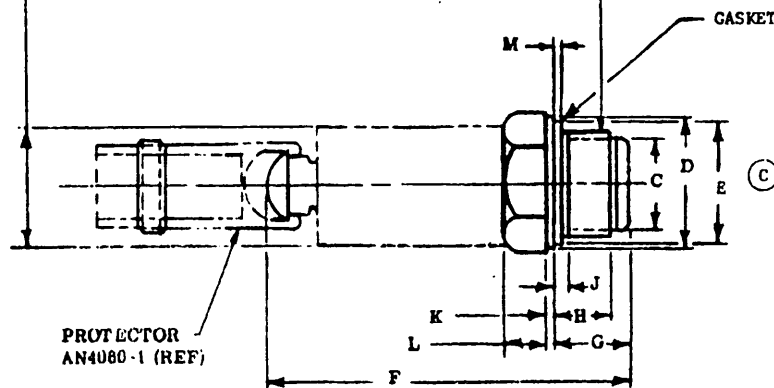
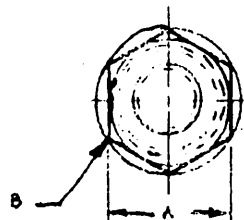
*Review/user information is current as of the date of this document.
Per future coordination of changes to this document, draft circulator or
should be based on the information in the current DODISS.

the military standard is mandatory for use by all Departments
B. Agencies of the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document.

CLEARANCE FOR A SOCKET OF
THE FOLLOWING DESCRIPTION:
12 POINT, 1/2 SQUARE DRIVE,
7/8 WRENCH OPENING, EXTRA
DEEP, CONFORMING TO SPECI-
FICATION GGG W-641, TYPE I,
CLASS 2. EXCEPT DEPTH OF
OPENING, NUT END TO BE
.812 MIN AND DIA OF BOLT
CLEARANCE HOLE TO BE
.844 MIN

THREADS TO PROVIDE A SATIS-
FACTORY FIT IN A 18-1.5 MM
THREADED BOSS HAVING:

PITCH DIA	MAX.	.6745
	MIN.	.6713
MINOR DIA	MAX.	.6472
	MIN.	.6404
MAJOR DIA	MIN.	.7097



TOP OF PLUG TO BE SO CONSTRUCTED TO
PROVIDE A SNAP AND SECURE FIT FOR THE
CABLE PROTECTOR, AND ALLOW IT A CIR-
CULAR MOVEMENT OF 15° ABOUT THE
LONGITUDINAL AXIS OF THE PLUG

DASH NO	TYPE	A +.003 -.010 HEX	B MAX RAD	C MAX DIA	D SEAT MAX DIA	E GASKET MAX DIA	F MAX	G +.020 -.010	H +.010 -.020	J +.020 -.000 UNTHREADED	K MIN	L MIN	M +.000 -.020
-1	I REUSABLE	.875	.120	.628	1.100	1.000	2.940	.600	.420	.080	.080	.280	.070
2	II REUSABLE AND REFILLABLE	.875	.120	.628	1.100	1.000	2.940	.562	.380	.094	.080	.250	.125

NOTES

1. SEATING TORQUE TO BE 25 LB-IN. MAXIMUM.
2. PROOF TORQUE TO BE 50 LB-IN. MINIMUM.
3. PLUGS SHALL BE FILLED WITH A MINIMUM OF 6 GRAMS FOR TYPE I AND A MINIMUM OF 5 GRAMS FOR TYPE II OF DEHICANT CONFORMING TO MIL-D-3716, TYPE IV, GRADE H.
4. DIMENSIONS IN INCHES.

FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(C) REVISED

P.A. NAVY - A5 Other Cust USAF - 82 ARMY - M5	TITLE PLUG, DEHYDRATOR, HUMIDITY INDICATING, ENGINE CYLINDER, 18 MM THREAD	MILITARY STANDARD MS27215
PROCUREMENT SPECIFICATION MIL-P-6131	SUPPLEMENTARY AN4082	SHEET 1 OF 1

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 17 AUG 1962
REVISED (A) 15 JUL 69 (B) 31 DEC 70 (C) 20 FEB 75