



	DASH NO	I THREAD SIZE	B - 003 - 004	C	D 2/ - 002 - 003 DIA
PREFERRED	MS27612-5 MS27612-7	5625 - 18 UNF 3A	8130	083 - 015 080	481
PREFERRED	MS27612-6 MS27612-8	7500 - 16 UNF 3A	1000	100 - 080 090	650

1. MATERIAL: TYPE 1117 STEEL BAR TO SPECIFICATION QQ-S-633 ON EQUIPMENT.
2. ALTERNATE MATERIAL: 12L14 STEEL BAR TO FED STD 66.
3. FINISH: CHROMIUM PLATE PER SPECIFICATION QQ-P-416 TYPE B CLASS 3 .0002 TO .0003 THICK.
4. ALL SURFACES $150 \sqrt{\text{INCHES}}$ EXCEPT AS NOTED.
5. THIS SURFACE TO BE A SMOOTH UNIFORM CONICAL SURFACE FREE FROM BLUNTEL TOOL MARKS AND VISIBLE FLAT SPOTS. ANILINE TOOL MARKS WILL BE ALLOWED TO .100 MICRO-INCHES A A MAX.
6. THIS SURFACE SQUARENESS BETWEEN OUTSIDE THREAD AND INSIDE FACE OF HEX SHALL NOT EXCEED .005 TIR WHEN MEASURED AT .750 \pm .010 DIA.
7. D DIA AND OUTSIDE THREAD SHALL BE CONCENTRIC WITHIN .005 FULL INDICATOR READING.
8. .4275 DIA AND INSIDE THREAD SHALL BE CONCENTRIC WITHIN .002 FULL INDICATOR READING.
9. REMOVE SHARP EDGES, BURR AND SLIVERS.
10. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/2^\circ$
11. MS27612-7 AND -8 SPECIFY ADAPTERS WITH LOCKWIRE HOLES AND ARE PREFERRED TO -5 AND -6 FOR NEW DESIGN.
12. NOTE: ELECTROETCH THE CAGE NUMBER ON SURFACE SHOWN TO A DEPTH OF .003/.006. 1/16 INCHES HIGH CHARACTERS.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS.

PREPARING ACTIVITY: Air Force - 70 CUSTODIANS: ARMY - NAVY - AIR FORCE - 99 DLA -	MILITARY SPECIFICATION SHEET TITLE ADAPTER-HYDRAULIC BLEEDER VALVE, AIRCRAFT WHEEL BRAKE	SPECIFICATION SHEET NUMBER MS27612G(USAF) 31 October 1989 SUPERSEDING - MS27612F(USAF) 21 November 1984 AMSC - N/A fsc - 1630
REVIEW: USER: PROJECT NUMBER: 1630-F341	DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.	
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