

FED. SUPPLY CLASS

5220

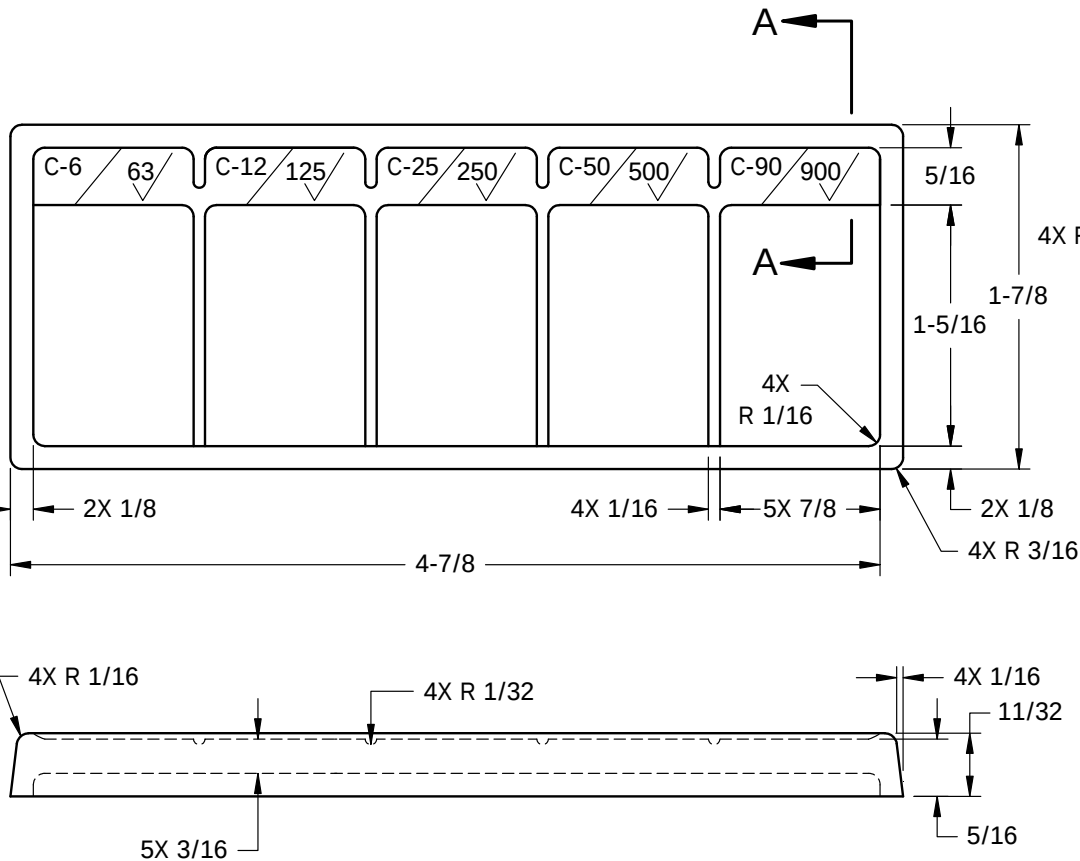


TABLE I – SURFACE ROUGHNESS

COMPARATOR NUMBER	MICROINCH (Ra) EQUIVALENT (APPROXIMATE)	MICROMETER (Ra) EQUIVALENT (APPROXIMATE)
C-6	63	1.6
C-12	125	3.2
C-25	250	6.3
C-50	500	12.5
C-90	900	23.0

③ COMPLETELY REVISED

INACTIVE FOR NEW DESIGN AFTER DEC. 1991. NO SUPERSEDING STANDARD.
FOR DESCRIPTION OF STATUS NOTES SEE NAS380.

FORM 09-01	THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
	PROCUREMENT SPECIFICATION	TITLE CAST SURFACE COMPARISON STANDARD	CLASSIFICATION PART STANDARD
	NONE		NAS823 SHEET 1 OF 2



Documents
SHEET 1 OF 2

MATERIAL:

356 ALUMINUM ALLOY (UNS A03560) PER ~~QQ-A-596~~ ASTM B108/B108M, WITH SUITABLE CONTAINER AND ENCLOSURE.

NOTES:

- (1) SURFACE TO HAVE ROUGHNESS SHOWN WITHIN APPROXIMATE ± 20 MICROINCHES ($\pm 0,50$ MICROMETERS) PER ASME B46.1, AND SURFACE ROUGHNESS SYMBOLS PER ASME Y14.36M, WHEN MEASURED WITH AN INSTRUMENT HAVING A CONICAL STYLUS WITH A .005 INCH (.13 MILLIMETER) RADIUS AND A .300 INCH (7.6 MILLIMETER) CUTOFF WIDTH.
- (2) THE "C" NUMBER MAY BE USED FOR DRAWING CALLOUT IF THIS STANDARD IS REFERENCED.
- (3) INCLUDE THE NAS NUMBER ON THE BACK OF THE STANDARD PART, RAISED OR DEPRESSED.
- (4) TOLERANCES UNLESS OTHERWISE SPECIFIED: FRACTIONS $\pm 1/32$.
- (5) MICROINCH AND MICROMETER NUMBERS ARE INCLUDED FOR REFERENCE ONLY.
- (6) DIMENSIONS IN INCHES EXCEPT AS NOTED.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (9) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (10) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

③ COMPLETELY REVISED

REVISION

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NAS823
SHEET 2



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