

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODDS SPECIFIED IN THE SOLICITATION: MIL-C-45918

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

Form Approved  
OMB No. 0704-0188

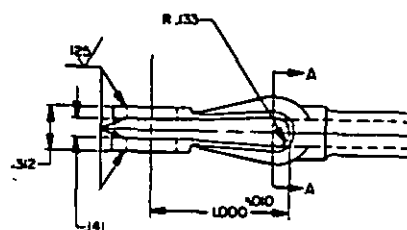
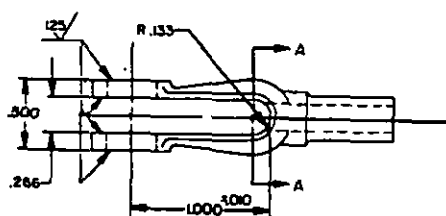
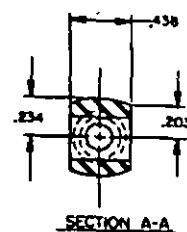
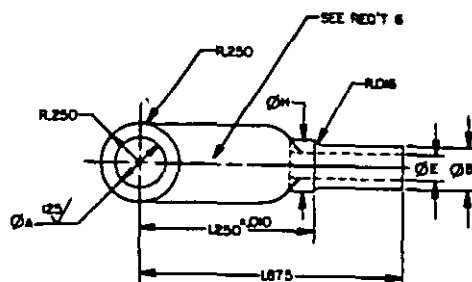


TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO.	TYPE OF FORK		Ø A +.001	Ø B +.000 -.002	Ø E	Ø F	WEIGHT (APPROX) LBS	ULTIMATE (MIN) AXIAL LOAD LBS
	CAD PLATE	PLAIN						
1	21	WIDE	.250	.305	.188	.375	.046	3800
2	22	NARROW	.250	.305	.188	.375	.046	2850
3	23	WIDE	.188	.305	.188	.375	.047	4700
4	24	NARROW	.188	.305	.188	.375	.047	3500
5	25	WIDE	.250	.242	.125	.375	.046	3800
6	26	NARROW	.250	.242	.125	.375	.046	2850
7	27	WIDE	.188	.242	.125	.375	.047	4700
8	28	NARROW	.188	.242	.125	.375	.047	3500
9	29	WIDE	.250	.430	.281	.500	.048	3800
10	30	NARROW	.250	.430	.281	.500	.048	2850
11	31	WIDE	.188	.430	.281	.500	.049	4700
12	32	NARROW	.188	.430	.281	.500	.049	3500

**REQUIREMENTS:**

- MATERIAL.** STEEL, ALLOY, GRADE 4130 (UNS G41300) IN ACCORDANCE WITH MIL-6-6758. THE STEEL SHALL HAVE A MINIMUM TENSILE STRENGTH OF 90,000 PSI.
- PROTECTIVE COATING.** CADMIUM PLATING IN ACCORDANCE WITH QQ-P-416, TYPE 2, CLASS 3.
- SURFACE TEXTURE.** SURFACE MARKED ✓ SHALL HAVE THE INDICATED MICROINCH FINISH IN ACCORDANCE WITH ANSI/ASME B46.1.
- TOLERANCES.** UNLESS OTHERWISE SPECIFIED, DECIMAL TOLERANCES SHALL BE  $\pm .015$ ; DEGREE TOLERANCES SHALL BE  $\pm 5^\circ$ .
- REMOVE ALL BURRS AND SHARP EDGES.
- MARKING.** MARKING SHALL BE AT THE LOCATION INDICATED, CONSISTING OF SPECIFICATION SHEET NUMBER AND MANUFACTURER'S IDENTIFICATION OR CAGE CODE, IN ACCORDANCE WITH MIL-STD-130.
- PART NUMBER.** THE PART NUMBER CONSISTS OF THE BASIC SPECIFICATION SHEET NUMBER PLUS THE DASH NUMBER FROM TABLE I.

EXAMPLE: MS27976-1 INDICATES - CLEVIS, ROD END-PLAIN, WIDE FORK, .250 DIAMETER, CADMIUM PLATED.

INCH - POUND

PREPARING ACTIVITY: ARMY - AR CUSTODIANS: ARMY - AR NAVY - AS AIR FORCE - 82 DIA - REVIEW: AV, IS, SH USER: AT, GL, MC, ME, MI, OS, YD, NASA-JFK PROJECT NUMBER: 5340-1959	MILITARY SPECIFICATION SHEET TITLE CLEVIS, ROD END-PLAIN, WIDE AND NARROW FORKS	SPECIFICATION SHEET NUMBER <b>MS27976E</b> 22 JANUARY 1980 SUPERSEDING <b>MS27976D</b> 8 MAY 1970 AMSC- N/A FSC- 5340
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## NOTES:

1. DIMENSIONS. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
2. ILLUSTRATIONS ARE FOR IDENTIFICATION AND ARE NOT INTENDED TO RESTRICT THE DESIGN OR SHAPE NOT DIMENSIONED.
3. ALL DIMENSIONS SPECIFIED ARE TO BE MET AFTER PLATING.
4. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS MILITARY SPECIFICATION SHEET SHALL TAKE PRECEDENCE.
5. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DOISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

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CUSTODIANS: ARMY-AR NAVY-AS  
AIR FORCE-82 DIA-  
REVIEW: AV, IS, SH  
USER: AT, GL, MC, ME, MI, OS, YD, NASA-JFK  
PROJECT NUMBER: 5340-1959

## MILITARY SPECIFICATION SHEET

TITLE

CLEVIS, ROD END-PLAIN,  
WIDE AND NARROW FORKS

SPECIFICATION SHEET NUMBER

MS27976E 22 JANUARY 1980

SUPERSEDING MS27976D 8 MAY 1970

AMSC- N/A

FSC-5340

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