

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 DOORS SPECIFIED IN THE SOLICITATION: MIL-C-49918

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

Form Approved  
OMB No. 0704-0188

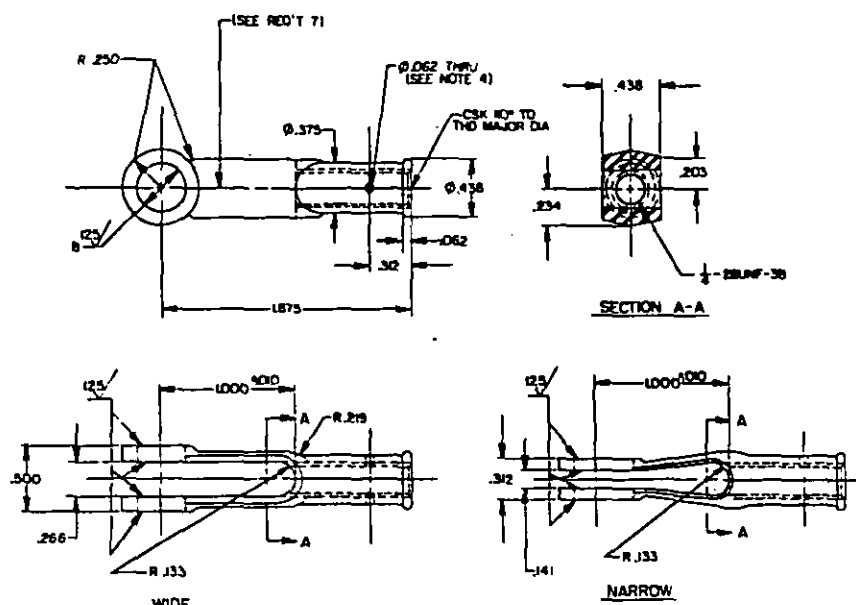


TABLE 1. DASH NUMBERS AND DIMENSIONS

DASH NO.	TYPE OF FORK	$\phi B \pm .001$	WEIGHT (APPROX) LBS	ULTIMATE (MIN) AXIAL LOAD LBS
1	WIDE	.250	.051	3800
2	NARROW	.250	.051	2850
3	WIDE	.188	.052	4700
4	NARROW	.188	.052	3500

REQUIREMENTS:

- MATERIAL.** STEEL, ALLOY, GRADE 4130 (UNS G41300) IN ACCORDANCE WITH MIL-S-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.
- THREAD.** THE THREAD SHALL BE IN ACCORDANCE WITH MIL-S-7742.
- SURFACE TEXTURE.** SURFACE MARKED  $\checkmark$  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 1.

EXAMPLE: MS27975-1 INDICATES - CLEVIS, ROD END-ADJUSTING, WIDE FORK, .250 DIAMETER, CADMIUM PLATED.

INCH - POUND

PREPARING ACTIVITY: ARMY - AR  
CUSTODIANS: ARMY - AR NAVY - AS  
AIR FORCE - 82 DLA -

REVIEW: AV, IS, SH  
USER: AT, GL, MC, ME, MI, OS, YD, NASA-JFK  
PROJECT NUMBER: 5340-1958

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET

TITLE

CLEVIS, ROD END-ADJUSTING,  
WIDE AND NARROW FORKS

SPECIFICATION SHEET NUMBER

MS27975D 22 JANUARY 1990

SUPERSEDING MS27975C 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. LOCATION OF HOLE RADially AT MANUFACTURER'S OPTION, .312 FROM END.
5. 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.
6. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

PREPARING ACTIVITY: ARMY - AR  
CUSTODIANS: ARMY - AR NAVY - AS  
AIR FORCE - 82 DLA -

REVIEW: AV, IS, SH  
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TITLE  
CLEVIS, ROD END-ADJUSTING,  
WIDE AND NARROW FORKS

SPECIFICATION SHEET NUMBER

**MS27975D** 22 JANUARY 1980

SUPERSEDING **MS27975C8** MAY 1970

AMSC- N/A FSC-5340

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