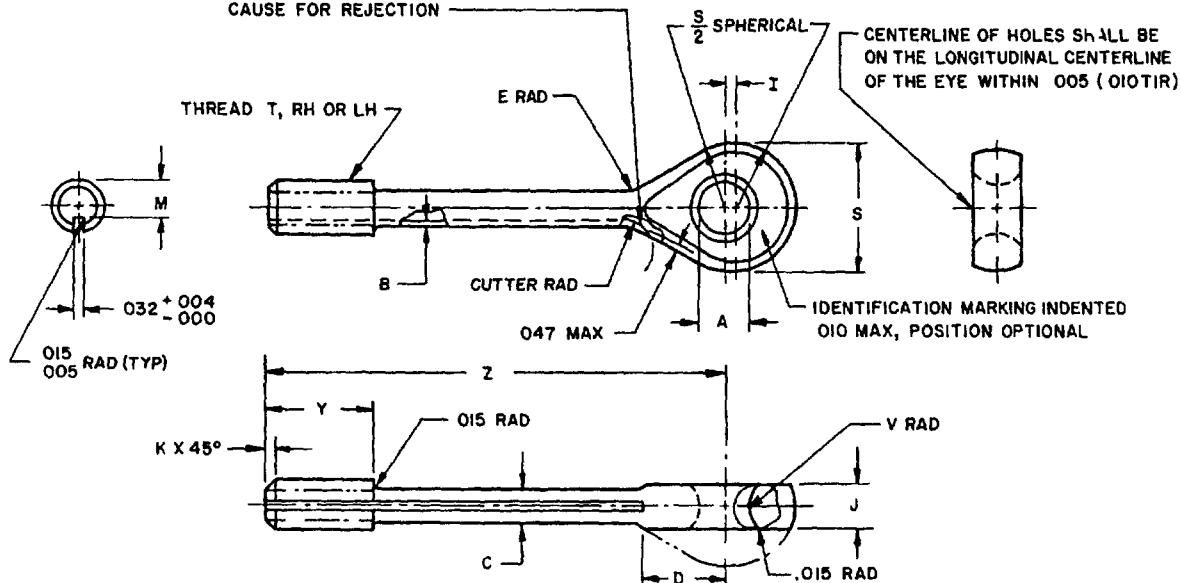


FED SUP CLASS  
5340CUTTER RADIUS MARKS ARE PERMISSIBLE  
ON THIS SURFACE AND SHALL NOT BE  
CAUSE FOR REJECTION

DASH NO DIRECTION OF THREAD	WIRE ROPE DIA REF	MIN BREAKING STRENGTH LB	THREAD T UNF-3A	A + .010 - .000 DIA	B MAX	C + .006 - .000 DIA	D ± .031	E ± .031 RAD	I + .010 - .000	J ± .005	K + .000 - .010	M		S DIA	V ± .016 RAD	Y ± .047	Z + .031 - .015
												MAX	MIN				
-2RS -2LS	1/16	800	6-40	188	0096	094	325	125		125		.1139	1094	375	094	.375	1.500
-2RL -2LL	3/32	1600	10-32	219	0077	133	416	156	031	188	031	1638	1568	.500	172	500	2.375
-3RS -3LS	5/32	3200	1/4-28	281	0103	189	512	219		219		2224	2152	625	203	625	1.625
-3RL -3LL	3/16	4600	5/16-24	313	0064	243	.527	250	047	281		2830	2754	688	250	750	2.500
-5RS -5LS	1/4	8000	3/8-24	375	0057	306	678	281	063	328		3454	3378	875	375	875	1.750
-5RL -5LL	9/32	12500	7/16-20	469	0056	362	831	359	078	375	.047	4052	3972	1063	453	1000	2.625
-10RL -10LL	5/16	17500	1/2-20	563	0058	425	900	406		469	063	4678	4597	1188	500		3.625

(a) DASH NUMBERS -4 AND -7 ADD. THESE PART INACTIVE FOR NEW DESIGN.

MATERIAL STEEL, CARBON OR ALLOY IN ACCORDANCE WITH PROCUREMENT SPECIFICATION  
 PROTECTIVE TREATMENT CADMIUM PLATE, QQ-P-416, TYPE II, CLASS 3.  
 THREAD DATA THREADS IN ACCORDANCE WITH MIL-S-7742.  
 REMOVE ALL BURRS AND SHARP EDGES.  
 DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010

FIRST LETTER FOLLOWING DASH NUMBER INDICATES DIRECTION OF THREAD (LEFT OR RIGHT HAND); SECOND LETTER FOLLOWING DASH  
 NUMBER INDICATES LENGTH (SHORT OR LONG).

EXAMPLE OF PART NUMBER MS21255-2LS = EYE, TURNBUCKLE, NO. 6-40, LEFT HAND THREAD, SHORT.

MS21255 ITEMS CAN REPLACE AN170 ITEMS OF LIKE THREAD SIZE AND MATERIAL (SEE SHEET 2)

MS21255 ITEMS ARE INTERCHANGEABLE WITH THE NAS647 ITEMS OF LIKE THREAD SIZE AND MATERIAL

NOTE USE -5 PARTS WITH 1/8 INCH DIAMETER WIRE ROPE, MINIMUM BREAKING STRENGTH 2200 POUNDS.

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

FOR CHANGES SEE SHEETS 1 AND 2

P.A. USAF-82 Other Cast NAVY-AS ARMY-AV Air Force-99 PROCUREMENT SPECIFICATION MIL-T-8878	(K)	TITLE Connector, Rod End, Turnbuckle, Clip Locking	MILITARY STANDARD MS21255
SUPERSEDES AN170, NAS647 (SEE NOTES)		SHEET 1 OF 2	

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

User activities  
Review activities  
DSC-15

THIS MILITARY STANDARD IS APPROVED FOR USE BY ALL DEPARTMENTS  
AND AGENCIES OF THE DEPARTMENT OF DEFENSE. SELECTION FOR ALL  
NEW ENGINEERING AND DESIGN APPLICATIONS AND FOR REPETITIVE USE  
SHALL BE MADE FROM THIS DOCUMENT.

APPROVED 1 NOV 61  
REVISED (K) 3 NOV 82

FED SUP CLASS  
5340

(K)

## INTERCHANGEABILITY TABLE

THE PARTS COVERED BY DASH NUMBERS SHOWN ON ANI70 ARE CANCELLED AFTER 25 NOVEMBER 1963. USE THE DASH NUMBERS GIVEN IN THE PRECEEDING SHEET. THE CANCELLED PARTS CANNOT REPLACE THE NEW PARTS AND SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED. USE ONLY THE MS2I255 PARTS FOR DESIGN AND REPLACEMENT. REPLACEMENT SHALL BE IN ACCORDANCE WITH THIS TABLE.

PART NUMBERS	
CANCELLED	NEW
ANI70	MS2I255
DASH NUMBER	DASH NUMBER
5	NO REPLACEMENT
8	2
16	3
22	4 (a)
32	5
46	6
61	7 (a)
80	8
125	9
175	10

(a) DASH NUMBER 5 AND 8 CHANGE TO 4 AND 7.

DASH 4 AND 7 ARE INACTIVE FOR NEW DESIGN, AND ARE TO BE USED ONLY FOR REPLACEMENT OF THE OLD CANCELLED ANI70 SUPERSEDED PARTS.

Review activities:  
DSC-1S

THIS MILITARY STANDARD IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE. SELECTION FOR ALL NEW ENGINEERING AND DESIGN APPLICATIONS AND FOR REPETITIVE USE SHALL BE MADE FROM THIS DOCUMENT.

APPROVED 25 NOV 63 REVISED (K) FOR CHANGES SEE SHEETS 1 AND 2 3 NOV 82

P.A. USAF- 82 (K)  
Other Cust  
NAVY - AS  
ARMY - AV  
Air Force-99  
PROCUREMENT SPECIFICATION  
MIL-T-8878

TITLE

Connector, Rod End, Turnbuckle,  
Clip Locking

SUPERSEDES

ANI70, NAS647

MILITARY STANDARD

MS2I255

SHEET 2 OF 2