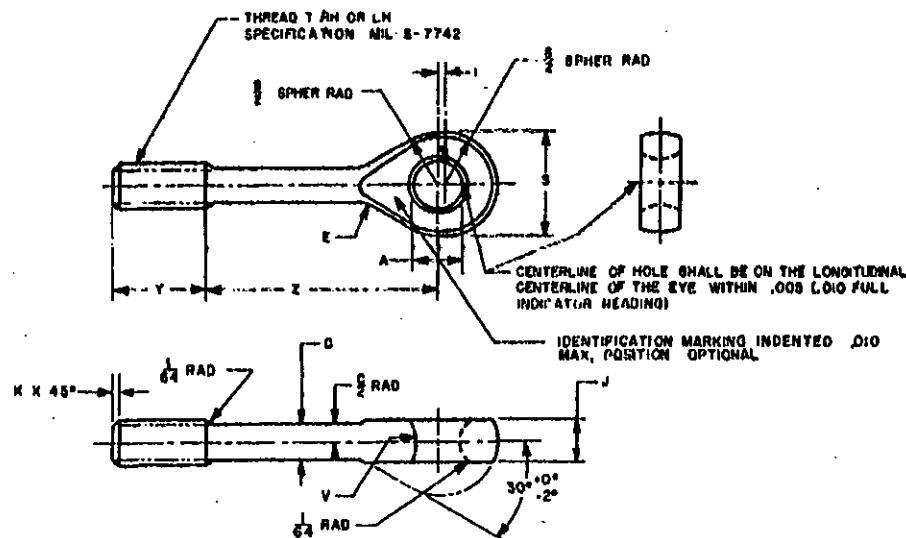


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government assumes no responsibility, nor any obligation, and the fact that the Government may have furnished, furnished, or so may supply the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner endorsing the product or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval shown.



AN PART NO.	MIN BREAKING STRENGTH LB	THREAD T UNF-3A (a)	A +.010 -.000 DIA	C +.008 -.000 DIA	E RAD	I +.010 -.000	J ±.005	K MAX	S DIA	V RAD	Y ±.047	Z +.031 -.015
AN170-5LS	550	NO. 4-48	.172	.078	.084	.031	.125	.031	.344	.094	.344	.469
AN170-5RS												
AN170-6LS	800	NO. 6-40	.188	.094	.125	.031	.125		.375	.094	.375	1.125
AN170-6RS												
AN170-16LS	1 600	NO. 10-32	.219	.133	.158	.031	.189		.500	.172	.500	1.125
AN170-16RS												2.000
AN170-16LL												
AN170-16RL												
AN170-22LS	2 200	1/4 -28	.219	.155	.156	.031	.189		.500	.172	.563	1.125
AN170-22RS												2.000
AN170-22LL												
AN170-22RL												
AN170-32LS	3 200	1/4 -28	.281	.169	.219	.047	.219		.625	.203	.625	1.125
AN170-32RS												2.000
AN170-32LL												
AN170-32RL												
AN170-46LS	4 600	5/16-24	.313	.243	.250	.047	.281		.688	.250	.750	1.125
AN170-46RS								2.000				
AN170-46LL												
AN170-46RL												
AN170-61LL	6 100	3/8 -24	.344	.256	.281	.063	.281	.047	.750	.33	.875	2.000
AN170-61RL												
AN170-80LL	8 000	5/8 -24	.375	.308	.281	.063	.326		.875	.375	.875	2.000
AN170-80RL												
AN170-125LL	12 500	7/16 -20	.469	.362	.359	.076	.375	1.063	.453	1.000	2.375	
AN170-125RL												
AN170-175LL	17 500	1/2 -20	.563	.425	.406	.078	.469	1.188	.500	1.000	2.625	
AN170-175RL												

⑩ CANCELLED AFTER 10 DECEMBER 1971. USE MS21255.

INTERCHANGEABILITY RELATIONSHIP: MS21255 CAN REPLACE THE CANCELLED AN170 PARTS IDENTIFIED BY LIKE MATERIAL AND THREAD SIZE. THE CANCELLED AN170 PARTS CANNOT REPLACE THE MS21255 PARTS AND SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED. USE ONLY THE SUPERSEDING MS21255 PARTS OF LIKE MATERIAL AND THREAD SIZE.

(4) UNF-3A THREAD FOR ALL EXCEPT NOS. 4-48, 6-40 AND 10-32 WHICH ARE NF-3A.

MATERIAL: STEEL. SEE PROCUREMENT SPECIFICATION.

FINISH: SEE PROCUREMENT SPECIFICATION.

FIRST LETTER FOLLOWING DASH NUMBER INDICATES DIRECTION OF THREAD (LEFT OR RIGHT HAND)

EXAMPLES OF PART NOS.: AN170-5LS = EYE - TURNBUCKLE, NO 4-48 LEFT HAND THREAD, SHORT.

AN170-46RL = EYE - TURNBUCKLE, 5/16-24 RIGHT HAND THREAD, LONG.

REMOVE ALL LOOSE AND HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, FRACTION ±1/64.

⑩ REINSTATED
 8 SEPTEMBER
 1970

PROCUREMENT
 SPECIFICATION
 MIL-T-5685

AIR FORCE-NAVY AERONAUTICAL STANDARD
 EYE - AIRCRAFT TURNBUCKLE, FOR CABLE

AN170

SUPERSEDES FORMER AIR FORCE AND NAVY
 STANDARD ISSUES OF AN170, USAF DRAWING
 037995 AND 037996, NAF DRAWING 704-A
 AND AND1034-4.

APPROVED 1 SEP 42 REVISED 10 DEC 71