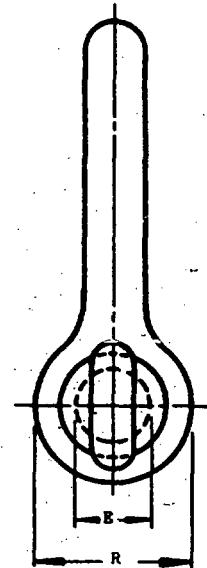
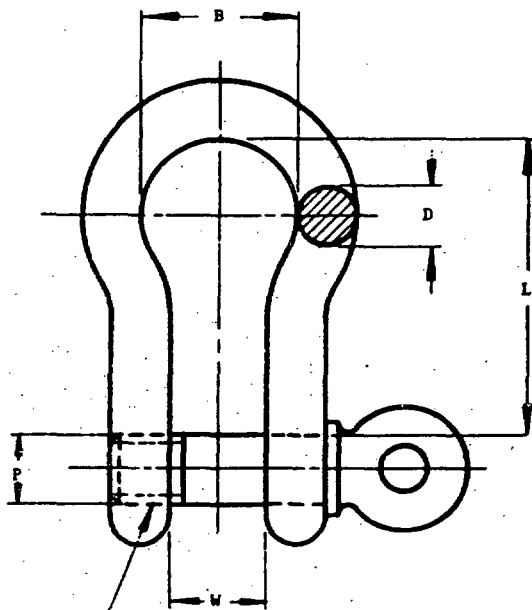


NOTE: This drawing was approved by joint action of the Air Force and Navy Departments and is the standard for this product. This drawing supersedes all antecedent standard drawings for this product and shall become effective for the procurement of aeronautical supplies, or for use in new facilities, not later than 90 days after the latest date of approval.

REVISIONS: When Government drawings, specifications, or other data are used for any purpose other than in connection with procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, except as may be expressed in writing by the Government. In any way applying the said drawings, specifications, or other data, it is to be regarded as the responsibility of the purchaser to ascertain that such drawings, specifications, or other data are in any manner, including the holder's, or other person's or organization's, or employing any rights or permission in manufacturer, user, or any other person's possession that may in any way be related thereto.



② THREAD T SPECIFICATION MIL-S-7742

AN PART NUMBER	BREAKING STRENGTH MIN LB (REF)	B BOW WIDTH	D MIN DIA	E INSIDE DIA UNTHREADED EYE	L INSIDE LENGTH	P PIN DIA	R OUTSIDE DIA EYE	THREAD T	W WIDTH BETWEEN EYES	WT LB APPROX		
AN116-3	2 600	.625	.188	.281	±.016	.875	.250	+0.016 -0.000	.594	1/4 -20	.375	.08
AN116-4	3 550	.750	.250	.375	1.125	.312	.375	.719	5/16-18	.469	±.031	.12
AN116-5	5 300	.875	.312	.438	1.250	.375	.875	3/8 -16	.531	.21		
AN116-6	7 950	1.031	.375	.500	1.438	.438	1.000	7/16-14	.656	.32		
(a) AN116-7	10 850	1.188	.438	.562	1.688	.500	1.125	1/2 -13	.719	.49		
AN116-8	14 150	1.312	.500	.688	1.938	.625	1.312	5/8 -11	.812	.73		
(a) AN116-9	17 900	1.500	.562	.688	2.125	.625	1.438	3/4 -10	UNC-2A UNC-2B	.875	.92	
AN116-10	22 100	1.688	.625	.812	±.031	2.500	±.125	.750	1.062	1.51		
AN116-12	31 800	1.938	.750	.938	3.000	.875	1.875	±.062	7/8 -9	1.250	±.062	2.26
AN116-14	43 250	2.250	.875	1.062	3.250	1.000	+0.031 -0.000	2.062	1	1.438	±.062	3.40
AN116-16	56 550	2.625	1.000	1.188	3.750	1.125	2.438	1-1/8 -7	1.688	4.95		
AN116-18	66 800	2.875	1.125	1.312	4.250	1.250	2.688	1-1/4 -7	1.812	6.91		
AN116-20	82 500	3.188	1.250	1.438	4.500	1.375	3.000	1-3/8 -6	2.000	8.99		
AN116-22	99 800	3.562	1.375	1.562	5.250	±.250	1.500	3.312	1-1/2 -6	2.250	12.19	
AN116-24	118 700	3.812	1.500	1.688	+0.062 -0.031	5.750	1.625	3.562	1-5/8 -5-1/2	NS-2A NS-2B	2.375	15.95
AN116-26	139 500	4.438	1.625	1.812	6.250	1.750	3.812	1-3/4 -5	2.625	±.125	19.10	
AN116-28	161 600	4.875	1.750	2.094	7.000	2.000	4.062	2	UNC-2A UNC-2B	2.875	27.50	
AN116-32	211 100	5.562	2.000	2.344	±.062	7.750	2.250	4.625	±.125	2-1/4 -4-1/2	3.250	39.00

- ② (a) AN PART NUMBERS AN116-7 AND AN116-9 INACTIVE FOR DESIGN AFTER 23 NOVEMBER 1956.
  - ② FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO. 337.
  - ② MATERIAL: GRADE C FORGED CARBON STEEL, SEE PROCUREMENT SPECIFICATION.
  - ② FINISH: ZINC COATING, SEE PROCUREMENT SPECIFICATION, EXCEPT IF THE HOT-DIP (GALVANIZING) PROCESS IS USED, THE COATING SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATION ASTM A-153.
- DIMENSIONS IN INCHES.
- ② MAXIMUM WORKING LOAD EQUAL TO 1/5 MINIMUM BREAKING STRENGTH.

PROCUREMENT SPECIFICATION RR-C-271 TYPE IV, CLASS 1	AIR FORCE-NAVY AERONAUTICAL STANDARD SHACKLE, ANCHOR, FORGED CARBON STEEL SCREW PIN	AN116
---	--	-------

APPROVED 8 Jun 52 REVISED 1 6 Jun 51 2 20 Nov 56