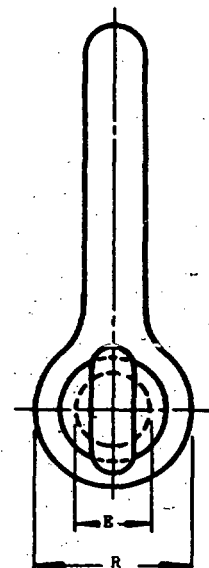
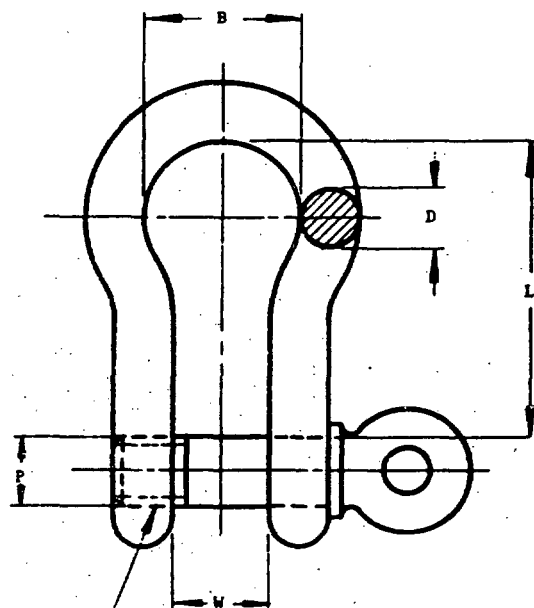


NOTE: This drawing was approved by joint action of the Air Force and Navy Departments in accordance with the Joint Force Navy Standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall be considered effective for the procurement of additional supplies, or for use in new facilities, not later than 30 months after the latest date of approval shown.



2 THREAD T
SPECIFICATION MIL-S-7742

②		②		②		②		②		②		②	
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	±.016 -.000	.594	1/4 -20	.375	.08	
AN116-4	3 550	.750	.250	.375	1.125	.312	.719	5/16-18	.669	±.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	.812	2.125	1.438	1.625	3/4 -10	UNC-2A UNC-2B	.875	.92		
AN116-10	22 100	1.688	.625	.938	2.500	1.625	1.875	7/8 -9	1.062	1.51			
AN116-12	31 800	1.938	.750	1.062	3.000	.875	2.062	1	1.250	2.26			
AN116-14	43 250	2.250	.875	1.188	3.250	1.000	2.438	1 -8	1.438	±.062	3.40		
AN116-16	56 550	2.625	1.000	1.438	3.750	1.125	2.688	1-1/8 -7	1.688	4.95			
AN116-18	66 800	2.875	1.125	1.688	4.250	1.250	3.000	1-1/4 -7	1.812	6.91			
AN116-20	82 500	3.188	1.250	1.938	4.500	1.375	3.312	1-3/8 -6	2.000	8.99			
AN116-22	99 800	3.562	1.375	2.188	5.250	1.500	3.562	1-1/2 -6	2.250	12.19			
AN116-24	118 700	3.812	1.500	2.375	5.750	1.625	3.812	1-5/8 -5-1/2	NS-2A NS-2B	2.375	15.95		
AN116-26	139 500	4.438	1.625	2.625	6.250	1.750	4.062	2	2.625	±.125	19.10		
AN116-28	161 600	4.875	1.750	2.875	7.000	2.000	4.438	2 -4-1/2	2.875	27.50			
AN116-32	211 100	5.562	2.000	3.312	7.750	2.250	4.875	2-1/4 -4-1/2	UNC-2A UNC-2B	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.

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

② SHACKLE, ANCHOR, FORGED CARBON
STEEL SCREW PIN

AN116