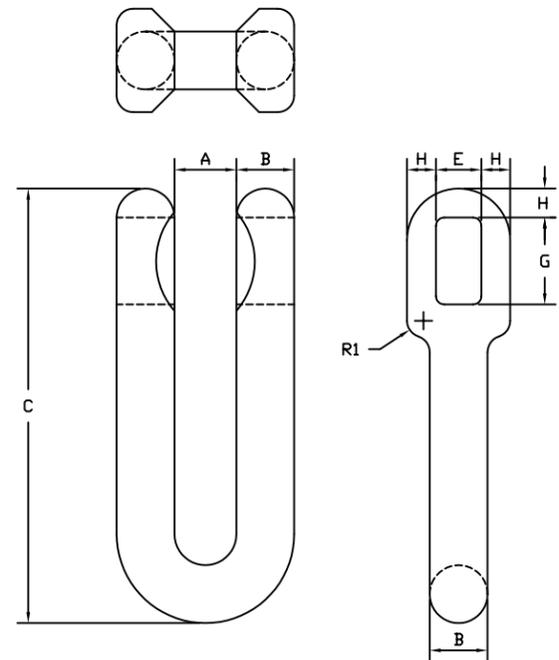
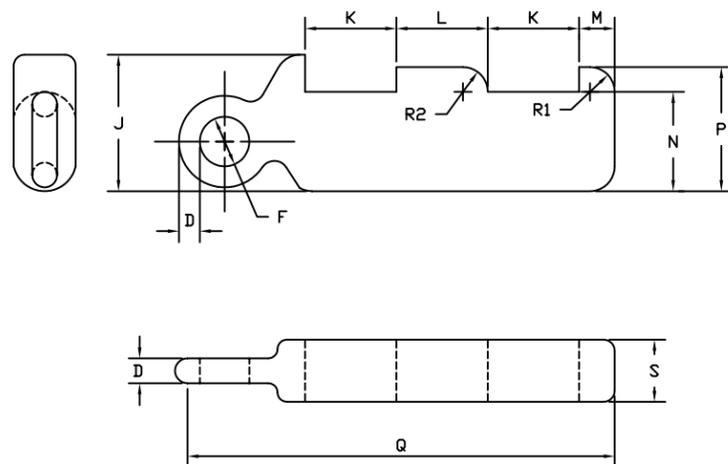


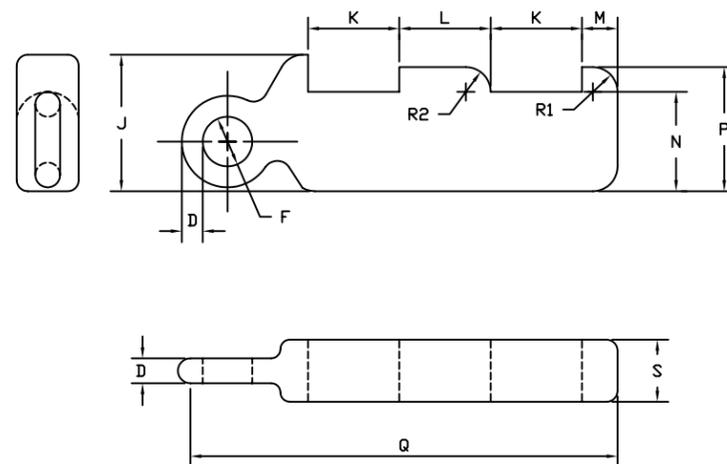
① SHACKLE BODY  
(1st CLASS)



② SHACKLE BODY  
(2nd CLASS)



③ SHACKLE PIN  
(1st CLASS)



④ SHACKLE PIN  
(2nd CLASS)

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R1	R2	S
1st CLASS	1-7/8	1-3/4	13-1/8	1/2	1-3/8	1	2-5/8	7/8	2-3/4	1-27/32	1-25/32	23/32	2	2-1/2	8-7/8	1/2	3/8	1-1/4
2nd CLASS	1-5/8	1-5/8	11-7/8	1/2	1-11/32	1	2-5/8	3/4	2-3/4	1-23/32	1-17/32	19/32	2	2-1/2	8-1/8	1/2	3/8	1-3/16
TOLERANCES	±1/32	±1/32	±1/16	±1/32	±1/32	±1/32	±1/32	±1/32	±1/32	±1/32	±1/32	±1/32	±1/32	±1/32	±1/16	±1/32	±1/32	±1/32

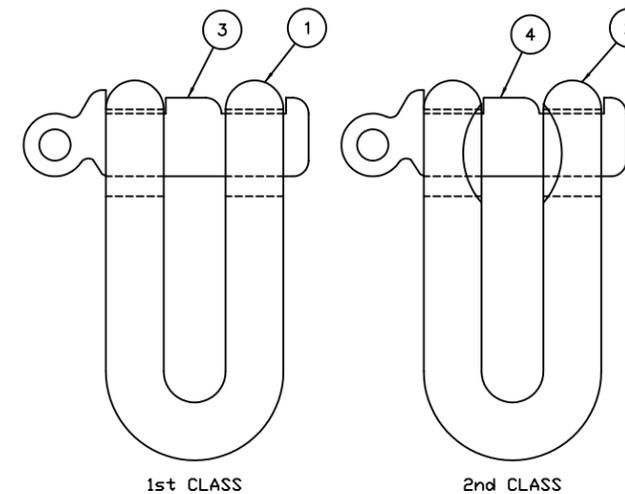
PLOTTING SCALE:

BILL OF MATERIALS

ITEM NO.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	SHACKLE BODY (1st CLASS)	STEEL	
2	1	SHACKLE BODY (2nd CLASS)	STEEL	
3	1	SHACKLE PIN (1st CLASS)	STEEL	
4	1	SHACKLE PIN (2nd CLASS)	STEEL	

NOTES:

- THIS DRAWING SUPERCEDES U.S.C.G. DRAWING No. 120988.
- SEE U.S.C.G. CIVIL ENGINEERING SPECIFICATION No. 417 FOR FABRICATION REQUIREMENTS.



SHACKLE ASSEMBLIES

	PROOF LOAD	BREAKING LOAD	WEIGHT (APPROX.)
1st CLASS	90,000	180,000	30
2nd CLASS	65,000	130,000	23

REV.	DATE	APPR.	DESCRIPTION	BY
C	3-13-91	SW	REDRAWN USING AUTOCAD	DAG
B	2-23-88	SW	ADDED NOTES 1 & 2. INCREASED PROOF AND BREAKING LOAD VALUES	W.D.
A	8-1-86	SW	DELETED REFERENCES TO OCEAN ENGINEERING DIVISION.	W.D.
DESIGNED:			U.S. COAST GUARD HEADQUARTERS	
DRAWN: W.D.			CIVIL ENGINEERING	
TRACED: D.A.G.			MODEER SHACKLES	
CHECKED:				
REVIEWED BY:				
S. D. Walker				
PROJECT ENGINEER				
REVIEWED BY:				
B. H. DeBok				
G-ECV-3B				
REVIEWED BY:			APPROVED: R. Ross	
			DATE	
UNLESS OTHERWISE SPECIFIED:			DRAWING NUMBER	
ALL DIMENSIONS ARE IN INCHES.			121080	
TOLERANCES: DIM.			REV. C	
ANG.			SCALE: NONE SHEET 1 OF 1	