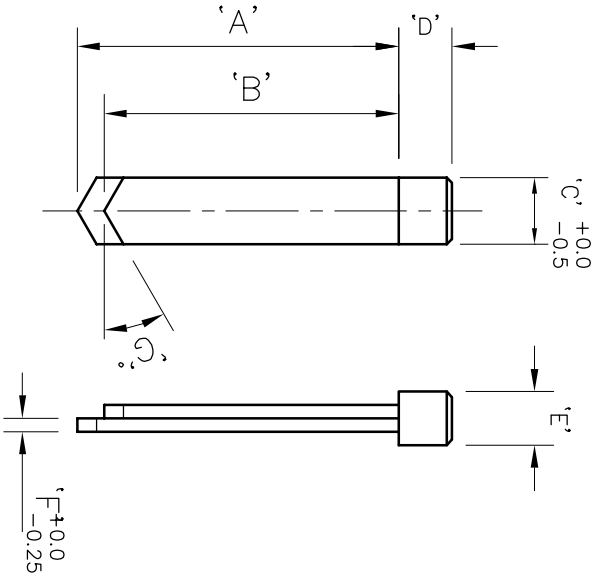


COTTER PIN



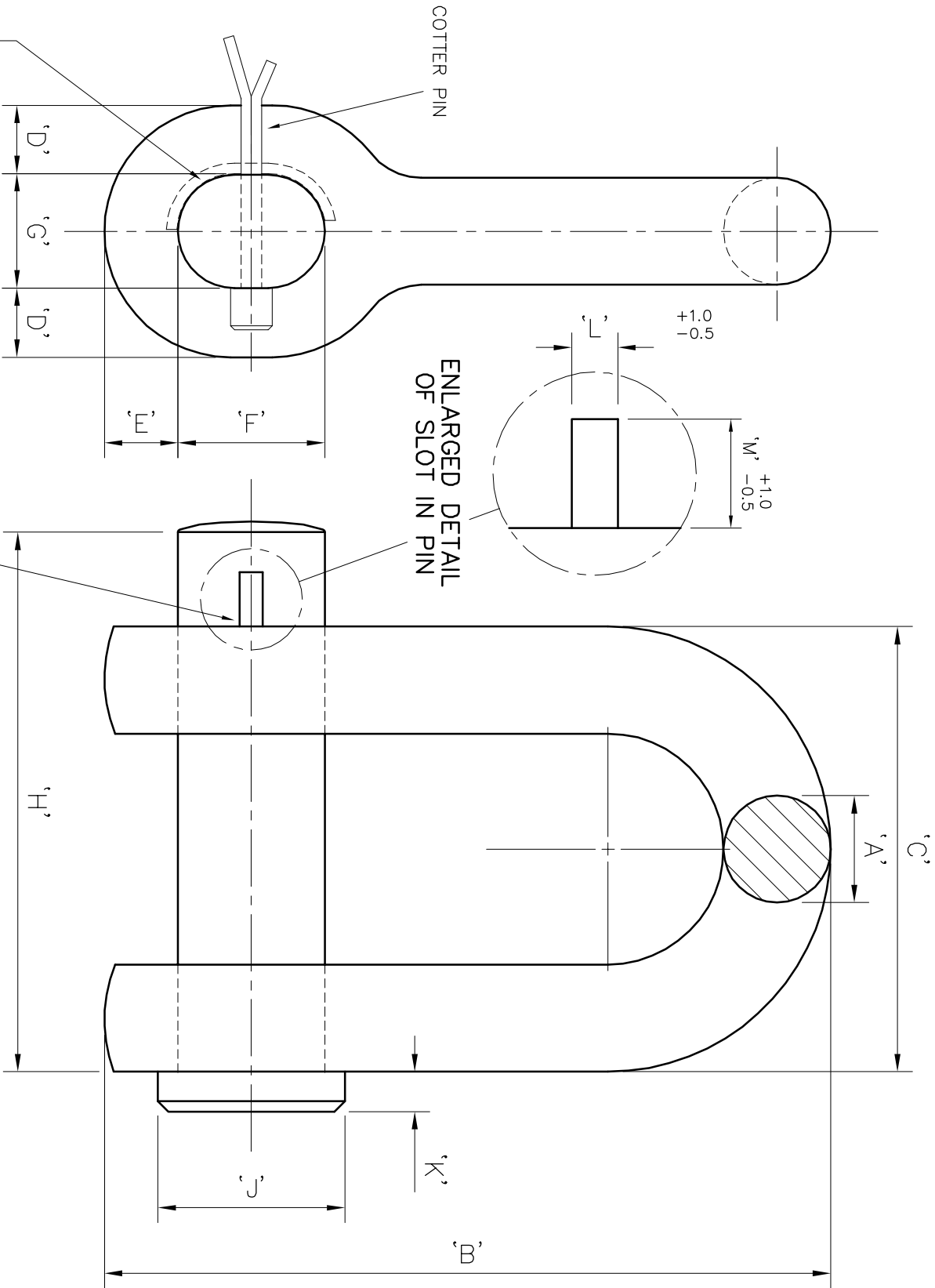
TOLERANCING

UNLESS OTHERWISE STATED

LINEAR: $\pm 1.0\text{mm}$
ANGULAR: $+1.0^\circ$

COTTER PIN DIMENSIONS							
FORELOCK SIZE	A	B	C	D	E	F	G
35	80	70	20	20	20	5	30°
41	120	110	25	20	20	5	30°
46	120	110	25	20	20	5	30°
57	140	125	40	25	24	6	30°
65	140	125	40	25	24	6	30°

FORELOCK END SHACKLE



N.B. FORELOCK SLOTS
TO BE MACHINED FLUSH
WITH BOW.

TOLERANCING
UNLESS OTHERWISE STATED
GENERAL: $\pm 5\%$
MATL. DIA.: $+2.5\%$ - 0%

FORELOCK SIZE	BODY DIMENSIONS					PIN DIMENSIONS							CHAIN SIZE
	A	B	C	D	E	F	G	H	J	K	L	M	
35	35	243	150	22	24	49	38	190	62	13	11	21	26
41	41	276	170	26	28	56	43	210	71	16	11	26	32
46	46	311	192	28	32	63	49	234	79	17	11	26	38
57	57	370	236	38	41	79	57	292	106	19	13	41	42
65	65	409	261	42	45	87	63	323	117	21	13	41	44

DO NOT SCALE

THIS DRAWING UNLESS STAMPED
IN RED "CONTROLLED DRAWING"
WILL NOT BE UPDATED

THIS DRAWING IS THE PROPERTY OF THE
CORPORATION OF TRINITY HOUSE. IT MUST NOT BE
LOANED, REPRODUCED, COPIED, OR
WRITTEN PERMISSION OF THE CORPORATION.

GENERAL TOLERANCES EXCEPT WHERE STATED:
WHOLE NUMBERS AS STAT
ONE DECIMAL PLACE AS STAT
ALL OTHER TOLERANCES ARE TO BE DEFINED.

NOTES

ASSOCIATED SPECIFICATION

MOORING CHAIN SPECIFICATION:
NAVIGATION BUOY MOORINGS
TH SPECIFICATION NO S015

DRN:	J.A.C.	CHD:	PRB	APPV:	RV
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F	17/07/13	SPECIFICATION NOTE AMENDED IN ACCORDANCE WITH HD 774.
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DRN:	I.T.C.	ENG	F.G.C.	MAN'R	C.A.M.	PRIN'	C.A.M.
------	--------	-----	--------	-------	--------	-------	--------

E	15/11/01	NOW SHEET 1 OF 2 26mm. FORELOCK END SHACKLE DETAILS SHOWN. CHAIN SIZES ADDED TO TABLE. ALL AS D.A.R. 1308
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DRN:	F.C.	ENG	MAN'R	PRIN'
		A.H.W.	F.C.	A.H.W.
D	7.2.01	NOTE DESCRIBING FIT BETWEEN PIN AND BOW AMENDED.		

DRN:	I.T.C.	ENG	A.H.W.	MAN'R	F.G.C.	PRIN'	P.N.H.
------	--------	-----	--------	-------	--------	-------	--------

C	6.9.99	TITLES ON DIMENSION BLOCKS REVISED.
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DRN:	EEH	ENG	MAN'R	PRIN'
		A.H.W.	A.H.W.	A.H.W.
B	9.7.99	57 AND 65mm SIZES ADDED.		

DRN:	K.R.A	ENG	JES	MAN'R	AHW	PRIN'	AHW
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A	4.12.98	UNUSED SHACKLE SIZES DELETED. SHACKLE SIZES NOW REFER TO BODY MATERIAL DIAMETER. SPECIFICATION REFERENCE CHANGED.
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REV	DATE	DETAILS
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Trinity House

OPERATIONS DIRECTORATE
HARWICH, ESSEX

BUOY MOORING DETA
BUOYS

FORELOCK END SHACKLE
AND COTTER PIN DETAILS

DRAWN BY:	I.T.C.	DATE:	10/01/98	SCALE:	.
CHECKED:	JES	DRG. No.	YBD/2		
APPROVED:	AHW				
19 Jul 2016		SHEET	1 OF 2	REV.	F