

NOTES :

A. MATERIAL AND FINISH:

SHANK AND SPINDLE- TYPE 17-4 PH STAINLESS STEEL PER AMS 5643 OR EQUIVALENT, PASSIVATED PER ASTM A967  
HANDLE AND BUTTON- TYPE 303 STAINLESS STEEL PER ASTM A581/582, PASSIVATED PER ASTM A967 OR 2024 ALUMINUM ALLOY PER AMS QQ-A-225/6, BLACK ANODIZE PER AMS-A-8625.  
BALLS- 440C STAINLESS STEEL PER AMS-QQ-S-763, PASSIVATED PER ASTM A967.  
WASHER- TYPE 300 SERIES STAINLESS STEEL PER ASTM A240, PASSIVATED PER ASTM A967.  
SPRING- TYPE 302 STAINLESS STEEL PER ASTM A313, PASSIVATED PER ASTM A967.  
ATTACHING RING- 302 STAINLESS STEEL PER ASTM A313  
PASSIVATED PER ASTM A967 OR HARD DRAWN CARBON STEEL WIRE PER ASTM A227.  
LANYARD- STAINLESS STEEL CABLE PER MIL-DTL-83420, TYPE 1, COMP. B WITH VINYL COATING PER MIL-I-631, TYPE F, GRADE A, CAT. 1, COLOR GREEN.

B. SOUTHCO IS A QSLM CERTIFIED MANUFACTURER OF QUICK RELEASE PINS. THE LOCKWELL QUICK RELEASE PINS ON THIS DRAWING CAN BE MANUFACTURED TO THE SPECIFICATIONS OF MS17984 AND NAS1333 THRU NAS1346. PARTS ORDERED TO MS AND NAS SPECIFICATIONS ARE CERTIFIED TO NAS1332 AND NASM23460.

C. WHEN MANUFACTURED TO MS OR NAS SPECIFICATIONS, MS OR NAS IS PUNCHED IN THIS LOCATION.

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ASSEMBLY, LOCKWELL PIN, "B" HANDLE  
SINGLE ACTING

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
30JAN2009	MJS	JF	1.25:1	J-LG-CB
INCHES				ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.
THIRD ANGLE PROJECTION				B PAPER SIZE
CAGE CODE SV287				

PART NUMBER:

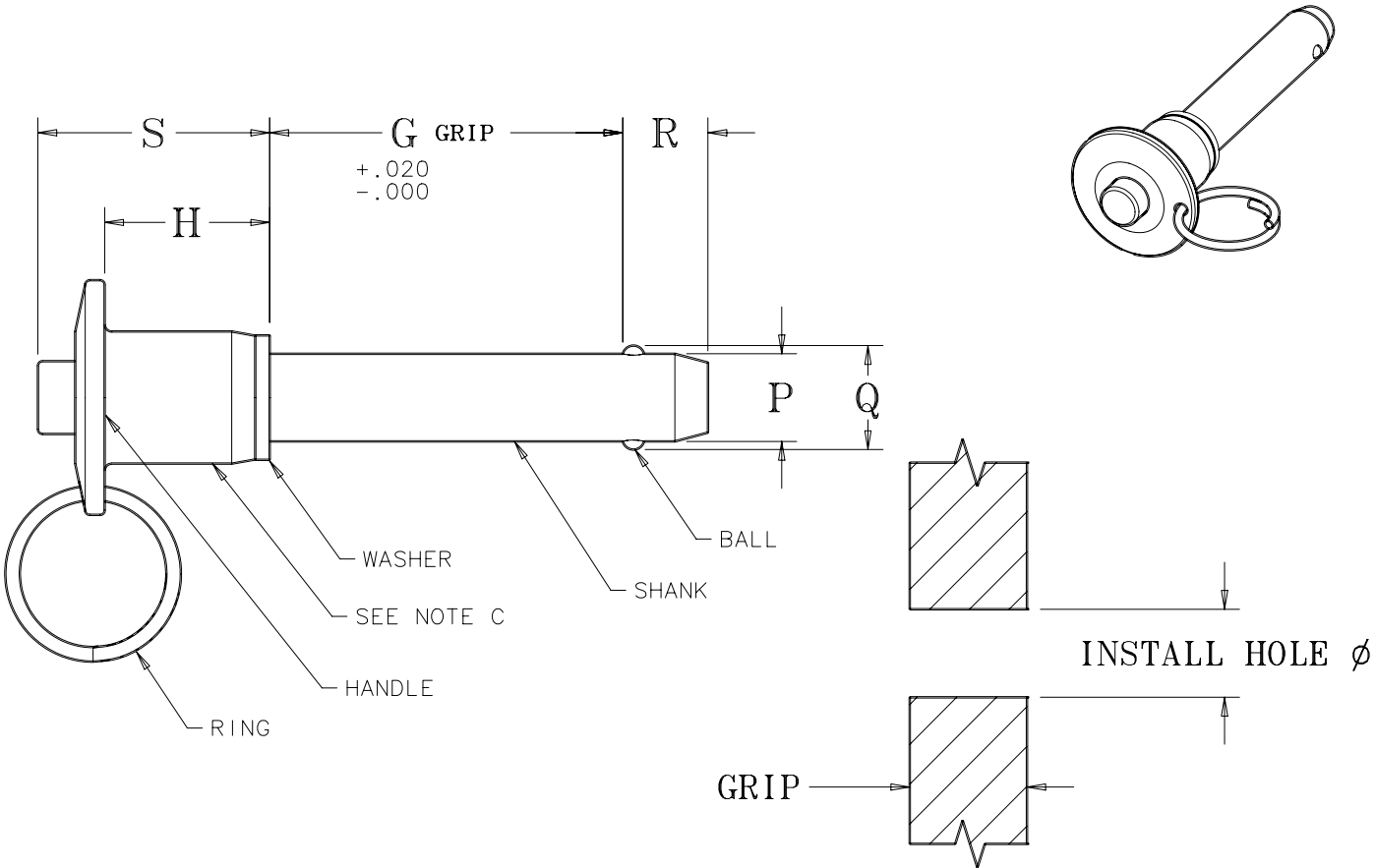
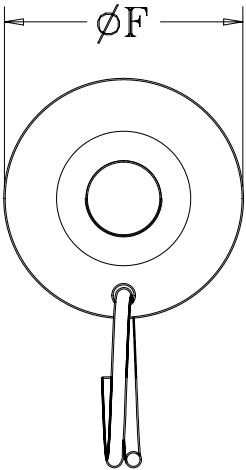
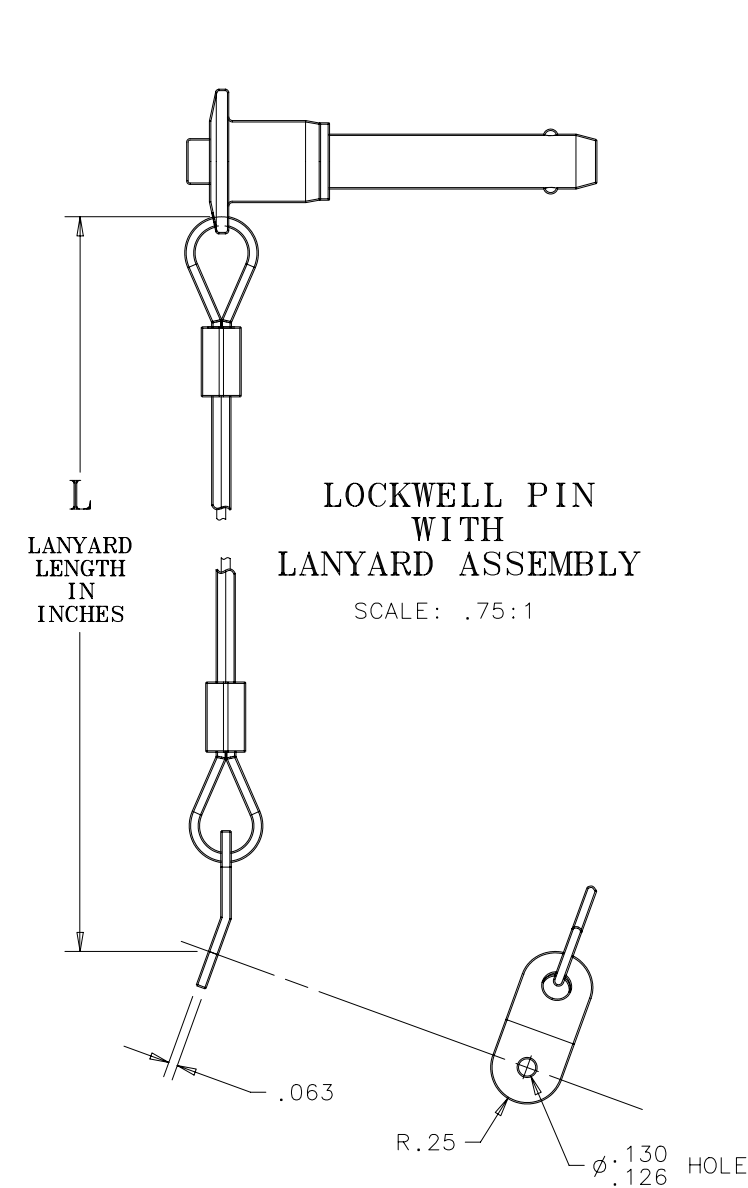
LG-D C B G F 750 L12

SHANK DIA (SEE TABLE)

B = CRES HANDLE & BUTTON  
BA = ALUMINUM HANDLE & BUTTON

GRIP IN THOUSANDTH INCH INCREMENTS  
EX: LG-4CB1000L6 = 0.25 in. DIAMETER,  
1 in. GRIP LENGTH, 2-BALL, 6 in. LANYARD

LANYARD LENGTH IN INCHES  
(OMIT IF NO LANYARD REQUIRED)  
  
LONGER NON-STD "R" DIM IN THOUSANDTH  
INCH INCREMENTS. (OMIT FOR STD. "R" DIM)  
  
"F" = 4 BALL  
(OMIT FOR STANDARD LENGTH 2 BALL)



INSTALL HOLE

PIN SIZE	D	$\phi P$ +.0000 -.0015	Q ±.005	R +.000 -.030	$\phi F$	S MAX.	H MIN.	MIN. TENSION LOAD CAPABILITIES		CALCULATED DOUBLE SHEAR STRENGTH	INSTALL HOLE $\phi$	
								2-BALL	4-BALL		MIN.	MAX.
3/16	3	.1885	.220	.260	.800/.720	.830	.480	200 lbf	260 lbf	5150 lbf	.190	.194
1/4	4	.2485	.289	.290	.800/.720	.890	.500	230 lbf	290 lbf	9200 lbf	.250	.254
5/16	5	.3110	.375	.330	1.135/.810	.930	.630	510 lbf	630 lbf	14400 lbf	.3125	.3165
3/8	6	.3735	.440	.365	1.135/.875	1.040	.650	575 lbf	740 lbf	20600 lbf	.375	.379
7/16	7	.4360	.509	.380	1.400/.940	1.160	.800	710 lbf	920 lbf	28000 lbf	.4375	.4425
1/2	8	.4985	.594	.460	1.400/1.300	1.190	.800	1160 lbf	1500 lbf	36800 lbf	.500	.505
9/16	9	.5610	.666	.510	1.600/1.340	1.410	.980	1420 lbf	1840 lbf	46000 lbf	.5625	.5675
5/8	10	.6235	.750	.580	1.600/1.530	1.500	.980	2070 lbf	2690 lbf	57500 lbf	.625	.630
3/4	12	.7485	.887	.670	1.900/1.790	1.680	1.150	2950 lbf	3835 lbf	82500 lbf	.750	.757
7/8	14	.8735	1.046	.760	2.200/2.120	1.985	1.280	3900 lbf	5070 lbf	112500 lbf	.875	.882
1	16	.9985	1.219	.890	2.200/2.120	2.140	1.500	5480 lbf	7120 lbf	147000 lbf	1.000	1.010