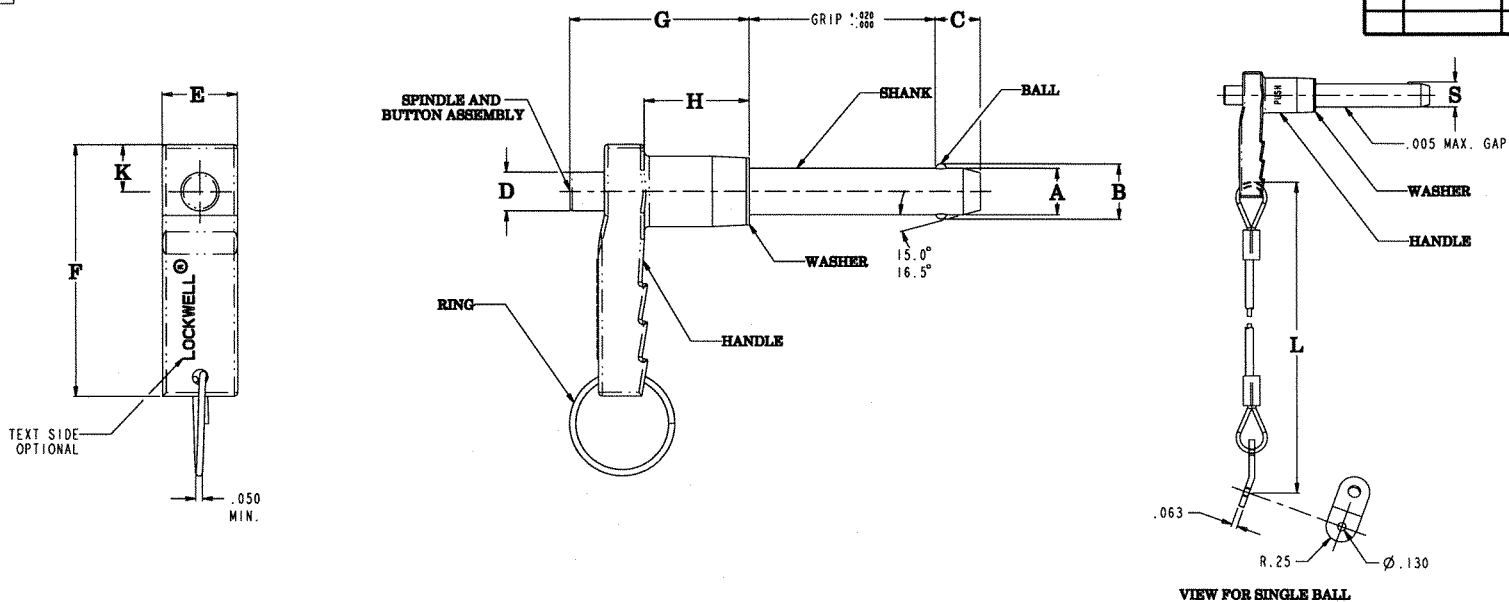
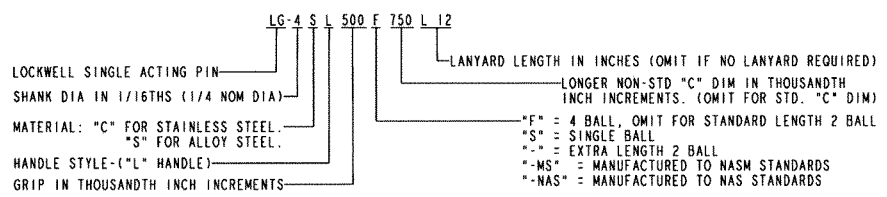


**PROPRIETARY ITEM**  
 EXCEPT FOR USES EXPRESSLY GRANTED  
 IN WRITING, INFORMATION DISCLOSED  
 HEREON IS CONFIDENTIAL AND ALL  
 RIGHTS, PATENT AND OTHERWISE,  
 ARE RESERVED BY SOUTHCO, INC.

REVISION HISTORY				
REV	DATE	DRAWN	CHECKED	DESCRIPTION



NOTES:  
 A. EXAMPLE OF PART NUMBER FOR PIN ASSEMBLY:



PIN DASH NO.	Ø A		B	C		Ø D	E	F	G MAX.	H MIN.	K MAX.	S
	+ .0000	- .0015		+ .000	- .030							
-3	.1885	.225/.215	.260	.310/.250	.500/.380	1.800/1.720	1.270	.760	.340	.204/.195		
-4	.2485	.292/.284	.290	.310/.250	.500/.380	1.800/1.720	1.270	.760	.340	.267/.260		
-5	.3110	.377/.370	.330	.310/.250	.500/.380	1.800/1.720	1.270	.760	.340	.340/.332		
-6	.3735	.443/.435	.365	.390/.300	.625/.510	2.030/1.945	1.450	.850	.390	.404/.396		
-7	.4360	.512/.504	.380	.390/.300	.625/.510	2.030/1.945	1.470	.850	.390	.472/.465		
-8	.4985	.598/.589	.460	.565/.435	.800/.630	2.360/2.230	1.600	.850	.500	.545/.536		
-9	.5610	.671/.661	.510	.565/.435	.800/.630	2.360/2.230	1.600	.850	.500	.615/.598		
-10	.6235	.753/.745	.580	.580/.450	.975/.810	3.070/2.385	1.700	.905	.600	.683/.675		
-12	.7485	.892/.882	.670	.700/.570	1.000/.810	3.070/2.465	1.720	.980	.600	.819/.805		
-14	.8735	1.048/1.041	.760	.840/.700	1.320/1.120	3.700/2.750	2.140	1.200	.800	.957/.947		
-16	.9985	1.222/1.214	.890	.950/.750	1.320/1.180	3.700/2.750	2.140	1.200	.800	1.107/1.097		

B. MATERIAL AND FINISH:  
 ALLOY STEEL TYPE (S):

SHANK AND SPINDLE- 4130 STEEL PER AMS-S-6758 AND AMS 6360, CADMIUM PLATE PER AMS-QQ-P-416, TYPE 11, CL.2.  
 HANDLE- CAST ALUMINUM ALLOY PER ASTM B85 OR 6061-T6 EXTRUDED ALUMINUM PER AMS-QQ-A-200/8, BLACK ANODIZE PER AMS-A-8625.  
 BUTTON- CARBON STEEL PER ASTM A108, CADMIUM PLATE PER AMS-QQ-P-416, TYPE 11, CL.2 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- CARBON STEEL PER ASTM A366, CADMIUM PLATE PER AMS-QQ-P-416, TYPE 11, CL.2.  
 SPRING- STEEL MUSIC WIRE PER ASTM A228.  
 ATTACHING RING- HARD DRAWN CARBON STEEL WIRE PER ASTM A227 OR TYPE 302 SATINLESS STEEL PER ASTM A313, PASSIVATED PER ASTM A967.

STAINLESS STEEL TYPE (C):

SHANK AND SPINDLE- TYPE 17-4 PH STAINLESS STEEL PER AMS 5643 OR EQUIVALENT, PASSIVATED PER ASTM A967.  
 HANDLE- CAST ALUMINUM ALLOY PER ASTM B85 OR 6061-T6 EXTRUDED ALUMINUM PER AMS-QQ-A-200/8, BLACK ANODIZE PER AMS-A-8625.  
 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.

THIRD ANGLE PROJECTION			 CONNECT-CREATE-INNOVATE	
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.		TITLE <b>ASSEMBLY,          LOCKWELL PIN, "L" HANDLE          SINGLE ACTING</b>		
CAGE CODE <b>SV287</b>	INCHES	SYSTEM Pro/E	DWG NO <b>J-LG-CL</b>	
SURFACE AREA XXXXXmm <sup>2</sup>	VOLUME XXXXXmm <sup>3</sup>	DRWN/CHKD MRL/XXX	DATE 20JUL2006	SCALE NTS SHEET 1 OF 1