



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.

# No. 85 FASTENER OVAL HEAD STUD

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
04SEP2015	CMS	NJF	2:1	J-85-11-1

REV	DATE	DRAWN/CHKD	DESCRIPTION	PART NUMBER	MATERIAL	FINISH
A	04SEP2015	CMS/NJF	PRN: P2015-1522	SEE TABLE	SEE NOTE A	SEE NOTE A
B	23SEP2015	CMS/NJF	PRN: P2015-1927			
C	06OCT2017	CMS/YS	PRN: P2017-2459			
D	25JUN2018	CMS/FC	PRN: P2018-1524			

**INCHES**

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

THIRD ANGLE PROJECTION

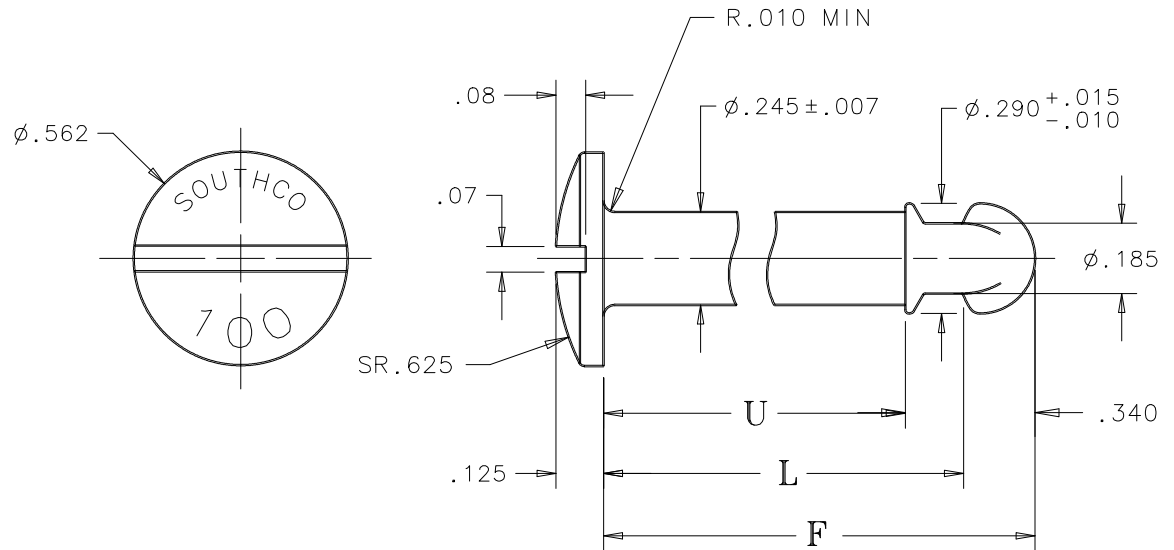
A PAPER SIZE

SHEET 1 OF 2

PART NUMBER	LION PART No.	U	L	F
85-11-060-XX	5-0-60	.165	.320	.505
85-11-080-XX	5-0-80	.185	.340	.525
85-11-100-XX	5-0-100	.205	.360	.545
85-11-120-XX	5-0-120	.225	.380	.565
85-11-140-XX	5-0-140	.245	.400	.585
85-11-160-XX	5-0-160	.265	.420	.605
85-11-180-XX	5-0-180	.285	.440	.625
85-11-200-XX	5-0-200	.305	.460	.645
85-11-220-XX	5-0-220	.325	.480	.665
85-11-240-XX	5-0-240	.345	.500	.685
85-11-260-XX	5-0-260	.365	.520	.705
85-11-280-XX	5-0-280	.385	.540	.725
85-11-300-XX	5-0-300	.405	.560	.745
85-11-320-XX	5-0-320	.425	.580	.765
85-11-340-XX	5-0-340	.445	.600	.785
85-11-360-XX	5-0-360	.465	.620	.805
85-11-380-XX	5-0-380	.485	.640	.825
85-11-400-XX	5-0-400	.505	.660	.845
85-11-420-XX	5-0-420	.525	.680	.865
85-11-440-XX	5-0-440	.545	.700	.885
85-11-460-XX	5-0-460	.565	.720	.905
85-11-480-XX	5-0-480	.585	.740	.925
85-11-500-XX	5-0-500	.605	.760	.945
85-11-520-XX	5-0-520	.625	.780	.965
85-11-540-XX	5-0-540	.645	.800	.985
85-11-560-XX	5-0-560	.665	.820	1.005
85-11-580-XX	5-0-580	.685	.840	1.025
85-11-600-XX	5-0-600	.705	.860	1.045
85-11-620-XX	5-0-620	.725	.880	1.065
85-11-640-XX	5-0-640	.745	.900	1.085
85-11-660-XX	5-0-660	.765	.920	1.105
85-11-680-XX	5-0-680	.785	.940	1.125
85-11-700-XX	5-0-700	.805	.960	1.145
85-11-720-XX	5-0-720	.825	.980	1.165
85-11-740-XX	5-0-740	.845	1.000	1.185
85-11-760-XX	5-0-760	.865	1.020	1.205
85-11-780-XX	5-0-780	.885	1.040	1.225
85-11-800-XX	5-0-800	.905	1.060	1.245

PART NUMBER	LION PART No.	U	L	F
85-11-820-XX	5-0-820	.925	1.080	1.265
85-11-840-XX	5-0-840	.945	1.100	1.285
85-11-860-XX	5-0-860	.965	1.120	1.305
85-11-880-XX	5-0-880	.985	1.140	1.325
85-11-900-XX	5-0-900	1.005	1.160	1.345
85-11-920-XX	5-0-920	1.025	1.180	1.365
85-11-940-XX	5-0-940	1.045	1.200	1.385
85-11-960-XX	5-0-960	1.065	1.220	1.405
85-11-980-XX	5-0-980	1.085	1.240	1.425
85-11-1000-XX	5-0-1000	1.105	1.260	1.445

SEE SHEET 2 FOR MATERIAL AND FINISH SPECIFICATIONS AND ADDITIONAL PART NUMBERS.





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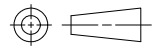
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REV	DATE	DRAWN/CHKD	DESCRIPTION	PART NUMBER	MATERIAL	FINISH
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THIRD ANGLE PROJECTION

A  
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SIZE

SHEET 2 OF 2

PART NUMBER	LION PART NUMBER	U	L	F
85-11-1020-XX	5-0-1020	1.125	1.280	1.465
85-11-1040-XX	5-0-1040	1.145	1.300	1.485
85-11-1060-XX	5-0-1060	1.155	1.320	1.505
85-11-1080-XX	5-0-1080	1.185	1.340	1.525
85-11-1100-XX	5-0-1100	1.205	1.360	1.545
85-11-1120-XX	5-0-1120	1.225	1.380	1.565
85-11-1140-XX	5-0-1140	1.245	1.400	1.585
85-11-1160-XX	5-0-1160	1.265	1.420	1.605
85-11-1180-XX	5-0-1180	1.285	1.440	1.625
85-11-1200-XX	5-0-1200	1.305	1.460	1.645
85-11-1220-XX	5-0-1220	1.325	1.480	1.665
85-11-1240-XX	5-0-1240	1.345	1.500	1.685
85-11-1260-XX	5-0-1260	1.365	1.520	1.705
85-11-1280-XX	5-0-1280	1.385	1.540	1.725
85-11-1300-XX	5-0-1300	1.405	1.560	1.745
85-11-1320-XX	5-0-1320	1.425	1.580	1.765
85-11-1340-XX	5-0-1340	1.445	1.600	1.785
85-11-1360-XX	5-0-1360	1.465	1.620	1.805
85-11-1380-XX	5-0-1380	1.485	1.640	1.825
85-11-1400-XX	5-0-1400	1.505	1.660	1.845
85-11-1420-XX	5-0-1420	1.525	1.680	1.865
85-11-1440-XX	5-0-1440	1.545	1.700	1.885
85-11-1460-XX	5-0-1460	1.565	1.720	1.905
85-11-1480-XX	5-0-1480	1.585	1.740	1.925
85-11-1500-XX	5-0-1500	1.605	1.760	1.945
85-11-1520-XX	5-0-1520	1.625	1.780	1.965
85-11-1540-XX	5-0-1540	1.645	1.300	1.985
85-11-1560-XX	5-0-1560	1.665	1.320	2.005
85-11-1580-XX	5-0-1580	1.685	1.340	2.025
85-11-1600-XX	5-0-1600	1.705	1.360	2.045
85-11-1620-XX	5-0-1620	1.725	1.380	2.065
85-11-1640-XX	5-0-1640	1.745	1.900	2.085
85-11-1660-XX	5-0-1660	1.765	1.920	2.105
85-11-1680-XX	5-0-1680	1.785	1.940	2.125
85-11-1700-XX	5-0-1700	1.805	1.960	2.145
85-11-1720-XX	5-0-1720	1.825	1.980	2.165
85-11-1740-XX	5-0-1740	1.845	2.000	2.185
85-11-1760-XX	5-0-1760	1.865	2.020	2.205

PART NUMBER	LION PART NUMBER	U	L	F
85-11-1780-XX	5-0-1780	1.885	2.040	2.225
85-11-1800-XX	5-0-1800	1.905	2.060	2.245
85-11-1820-XX	5-0-1820	1.925	2.080	2.265
85-11-1840-XX	5-0-1840	1.945	2.100	2.285
85-11-1860-XX	5-0-1860	1.965	2.120	2.305
85-11-1880-XX	5-0-1880	1.985	2.140	2.325
85-11-1900-XX	5-0-1900	2.005	2.160	2.345
85-11-1920-XX	5-0-1920	2.025	2.180	2.365
85-11-1940-XX	5-0-1940	2.045	2.200	2.385
85-11-1960-XX	5-0-1960	2.065	2.220	2.405
85-11-1980-XX	5-0-1980	2.085	2.240	2.425
85-11-2000-XX	5-0-2000	2.105	2.260	2.445

MATERIAL AND FINISH (-XX)

- 13: STEEL, CASE HARDENED; NATURAL
- 16: STEEL, CASE HARDENED; ZINC PLATE, CHROMATE PLUS SEALER
- 17: STEEL, CASE HARDENED; ZINC PLATE, YELLOW CHROMATE
- 20: STAINLESS STEEL; PASSIVATED
- 31: STEEL, CASE HARDENED; BLACK OXIDE
- 44: STAINLESS STEEL; BLACK OXIDE, SEMI-GLOSS
- 52: STEEL, CASE HARDENED; PLATED, ZINC-NICKEL BLACK