



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 WING HEAD STUD SPECIFICATIONS

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
03SEP2015	CMS	NJF	1.5:1	J-85-15

PART NUMBER	U	L	F
85-12-060-XX	.165 [4.19]	.320 [8.13]	.505 [12.83]
85-12-080-XX	.185 [4.69]	.340 [8.64]	.525 [13.34]
85-12-100-XX	.205 [5.20]	.360 [9.14]	.545 [13.84]
85-12-120-XX	.225 [5.71]	.380 [9.65]	.565 [14.35]
85-12-140-XX	.245 [6.22]	.400 [10.16]	.585 [14.86]
85-12-160-XX	.265 [6.73]	.420 [10.67]	.605 [15.37]
85-12-180-XX	.285 [7.24]	.440 [11.18]	.625 [15.87]
85-12-200-XX	.305 [7.75]	.460 [11.68]	.645 [16.38]
85-12-220-XX	.325 [8.25]	.480 [12.19]	.665 [16.89]
85-12-240-XX	.345 [8.76]	.500 [12.70]	.685 [17.40]
85-12-260-XX	.365 [9.27]	.520 [13.21]	.705 [17.91]
85-12-280-XX	.385 [9.78]	.540 [13.72]	.725 [18.42]
85-12-300-XX	.405 [10.29]	.560 [14.22]	.745 [18.92]
85-12-320-XX	.425 [10.80]	.580 [14.73]	.765 [19.43]
85-12-340-XX	.445 [11.30]	.600 [15.24]	.785 [19.94]
85-12-360-XX	.465 [11.81]	.620 [15.75]	.805 [20.45]
85-12-380-XX	.485 [12.32]	.640 [16.26]	.825 [20.95]
85-12-400-XX	.505 [12.82]	.660 [16.76]	.845 [21.46]
85-12-420-XX	.525 [13.33]	.680 [17.27]	.865 [21.97]
85-12-440-XX	.545 [13.84]	.700 [17.78]	.885 [22.48]
85-12-460-XX	.565 [14.35]	.720 [18.29]	.905 [22.99]
85-12-480-XX	.585 [14.86]	.740 [18.80]	.925 [23.49]
85-12-500-XX	.605 [15.37]	.760 [19.30]	.945 [24.00]
85-12-520-XX	.625 [15.88]	.780 [19.81]	.965 [24.51]
85-12-540-XX	.645 [16.38]	.800 [20.32]	.985 [25.02]
85-12-560-XX	.665 [16.89]	.820 [20.83]	1.005 [25.53]
85-12-580-XX	.685 [17.40]	.840 [21.34]	1.025 [26.04]
85-12-600-XX	.705 [17.91]	.860 [21.84]	1.045 [26.54]
85-12-620-XX	.725 [18.41]	.880 [22.35]	1.065 [27.05]
85-12-640-XX	.745 [18.92]	.900 [22.86]	1.085 [27.56]
85-12-660-XX	.765 [19.43]	.920 [23.37]	1.105 [28.07]
85-12-680-XX	.785 [19.94]	.940 [23.88]	1.125 [28.57]
85-12-700-XX	.805 [20.45]	.960 [24.38]	1.145 [29.08]
85-12-720-XX	.825 [20.96]	.980 [24.89]	1.165 [29.59]
85-12-740-XX	.845 [21.46]	1.000 [25.40]	1.185 [30.10]
85-12-760-XX	.865 [21.97]	1.020 [25.91]	1.205 [30.61]
85-12-780-XX	.885 [22.48]	1.040 [26.42]	1.225 [31.12]
85-12-800-XX	.905 [22.99]	1.060 [26.92]	1.245 [31.62]
85-12-820-XX	.925 [23.49]	1.080 [27.43]	1.265 [32.13]
85-12-840-XX	.945 [24.00]	1.100 [27.94]	1.285 [32.64]
85-12-860-XX	.965 [24.51]	1.120 [28.45]	1.305 [33.15]
85-12-880-XX	.985 [25.02]	1.140 [28.96]	1.325 [33.65]
85-12-900-XX	1.005 [25.53]	1.160 [29.46]	1.345 [34.16]
85-12-920-XX	1.025 [26.04]	1.180 [29.97]	1.365 [34.67]
85-12-940-XX	1.045 [26.54]	1.200 [30.48]	1.385 [35.18]
85-12-960-XX	1.065 [27.05]	1.220 [30.99]	1.405 [35.69]
85-12-980-XX	1.085 [27.56]	1.240 [31.50]	1.425 [36.19]
85-12-1000-XX	1.105 [28.07]	1.260 [32.00]	1.445 [36.70]

### 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

**INCHES [MM]**

X°:.....±2°  
 X/X:.....±1/32  
 .XX[0.X]:.....±.015[0.38]  
 .XXX[0.XX]:.....±.010[0.25]

THIRD ANGLE PROJECTION

A  
PAPER SIZE

