

(FILE NAME .... CUTTING DIE.NC)  
(PROGRAMMER ... PETER SMID)  
(TEST VERSION WITH ONE TOOL ONLY IN ALUMINUM)

(ROUGH POCKET)  
(T05 - 1/2 FLAT ENDMILL - DIA 0.5)  
N1 G20  
N2 G17 G40 G80 T05  
N3 M06  
N4 G90 G54 G00 X0.2683 Y2.7999 S2200 M03  
N5 G43 Z0.1 H05 M08  
N6 G01 Z0.075 F9.0  
N7 X0.54 Z0.0512  
N8 X0.04 Z0.0075  
N9 X0.54 Z-0.0363  
N10 X0.04 Z-0.08  
N11 X-0.06 Y2.9  
N12 X4.0575  
N13 Y0.16  
N14 X0.4581  
N15 G03 X0.665 Y0.4312 I-0.0743 J0.2712  
N16 G01 Y1.555  
N17 G02 X0.6702 Y1.5685 I0.02  
N18 G01 X1.2028 Y2.1527  
N19 G02 X1.31 Y2.2 I0.1072 J-0.0977  
N20 G01 X2.0625  
N21 G02 X3.277 Y1.3013 J-1.27  
N22 G01 X3.415 Y0.8499  
N23 G03 X3.9675 Y0.9325 I0.2701 J0.0825  
N24 G01 Y0.9327  
N25 Y0.9328  
N26 G03 X2.0625 Y2.835 I-1.905 J-0.0028  
N27 G01 X1.31  
N28 G03 X0.7336 Y2.5805 J-0.78  
N29 G01 X0.201 Y1.9963  
N30 G03 X0.03 Y1.555 I0.484 J-0.4413  
N31 G01 Y0.805  
N32 G03 X0.123 Y0.326 I1.28  
N33 X0.3095 Y0.16 I0.2608 J0.1052  
N34 G01 X-0.06  
N35 Y2.9  
N36 X0.2311 Y2.585  
N37 X0.415 Y2.61  
N38 X0.2987 Y2.585  
N39 X0.2531 Y2.535  
N40 X0.2311 Y2.385  
N41 X0.4051 Y2.2201  
N42 X0.7336 Y2.5805  
N43 G02 X1.31 Y2.835 I0.5764 J-0.5255  
N44 G01 X2.0625  
N45 G02 X3.9675 Y0.9328 J-1.905  
N46 G01 Y0.9327  
N47 Y0.9325  
N48 G02 X3.415 Y0.8499 I-0.2824 J-0.0001  
N49 G01 X3.277 Y1.3013  
N50 G03 X2.0625 Y2.2 I-1.2145 J-0.3713  
N51 G01 X1.31  
N52 G03 X1.2028 Y2.1527 J-0.145  
N53 G01 X0.866 Y1.7832

N54 X1.1015 Y1.56  
N55 X1.3978 Y1.885  
N56 X2.1728  
N57 X2.4729 Y1.785  
N58 X2.7189 Y1.61  
N59 X2.8908 Y1.385  
N60 X3.034 Y0.985  
N61 X3.1555 Y0.635  
N62 X3.2743 Y0.485  
N63 X3.4983 Y0.385  
N64 X3.7357 Y0.41  
N65 X0.954 Y0.46  
N66 X0.99 Y0.61  
N67 X0.9852 Y1.435  
N68 X1.0787 Y1.535  
N69 X1.3439 Y1.31  
N70 X1.5515 Y1.535  
N71 X2.1411  
N72 X2.3269 Y1.46  
N73 X2.4895 Y1.335  
N74 X2.5911 Y1.185  
N75 X2.7246 Y0.81  
N76 X2.7869 Y0.735  
N77 X1.3056 Y0.785  
N78 X1.3384 Y0.885  
N79 X1.3326 Y1.31  
N80 X1.6784 Y1.16  
N81 X1.7041 Y1.185  
N82 X2.0884  
N83 X2.3014 Y1.06  
N84 X1.6525 Y1.11  
N85 X2.7036 Y2.0263  
N86 G02 X3.277 Y1.3013 I-0.6411 J-1.0963  
N87 G01 X3.415 Y0.8499  
N88 G03 X3.9675 Y0.9325 I0.2701 J0.0825  
N89 G01 Y0.9327  
N90 Y0.9328  
N91 G03 X3.1995 Y2.4585 I-1.905 J-0.0028  
N92 G01 X3.4019 Y2.635  
N93 X3.7664 Y2.585  
N94 X3.7325 Y2.435  
N95 X3.7664 Y2.21  
N96 X3.6842 Y2.46  
N97 X3.5494 Y2.585  
N98 G00 Z0.1  
N99 X0.2683 Y2.7999  
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N152 X2.7189 Y1.61  
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N196 X0.04 Z-0.2025  
N197 X0.54 Z-0.2463  
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N234 G01 Y0.9327  
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N243 X1.3978 Y1.885  
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N246 X2.7189 Y1.61  
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N265 X1.3056 Y0.785  
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N267 X1.3326 Y1.31  
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N269 X1.7041 Y1.185  
N270 X2.0884  
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N283 X3.7664 Y2.21  
N284 X3.6842 Y2.46  
N285 X3.5494 Y2.585  
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N288 G01 Z-0.29  
N289 G02 X0.04 Y0.805 I1.1777 J0.4753  
N290 G01 Y1.555  
N291 G02 X0.2084 Y1.9896 I0.645  
N292 G01 X0.741 Y2.5738  
N293 G02 X1.31 Y2.825 I0.569 J-0.5188

N294 G01 X2.0625  
N295 G02 X3.9575 Y0.9328 J-1.895  
N296 G01 Y0.9327  
N297 Y0.9325  
N298 G02 X3.4246 Y0.8528 I-0.2724 J-0.0001  
N299 G01 X3.2866 Y1.3042  
N300 G03 X2.0625 Y2.21 I-1.2241 J-0.3742  
N301 G01 X1.31  
N302 G03 X1.1955 Y2.1594 J-0.155  
N303 G01 X0.6628 Y1.5752  
N304 G03 X0.655 Y1.555 I0.0222 J-0.0202  
N305 G01 Y0.4312  
N306 G02 X0.1323 Y0.3297 I-0.2712  
N307 G00 Z0.1  
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N308 S2500 M03  
N309 X0.3705 Y2.8199  
N310 G01 Z0.075 F8.0  
N311 X0.52 Z-0.0113  
N312 X0.02 Z-0.3  
N313 X-0.08 Y2.92  
N314 X4.0775  
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N318 X0.2111 Y2.615  
N319 X0.4694 Y2.64  
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N383 G02 X3.4342 Y0.8557 I-0.2624 J-0.0001  
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N428 G03 X2.0625 Y2.405 I-1.4106 J-0.4312  
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N430 G03 X1.0514 Y2.2908 J-0.35  
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N434 G00 Z0.1  
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N436 G28 Z0.1 M05  
N437 G28 X0.46 Y0.1312  
N438 M30  
%