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1: (Motorspant für Maxon Getriebe P/N 143972; 3 Loch)
2: (-----Aktuelle Definitionen-----)
3: #1=2.4      (Tooldurchmesser)
4: #2=10       (Z-Home)
5: #1000=10    (linker Rand)
6: #1001=10    (unterer Rand)
7: #1004=3.3   (Materialstärke)
8: #1002=40    (Durchmesser außen)
9: #1003=10    (Durchmesser innen)
10: #1005=14   (Lochkreisdurchmesser)
11: (-----Ende Definitionen-----)
12:
13: G00 Z[#2] (innerer Kreis)
14: G00 X[#1000+#1002/2-#1003/2+#1/2] Y[#1001+#1002/2]
15: G00 Z0
16: G01 Z[-#1004/2] F50
17: N010 M98 O0100 (call innerer Kreis)
18: G00 Z0
19: G01 Z[-#1004] F50
20: N020 M98 O0100 (call innerer Kreis)
21:
22: (Bohrungen, 3 Stk)
23: G00 X[#1000+#1002/2] Y[#1001+#1002/2+#1005/2] (mitte oben)
24: G00 Z0
25: G01 Z[-#1004] F50
26: G00 Z[#2]
27: G00 X[#1000+#1002/2-#1005/2*cos(30)] Y[#1001+#1002/2-#1005/2*sin(30)] (links
    unten)
28: G00 Z0
29: G01 Z[-#1004] F50
30: G00 Z[#2]
31: G00 X[#1000+#1002/2+#1005/2*cos(30)] Y[#1001+#1002/2-#1005/2*sin(30)] (rechts
    unten)
32: G00 Z0
33: G01 Z[-#1004] F50
34: G00 Z[#2]
35:
36: (äußerer Kreis)
37: G00 X[#1000-#1/2] Y[#1001+#1002/2]
38: G00 Z0
39: G01 Z[-#1004/2] F50
40: N030 M98 O0200 (call äußerer Kreis)
41: G00 Z0
42: G01 Z[-#1004] F50
43: N040 M98 O0200 (call äußerer Kreis)
44: G00 x0 y0
45: M02
46:
47: N0100 (subroutine innerer Kreis)
48: G02 X[#1000+#1002/2+#1003/2-#1/2] Y[#1001+#1002/2] R[-#1/2+#1003/2] F100
49: G02 X[#1000+#1002/2-#1003/2+#1/2] Y[#1001+#1002/2] R[-#1/2+#1003/2]
50: G00 Z[#2]
51: M99
52:
53: N0200(subroutine äußerer Kreis)
54: G03 X[#1000+#1002+#1/2] Y[#1001+#1002/2] R[#1/2+#1002/2] F100
55: G03 X[#1000-#1/2] Y[#1001+#1002/2]R[#1/2+#1002/2]
56: G00 Z[#2]
57: M99
58:
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