# 制造工程师问题汇总：

2010-8-19 培训发现：

1、五轴参数线加工的元素不能为裁剪曲面（只能是完整的曲面，中间不能出现断裂或者空）。
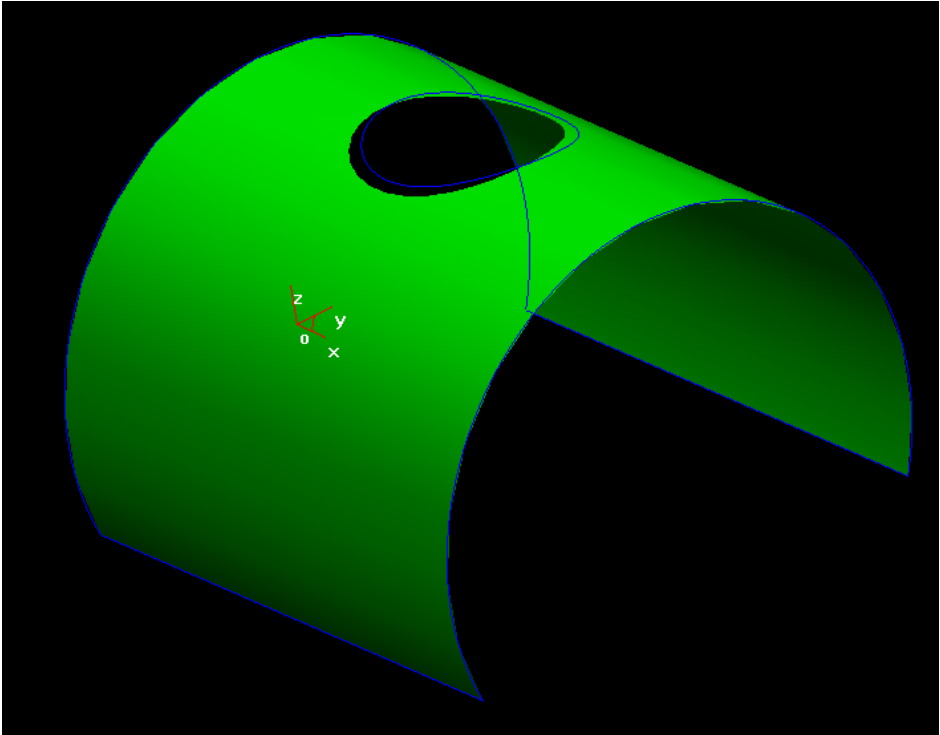


2、五轴 G01 钻孔的"直线长度决定钻孔深度"无效，之前的版本可以使用的。
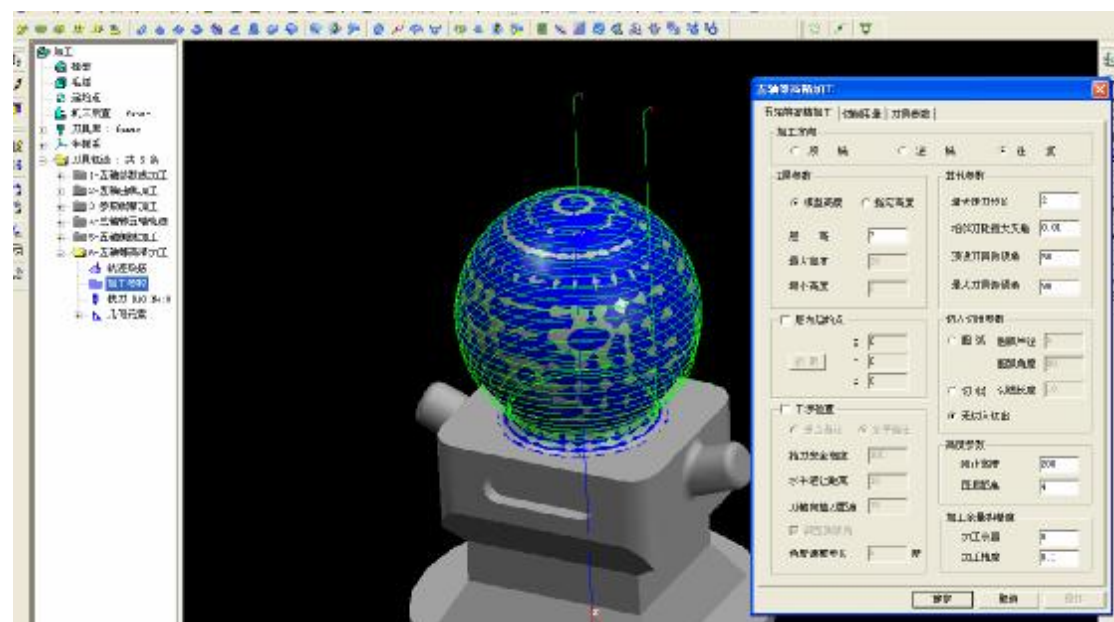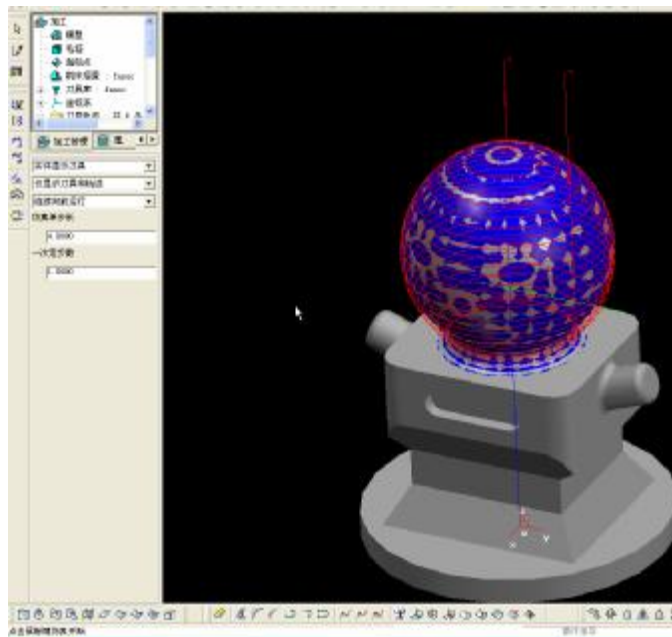
3、3 轴转 5 轴的退刀过切。
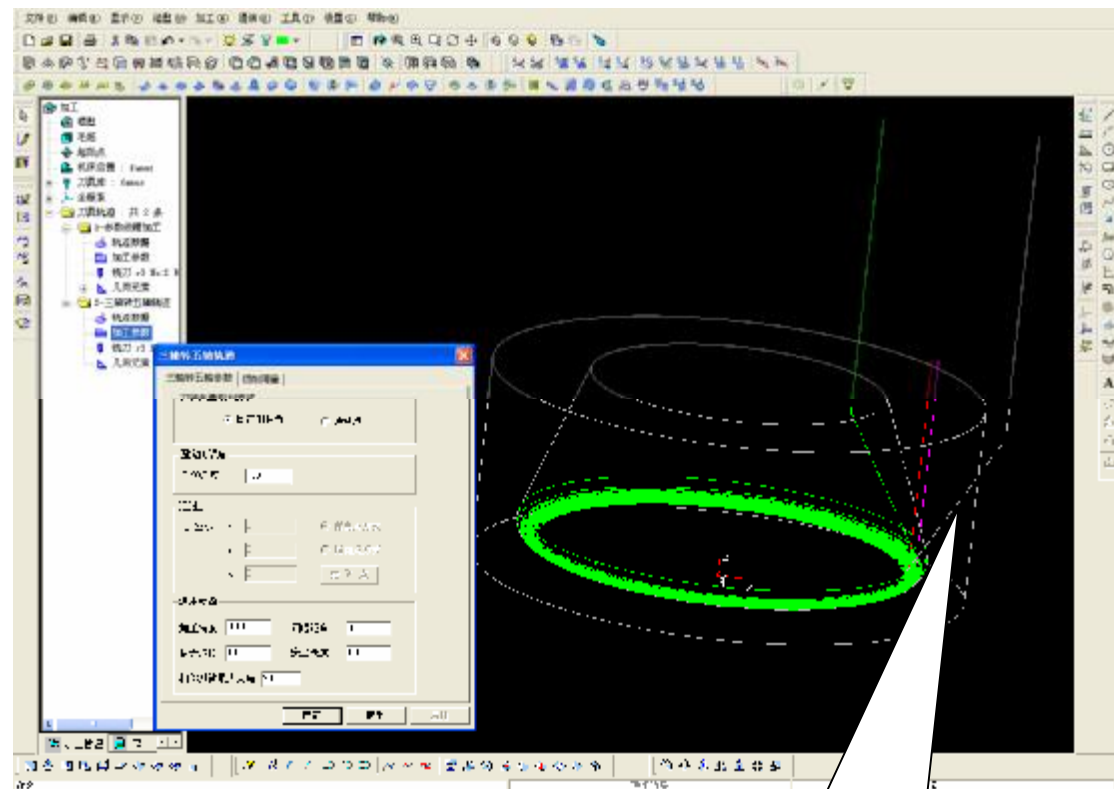


此退刀线由实体中间出来。应
与进刀角度线一致。

4、五轴等高精加工
（1）生成速度超慢

（2）线框仿真慢到接近死机状态。



（3）10 行的轨迹竟然有 27.4 M 的代码？！



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I100 G90 G55 G0 A0 C0 G05.1Q2
I102 Z200.
I104 X-4.999 Y-122.891 Z200. A-40. C-0.012
I106 S3000 M03
I108 X-4.999 Y-122.891 Z157.963
I110 G1 X-4.999 Y-99.942 Z130.613 F1000
I112 X-4.999 Y-99.942 Z125.613
I114 X-4.665 Y-101.445 Z124.352
I116 X-3.592 Y-102.729 Z123.275
I118 X-1.95 Y-103.59 Z122.552
I120 X0. Y-103.893 Z122.298
I122 X0. Y-103.893 Z122.298 C-0.028
I124 X0. Y-103.892 Z122.299 A-39.999 C-0.043
I126 X0. Y-103.891 Z122.3 C-0.059
I128 X0. Y-103.89 Z122.3 C-0.075
I130 X0. Y-103.89 Z122.301 A-39.998 C-0.09
I132 X0. Y-103.889 Z122.301 C-0.106
I134 X0. Y-103.888 Z122.302 C-0.121
I136 X0. Y-103.887 Z122.303 A-39.997 C-0.137
I138 X0. Y-103.887 Z122.303 C-0.152
I140 X0. Y-103.886 Z122.304 C-0.168
I142 X0. Y-103.885 Z122.305 A-39.996 C-0.183
I144 X0. Y-103.884 Z122.305 C-0.199
I146 X0. Y-103.884 Z122.306 C-0.214
I148 X0. Y-103.883 Z122.306 A-39.995 C-0.23
I150 X0. Y-103.882 Z122.307 C-0.245
I152 X0. Y-103.882 Z122.308 C-0.261
I154 X0. Y-103.881 Z122.308 A-39.994 C-0.277
I156 X0. Y-103.88 Z122.309 C-0.292
I158 X0. Y-103.88 Z122.309 C-0.308
I160 X0. Y-103.879 Z122.31 A-39.993 C-0.323
I162 X0. Y-103.878 Z122.31 C-0.339
I164 X0. Y-103.878 Z122.311 C-0.35
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