# The Hurco Advantage NC Merge with Patterns



### Fanuc G-Code Program Supplied NC Program

% 02012[HURCO ENGRAVE] (MATERIAL - ALUMINUM INCH - 2024) (T1000 | 1/8 BALL ENDMILL) N100 G20 N102 G0 G17 G40 G49 G80 G90 N104 T1000 M6 N106 G0 G90 X-1.9763 Y.5024 S12000 M3 N108 Z.25 N110 Z.2 N112 G1 Z-.01 F200. N114 Y.0024 F20. N116 F200. N118 Y-.4976 F20. N120 G0 Z.24 N122 Z.25 N124 Y.0024 N126 Z.2 N128 G1 Z-.01 F200. N130 X-1.3691 F20. N132 F200. N134 Y-.4976 F20. N136 G0 Z.24 N138 Z.25 N140 Y.0024 N142 Z.2



#### NC Merge Block Calling Supplied NC Program

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<u>02012(HURCO ENGRAVE)</u>

(MATERIAL - ALUMINUM INCH - 2024) ( T1000 | 1/8 BALL ENDMILL )

N100 G20

N102 G0 G17 G40 G49 G80 G90

N104 T1000 M6

N106 G0 G90 X-1.9763 Y.5024 S12000 M3

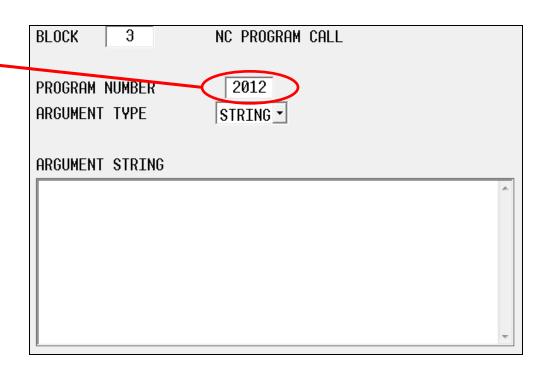
N108 Z.25

N110 Z.2

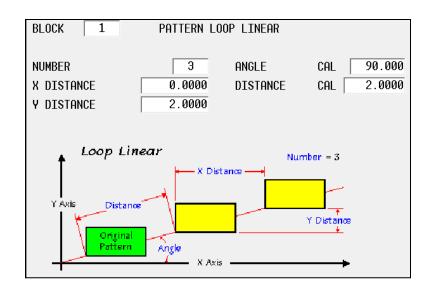
N112 G1 Z-.01 F200.

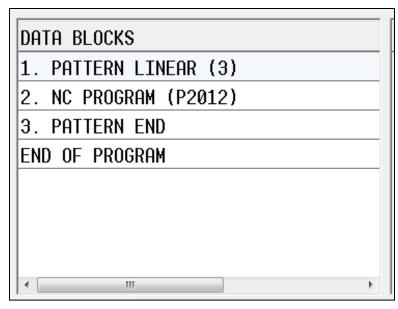
N114 Y.0024 F20.

M116 F200



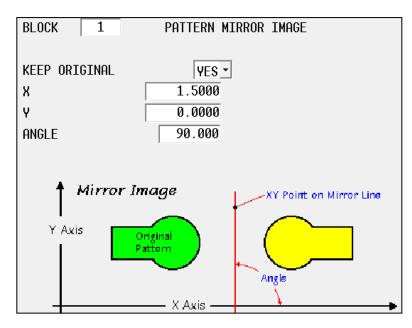
### NC Merge with Patterns Loop Linear

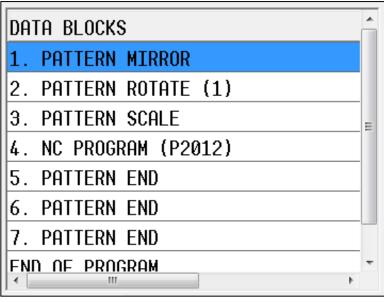


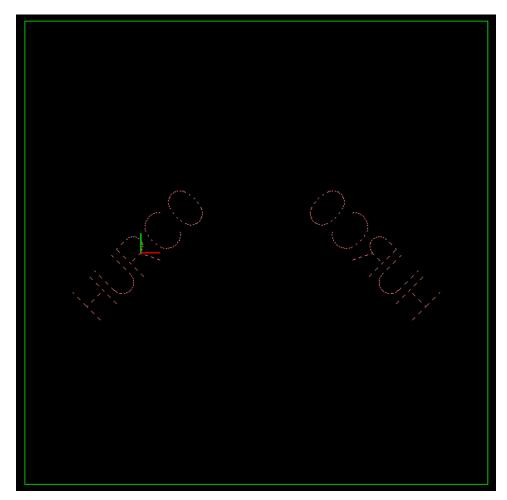


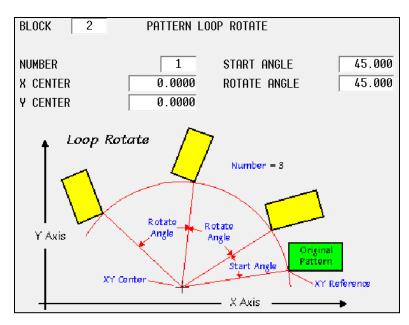


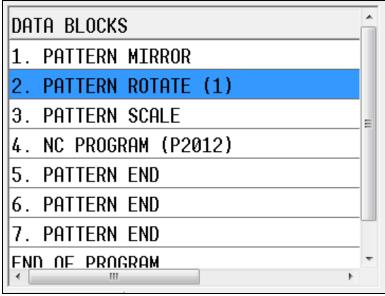
### NC Merge with Patterns Loop Rotate with Scale & Mirror

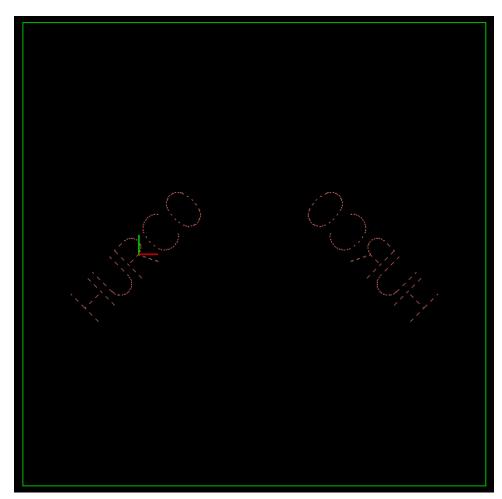


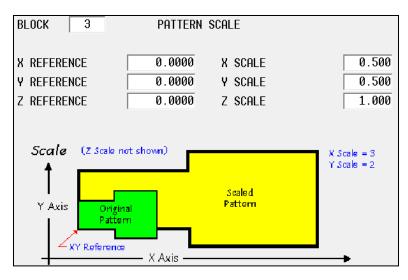


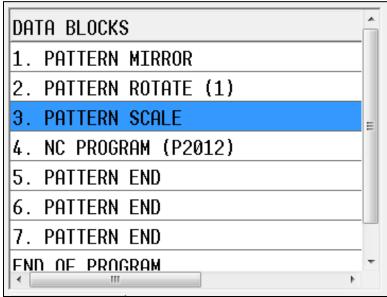


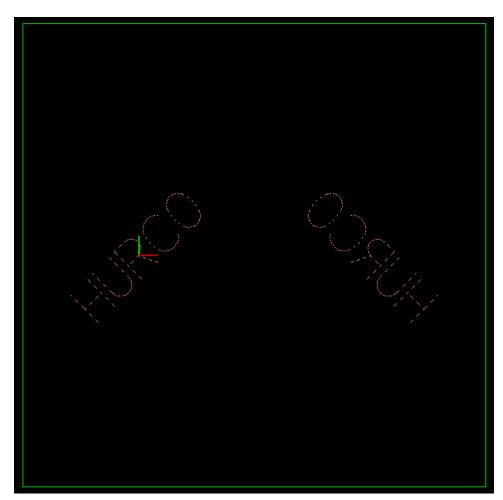




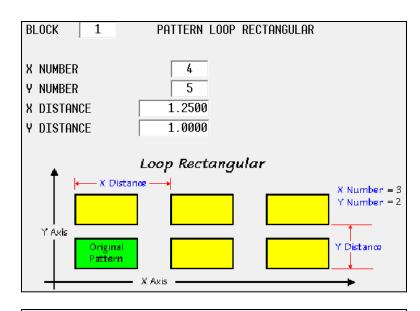


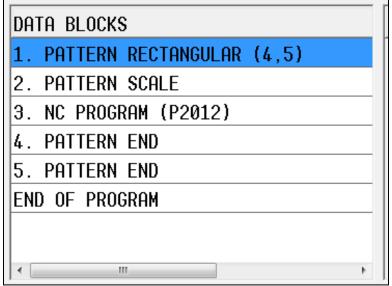




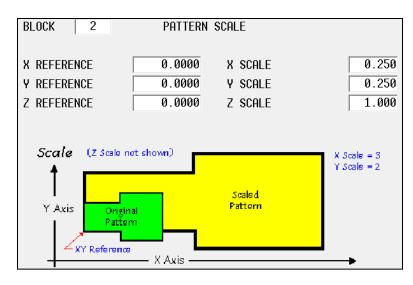


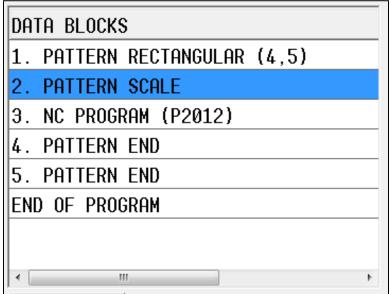
## NC Merge with Patterns Scale & Loop Rectangular













#### NC Merge with Patterns

5-Axis Transform Plane

