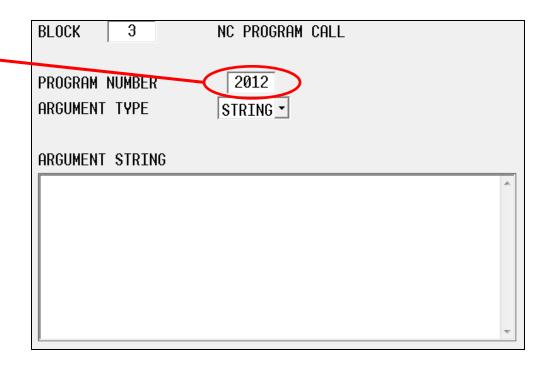
The Hurco Advantage Using NC Merge with Patterns



Hurco Applications applications @ hurco.com 317-614-1549

NC Merge Block Calling Supplied NC Program

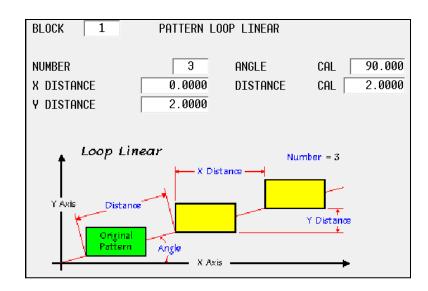
02012(EURGO ENGRAVE) (MATERIAL - ALUMINUM INCH - 2024) (T1000 | 1/8 BALL ENDMILL) N100 G20 N102 G0 G17 G40 G49 G80 G90 N104 T1000 M6 N106 G0 G90 X-1.9763 Y.5024 S12000 M3 N108 Z.25 N110 Z.2 N112 G1 Z-.01 F200. N114 Y.0024 F20. N116 F200

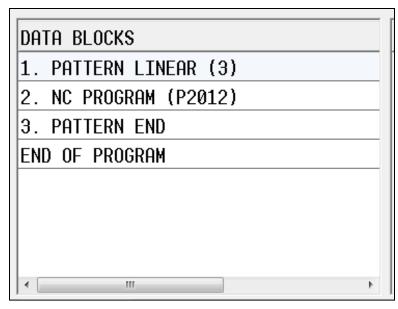


- Enter the four digit program number into the PROGRAM NUMBER field
- You must change the M02 or M30 at the end of the program to an M99
- Make sure the conversational AND the NC program are open in the program manager screen
- All types of conversational Pattern blocks, or Transform Plane blocks can be used with a merged NC program

IMPORTANT NOTE: if a G54 thru G59 work offset is called in the NC program, that work offset WILL BE USED FOR CUTTING. If you delete the G54 thru G59 callout in the program, the conversational part setup will be used by default.

NC Merge with Patterns Loop Linear

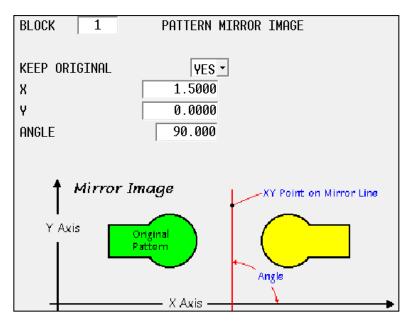


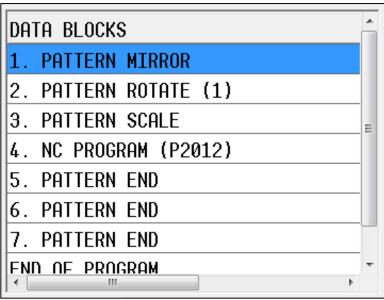


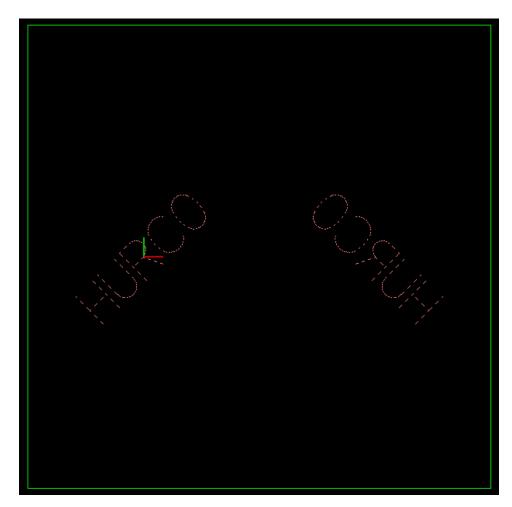


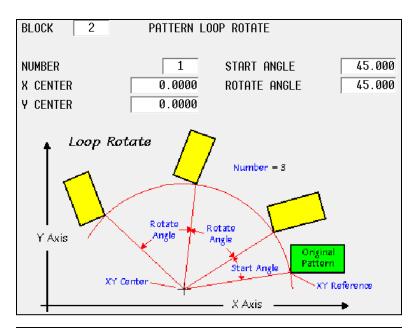
NC Merge with Patterns

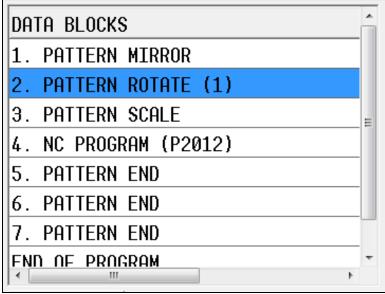
Loop Rotate, Scale, & Mirror

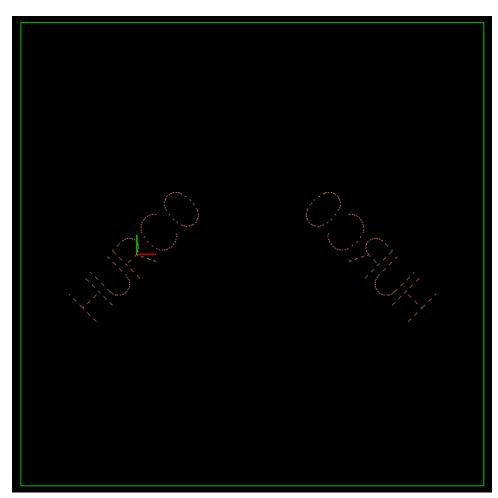


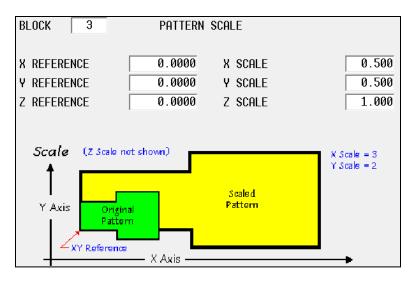


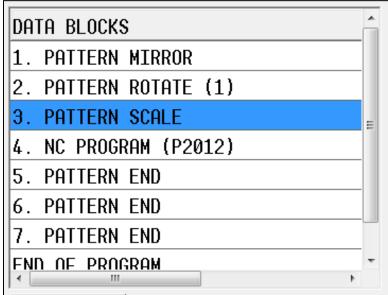


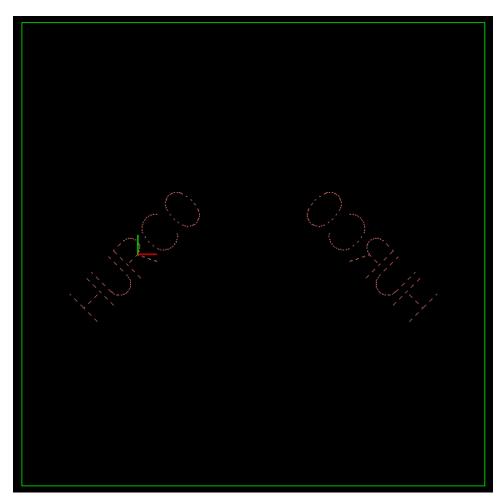




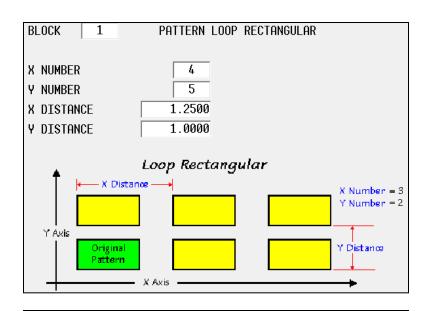


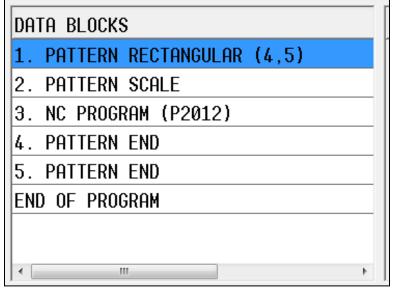




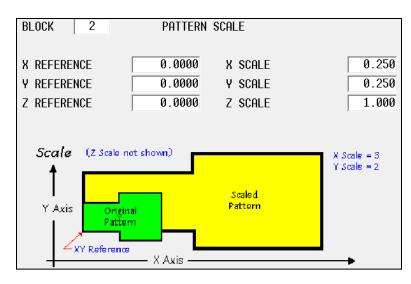


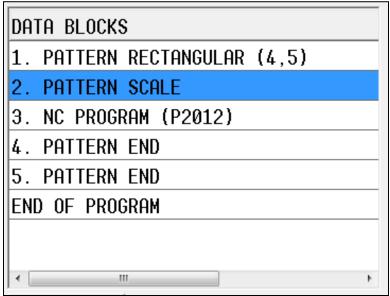
NC Merge with Patterns Scale & Loop Rectangular













NC Merge with Patterns

5-Axis Transform Plane

