

Telephone Inquiry / Quote Request / Programming Assistance / Tool Testing Form



Advent's Technical Support Staff offers free programming assistance to first time users of any Advent Thread Milling product. If you are not familiar with thread milling, we highly recommend you copy the program request form below and fill out all information. You can then fax it to 866-269-8186 or email us at info@Advent-Threadmill.com and we will return a suggested CNC program. A free CD-ROM of programming software is available upon request.

Company Name : _____ Date : ____/____/____
 Contact : _____ Phone : (____)_____
 Tooling Purchased From : _____ Fax : (____)_____

Machine Information

Brand Make : _____
 Model : _____
 Spindle Taper : 35 Cat 40 Cat 50 Cat
 Max RPM : _____

CNC Controller Information

Brand Make : _____
 Model : _____
 ISO - ASCII Compatible : Yes No Don't Know
 Is Helical Option Available : Yes No Don't Know

Thread Specification To Be Produced

Thread Specifications : _____
 Length of Full Thread : _____
 Thread From : 100% 75% Other ____%
 Thread : Internal External
 Drill Size : _____ Thru Blind
 Counterbored

Material To Be Machined

Material : _____
 Hardness : _____
 Condition : Annealed Normalized Heat Treated
 Cast Forged Rolled Plate
 Bar Pre-Machined Flame cut
 Scale Sand

Thread Mill Selected Solid Indexable

Tool Description : _____
 Insert Selected (If Indexable) : _____
 Tool Purchased From : _____

If you are not sure what tool to select, check one of the following and we will recommend a tool for you:

Shortest Cycle Time Lowest Tooling Cost
 Tool Recommended : _____

Distributor you purchased tool from must be filled in to receive a program for your application, otherwise a tool recommendation will be faxed back with approximate cycle time given.

Programming Data

Dimensions : Inch Metric
 Program Values : Absolute (G90) Incremental (G91)
 Arc Center : I & J R (Radius)
 Tool Path : Offset No Offset
 Arc Limitation : Full Circle Quadrant

K Value : Not Required Required
 If Required : In Radians Per Revolution
 Feed Direction : Climb Mill Conventional

NOTE: Climb Milling is always recommended for carbide tooling. In some cases where thin wall parts, long extensions or worn spindle bearings are encountered, conventional milling may be an option to production of a given thread.