

Drill Machine Interface

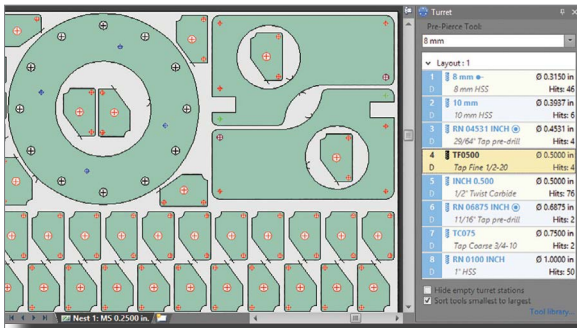
ProNest® optional module

Benefits:

- Better productivity
- Faster programming
- Easier machine operation

Description:

The Drill Machine Interface provides advanced support for plasma or oxyfuel cutting machines that incorporate drilling, tapping and other spindle operations. The module is designed to be seamless, intuitive, and easy to use, so that you can efficiently tackle jobs requiring drilling and other vertical machining directly in ProNest.



Features include:

- Fully customizable tool library
- Inch and metric tool sizes, including fractional tool sizes (such as 29/64")
- Model your machine's automatic tool changer directly in ProNest
- Easy drag and drop to re-sort tools in the turret
- Station types to limit tools to compatible stations
- Automatic tool assignment during part import
- Fully compatible with True Bevel™, True Hole® and other SureCut™ applications
- Partial-depth holes fully supported



- Pilot drills automatically assigned, including tap pre-drills
- Tapping (coarse or fine)
- Countersinking
- Counter boring
- Cycle parameter support (pecking, boring, etc.)
- Pre-drilling pierces on cut profiles
- Select preferred option for machining sequence (by tool size, turret position, etc.)
- Editable hole-to-tool matching tolerance
- Holes requiring multiple tool hits at varying depths can be easily defined in the tooling library and called out in a part CAD file
- Lock default tools in turret stations
- Allow/disallow nests that would require turret stations to be reloaded
- Rough cut large drill holes first, using the cut process

ProNest supports a number of drill-capable machines, including: Kinetic, Machitech, Farley, Sector, Ficep, Voortman, Durma, Baykal, and Tecno.

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