

# DeArmond Tool



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## **PARTMASTER COMPARISON CHART**

<b>PARTMASTER FUNCTION</b>	<b>STANDARD</b>	<b>PRO</b>
COUNTOURING		
Lead In & Lead Out	YES	YES
One Hit Circular Countour	YES	YES
One Hit Rectangular Contour	YES	YES
One Hit Elliptical Countour	YES	YES
Automatic Finish Operation	YES	YES
Ramping in "Z"	YES	YES
Ramping - Angled	-	YES
Ramping - Zig Zag	-	YES

Ramping Spiral	-	YES
Tapered Wall Machining		YES
Combined "Z" Profiles	-	YES
AREA CLEAR		
Rectangular Pocketing	YES	YES
Circular Pocketing	YES	YES
Pocketing with Island Avoidance	YES	YES
Unlimited Island Avoidance	YES	YES
One Hit Rectangular Pocketing	YES	YES
One Hit Circular Pocketing	YES	YES
One Hit Elliptical Pocketing	YES	YES
Automatic Finishing	YES	YES
Ramping in "Z"	YES	YES
Ramping - Angled	-	YES
Ramping - Zig Zag	-	YES
Ramping - Spiral	-	YES
Tapered Wall Pocketing	-	YES
Automatic Pre-Drilling	-	YES

FACE MILLING		
Boundary by Countour Shape	YES	<u>YES</u>
Boundary by X, Y (Min. & Max.)	YES	<u>YES</u>
Single and Multi Pass	YES	<u>YES</u>
Zig Zag Machining	YES	<u>YES</u>
TEXT ENGRAVING		
True Type Fonts	YES	<u>YES</u>
"Stick" Fonts (Single-Line Fonts)	YES	<u>YES</u>
Set Aspect Ratio	YES	<u>YES</u>
Vertical Alignment	YES	<u>YES</u>
Engrave Along & Line, Arc, or Circle	YES	<u>YES</u>
Engrave Along a Contour	YES	<u>YES</u>
Raised Lettering	YES	<u>YES</u>
SLOT MACHINING		
One Hit Standard Slot	<u>YES</u>	<u>YES</u>
One Hit Blind Slot	YES	<u>YES</u>
One Hit Arc Slot	YES	<u>YES</u>

"Z" AXIS PROFILING		
Create Single Slot in ZX or ZY Planes	-	YES
Create Linear Extrusion	-	YES
Create Radial Extrusion	-	YES
Create Surface Patch between 2 Z Profiles	-	YES
Create a Surface Revolution	-	YES
MULTIPLE MACHINING		
Repeat in "X" or "Y"	YES	YES
Rotate	YES	YES
Mirror	YES	YES
Scale	YES	YES
MISCELLANEOUS COMMANDS		
Machine Stop	YES	YES
Set Feedrate	YES	YES
Set Spindle Speed	YES	YES
Set Coolant On / Off	YES	YES

Block Skip	YES	YES
Insert Commands	-	YES
Optional Stop	-	YES
DRILLING - CANNED CYCLES		
Simple Drill	YES	YES
Deep Drill	YES	YES
Peck Drill	YES	YES
Ream	YES	YES
Bore	YES	YES
Tap	YES	YES
Counter Bore	YES	YES
Thread Milling	-	YES
TOOLPATH VERIFICATION		
XY - Plan View	YES	YES
ZX, ZY and ISO View	YES	YES
Multiple View Ports	YES	YES
POST PROCESSING		

Standard Post Processors Included	YES	<u>YES</u>
User Defined Post Processors	YES	<u>YES</u>
2D CAD System		
DXF Import & Export	YES	<u>YES</u>
HPGL Import	YES	<u>YES</u>
2D IGE Import (Optional - Extra Cost)	-	<u>YES</u>
CHAMFER COMMAND		<u>YES</u>
SUB-ROUTINES		<u>YES</u>
RS232 COMMS	YES	<u>YES</u>
CYCLE TIME ESTIMATES	YES	<u>YES</u>
TOOL LIBRARIES	YES	<u>YES</u>
MULTIPLE MACHINE TOOL SETUPS	YES	<u>YES</u>