

# Your One Stop Shop for All Solutions

- SPECIALS 
- FAST DELIVERY 
- 24 HOUR QUOTE 
- BLANKS IN STOCK 
- IN-HOUSE ENGINEERING 
- IN-HOUSE COATINGS

## CONVENTIONAL COATINGS



TiCN -  
Titanium Carbonitride



AlTiN -  
Aluminum Titanium Nitride

## HIGH PERFORMANCE COATINGS



nAlCo -  
Aluminum  
Titanium Nitride +  
Silicon Nitride



nAlCrO -  
Aluminum  
Chromium Nitride +  
Silicon Nitride



Diamond -  
CVD Diamond  
Amorphous Diamond-  
DLC



TiB<sub>2</sub> -  
Titanium DiBoride



TiCrCo -  
TiN-nAlCo-TiSiN



ZrN -  
Zirconium Nitride

## SHANK OPTIONS

- STANDARD
- WELDON FLAT
- ROUGH GRIP
- SAFE LOCK™



## HP



### The High Performance Solution

Recently expanded Melin Ultra High Performance and High Performance End Mill and Drill Line

- Tools ideal for difficult to machine material like Titanium and Inconel
- Proprietary coatings allows for higher SFM and is especially effective in extending tool life
- Polished features in Aluminum to avoid chip nesting and optimize chip evacuation
- Chipbreaker options available standard or as a customization
- Easily customize a standard into a special with our unique approach to customizations
- Designed to deliver outstanding surface finishes, utilizing maximum metal removal rates

## MICRO



### The Micro Machining Solution

Recently expanded Melin Micro End Mill line. Melin now offers several existing Carbide End Mill series in Micro sizes as well as new micro products series. Our latest Micro expansions offers the following features:

- Diameters start at .0005"
- 2, 3, 4 Flute Square, Ball and Radius
- 3 Flute Variable HP roughing and finishing
- 2 Flute Ball nose for Z-Axis Machining
- Expanded Diamond Coated Micros
- Spherical Balls
- Drill Points
- Corner Rounders
- Advanced coating options

## GP



### The Economical Solution

Melin offers a large variety of both Carbide and Cobalt HSS end mills. These series are offered with a variety of coating and end style options. Melin continues to expand the product line with improved geometry and coating options.

- General Purpose 2, 3 & 4 Flute Carbide End Mills Square, Ball, Corner Rounders
- Powdered Metal End Mills
- NC Tolerance
- Rounding End Mills (Fine Pitch and Coarse Pitch)
- Drill Point
- Routers
- Tapered End Mills
- Chamfer
- Carbide Blanks
- Single and Double End Mills



Complete online  
Catalogs  
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[www.melintool.com](http://www.melintool.com)

