

# ***TEC TOOLING CORP.***

**Canada's Leader in Cutting Tool Technology**

## **Premium Quality Standard and Custom Tooling Solutions**

TEC Tooling Corp. is a precision tooling manufacturer that serves global manufacturers in the fields of:

- Aerospace
- Automotive
- Mold & Die
- Medical
- General Engineering



# PRODUCTS- SOLID CARBIDE

## Solid Carbide

A state-of-the-art precision grinding division provides industry leading carbide tooling solutions. Within the climate controlled walls of TEC Tooling Grinding Division, world-class CNC grinding technology is applied to all product offering.

Fully automated multi-axis CNC machines produce advanced tooling 24 hours a day.

## ORION Series – 2 & 3 Flute End Mills for Aluminum

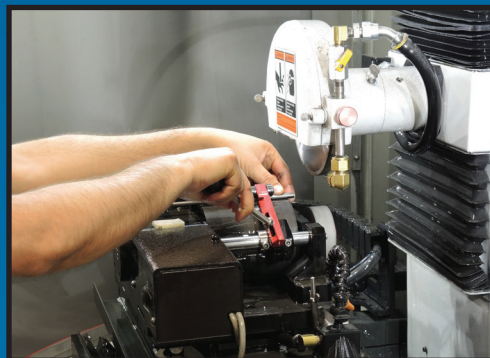
- 2 Flute version for extremely high chip loads
  - Produces excellent surface finish
- 3 Flute version with variable pitch results in smooth cutting action
  - Incorporates wiper flat cutting
  - Reduced harmonic stress

## GP Performance Series

- Reliability- delivers the quality & performance you expect
- Durability- stands up to the most extreme conditions
- Productivity- attacks the most demanding application using variable pitch technology (GP4R)
- Longevity- reduced chatter enhances tool life
- Versatility- one tool for slotting, pocketing, roughing & finishing

## HF Performance Series- High Feed

- Unique high feed design
- Non center cutting
- For hardened materials up to 47 HRC, including stainless





# CUSTOM SOLUTIONS

From a simple modification of a standard product,  
to a completely engineered solution...

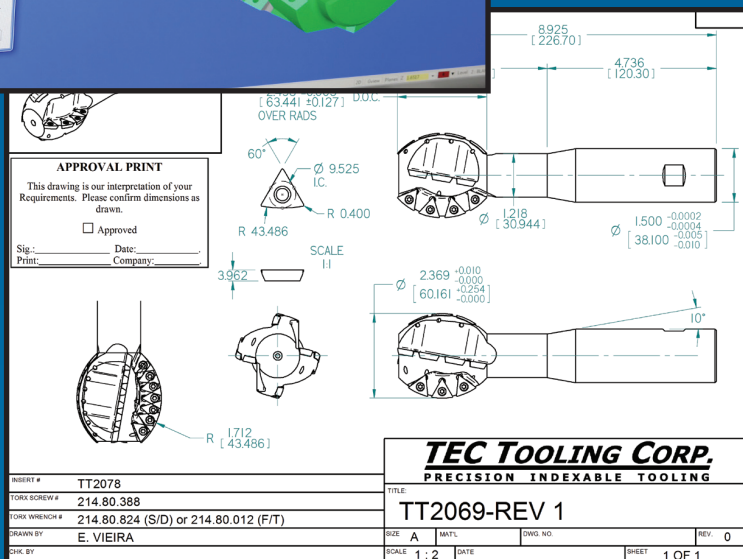
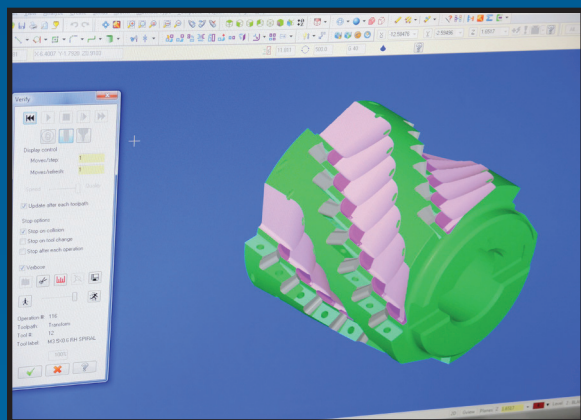
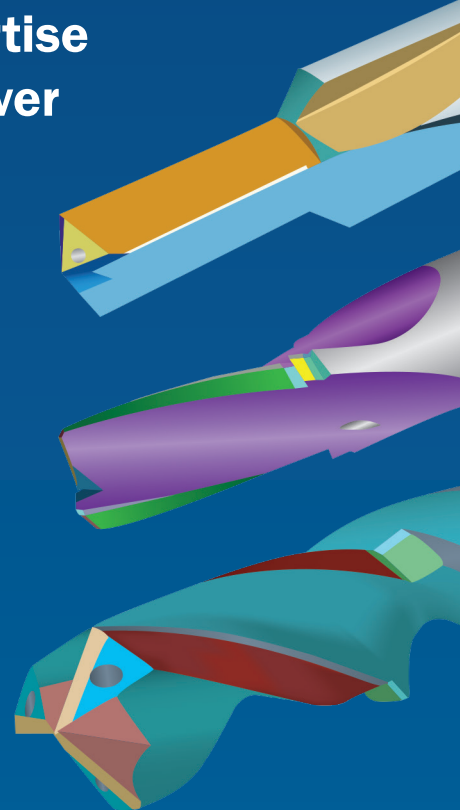
...TEC Tooling Corp. has the expertise  
and precision equipment to deliver

## Custom Solid Carbide Tooling Types:

- Drills & Taper Mills
- End Mills
- Virtually Unlimited Form Tools
- Coolant Through G-Drills, Step Drills & Ball Tools
- Reamers
- Jig Boring Tools
- Forming Tools
- Dovetail Cutters
- Porting Tools
- Coolant Through
- Keyway Cutters

## Coating/Finish Types:

- Advanced PVD, CVD, Diamond Like & Ultra-High Polish



# INDEXABLE TOOLING

**High Performance Milling – A comprehensive range of milling cutter technologies, engineered into every product made**

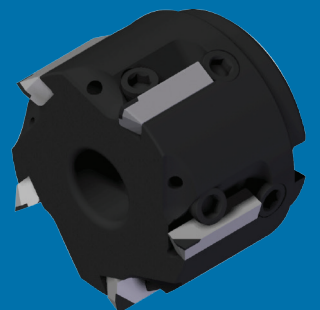
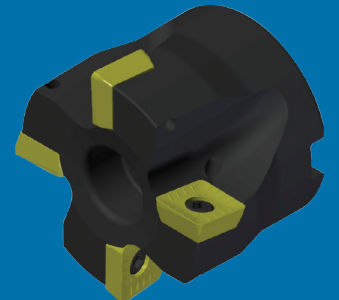
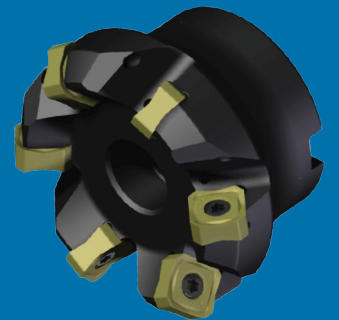
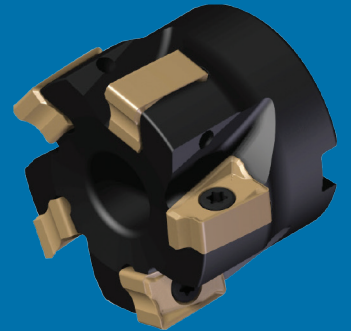
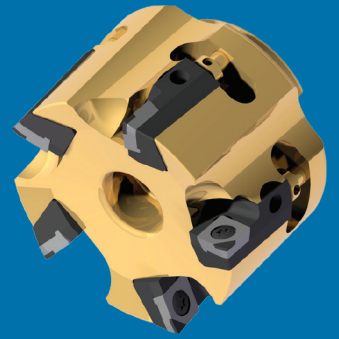
- Over 700 standard catalogue products made
- Private label manufacturer
- Products sold and running successfully around the globe

## Product Offering

Diameter:	0.250 to 16.000 (6mm to 400mm)
Shank Types:	Weldon, Cylindrical, Whistle Notch, Thread-On, & Custom
Integral Shak Types:	CAT, DIN, HSK, NMTB, MHD, ABS, KM, Capto, R8, Morse, VDI, & Custom
Material Types:	Pre-Hardened Tool steels, Heavy Metal Anti-Vibration, 7075 T6 Aluminum & Customer Requested
Finish Types:	Black Oxide, Stainless Steel Bead Blast, Nickel Plating, & Coloured Anodizing



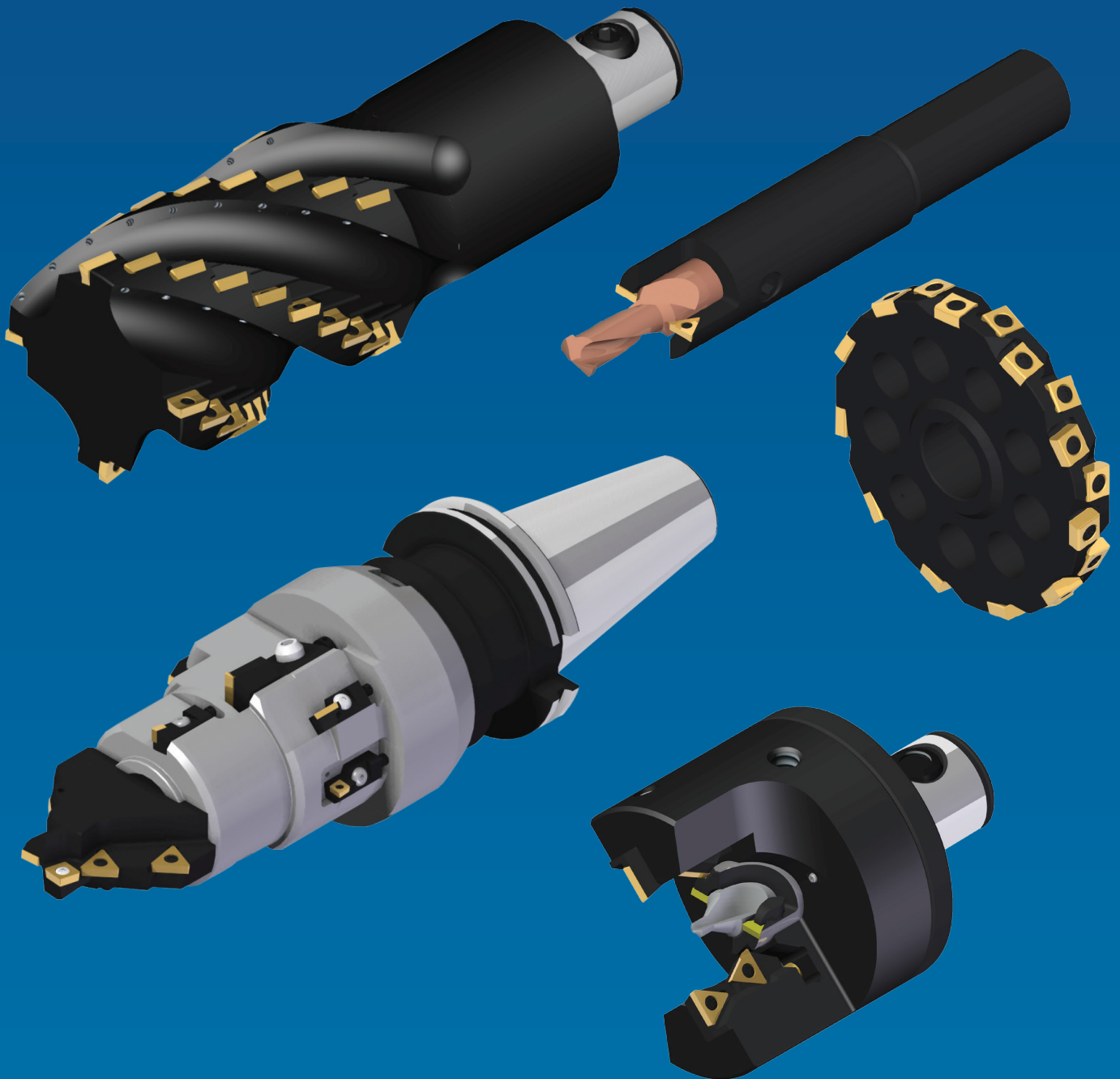
**Contact us to get your copy of the TyCarb Catalog & End Mill Program**



# MADE TO ORDER

In addition to our vast line of tooling we offer our customers the option of customized tooling or multiple pocket tooling.

We have the technical expertise and experience to create special tools to suit your special applications. Industry leading delivery times and competitive pricing.



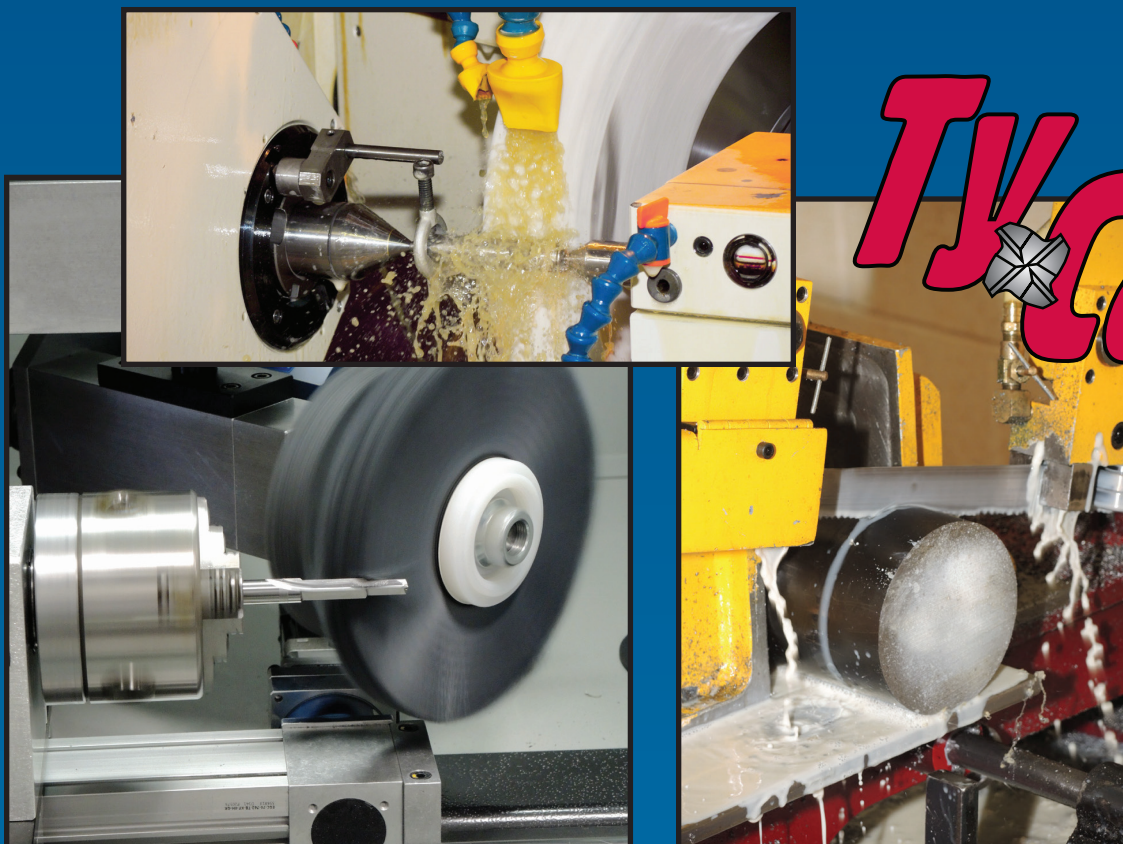


# SHOP CAPABILITIES

All tools are designed, engineered and manufactured under one roof with immediate access to designers, programmers, CNC machine operators, and tooling application engineers.

A fully integrated tooling company – from design concept, testing and development to complete tool manufacturing:

- 5 Axis CNC Milling
- 5 Axis Cutter Grinding
- CNC OD Grinding – Carbide & Tool Steel
- CAD/CAM Design
- Tool Honing
- Wheel Dressing
- Tool Balancing Certification
- Tool Presetting
- Tool Inspection
- Manual Machining (Milling & Turning)



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