



Aerospace | Medical | Automotive
Energy | Engineering

GWS TOOL GROUP IS A NORTH AMERICAN-BASED, VERTICALLY INTEGRATED MANUFACTURER OF HIGHLY ENGINEERED CUSTOM, AND STANDARD CUTTING TOOLS, PRIMARILY SERVICING THE AEROSPACE AND DEFENSE, POWER GENERATION, AUTOMOTIVE, AND MEDICAL SECTORS.

CAPABILITY



Milling

Roughing
Square
Ball
Corner
Radius
Corner Chamfer
Routers
Drill / Mills



Specialty

Segment Cutters
X-Long Drills
Form Tools
Keyway Cutters
Micro Tools
Chamber Reamers
Countersinks



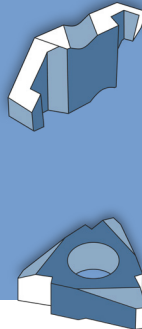
Holemaking

Carbide Drills
Carbide-tipped Drills
Carbide-tipped Reamers
PCD Drills & Reamers



Threading

Hand, Spiral point,
Spiral Flute
Forming Pipe
Ball Screw Taps
Carbide Taps
Thread Gages



Inserts

Carbide, Ceramic,
W-Ceramic, Silicon Nitride
PCD, CBN, SCD
Top-Notch Inserts
Grooving Inserts
Thread-Whirling Inserts
Forming Inserts



Regrind

Carbide Round Tools, CBN
Inserts, PCD Inserts, Ceramic
Inserts.
Regrind most carbide round
tools (custom or standard),
including competitor tools.

APPLICATIONS

Step Drills to eliminate multiple holemaking operations. Produce multiple steps, counterbore, and chamfers with one drill or reamer

Screw Machine - Optimize high-volume part manufacturing with form inserts and advance holding technology to improve tool life and reduce changeover time

Custom or Standard End Mills for milling High Temp Alloys - Special radius forms, neck lengths, coatings, substrates, and geometries tailored to the work material & machining conditions

Medical - Whirling inserts for bone screw threading (Titanium, Stainless)

Aerospace & Defense - Specialized tooling for commercial and defense contract manufacturers

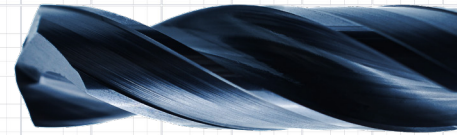
Form Tool Applications - Root form cutters like x-mas tree cutters for turbine blades, complex radius forms including dovetail cutters and other similar custom tools

Ceramic Inserts - Whiskered ceramic inserts designed complete with WG-300 from Greenleaf

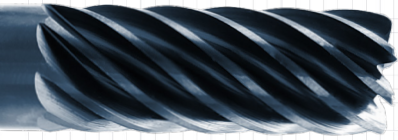
Automotive - Brazed PCD drills, reamers, groovers, and monoblock tools for automotive applications in high silicon aluminum

SUCCESS STORIES / TESTIMONIALS

“At a large aerospace shop in Florida, we worked hand-in-hand with our distributor partner to secure business by helping reprogram speeds, feeds, tool paths, and implement new & improved tooling. Servicing regrind business, particularly on the complicated custom tools they were using, was a key service component.”

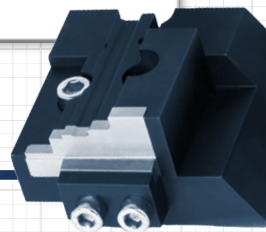


“In a major medical component manufacturer, we partnered with a PPP distributor to replace several incumbents with GWS tooling to save them \$100K+ on 5 tools. 4 of the 5 were custom micro tools.”



“At a tier aerospace manufacturer, we designed several different styles of custom milling and form tools, supported with blanketed inventory, that yielded savings for the customer exceeding \$100,000.”

“Secured a strategic Japanese aerospace target account via the production and regrind of complex form tools for engine turbine components.”



OPERATIONAL INFORMATION

Sample Program

Sample Program - Yes
Work directly with GWS Territory Application Specialist

Drop Ship & Lead Times

Drop Ship: Yes (Simply order and include drop ship address)
Cut-off Time: 3:30 pm EST
MOQ: None
Lead Times: Stocked tools = Same/next day shipping
Lead Times: Specials range from 48 hrs to 6 weeks depending on tool type, complexity, coating, and blank availability

Product Returns and Exchanges

Within 1 year in original packaging with a 25% restocking fee
Restock fee waived with offsetting order of equal or greater value

Manufacturing & Stocking Locations

FL, AZ, IL, MA, MI, NC, CA, WI, TN, and ON/AB Canada

Freight Problems

2nd Day \$10 flat rate shipping anywhere in the USA

Sales & Technical Support

Sales@gwstoolgroup.com
Toll-free: (877) 497-8665
12+ Application Specialist
4 Product Managers
65+ Inside sales/technical specialists

