

Tool-Flo's Laser Technology!

For unmatched cutting edge quality for PCD inserts!

We manufacture with the very latest laser technology!

Laser

Close up view of the sharp cutting edge by using newest laser cutting technology superior to other technologies and processes.



Grinding

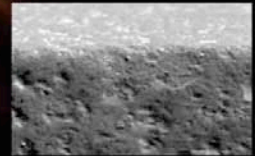
Close up view of the cutting edge by using the conventional diamond grinding method.



Most suppliers only use these methods

EDM

Close up view of the cutting edge by using a wire cutting method.



PCD Polycrystalline Diamond

PCBN Polycrystalline Cubic Boron Nitride

Tungsten Carbide

CVD

Excellent for use in: Graphite • Rubber • Plastics • Carbon • Fiberglass Components • Ceramics • Wood • Copper, Bronze, Brass, Aluminum Alloys

Tool-Flo Manufacturing, Inc., the premier threading and grooving company has now added PCD and PCBN to its extensive line of products. Why use ultra-hard materials such as PCD-Polycrystalline Diamond and PCBN Polycrystalline Cubic Boron Nitride cutting tools? It allows for longer tool life when cutting very abrasive materials such as graphite, hard rubber, plastics, carbon, fiberglass components, ceramics, wood, copper, bronze, brass and aluminum alloys where other cutting tools will wear out quickly. It also allows for higher removal rates and faster cycle times making it much more cost effective. Tool-Flo's new laser technology not only provides these advantages, but also provides an unmatched cutting edge quality which will in turn; give you an excellent surface finish and longer tool life. This cutting edge laser technology can also cut special chip breakers in any PCD cutting tool. Be sure to contact us for further details.

See our complete line of standard cutting tools and tool holders at www.toolflo.com. We can quote and manufacture any special insert or holder in small and large quantities.



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RIGID LOCK
SERRATED LOCKING SYSTEM

Indexible

ENDMILLS

Ballnose • **Flat Bottom** • **Back Draft**
Carbide • Cermet • PCBN • PCD

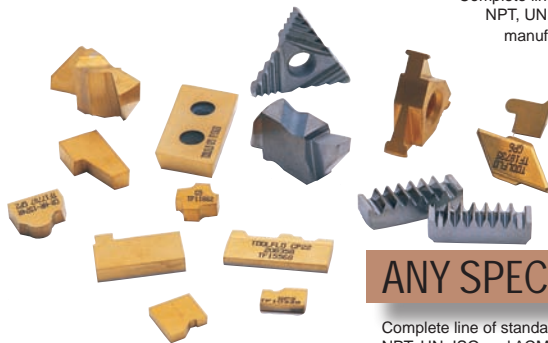
TBXR
For Maximum Material
Removal
TBNR
For Finishing

Range of sizes:
Inch: 1/4"-2-1/2"
Metric: 8mm-60mm

We guarantee that the pocket of your holder will not wear out!

FLO-LOCK/CHIP-FLO

Complete line of standard inserts and tool holders for threading and grooving. Chip-Flo inserts provide excellent chip control with our patented chip breaker.



THREADMILLING

Complete line of standard inserts and holders to cut NPT, UN, ISO and ACME threads. We can also manufacture any special insert or tool holder.



ANY SPECIAL INSERT OR TOOL HOLDER

Complete line of standard inserts and holders to cut NPT, UN, ISO and ACME threads. We can also manufacture any special insert or tool holder.

BANTAM LINE

For small diameter boring, threading and grooving applications.



LAYDOWN INSERTS

One of the most complete lines of threading and grooving inserts with our patented chip breaker. We can also make any special insert or tool holder to fit your application.

API - OIL & GAS PRODUCTS

The most extensive line of standard API threading and grooving products. We can also manufacturing any special insert or tool holder you might need.



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