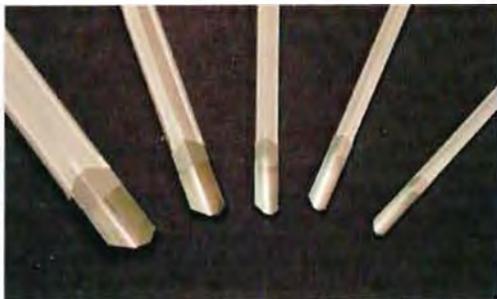


## Products and Services

- Gun Drills
  - Solid carbide heads
  - Inserted carbide heads
  - Detachable heads
- Gun Drill Services
  - Re-tipping
  - Re-sharpening
  - Technical service
  - Coating
- Gun Drill Accessories
  - Whip guide inserts (Gizmos)
  - Chip deflectors
  - Drill bushings
- Gundrilling
  - Moulds
  - Plates
  - Round bars



Carbide-tipped single-fluted gun drills

United Carbide Engineering  
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#38&39

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Email: [info@unitedcarbide.com](mailto:info@unitedcarbide.com)

Website: [www.unitedcarbide.com](http://www.unitedcarbide.com)

## Gun Drills and Gundrilling



**Your Source For  
Deep Hole Drill  
Tooling and Services**

## 35 Years Of Experience



United Carbide Engineering in Etobicoke, Ontario

United Carbide Engineering (UCE) is the only manufacturer of custom gun drills in Canada. Based in Toronto, Ontario, the company has had a loyal and satisfied client base for over 35 years. During that time we have developed a wealth of knowledge in the manufacturing and use of deep-hole drills.

### Standard and Custom Gun Drills

UCE makes carbide-tipped single-fluted gun drills to almost any diameter, length



Carbide-tipped drills with a carbide insert drill head

and driver style specification. Our drill diameters are accurate to 0.0005". We can provide different carbide grades depending on your specific needs. UCE can recommend and grind tip geometries appropriate for each material application.

For drill diameters above 1.3125" we use inserted carbide blanks rather than solid carbide tips for longer tool life and lower cost to you. We also provide detachable head drills and tips in large diameter drills.

### Gun Drill Services



Damaged drill tip ready for re-tipping

UCE offers precision regrinding services for worn carbides that allow for longer tool life and higher drilling speeds.

When the carbide needs replacing, we can re-tip the drill at a substantial discount to the cost of a new drill. We also repair twisted or bent drill shanks and broken drivers. TiN and TiAlN coating is also available on request.

## Gun Drill Accessories



Drill bushings, chip deflectors and whip guide inserts

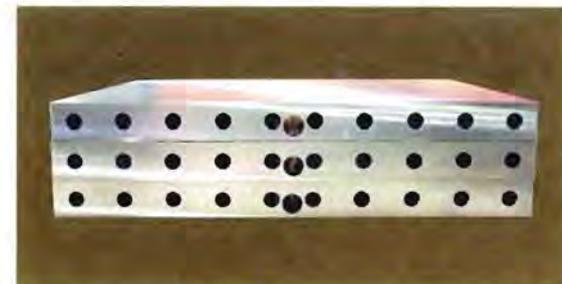
UCE supplies a full line of gun drill accessories including whip guide inserts (Gizmos), chip deflectors and gun drill bushings.

### Gundrilling

Our gundrilling business helps us better understand the needs of our gun drill customers. UCE's gundrilling capabilities include large and small round bars, moulds and plates in most materials.



0.5" diameter hole through a 140" shaft



3 steel plates with gun drilled holes