



MULTI-MATERIAL SOLID CARBIDE DRILLS

CDX

Material

Micrograin carbide with high hardness and toughness properties for excellent wear resistance and long tool life.

Surface Treatment

Titanium Nitride (TiN) coating delivers:

- Increased wear resistance
- Improved tool life

Flute Geometry

Special web thinning for added strength when drilling at high penetration rates. Higher than standard helix angle maximizes chip space, enabling rapid chip evacuation, even at high cutting parameters.

Shank

Straight shank with h7 body tolerance

Point Geometry

Unique convex cutting edges stretch the chips, breaking them into small pieces which are easily evacuated from the hole. 130° 4-facet self-centering point for high hole accuracy.

Hole Depth

R520 — 2.5xD

R510 — 4xD

Tool Holding

A high accuracy ER collet, or similar, is recommended.

Want to learn more?

Ask for our technical handbook or sign up for eLearning online.

Your one-stop manufacturer - Ask about our Indexable Heavy Duty Milling Penta HD

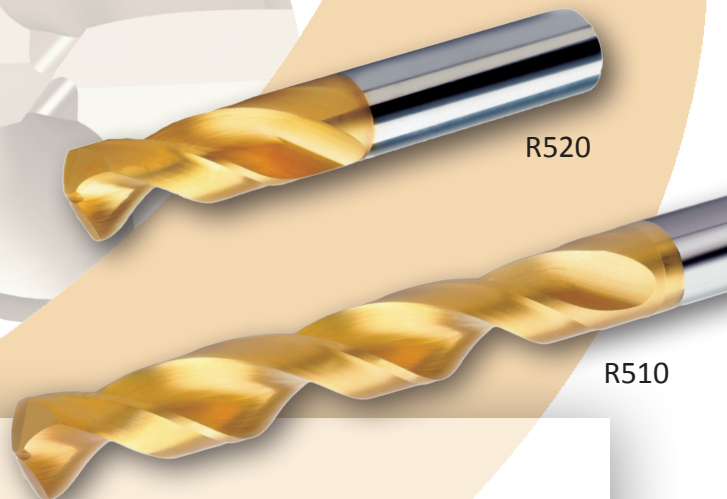
Range

R520, 1/8 – 5/8", 3.00 – 20.00 mm

R510 1/8 – 1/2", 3.00 – 14.25 mm

Your Benefits

- High productivity on all ranges
- Micrograin carbide substrate and specific CDX geometry give extended tool life, excellent wear resistance and ensure efficient chip evacuation reducing machine downtime.
- High hole accuracy, facilitated by a special point design.
- CDX drills can be used across a wide range of industry sectors, including automotive, aerospace, mold and die and mechanical components.
- Excellent for use in steels, stainless steels, cast iron, titanium/nickel and their alloys, aluminum and its alloys.



R520

R510