

# TAPPING AND DRILLING





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Shop Full Assortment CoroDrill® 860

## CoroDrill<sup>®</sup> 860

CoroDrill® 860 with -GM geometry is a high performance drilling solution for short holes, primarily in steel, stainless steel, cast iron and hardened materials. It also performs competitively in HRSA and non-ferrous materials.

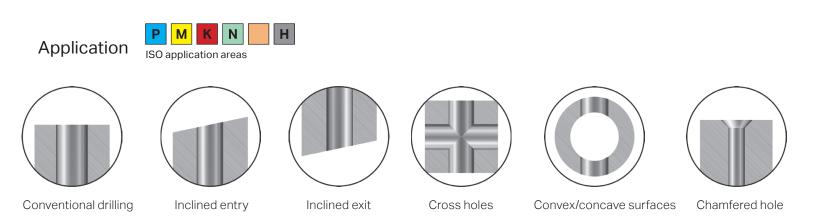
The Drill offers robust process security, high hole integrity and excellent tool life, making it ideal for automotive and general engineering applications. The performance of the drill also makes it suitable in applciations within the aerospace and oil an gas industries where hole quality and process security are critical.

#### Assortment

- Standard diameter range 3–16 mm (0.118–0.629 inch)
- Drill depth 3–8 × drill diameter
- Single- and two-diameter tools as standard
- Body tolerance m7
- Achievable hole tolerance H6-H8

#### Application

- Perfect for ISO P, K, M and H materials in the general engineering and automotive industries
- Typical components are valve bodies, blocks, casings, flanges and manifolds





### Innovations that excite

Flute-edge reinforcement

#### Corner reinforcement

- Increased corner strength
- Reduced exit burr

New point-thinning type

- Reduced cutting forces
- Excellent hole accuracy

Optimized double margin

- Increased stability
- Improved hole quality

#### New point geometry

- Refined clearance angles
- Improved surface quality
- Stable wear progression

#### Edge preparation

- Increased cutting-edge strength
- Removal of micro defects

#### Unique grade

CoroDrill<sup>®</sup> 860 with -GM geometry features a new, unique grade with a fine-grained carbide substrate that yields high performance.

The drill tip has a multi-layer PVD coating that provides improved productivity and consistent tool life in multiple materials.



#### Innovative flute form

The drill is equipped with a new flute form, offering high core strength and reduced cutting forces.









## Versatile Tapping

Developed for through holes and blind-hole operations, CoroTap tools feature an enhanced edge design and material grade to ensure reduced axial forces and torque. The CoroTap line, covering a variety of different thread profiles, has two areas: taps optimized for specific materials and taps optimized for flexibility.





CoroTap<sup>™</sup> 100

- Taps with straight flutes
- Mainly used for short chipping materials such as cast iron -
- Suitable for both through and blind holes





CoroTap™ 300

- Taps with spiral flutes
- Taps spiral flute transports the chips out of the hole
- Best option for blind holes





#### CoroTap™ 200

- Taps with spiral point grinding
- Pushes the chips forward
- Used for through holes





- Taps that form the thread instead of cutting
  For both through and blind holes
- Available with and without oil groot
- Available with and without oil grooves

