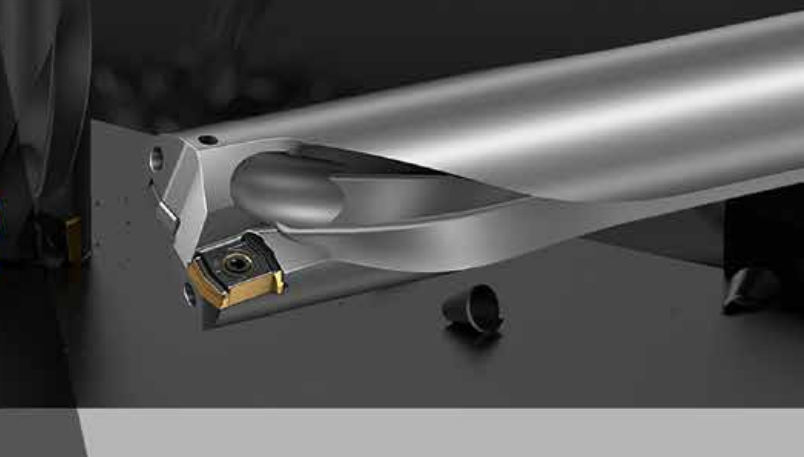




# CORODRILL® DS20

What innovation looks like



After years of R&D and customer testing, the first indexable drill that can reach up to 7xDC - with no need for pilot drilling - is here, reducing your cycle time and cost per hole.

Innovative drill body and insert designs have resulted in a drilling concept with never-before-seen rigidity, evacuation performance and light cutting action. **CoroDrill® DS20** offers superior reliability and predictability with outstanding penetration rates for your 4–7 × DC drilling operations.

Improve your drilling operations even more and reduce your tool inventory by using the stable and high precision Modular Drilling Interface, MDI.

The Steiner metalworking team can help you select the right drill and inserts for your fabricating

requirements. With you every step of the way from the beginning specifying stage through operation and support, we can help you improve operational efficiencies to increase production throughput rates while reducing costs.



## Strong and fatigue-resistant drill body



Each drill body size is individually optimized and offers unprecedented rigidity to ensure high process security, repeatability, consistent quality and good run-out accuracy. Twisted coolant holes maintain drill body rigidity and variable chip flutes are optimally shaped for safe chip evacuation.

## Optimized insert design



The robust insert seats have three support contact surfaces for less insert movement. The inserts are strong and have a bulk strength that provides extra toughness, resulting in unmatched insert tool life. The ground peripheral insert allows for closer hole tolerance, predictability and consistent performance.

## For holes up to 7xDC



This 7 × DC insert drill with innovative drill body and insert designs enables cost-effective and reliable drilling of deep holes with less demanding hole tolerances. No pilot drilling is needed, which saves both time and money.

## Benefits



- Secure and reliable cutting process with high productivity and a consistent hole diameter
- Versatile drill with optimized chip control and chip evacuation in a broad cutting data range
- Large selection of geometries, from versatile to optimized offers
- Low cost per hole
- Reduced sound level
- Chip flute shapes are individually designed for the center/peripheral inserts respectively and optimized for each drill diameter. The square profile adds rigidity while allowing chips to be easily evacuated
- Four true cutting edges on both peripheral and central inserts

## MDI (Modular Drilling Interface)



MDI is a stable and high-precision drilling interface. The modular coupling between drill and adapter allows you to use one size for several drill diameters, leading to less tool inventory and lower costs.

Four locating pins allow for high torque transmission and provide an exact cutting edge position and quick and easy set-up.

Two different diameters on the shank and adapter mean double centering is achievable with high fitting accuracy. Increased stability, good run-out precision and optimal repeatability can be achieved thanks to the flange and surface contact between the drill body and nut.

For more info about CoroDrill® DS20 call 1-800-323-**TOOL** (8665) to speak with a Steiner metalworking representative.

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