

CoroTap™ 400

Optimized for steel

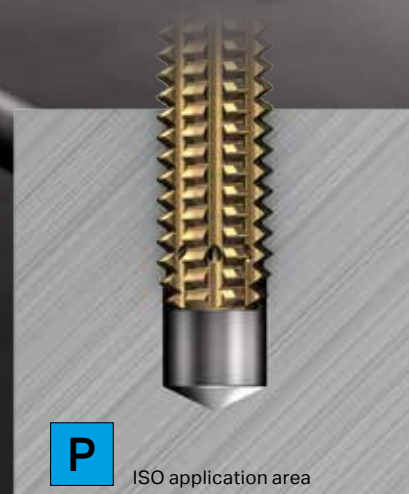
Superior productivity. Unmatched precision.

- Excellent process security with fewer machine stoppages
- Improved tool life and reduced cost per hole
- Increased cutting speed and productivity
- Superior thread quality

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Optimized solutions

A unique line of refined tools for specific needs that provide extreme efficiency, reliability and durability.



CoroTap™ 400 for ISO P



Optimized lobe profile designed for steel applications.
Increased number of lobes and shorter thread length reduces torque.

New grade of substrate and coating:

- Thicker TiN coating for improved wear resistance
- New grade with a higher percentage of tungsten for increased hardness and tougher cutting

Application

Industry segment: automotive
Components: connecting rod, crank shaft, wheel hub, axle

Industry segments: general engineering, rail
Components: boom cylinder, tube, housing, rivets, flanges, rail wheel

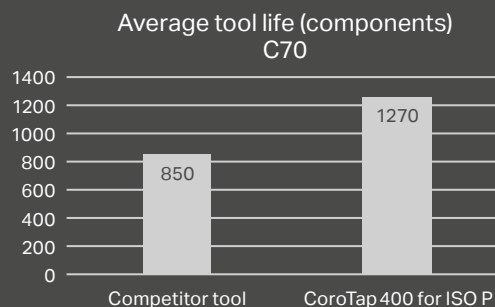
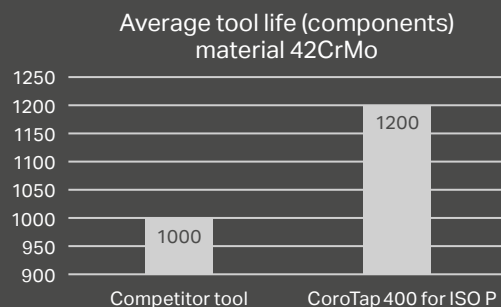


For a secure process, pair with CoroChuck™ 970 high-performance tapping chuck.

Performance Case

Application: Connecting Rod
Thread Size: M8X1
Material: C70 and 42CrMo
 $V_c = 10 \text{ m/min}$

+125%
On average
tool life



In a comparison test, CoroTap 400 far outperformed a competitor tool with 125% longer average tool life.

Product range						
Thread form	Thread size	Standard	Chamfer type	Tolerance	Coolant	Coolant groove
Metric, MF	M3 - M16	DIN 2174	C,E	6HX, 6GX	No, Radial, Axial	Y, N
UNC, UNF	4-40 - 5/8	DIN/ANSI		2BX, 3BX		

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