

Profile Milling

CoroMill® 200 P M K S N H

Stable rougher and versatile tool

Excellent choice for general milling as well as for die and mould-making and should be the first choice for roughing operations. Strong cutting edges make the cutter perfect for tough conditions with interruptions (holes, gaps etc.) and/or abrasive scale (skin).

- Diameter: 25–160 mm (1.000–10.000 inch)



CoroMill® 210 P M K S H

High feed face and plunge milling

The CoroMill® 210 is a very productive roughing concept to use when high metal removal rate is the first priority. A 10° entering angle allows extreme feed rates when face milling. This directs the cutting forces in an axial direction which provides a stable cutting action and no vibration tendency.

- Diameter: 25–66 mm (1–2.5 inch)
52–160 mm (2–6 inch)
- Max. cutting depth: 1.2 mm (0.047 inch)
2.0 mm (0.079 inch)
- Cutting edges: 4



CoroMill® 216 P M K S N H

Metal remover for rough and semi-finish profiling

A robust ball nose end mill for roughing and semi-finishing of curved surfaces. The tools are easy to apply in machining centres, CNC milling machines, and copy-milling machines for die and mould, aerospace, automotive, and associated industries.

- Diameter: 10–50 mm (0.375–2 inch)
- Max. cutting depth: Varies by insert size
- Cutting edges: 2



CoroMill® 300 P M K S N H

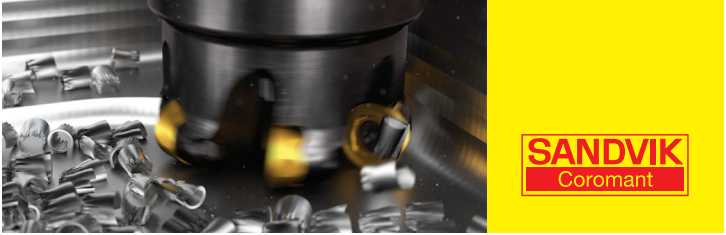
Light cutting face and profile milling cutter

Round insert cutter for a broad range of operations such as face milling, pocketing, and profiling. Its light cutting action allows for smooth entries and exits and for use of extended tool set-ups. The cutters generate low cutting forces and little heat when machining with small depths of cut. This allows the table feed to be increased five to ten times.

- Diameter: Neutral design: 10–42 mm (0.375–1.25 inch)
Positive design: 25–200 mm (1–8 inch)



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Profile Milling

CoroMill® 419 P M K S H

Five edged multi-material high feed cutter

High-feed milling concept with five edges for roughing to semi-finishing. It offers excellent performance in many material groups and has great possibilities for optimization. The high feed and light-cutting action enable a soft sound, creating an operator-friendly environment.

- Diameter: 32-100 mm (1.25-4.0 inch)
- Max. cutting depth: 2 mm (0.079 inch)
- Cutting edges: 5



CoroMill® 600 P M S H

Secure machining with the iLock™ interface

Round insert concept with positive axial angle. The positive and optimized cutting action is particularly suitable for heat-resistant materials. The unique iLock™ solution provides easy and accurate insert indexing, increased reliability and considerably improved tool life.

- Diameter: 25-100 mm (1-2.5 inch)
- Max. cutting depth: 12 mm ic.: 6 mm (0.236 inch)
10 mm ic.: 5 mm (0.197 inch)
- Cutting edges: 4



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CoroMill® 415 P M S H

Cost-efficient small diameter high feed cutter

Reduced cost per component and increased productivity thanks to the high metal removal rate and the four-edged inserts. CoroMill® 415 with iLock® technology is a reliable and secure solution, resulting in less scrap workpieces. The iLock® insert seat also makes the small inserts easier to handle.

- Diameter: 13-32 mm (0.5-1.25 inch)
- Max. cutting depth: IC05: ap max 0.85 mm (0.034 inch)
IC07: ap max 1.2 mm (0.047 inch)
- Cutting edges: 4



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