



Sandvik Coromant Gear Milling Solutions -

Sandvik Coromant has developed several new solutions and products enabling competitive production of small to large batch sizes, both in dedicated machines as well as multi-task machines.



CoroMill 176,
carbide inserted
hob for extreme
productivity



CoroMill 172,
full profile disc cutter
for easy manufacturing
of gears



CoroMill 170 & Disc Cutters,
roughing to finish gashing
with precision



CoroMill 177,
is an indexable carbide
insert hob for large
gear wheels.



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Coromant



CoroMill 170 & Disc Cutters

Roughing and semi-finishing in module range 12 to 22 gears in accordance with DIN 867 and with tool profile DIN 3972-4. High-performance grades, reliable and predictable plus extended tool life.

Finishing Disc Cutter (module range 8-30) for components like planetary gear boxes, slewing rings for windmills, cranes and other heavy equipment.

Double Disc Cutter, a productive and flexible solution for roughing large external gears.



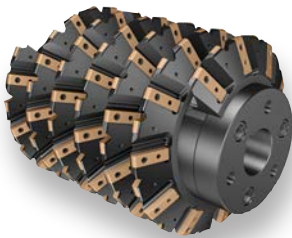
CoroMill 172

This disc cutter offers a versatile and timesaving solution for milling of high-quality gear profiles. Thanks to the new indexable carbide insert technology and a powerful iLock interface, the component can be machined in flexible non-dedicated machines, such as multi-task machines and machining centers, as well as in hobbing machines. Covers module range 3 to 10 (DP6.35-3.18).



CoroMill 176

An innovative indexable-insert cutter for productive gear wheel machining. CoroMill 176 is a more cost-efficient alternative to regrindable HSS (high speed steel) tools and is designed for gears in the module range 3 to 10 (DP6.35-2.82). Its ability to reach higher cutting speeds combined with user-friendly insert changing will reduce cycle times, making it the high productivity gear milling choice.



CoroMill 177

An indexable carbide insert hob for large gear wheels. The new hobbing concept is optimized for high productivity when manufacturing gear wheels used in gear boxes and transmission for wind power and other heavy industry applications. The polygon-shaped interface between the segments ensures precision and high torque transfer capability.



Do you need to machine a special gear profile?

Sandvik Coromant tool solutions cover several gear profiles, including common standard profiles such as DIN 867. But our tools can, of course, also be tailored to your specific profiles. These tools will be designed by skilled designers to exactly match the gear profile you want for your wheels.