

CoroDrill® 870 – Exchangeable tip drills

Revolutionary design: optimized tip, interface and drill for improved machining economy

APPLICATION

- Optimized for steel, cast iron and stainless steel
- For pre-holes for taps and bolt holes
- Hole tolerance: H9 – H10
- Hole depths up to 10xD
- Hole diameter range: 10,00-33,00 mm
- Can be tailored for intermediate sizes



Benefits with CoroDrill® 870

- Easy handling and secure tip changing while the tool is still in the holder reduces down time and increases process security
- High precision interface between drill body and tip for extra stability
- Safe cutting process with excellent chip control
- Low cost per hole and excellent hole quality

Product range

Drill bodies

Diameters with drill tip mounted mm (inch)	Shank type	Length (×DC)
10.00–33.00 (0.394–1.299)	Cylindrical with flat according to ISO 9766	3, 5, 8
10.00–26.99 (0.394–1.063)	Cylindrical with flat according to ISO 9766	10

Drill tips

Diameters, mm (inch)	Geometry	Grade	Application
10.00–33.00 (0.394–1.299)	-PM	GC4234	P
10.00–33.00 (0.394–1.299)	-KM	GC4234	K
10.00–33.00 (0.394–1.299)	-MM	GC4234	M
10.00–33.00 (0.394–1.299)	-GP	GC4234	P K M

Ask your local Sandvik
Coromant Distributor for
more information

Tailor Made

CoroDrill® 880 – Indexable insert drill

High performance in all workpiece materials



APPLICATION AREAS

- Drilling
- Boring
- Helical interpolation
- Plunging
- Radial adjusted drilling
- Length: 2, 3, 4, 5 ×Dia. as standard
- Hole diameters:
 - 12-84 mm (0.472-3.307 inch)
 - Tailor made up to 129 mm (5.078 inch)

Benefits with CoroDrill® 880

- Up to 100% productivity increase
- Wiper geometry for excellent surface finish or higher feed possibilities
- Step technology for perfect cutting force balance
- Excellent chip control and evacuation

New grades for reliable operations



P M K H

GC4344 produced with ZERTIVO™ technology

- Great edge-line security
- Reliable tool life and high wear resistance

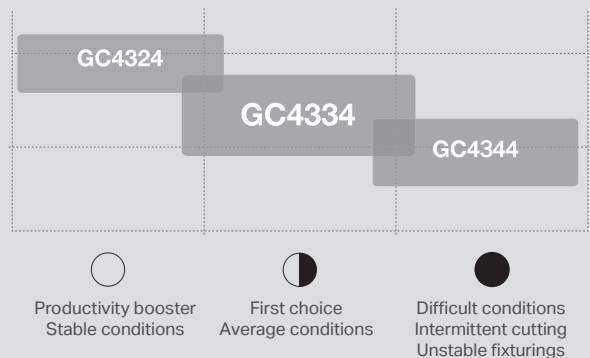
More info www.sandvik.coromant.com/zertivo

GC4324 and 4334 with INVEIO™ coating

- Hard, wear-resistant against abrasive wear
- Improved crater and flank wear resistance

More info www.sandvik.coromant.com/inveio

+ V_c
- V_c



Grade	insert size	Geometries	Supplement chapter
GC4324, GC4334 and 4344	1	GR, LM	E
GC4324, GC4334 and 4344	2-9	GM, GR, LM, GT	E

www.sandvik.coromant.com

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