

**Garant**
**GARANT Power Drill indexable drill Combination shank, 5×D, Ø DC m7: 33mm**

**Order data**

Order number	234015 33
GTIN	4045197697370
Item class	21S

**Description**
**Version:**

The helical coolant ducts ensure very high stability, since they do not weaken the core of the drill.

**Bore tolerance:** -0.1 / +0.35 mm

**Description:**

For maximum performance and dimensional accuracy. Even for very difficult drilling situations up to 5×D.

**Application:**

With indexable inserts No. 234030 - 234098.

**Use of the advertising text:**

With inserts No. GG2340 - GG2389.

**Suitable for:**

Inserts SOGX 110509.

**Recommendation:**

**When spot-drilling** reduce the feed rate to 70%.

**Note:**

Other intermediate sizes in 1/10 increments available on request.

**Technical description**

Reach L <sub>1</sub>	165 mm
Pack of insert screws	239700 15IP (2.8 Nm)
ISO code indexable insert	SOGX 110509
Shank Ø D <sub>s</sub>	40 mm
Number of cutting edges Z	1

Shank length $L_s$	68 mm
Series	Power Drill
Nominal $\varnothing D$	33
Maximum adjustment limit $V_{max}$	0.25 mm
Overhang $L_A$	190 mm
Indexable insert type for internal cutter	HB6535
Indexable insert type for internal cutter	HB6640
Indexable insert type for internal cutter	HB630
Indexable insert type for internal cutter	HB6810
Drill depth for indexable insert drill up to	5×D
Shank	ISO 9766
Use for drilling	limited centre drilling
Use for drilling	limited convexity
Use for drilling	limited cross-drilling
Use for drilling	limited drilling through a stack
Use for drilling	limited drilling with oblique exit
Use for drilling	limited cross-drilling
Through-coolant	yes
Machining strategy	HPC
Type of product	Indexable drill

## Accessories

Torx Plus® insert screw set 10 pieces Drive 15IP	239700 15IP
Torque screwdriver, fixed setting set torque 2,8 N·m	211750 2,8
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP