

**Garant**
**GARANT Power Drill indexable drill Combination shank, 4xD, Ø DC: 19,5 mm**

**Order data**

Order number	234010 19,5
GTIN	4045197740274
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  $5 \times D$ .

**Application:**

With indexable inserts No. 234030 - 234098.

**Use of the advertising text:**

With inserts No. GG2340 - GG2389.

**Note:**

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

Overhang  $L_A$ : 98 mm

Shank  $\varnothing D_s$ : 25 mm

Shank length  $L_s$ : 56 mm

Maximum adjustment limit  $V_{max}$ : 0.25 mm

ISO code indexable insert: SOGX 070306

Pack of insert screws: 239700 6IP1 (1.0 Nm)

**Technical description**

Pack of insert screws	239700 6IP1 (1.0 Nm)
Shank length $L_s$	56 mm
ISO code indexable insert	SOGX 070306

Reach $L_1$	80 mm
Number of cutting edges Z	1
Shank $\varnothing D_s$	25 mm
Series	GARANT Power Drill
Nominal $\varnothing D$	19.5
Maximum adjustment limit $V_{max}$	0.25 mm
Overhang $L_A$	98 mm
Drill depth for indexable insert drill up to	4xD
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

## Accessories

Torque screwdriver, fixed setting set torque 1,0 Nm	211750 1,0
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 6IP	674252 6IP
Torx Plus® insert screw set 10 pieces Drive 6IP1	239700 6IP1