

**Garant**
**GARANT Power Drill indexable drill Combination shank, 4xD, Ø DC: 29 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 234010 29     |
| GTIN         | 4045197740533 |
| 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 5xD.

**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  $L_A$ : 139 mm

Shank  $\varnothing D_s$ : 32 mm

Shank length  $L_s$ : 60 mm

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

ISO code indexable insert: SOGX 100408

Pack of insert screws: 239700 10IP (2.8 Nm)

**Technical description**

|                           |       |
|---------------------------|-------|
| Number of cutting edges Z | 1     |
| Shank length $L_s$        | 60 mm |
| Shank $\varnothing D_s$   | 32 mm |

|  |                                    |
|--|------------------------------------|
| Reach $L_1$                                  | 116 mm                             |
| ISO code indexable insert                    | SOGX 100408                        |
| Pack of insert screws                        | 239700 10IP (2.8 Nm)               |
| Series                                       | GARANT Power Drill                 |
| Nominal $\varnothing D$                      | 29                                 |
| Maximum adjustment limit $V_{max}$           | 0.25 mm                            |
| Overhang $L_A$                               | 139 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 2,8 Nm              | 211750 2,8  |
| Torx Plus® insert screw set 10 pieces Drive 10IP                 | 239700 10IP |
| PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 10IP | 674252 10IP |