

**Garant**
**GARANT Power Drill indexable drill Combination shank, 3xD, Ø DC: 31 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 234005 31     |
| GTIN         | 4045197696724 |
| 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:**  $-0.1 / +0.3$  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.

for inch Ø: 1 7/32 inch

Overhang  $L_A$ : 117 mm

Shank Ø  $D_s$ : 40 mm

Shank length  $L_s$ : 68 mm

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

ISO code indexable insert: SOGX 100408

**Technical description**

|                           |             |
|---------------------------|-------------|
| Shank Ø $D_s$             | 40 mm       |
| ISO code indexable insert | SOGX 100408 |
| Reach $L_1$               | 93 mm       |

|  |                                    |
|--|------------------------------------|
| Number of cutting edges Z                    | 1                                  |
| Pack of insert screws                        | 239700 10IP (2.8 Nm)               |
| Shank length L <sub>s</sub>                  | 68 mm                              |
| Series                                       | GARANT Power Drill                 |
| Nominal Ø D                                  | 31                                 |
| for inch Ø                                   | 1 7/32 inch                        |
| Maximum adjustment limit V <sub>max</sub>    | 0.25 mm                            |
| Overhang L <sub>A</sub>                      | 117 mm                             |
| Drill depth for indexable insert drill up to | 3×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                                |

## Accessories

|  |             |
|--|-------------|
| Torque screwdriver, fixed setting set torque 2,8 Nm              | 211750 2,8  |
| PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 10IP | 674252 10IP |
| Torx Plus® insert screw set 10 pieces Drive 10IP                 | 239700 10IP |