

**Garant**
**GARANT Power Drill indexable drill Combination shank, 4xD, Ø DC m7: 28,5mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 234010 28,5   |
| GTIN         | 4045197740526 |
| 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.

**Suitable for:**

Inserts SOGX 100408.

**Note:**

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

**Technical description**

|                           |                      |
|---------------------------|----------------------|
| Reach $L_1$               | 116 mm               |
| Shank length $L_s$        | 60 mm                |
| Shank $\varnothing D_s$   | 32 mm                |
| Number of cutting edges Z | 1                    |
| Pack of insert screws     | 239700 10IP (2.8 Nm) |

|  |                                    |
|--|------------------------------------|
| ISO code indexable insert                    | SOGX 100408                        |
| Series                                       | Power Drill                        |
| Nominal $\varnothing$ D                      | 28.5                               |
| for inch $\varnothing$                       | 1 1/8 in                           |
| Maximum adjustment limit $V_{max}$           | 0.25 mm                            |
| Overhang $L_A$                               | 139 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 | 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                                |
| Type of product                              | Indexable drill                    |

## Accessories

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