

**Garant**
**"4 in 1" drilling and turning tool 2.25×D, left-hand, Ø DC: 20mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 268409 20     |
| GTIN         | 4062406273019 |
| Item class   | 21X           |

**Description**
**Version:**

Plain shank **with collar.**

**Application:**

1. Facing of end faces.
2. Drilling (drilling out and drilling from solid) – flat drilled hole end.
3. Internal longitudinal turning.
4. External longitudinal turning.

**Note:**

- **Choose corner radii and toolholder size as large as possible.**
- **Drilling tolerance + 0.15 mm (for drilling processes with a driven tool).**
- **When drilling greater than nominal Ø, residual material will remain.**
- **Always use internal cooling for drilling (at least 5 bar).**

**Technical description**

|                           |                        |
|---------------------------|------------------------|
| Shank length $L_s$        | 56 mm                  |
| Nominal $\varnothing D$   | 20 mm                  |
| $\varnothing d_2$         | 32 mm                  |
| Shank $\varnothing D_s$   | 25 mm                  |
| Reach $L_1$               | 46 mm                  |
| Pack of insert screws     | 269028 43 (IP10; 2 Nm) |
| suitable indexable insert | ZCMX 10..              |

|                         |            |
|-------------------------|------------|
| Overhang L <sub>A</sub> | 57.5 mm    |
| Series                  | "4 in 1"   |
| Application type        | left-hand  |
| Through-coolant         | yes        |
| Type of product         | Boring bar |

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## Accessories

|                              |           |
|------------------------------|-----------|
| Set of insert screws Type 43 | 269028 43 |
|------------------------------|-----------|