Garant

# ”4 in 1” drilling and turning tool 2.25×D, left-hand, ⌀ DC: 12 mm



## Order data

| | |
|---|---|
| Order number | 268409 12 |
| GTIN | 4062406272999 |
| 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 ⌀, residual material will remain.**
· **Always use internal cooling for drilling (at least 5 bar).**
Through-coolant: yes
Overhang $L_A$: 35 mm
Shank length $L_s$: 45 mm
Reach $L_1$: 27 mm
Shank ⌀ $D_s$: 16 mm
⌀ $d_2$: 20 mm
suitable indexable insert: ZCMX 06..

## Technical description

| | |
|---|---|
| ⌀ $d_2$ | 20 mm |
| Reach $L_1$ | 27 mm |
| Pack of insert screws | 269028 41 (IP7; 0.9 Nm) |

| | |
|---|---|
| Nominal ⌀ D | 12 mm |
| Shank length $L_s$ | 45 mm |
| Shank ⌀ $D_s$ | 16 mm |
| suitable indexable insert | ZCMX 06.. |
| Overhang $L_A$ | 35 mm |
| Application type | left-hand |
| Through-coolant | yes |
| Type of product | Boring bar |

## Accessories

| | |
|---|---|
| Set of insert screws Type 41 | 269028 41 |