

Garant
Indexable drill combination shank Shank Ø 20 mm, 3xD, Ø DC m7: 22,5mm


Order data

| | |
|--------------|---------------|
| Order number | 232302 22,5 |
| GTIN | 4045197351821 |
| Item class | 21S |

Description

Version:

High stability and very high process reliability.

With **shank Ø 20 mm**, particularly suitable for **driven tools** (see Group 31).

Application:

For stationary and rotating application.

For holes free of withdrawal scoring and exact dimensional accuracy (approx. ± 0.1 mm).

Also suitable for machines with low drive power. Especially for **MTC (Multi Task Cutting)** use on the new generation of turning/milling centres (**MTM**).

With indexable inserts No. 232400 – 232780.

Suitable for:

Inserts WOEX 040304.

Note:

Counterboring tools with up to 2 steps to your specification available on request. (Minimum order quantity: 2 pieces).

The enquiry form can be found in the eShop on the product page under "Forms".

CAUTION!

A disc falls off when the drill exits.

Risk of injury if the component is rotating.

Please take safety precautions.

Technical description

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|---------------------------|----------------------|
| ISO code indexable insert | WOEX 040304 |
| Pack of insert screws | 239700 6IP1 (1.0 Nm) |
| Number of cutting edges Z | 1 |

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|--|------------------------|
| Shank $\varnothing D_s$ | 20 mm |
| Reach L_1 | 69 mm |
| Shank length L_s | 50 mm |
| Nominal $\varnothing D$ | 22.5 |
| Overall length L | 143 mm |
| Maximum adjustment limit V_{max} | 0.5 mm |
| Overhang L_A | 93 mm |
| Drill depth for indexable insert drill up to | 3xD |
| Shank | DIN 6535 HE, DIN 6595 |
| Use for drilling | Centre drilling |
| Use for drilling | oblique spot drilling |
| Use for drilling | limited cross-drilling |
| Use for drilling | Aperture |
| Use for drilling | oblique exit |
| Use for drilling | convex |
| Through-coolant | yes |
| Machining strategy | MTC |
| Type of product | Indexable drill |

Accessories

| | |
|--|-------------|
| Torx Plus® insert screw set 10 pieces Drive 6IP1 | 239700 6IP1 |
| PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP | 674252 6IP |
| Torque screwdriver, fixed setting set torque 1,0 N·m | 211750 1,0 |