

**Garant**
**Indexable drill combination shank, 2×D, Ø DC: 20 mm**

**Order data**

Order number	232298 20
GTIN	4045197676924
Item class	21S

**Description**
**Version:**
**High stability and very high process reliability.**
**Application:**
**For stationary and rotating application.**

 For holes free of withdrawal scoring and exact dimensional accuracy (approx.  $\pm 0.1$  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.

**Note:**
**CAUTION!**

A disc falls off when the drill exits.

Risk of injury if the component is rotating.

Please take safety precautions.

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

 Overhang  $L_A$ : 64 mm

 Shank  $\varnothing D_s$ : 25 mm

 Shank length  $L_s$ : 56 mm

 Maximum adjustment limit  $V_{max}$ : 0.5 mm

ISO code indexable insert: WOEX 040304

Pack of insert screws: 239700 6IP1 (1.0 Nm)

**Technical description**

ISO code indexable insert	WOEX 040304
Shank $\varnothing D_s$	25 mm

Number of cutting edges Z	1
Pack of insert screws	239700 6IP1 (1.0 Nm)
Reach $L_1$	40 mm
Shank length $L_s$	56 mm
Nominal $\varnothing$ D	20
Maximum adjustment limit $V_{max}$	0.5 mm
Overhang $L_A$	64 mm
Drill depth for indexable insert drill up to	2×D
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	limited drilling through a stack
Use for drilling	Aperture
Use for drilling	oblique exit
Use for drilling	convex
Through-coolant	yes
Machining strategy	MTC

## Accessories

Torx Plus® insert screw set 10 pieces Drive 6IP1	239700 6IP1
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 6IP	674252 6IP
Torque screwdriver, fixed setting set torque 1,0 Nm	211750 1,0