

**Garant**
**Indexable drill combination shank, 4xD, Ø DC: 30 mm**

**Order data**

Order number	232310 30
GTIN	4045197552945
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  $L_A$ : 149 mm

 Shank  $\varnothing D_s$ : 32 mm

 Shank length  $L_s$ : 60 mm

 Maximum adjustment limit  $V_{max}$ : 1.25 mm

ISO code indexable insert: WOEX 05T304

Pack of insert screws: 239700 8IP (1.3 Nm)

**Technical description**

Shank $\varnothing D_s$	32 mm
Reach $L_1$	120 mm

Number of cutting edges Z	1
ISO code indexable insert	WOEX 05T304
Pack of insert screws	239700 8IP (1.3 Nm)
Shank length L <sub>s</sub>	60 mm
Nominal Ø D	30
Maximum adjustment limit V <sub>max</sub>	1.25 mm
Overhang L <sub>A</sub>	149 mm
Drill depth for indexable insert drill up to	4×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 8IP	239700 8IP
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP
Torque screwdriver, fixed setting set torque 1,3 Nm	211750 1,3