

Garant**Indexable drill combination shank Shank Ø 20 mm, 3xD, Ø DC m7: 14mm****Order data**

Order number	232302 14
GTIN	4045197351708
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 030204.

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

Shank Ø D _s	20 mm
Reach L ₁	42 mm
ISO code indexable insert	WOEX 030204

Number of cutting edges Z	1
Pack of insert screws	239700 6IP (0.6 Nm)
Shank length L _s	50 mm
Nominal Ø D	14
Overall length L	116 mm
Maximum adjustment limit V _{max}	0.5 mm
Overhang L _A	66 mm
Drill depth for indexable insert drill up to	3×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	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 6IP	239700 6IP
Torque screwdriver, fixed setting set torque 0,6 N·m	211750 0,6
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP	674252 6IP