

Garant
Indexable drill combination shank, 4xD, Ø DC: 31 mm

Order data

Order number	232310 31
GTIN	4045197552952
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. ± 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)

for inch Ø: 1 7/32 inch

 Overhang L_A : 153 mm

 Shank Ø D_s : 32 mm

 Shank length L_s : 60 mm

 Maximum adjustment limit V_{max} : 1.25 mm

ISO code indexable insert: WOEX 05T304

Technical description

Shank Ø D_s	32 mm
ISO code indexable insert	WOEX 05T304

Reach L_1	124 mm
Pack of insert screws	239700 8IP (1.3 Nm)
Number of cutting edges Z	1
Shank length L_s	60 mm
Nominal \varnothing D	31
for inch \varnothing	1 7/32 inch
Maximum adjustment limit V_{max}	1.25 mm
Overhang L_A	153 mm
Drill depth for indexable insert drill up to	4xD
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

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
Torx Plus® insert screw set 10 pieces Drive 8IP	239700 8IP