

Garant
Indexable drill combination shank, 3xD, Ø DC: 33 mm

Order data

Order number	232300 33
GTIN	4045197346124
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)

 Overhang L_A : 128 mm

 Shank $\varnothing D_s$: 32 mm

 Shank length L_s : 60 mm

 Maximum adjustment limit V_{max} : 0.5 mm

ISO code indexable insert: WOEX 05T304

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

Technical description

Reach L_1	99 mm
Number of cutting edges Z	1

Pack of insert screws	239700 8IP (1.3 Nm)
Shank $\varnothing D_s$	32 mm
ISO code indexable insert	WOEX 05T304
Shank length L_s	60 mm
Nominal $\varnothing D$	33
Maximum adjustment limit V_{max}	0.5 mm
Overhang L_A	128 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	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

Torque screwdriver, fixed setting set torque 1,3 Nm	211750 1,3
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP
Torx Plus® insert screw set 10 pieces Drive 8IP	239700 8IP