

Garant
Indexable drill combination shank, 4xD, Ø DC: 19 mm

Order data

Order number	232310 19
GTIN	4045197552822
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 : 100 mm

 Shank $\varnothing D_s$: 20 mm

 Shank length L_s : 50 mm

 Maximum adjustment limit V_{max} : 0.25 mm

ISO code indexable insert: WOEX 030204

Pack of insert screws: 239700 6IP (0.6 Nm)

Technical description

Reach L_1	76 mm
Shank $\varnothing D_s$	20 mm

Pack of insert screws	239700 6IP (0.6 Nm)
Number of cutting edges Z	1
ISO code indexable insert	WOEX 030204
Shank length L _s	50 mm
Nominal Ø D	19
Maximum adjustment limit V _{max}	0.25 mm
Overhang L _A	100 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 6IP	239700 6IP
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 6IP	674252 6IP
Torque screwdriver, fixed setting set torque 0,6 Nm	211750 0,6