Garant

Indexable drill combination shank Shank ⌀ 20 mm, 3×D, ⌀ DC m7: 19mm

Order data

Order number	232302 19
GTIN	4045197351777
Item class	21S

Description

Version:
High stability and very high process reliability.
With **shank ⌀ 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 ⌀ D_s	20 mm
Pack of insert screws	239700 6IP (0.6 Nm)
ISO code indexable insert	WOEX 030204

Reach L_1	57 mm
Number of cutting edges Z	1
Shank length L_s	50 mm
Nominal ∅ D	19
Overall length L	131 mm
Maximum adjustment limit V_{max}	0.25 mm
Overhang L_A	81 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

PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP	674252 6IP
Torque screwdriver, fixed setting set torque 0,6 N·m	211750 0,6
Torx Plus® insert screw set10 pieces Drive 6IP	239700 6IP