


KUB Pentron® indexable drill Plain shank, 5×D, Ø DC m7: 19,5mm

Order data

Order number	236602 19,5
GTIN	4047109181564
Item class	24P

Description
Version:

- **Very high performance and long tool life thanks to optimised base body strength and special surface treatment.**
- **Best dimensional accuracy under very difficult drilling conditions.**
- **Stock costs reduced because internal and external inserts are identical.**
- **Offset-axis drilling is possible up to $V_{max} = 0.25$ mm. Maximum $\varnothing = D + 0.5$ mm achievable by offsetting.**

Bore tolerance: $\varnothing D - 0.1 / + 0.35$

Application:

- **Under extreme machining conditions.**

With indexable inserts No. 236605 – 236610.

Supplied with:

Clamp screws (without indexable inserts).

Recommendation:

When spot-drilling reduce the feed rate by 70 %.

Note:

Version with PSC shank available on request.

Version 2×D and 3×D with ABS® also available on request in imperial sizes.

Technical description

Reach L_1	100 mm
Shank $\varnothing D_s$	25 mm
ISO code indexable insert	SOGX 060206 18-...
Number of cutting edges Z	1

Pack of insert screws	239652 6IP2 (1.0 Nm)
Shank length L_s	56 mm
Series	KUB Pentron®
Nominal $\varnothing D$	19.5
Overhang L_A	118 mm
Drill depth for indexable insert drill up to	5×D
Shank	ISO 9766
Use for drilling	limited centre drilling
Use for drilling	limited convexity
Use for drilling	limited cross-drilling
Use for drilling	limited drilling through a stack
Use for drilling	limited drilling with oblique exit
Use for drilling	limited cross-drilling
Through-coolant	yes
Machining strategy	HPC
Type of product	Indexable drill

Accessories

Torx Plus® insert screw set 10 pieces Drive 6IP2	239652 6IP2
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP	674252 6IP
Torque screwdriver, fixed setting set torque 1,0 N·m	211750 1,0