



KUB Pentron® indexable drill Plain shank, 5×D, Ø DC m7: 42,5mm



Order data

Order number	236602 42,5
GTIN	4047109204621
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	215 mm
Number of cutting edges Z	1
Shank $\varnothing D_s$	40 mm
ISO code indexable insert	SOGX 130508 46-...

Pack of insert screws	239652 20IP (6.3 Nm)
Shank length L _s	68 mm
Series	KUB Pentron®
Nominal Ø D	42.5
Overhang L _A	245 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

PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 20IP	674252 20IP
8 mm blade with magnetwith 1/4 inch bit holder overall length 50 mm	659874 50
Torx Plus® insert screw set10 pieces Drive 20IP	239652 20IP
Torque screwdriverwith scale, to take interchangeable blades maximum torque 1600 cNm	659906 1600
Torque screwdriverwith scale, to take interchangeable blades maximum torque 1600 cNm	659957 1600