



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



### Order data

Order number	236602 42
GTIN	4047109201477
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

ISO code indexable insert	SOGX 120408 42-...
Number of cutting edges Z	1
Pack of insert screws	239652 20IP (6.3 Nm)
Reach $L_1$	210 mm

Shank $\varnothing D_s$	40 mm
Shank length $L_s$	68 mm
Series	KUB Pentron®
Nominal $\varnothing D$	42
for inch $\varnothing$	1 21/32 in
Overhang $L_A$	239 mm
Drill depth for indexable insert drill up to	5xD
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

Torque screwdriver with scale, to take interchangeable blades maximum torque 1600 cNm	659906 1600
8 mm blade with magnet with 1/4 inch bit holder overall length 50 mm	659874 50
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 20IP	674252 20IP
Torx Plus® insert screw set 10 pieces Drive 20IP	239652 20IP
Torque screwdriver with scale, to take interchangeable blades maximum torque 1600 cNm	659957 1600