



## KUB Pentron® indexable drill Plain shank, 5×D, Ø DC m7: 33mm



### Order data

Order number	236602 33
GTIN	4047109197916
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

Number of cutting edges Z	1
Reach $L_1$	165 mm
Shank $\varnothing D_s$	40 mm
Pack of insert screws	239652 15IP1 (2.8 Nm)

ISO code indexable insert	SOGX 100408 32-...
Shank length L <sub>s</sub>	68 mm
Series	KUB Pentron®
Nominal Ø D	33
Overhang L <sub>A</sub>	190 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 15IP1	239652 15IP1
Torque screwdriver, fixed setting set torque 2,8 N·m	211750 2,8
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP