

Garant

FeedKing high feed rate indexable face mill, with threaded shank, Ø D / number of teeth Z: 42/6 mm



Order data

Order number	212905 42/6
GTIN	4045197715326
Item class	210

Description

Version:

Dynamic cutting edge geometry for highest feed rates. Extremely smooth cutting due to **self-stabilising insert bedding**. **Optimised geometry** for reduced cutting forces, thereby reducing the stress on the main spindle.

Advantage:

Particularly cost-effective due to **exceptionally sturdy 4-edge** inserts.

Note:

When working with extensions, always use internal cooling. Use GARANT torque screwdriver TQ No. **211750 size 2.2** with bit No. **674252 size 9IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 6

Ø D₁ h6: 17 mm

Ø D₂: 28.7 mm

Ø D₃: 28.4 mm

maximum cutting depth a_{p,max}: 0.85 mm

Overall length L_{tot}: 42 mm

Technical description

suitable indexable insert	XD.. 070308
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Ø D ₂	28.7 mm
Ø D ₁ h6	17 mm
Ø D ₃	28.4 mm
Cutting edge Ø D _c	42 mm
maximum cutting depth a _{p max}	0.85 mm
Pack of insert screws	219810 (9IP; 2.2 Nm)
Mounting thread M	M16
Overall length L _{tot}	42 mm
Number of cutting edges Z	6
Through-coolant	yes
Ramping length L for α _{max}	43.3 mm
Circular interpolation milling Ø D _{min}	73.6 mm
Circular interpolation milling a _p	0.85 mm
Ramping angle α _{max}	1.1 degrees
Circular interpolation milling Ø D _{max}	82.9 mm
Shank type	with threaded shank
Milling application	Ramping
Milling application	Plunging
Milling application	Circular milling
Spacing of the cutters	unequal spacing
Machining strategy	HPC
Tool exchange	PowerCard

Accessories

Set of insert screws pack of 10 10-piece	219810
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 9IP	674252 9IP
Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2

