

Garant

FeedKing high feed rate indexable face mill, with threaded shank, Ø D / number of teeth Z: 42/4 mm



Order data

Order number	212905 42/4
GTIN	4045197715319
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 5.7** with bit No. **674252 size 20IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 4

Ø D₁ h6: 17 mm

Ø D₂: 28.7 mm

Ø D₃: 21 mm

maximum cutting depth a_{p,max}: 1.8 mm

Overall length L_{tot}: 42 mm

Technical description

Pack of insert screws	219800 (20IP; 5.7 Nm)
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Overall length L_{tot}	42 mm
$\varnothing D_1$ h6	17 mm
$\varnothing D_3$	21 mm
$\varnothing D_2$	28.7 mm
suitable indexable insert	XD.. 120408
Cutting edge $\varnothing D_c$	42 mm
Mounting thread M	M16
maximum cutting depth $a_{p,max}$	1.8 mm
Number of cutting edges Z	4
Through-coolant	yes
Ramping length L for α_{max}	50.1 mm
Circular interpolation milling $\varnothing D_{min}$	68.5 mm
Circular interpolation milling a_p	1.85 mm
Ramping angle α_{max}	2.1 degrees
Circular interpolation milling $\varnothing D_{max}$	83 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

Torque screwdriver, fixed setting set torque 5,7 Nm	211750 5,7
Set of insert screws 10 pieces	219800
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 20IP	674252 20IP

