

## Garant

**FeedKing high feed rate indexable face mill, with threaded shank,  $\varnothing D$  / number of teeth Z: 35/5 mm**



### Order data

Order number	212905 35/5
GTIN	4045197549747
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: 5

$\varnothing D_1$  h6: 17 mm

$\varnothing D_2$ : 28.7 mm

$\varnothing D_3$ : 21.8 mm

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

Overall length  $L_{tot}$ : 42 mm

### Technical description

Overall length $L_{tot}$	42 mm
Mounting thread M	M16

Cutting edge $\varnothing D_c$	35 mm
Pack of insert screws	219810 (9IP; 2.2 Nm)
$\varnothing D_1$ h6	17 mm
$\varnothing D_2$	28.7 mm
suitable indexable insert	XD.. 070308
maximum cutting depth $a_{p\max}$	0.85 mm
$\varnothing D_3$	21.8 mm
Number of cutting edges Z	5
Through-coolant	yes
Ramping length L for $\alpha_{\max}$	34.1 mm
Circular interpolation milling $\varnothing D_{\min}$	59.6 mm
Circular interpolation milling $a_p$	0.85 mm
Ramping angle $\alpha_{\max}$	1.4 degrees
Circular interpolation milling $\varnothing D_{\max}$	66.9 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
Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 9IP	674252 9IP