

## Garant

**FeedKing high feed rate indexable face mill, with bore,  $\varnothing$  D / number of teeth  
Z: 66/6Smm**



### Order data

Order number	212910 66/6S
GTIN	4045197715302
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:

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: 6

$\varnothing$  D<sub>3</sub>: 45 mm

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

Overall length  $L_{tot}$ : 50 mm

Mounting bore  $\varnothing$ : 27 mm

Circular interpolation milling  $\varnothing$  D<sub>min</sub>: 111 mm

### Technical description

Pack of insert screws	219800 (20IP; 5.7 Nm)
Ø D <sub>3</sub>	45 mm
maximum cutting depth a <sub>p max</sub>	1.8 mm
Overall length L <sub>tot</sub>	50 mm
Cutting edge Ø D <sub>c</sub>	66 mm
Mounting bore Ø	27 mm
suitable indexable insert	XD.. 120408
Number of cutting edges Z	6
Through-coolant	yes
Circular interpolation milling Ø D <sub>min</sub>	111 mm
Circular interpolation milling Ø D <sub>max</sub>	130 mm
Circular interpolation milling a <sub>p</sub>	1.85 mm
Ramping length L for α <sub>max</sub>	44.5 mm
Ramping angle α <sub>max</sub>	0.39°
Setting angle κ	12°
Fz Helix	0.7
Shank type	with bore
Milling application	Circular milling
Milling application	Ramping
Milling application	Plunging
Spacing of the cutters	unequal spacing
Machining strategy	HPC
Tool exchange	PowerCard

## Accessories

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile  
15IP

674252 15IP

Torque screwdriver, fixed setting set torque 3,8 N·m	211750 3,8
Set of insert screws 10 pieces	219800
Set of insert screws 10 pieces	219933