

## Garant

**FeedKing high feed rate indexable face mill, with bore,  $\varnothing$  D / number of teeth  
Z: 80/7mm**



### Order data

Order number	212910 80/7
GTIN	4045197411761
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 3.8** with bit No. **674252 size 15IP**.

### Technical description

suitable indexable insert	XD.. 09T308
Cutting edge $\varnothing$ D <sub>c</sub>	80 mm
$\varnothing$ D <sub>3</sub>	64 mm
Overall length L <sub>tot</sub>	50 mm

Mounting bore $\varnothing$	32 mm
Pack of insert screws	219933 (15IP; 3.8 Nm)
maximum cutting depth $a_{p\max}$	1.15 mm
Number of cutting edges Z	7
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\min}$	144 mm
Circular interpolation milling $\varnothing D_{\max}$	158 mm
Circular interpolation milling $a_p$	1.15 mm
Ramping length L for $\alpha_{\max}$	63.5 mm
Ramping angle $\alpha_{\max}$	0.27 degrees
Series	FeedKing
Setting angle $\kappa$	9 degrees
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
Type of product	Copy mill

## Accessories

Torque screwdriver, fixed setting set torque 3,8 N·m	211750 3,8
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP
Set of insert screws 10 pieces	219933