

## Garant

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



### 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**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 7

$\varnothing$  D<sub>3</sub>: 64.4 mm

maximum cutting depth  $a_{p,max}$ : 1.15 mm

Overall length L<sub>tot</sub>: 50 mm

Mounting bore  $\varnothing$ : 32 mm

Circular interpolation milling  $\varnothing$  D<sub>min</sub>: 148.2 mm

### Technical description

suitable indexable insert	XD.. 09T308
Cutting edge $\varnothing D_c$	80 mm
$\varnothing D_3$	64.4 mm
Overall length $L_{tot}$	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 $\varnothing D_{min}$	148.2 mm
Circular interpolation milling $\varnothing D_{max}$	158.9 mm
Circular interpolation milling $a_p$	1.15 mm
Ramping length L for $\alpha_{max}$	134.3 mm
Ramping angle $\alpha_{max}$	0.5 degrees
Setting angle $\kappa$	10 degrees
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

Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP

Set of insert screws 10 pieces

219933