

## Garant

**FeedKing high feed rate indexable face mill, with bore,  $\varnothing$  D / number of teeth  
Z: 100/7 mm**



### Order data

Order number	212910 100/7
GTIN	4045197514394
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: 7

$\varnothing$  D<sub>3</sub>: 79.2 mm

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

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

Mounting bore  $\varnothing$ : 32 mm

Circular interpolation milling  $\varnothing$  D<sub>min</sub>: 184.6 mm

### Technical description

maximum cutting depth $a_{p\max}$	1.8 mm
Overall length $L_{\text{tot}}$	50 mm
$\varnothing D_3$	79.2 mm
Mounting bore $\varnothing$	32 mm
suitable indexable insert	XD.. 120408
Cutting edge $\varnothing D_c$	100 mm
Pack of insert screws	219800 (20IP; 5.7 Nm)
Number of cutting edges Z	7
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\min}$	184.6 mm
Circular interpolation milling $\varnothing D_{\max}$	199.1 mm
Circular interpolation milling $a_p$	1.85 mm
Ramping length L for $\alpha_{\max}$	229.7 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

219800