

Garant

**FeedKing high feed rate indexable face mill, with bore, \varnothing D / number of teeth
Z: 80/6 mm**



Order data

Order number	212910 80/6
GTIN	4045197514370
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 D₃: 59.1 mm

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

Overall length L_{tot}: 50 mm

Mounting bore \varnothing : 32 mm

Circular interpolation milling \varnothing D_{min}: 144.4 mm

Technical description

Ø D ₃	59.1 mm
maximum cutting depth a _{p max}	1.8 mm
suitable indexable insert	XD.. 120408
Cutting edge Ø D _c	80 mm
Mounting bore Ø	32 mm
Overall length L _{tot}	50 mm
Pack of insert screws	219800 (20IP; 5.7 Nm)
Number of cutting edges Z	6
Through-coolant	yes
Circular interpolation milling Ø D _{min}	144.4 mm
Circular interpolation milling Ø D _{max}	158.9 mm
Circular interpolation milling a _p	1.85 mm
Ramping length L for α _{max}	180.2 mm
Ramping angle α _{max}	0.6 degrees
Setting angle κ	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

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

Set of insert screws 10 pieces

219800