

Garant**FeedKing high feed rate milling cutter with bore, for indexable inserts XD..****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**.

Technical description

$\varnothing D_3$	59 mm
maximum cutting depth $a_{p \max}$	1.8 mm
suitable indexable insert	XD.. 120408
Cutting edge $\varnothing D_c$	80 mm
Mounting bore $\varnothing$	32 mm

Overall length L_{tot}	50 mm
Set of insert screws	219800 (20IP; 5.7 Nm)
Number of cutting edges Z	6
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\text{min}}$	139 mm
Circular interpolation milling $\varnothing D_{\text{max}}$	158 mm
Circular interpolation milling a_p	1.85 mm
Ramping length L for α_{max}	58.5 mm
Ramping angle α_{max}	0.29 degrees
Series	FeedKing
Setting angle κ	12 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

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/212910-80/6>