Garant

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

Order data

Order number	212910 52/4
GTIN	4045197321015
Item class	21O

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

Overall length L_{tot}	40 mm
Cutting edge ∅ D_C	52 mm
maximum cutting depth $a_{p\,max}$	1.8 mm
Set of insert screws	219800 (20IP; 5.7 Nm)
Mounting bore ∅	22 mm

∅ D_3	31 mm
suitable indexable insert	XD.. 120408
Number of cutting edges Z	4
Through-coolant	yes
Circular interpolation milling ∅ D_{min}	83 mm
Circular interpolation milling ∅ D_{max}	102 mm
Circular interpolation milling a_p	1.85 mm
Ramping length L for α_{max}	30.5 mm
Ramping angle α_{max}	0.56 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/212910-52/4