

Garant

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



Order data

Order number	212900 18/2
GTIN	4045197607102
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 2.2** with bit No. **674252 size 9IP**.

Technical description

$\varnothing D_3$	5 mm
Cutting edge $\varnothing D_c$	18 mm
suitable indexable insert	XD.. 070308
Shank $\varnothing D_s$ h6	16 mm
Set of insert screws	219810 (9IP; 2.2 Nm)
maximum cutting depth $a_{p\max}$	0.85 mm
Overall length L_{tot}	80 mm
Overhang L_1	30 mm
Number of cutting edges Z	2

Through-coolant	yes
Circular interpolation milling $\varnothing D_{\max}$	34 mm
Circular interpolation milling $\varnothing D_{\min}$	23 mm
Ramping angle $\alpha_{\max}$	4.29 degrees
Ramping length L for $\alpha_{\max}$	4 mm
Circular interpolation milling a_p	0.85 mm
Series	FeedKing
Setting angle κ	10 degrees
Shank type	Weldon shank
Milling application	Circular milling
Milling application	Ramping
Milling application	Ramping
Spacing of the cutters	unequal spacing
Machining strategy	HPC
Tool exchange	PowerCard
Type of product	Copy mill

Accessories

Torque screwdriver, fixed setting set torque 2,2 N·m	211750 2,2
Set of insert screws pack of 1010-piece	219810
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 9IP	674252 9IP