

Garant**FeedKing high feed rate milling cutter with plain shank, for indexable inserts XD..****Order data**

Order number	212902 18/2L
GTIN	4045197649348
Item class	210

Description**Version:**

Dynamic cutter geometry for highest feed rates. Extremely smooth cutting action 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

Overhang L_1	30 mm
Shank $\varnothing D_s$ h6	16 mm
Number of cutting edges Z	2
$\varnothing D_3$	5 mm
suitable indexable insert	XD.. 070308
Set of insert screws	219810 (9IP; 2.2 Nm)
maximum cutting depth $a_{p\max}$	0.85 mm
Cutting edge $\varnothing D_c$	18 mm
Overall length L_{tot}	160 mm
Through-coolant	yes

Circular interpolation milling $\varnothing D_{\max}$	34 mm
Circular interpolation milling $\varnothing D_{\min}$	23 mm
Ramping angle α_{\max}	4.29 degrees
Ramping length L for α_{\max}	4 mm
Circular interpolation milling a_p	0.85 mm
Series	FeedKing
Setting angle κ	10 degrees
Shank type	Plain shank
Milling application	Plunging
Milling application	Ramping
Milling application	Circular milling
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/212902-18/2L>