

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

Order number	212905 35/3S
GTIN	4045197750587
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:

When working with extensions, always use internal cooling. Use GARANT torque screwdriver TQ No. **211750 size 5.7** with bit No. **674252 size 20IP**.

Technical description

Mounting thread M	M16
Cutting edge $\varnothing D_c$	35 mm
$\varnothing D_2$	28.7 mm
$\varnothing D_1$ h6	17 mm
maximum cutting depth $a_{p \max}$	1.8 mm
Overall length L_{tot}	42 mm
Number of cutting edges Z	3

Ø D ₃	14 mm
suitable indexable insert	XD.. 120408
Set of insert screws	219800 (20IP; 5.7 Nm)
Through-coolant	yes
Ramping length L for $\alpha_{\max}$	13.5 mm
Circular interpolation milling Ø D _{min}	49 mm
Circular interpolation milling a _p	1.85 mm
Ramping angle $\alpha_{\max}$	1.27 degrees
Circular interpolation milling Ø D _{max}	68 mm
Series	FeedKing
Shank type	with threaded shank
Milling application	Ramping
Milling application	Plunging
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/212905-35/3S>