

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

Order number	212905 42/6
GTIN	4045197715326
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 2.2** with bit No. **674252 size 9IP**.

Technical description

suitable indexable insert	XD.. 070308
$\varnothing D_2$	28.7 mm
$\varnothing D_1 h6$	17 mm
$\varnothing D_3$	29 mm
Cutting edge $\varnothing D_c$	42 mm
maximum cutting depth $a_{p\max}$	0.85 mm
Set of insert screws	219810 (9IP; 2.2 Nm)

Mounting thread M	M16
Overall length L_{tot}	42 mm
Number of cutting edges Z	6
Through-coolant	yes
Ramping length L for α_{max}	28 mm
Circular interpolation milling $\varnothing D_{min}$	71 mm
Circular interpolation milling a_p	0.85 mm
Ramping angle α_{max}	0.61 degrees
Circular interpolation milling $\varnothing D_{max}$	82 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/212905-42/6>