

Garant

FeedKing high feed rate indexable face mill, Weldon shank, Ø D / number of teeth Z: 18/2 mm



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**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

Ø D₃: 5.2 mm

maximum cutting depth a_{p,max}: 0.85 mm

Overhang L₁: 30 mm

Overall length L_{tot}: 80 mm

Shank Ø D_s h6: 16 mm

Technical description

Ø D ₃	5.2 mm
Cutting edge Ø D _c	18 mm
suitable indexable insert	XD.. 070308
Shank Ø D _s h6	16 mm

Pack 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 $\varnothing D_{\max}$	35 mm
Circular interpolation milling $\varnothing D_{\min}$	25.8 mm
Ramping angle α_{\max}	7.1 degrees
Ramping length L for α_{\max}	6.9 mm
Circular interpolation milling a_p	0.85 mm
Setting angle κ	8.5 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

Accessories

Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 9IP	674252 9IP
Set of insert screws pack of 10 10-piece	219810