

Garant

FeedKing high feed rate indexable face mill, Plain shank, $\varnothing D$ / number of teeth Z: 20/2L mm



Order data

Order number	212902 20/2L
GTIN	4045197549730
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**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

$\varnothing D_3$: 6.9 mm

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

Overhang L_1 : 35 mm

Overall length L_{tot} : 160 mm

Shank $\varnothing D_s$ h6: 18 mm

Technical description

Shank $\varnothing D_s$ h6	18 mm
Cutting edge $\varnothing D_c$	20 mm
Overall length L_{tot}	160 mm
maximum cutting depth $a_{p,max}$	0.85 mm
Number of cutting edges Z	2

Ø D ₃	6.9 mm
Pack of insert screws	219810 (9IP; 2.2 Nm)
suitable indexable insert	XD.. 070308
Overhang L ₁	35 mm
Through-coolant	yes
Circular interpolation milling Ø D _{max}	39 mm
Circular interpolation milling Ø D _{min}	29.7 mm
Ramping angle α _{max}	5.2 degrees
Ramping length L for α _{max}	9.4 mm
Circular interpolation milling a _p	0.85 mm
Setting angle κ	8.5 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

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