

Garant

Copy mill 0° negative, with threaded shank, Ø D / number of teeth Z: 42/6 mm


Order data

Order number	212135 42/6
GTIN	4045197192769
Item class	210

Description
Version:

Milling body with irregular pitch for smooth cutting.

- **High axial run-out accuracy and concentricity**
- **Stepless repositioning of the insert as the cutting edge wears.**

Note:

Use GARANT torque screwdriver TQ No. **211750 size 3.8** with bit No. **674252 size 15IP**.

$a_{p\ max} = 2.5\ mm$.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 6

Ø D₁ h6: 17 mm

Ø D₂: 28.7 mm

Ø D₃: 32 mm

Overall length L_{tot}: 42 mm

Mounting thread M: M16

Technical description

Pack of insert screws	219804 (15IP; 3.8 Nm)
Ø D ₃	32 mm
Mounting thread M	M16

Overall length L_{tot}	42 mm
suitable indexable insert	RD..1003
$\varnothing D_1$ h6	17 mm
$\varnothing D_2$	28.7 mm
Cutting edge $\varnothing D_c$	42 mm
Number of cutting edges Z	6
Through-coolant	yes
Ramping length L for α_{max}	29.46 mm
Circular interpolation milling $\varnothing D_{min}$	74 mm
Circular interpolation milling a_p	2.5 mm
Ramping angle α_{max}	1.36 degrees
Circular interpolation milling $\varnothing D_{max}$	82 mm
Shank type	with threaded shank
Milling head suitable for insert shape	round
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Tool exchange	PowerCard

Accessories

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Set of insert screws 10-piece	219804
Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8