

Garant

Copy mill 7° positive, with threaded shank, Ø D / number of teeth Z: 42/6 mm


Order data

Order number	212140 42/6
GTIN	4045197888921
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.**

Vibration reduction and soft cutter edge entry due to 7° positive setting of the indexable inserts.

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

suitable indexable insert	RD..1003
Circular interpolation milling Ø D _{min}	74 mm

Mounting thread M	M16
Ramping length L for α_{\max}	29.46 mm
$\varnothing D_2$	28.7 mm
Ramping angle α_{\max}	1.36 degrees
Through-coolant	yes
$\varnothing D_3$	32 mm
$\varnothing D_1$ h6	17 mm
Cutting edge $\varnothing D_c$	42 mm
Number of cutting edges Z	6
Circular interpolation milling $\varnothing D_{\max}$	82 mm
Overall length L_{tot}	42 mm
Pack of insert screws	219804 (15IP; 3.8 Nm)
Shank type	with threaded shank
Milling head suitable for insert shape	round
Milling application	Ramping
Milling application	Circular milling
Spacing of the cutters	unequal spacing
Tool exchange	PowerCard

Accessories

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