

Garant

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


Order data

Order number	212125 42/6
GTIN	4045197192592
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 D₃: 32 mm

Overall length L_{tot}: 40 mm

Mounting bore Ø: 16 mm

Circular interpolation milling Ø D_{min}: 74 mm

Circular interpolation milling Ø D_{max}: 82 mm

Technical description

Cutting edge Ø D _c	42 mm
Overall length L _{tot}	40 mm

Mounting bore \varnothing	16 mm
Pack of insert screws	219804 (15IP; 3.8 Nm)
suitable indexable insert	RD..1003
$\varnothing D_3$	32 mm
Number of cutting edges Z	6
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\min}$	74 mm
Circular interpolation milling $\varnothing D_{\max}$	82 mm
Circular interpolation milling a_p	2.5 mm
Ramping length L for α_{\max}	29.46 mm
Ramping angle α_{\max}	1.36 degrees
Shank type	with bore
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
Set of insert screws 10-piece	219804
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP