

## Garant

Copy mill 7° positive, with bore, Ø D / number of teeth Z: 52/5 mm



### Order data

Order number	212130 52/5
GTIN	4045197750211
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: 5

Ø D<sub>3</sub>: 42 mm

Overall length L<sub>tot</sub>: 50 mm

Mounting bore Ø: 22 mm

Circular interpolation milling Ø D<sub>min</sub>: 94 mm

Circular interpolation milling Ø D<sub>max</sub>: 102 mm

### Technical description

Pack of insert screws	219804 (15IP; 3.8 Nm)
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Cutting edge $\varnothing D_c$	52 mm
suitable indexable insert	RD..1003
$\varnothing D_3$	42 mm
Number of cutting edges Z	5
Overall length $L_{tot}$	50 mm
Mounting bore $\varnothing$	22 mm
Through-coolant	yes
Circular interpolation milling $\varnothing D_{min}$	94 mm
Circular interpolation milling $\varnothing D_{max}$	102 mm
Ramping length L for $\alpha_{max}$	39.45 mm
Ramping angle $\alpha_{max}$	1.02 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

Set of insert screws 10-piece	219804
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