

## Garant

Copy mill 0° negative, with bore, Ø D / number of teeth Z: 52/5 mm



### Order data

Order number	212145 52/5
GTIN	4045197192790
Item class	210

### Description

#### Version:

Milling body with irregular pitch for smooth cutting.

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

#### Attention:

Retaining screws and retaining washers should **not** be used for inserts with positive geometry.

#### Note:

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

$a_{p\max} = 4.0$  mm.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 5

Ø D<sub>3</sub>: 40 mm

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

Mounting bore Ø: 22 mm

Circular interpolation milling Ø D<sub>min</sub>: 92 mm

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

### Technical description

Mounting bore $\varnothing$	22 mm
Cutting edge $\varnothing D_c$	52 mm
suitable indexable insert	RD..12T3
Overall length $L_{tot}$	50 mm
Set of retaining screws	219807 (15IP; 3.8 Nm)
Pack of insert screws	219805 (15IP; 3.8 Nm)
$\varnothing D_3$	40 mm
Number of cutting edges Z	5
Through-coolant	yes
Circular interpolation milling $\varnothing D_{min}$	92 mm
Circular interpolation milling $\varnothing D_{max}$	102 mm
Circular interpolation milling $a_p$	4 mm
Ramping length L for $\alpha_{max}$	36.95 mm
Ramping angle $\alpha_{max}$	1.3 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

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8
Set of insert screws 10-piece	219805
Set of insert screws 10-piece	219807