

Garant

Copy mill 0° negative, with bore, Ø D / number of teeth Z: 100/9 mm



Order data

Order number	212145 100/9
GTIN	4045197192820
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: 9

Ø D₃: 88 mm

Overall length L_{tot}: 50 mm

Mounting bore Ø: 32 mm

Circular interpolation milling Ø D_{min}: 188 mm

Circular interpolation milling Ø D_{max}: 198 mm

Technical description

Set of retaining screws	219807 (15IP; 3.8 Nm)
Cutting edge $\varnothing D_c$	100 mm
suitable indexable insert	RD..12T3
$\varnothing D_3$	88 mm
Mounting bore \varnothing	32 mm
Pack of insert screws	219805 (15IP; 3.8 Nm)
Overall length L_{tot}	50 mm
Number of cutting edges Z	9
Through-coolant	yes
Circular interpolation milling $\varnothing D_{min}$	188 mm
Circular interpolation milling $\varnothing D_{max}$	198 mm
Circular interpolation milling a_p	4 mm
Ramping length L for α_{max}	84.94 mm
Ramping angle α_{max}	0.57 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	219805
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Set of insert screws 10-piece	219807