

Garant

**Copy mill 0° negative, Plain shank, Ø D / number of effective cutting edges Z:
12/3 mm**



Order data

Order number	212070 12/3
GTIN	4045197606082
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:

$a_{p\max} = 1.1$ mm.

Use GARANT torque screwdriver TQ No. **211750 size 0.6** with bit No. **674252 size 6IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 3

Ø D₃: 7 mm

Overhang L₁: 15 mm

Overall length L_{tot}: 75 mm

Shank Ø D_s h6: 10 mm

Circular interpolation milling Ø D_{min}: 19 mm

Technical description

Overall length L _{tot}	75 mm
Cutting edge Ø D _c	12 mm
Shank Ø D _s h6	10 mm
Pack of insert screws	219802 (6IP; 0.6 Nm)
suitable indexable insert	RD.. 0501

Overhang L_1	15 mm
$\varnothing D_3$	7 mm
Number of cutting edges Z	3
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\max}$	22 mm
Circular interpolation milling $\varnothing D_{\min}$	19 mm
Ramping angle α_{\max}	3.5 degrees
Ramping length L for α_{\max}	5.73 mm
Circular interpolation milling a_p	1.1 mm
Shank type	Plain shank
Milling head suitable for insert shape	round
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Tool exchange	PowerCard

Accessories

Set of insert screws 10-piece	219802
Torque screwdriver, fixed setting set torque 0,6 Nm	211750 0,6
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 6IP	674252 6IP