

Garant
Copy mill 0° negative, with threaded shank, Ø D: 20 mm

Order data

Order number	212100 20
GTIN	4045197192493
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:

$a_{p\ max} = 1.5\ mm.$

Use GARANT torque screwdriver TQ No. **211750 size 1.2** with bit shank No. **674252 size 8IP.**

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 4

Ø D₁ h6: 10.5 mm

Ø D₂: 17.7 mm

Ø D₃: 13 mm

Overall length L_{tot}: 30 mm

Mounting thread M: M10

Technical description

Cutting edge Ø D _c	20 mm
Mounting thread M	M10
suitable indexable insert	RD.. 0702
Ø D ₃	13 mm

Ø D ₂	17.7 mm
Overall length L _{tot}	30 mm
Ø D ₁ h6	10.5 mm
Pack of insert screws	219803 (8IP; 1.2 Nm)
Number of cutting edges Z	4
Through-coolant	yes
Ramping length L for α _{max}	11.22 mm
Circular interpolation milling Ø D _{min}	33 mm
Circular interpolation milling a _p	1.5 mm
Ramping angle α _{max}	2.5 degrees
Circular interpolation milling Ø D _{max}	38 mm
Shank type	with threaded shank
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 1,2 Nm	211750 1,2
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 6IP	674252 6IP
Set of insert screws 10-piece	219803