

Garant
Copy milling cutter 0° negative, Weldon shank, Ø D: 16L mm

Order data

Order number	212090 16L
GTIN	4045197192400
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:

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

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

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

Overhang L_1 : 26 mm

Length $\varnothing d_1$: 80 mm

Overall length L_{tot} : 135 mm

Shank $\varnothing D_s \text{ h6}$: 20 mm

Circular interpolation milling $\varnothing D_{\text{min}}$: 24.9 mm

Technical description

Overall length L_{tot}	135 mm
Overhang L_1	26 mm
Cutting edge $\varnothing D_c$	16 mm
Pack of insert screws	219803 (8IP; 1.2 Nm)
Length $\varnothing d_1$	80 mm
Shank $\varnothing D_s \text{ h6}$	20 mm

suitable indexable insert	RD.. 0702
Number of cutting edges Z	2
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\max}$	30.6 mm
Circular interpolation milling $\varnothing D_{\min}$	24.9 mm
Ramping angle α_{\max}	12 degrees
Ramping length L for α_{\max}	7.1 mm
Circular interpolation milling a_p	1.5 mm
Shank type	Weldon 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	219803
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