

Garant

Copy mill 7° positive, with bore, Ø D / number of teeth Z: 80/6 mm


Order data

Order number	212167 80/6
GTIN	4045197750556
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.**

Vibration reduction and soft cutter edge entry due to 7° positive setting of the indexable inserts.

Application:

With pack of insert screws No. 219800 - for securing indexable inserts and retaining washers.

Attention:

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

Note:

Use GARANT torque screwdriver TQ No. **211750 size 5.7** with bit No. **674252 size 20IP**.

$a_{p\max} = 5.0$ mm.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 6

Ø D₃: 64 mm

Overall length L_{tot}: 50 mm

Mounting bore Ø: 27 mm

Circular interpolation milling Ø D_{min}: 144 mm

Circular interpolation milling $\varnothing D_{\max}$: 158 mm

Technical description

Overall length L_{tot}	50 mm
$\varnothing D_3$	64 mm
Pack of insert screws	219800 (20IP; 5.7 Nm)
Cutting edge $\varnothing D_c$	80 mm
Number of cutting edges Z	6
Set of retaining washers	219955
Mounting bore \varnothing	27 mm
suitable indexable insert	RD..1604
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\min}$	144 mm
Circular interpolation milling $\varnothing D_{\max}$	158 mm
Ramping length L for α_{\max}	59.93 mm
Ramping angle α_{\max}	1.07 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

Set of retaining washers 10 pieces	219955
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 20IP	674252 20IP
Torque screwdriver, fixed setting set torque 5,7 Nm	211750 5,7

Set of insert screws 10 pieces

219800