

Garant

Indexable face mill 45°, with bore, Ø D / number of teeth Z: 100/12 mm



Order data

Order number	214400 100/12
GTIN	4045197131836
Item class	210

Description

Version:

High number of cutting edges for very high productivity. Positive rake for soft cut and low power consumption.

Advantage:

Very high productivity due to:

- **Very high cutting speeds.**
- **Very high feed rates.**
- **Short machining times.**

Note:

Use GARANT torque screwdriver TQ No. **211750 size 1.5** with bit No. **674252 size 8IP**.

Tool exchange: PowerCard

maximum external Ø D_{max} : 108.2 mm

Overall length L_{tot} : 50 mm

Mounting bore Ø: 32 mm

Circular interpolation milling Ø D_{min} : 205.4 mm

Circular interpolation milling Ø D_{max} : 213.4 mm

Circular interpolation milling a_p : 1.5 mm

Technical description

suitable indexable insert	SD... 0903
Pack of insert screws	219809 (8IP; 1.5 Nm)
Mounting bore \varnothing	32 mm
Cutting edge $\varnothing D_c$	100 mm
Overall length L_{tot}	50 mm
maximum external $\varnothing D_{max}$	108.2 mm
Number of cutting edges Z	12
Circular interpolation milling $\varnothing D_{min}$	205.4 mm
Circular interpolation milling $\varnothing D_{max}$	213.4 mm
Ramping length L for α_{max}	34.36 mm
Ramping angle α_{max}	2.5 mm
Circular interpolation milling a_p	1.5 mm
Shank type	with bore
Setting angle κ	45 degrees
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Tool exchange	PowerCard
Type of product	Indexable insert cutter

Accessories

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP
Torque screwdriver, fixed setting set torque 1,5 Nm	211750 1,5
Set of insert screws 10-piece	219809