

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

**Technical description**

Ø D <sub>3</sub>	108 mm
suitable indexable insert	SD... 0903
Pack of insert screws	219809 (8IP; 1.5 Nm)
Mounting bore Ø	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 $\varnothing D_{min}$	208 mm
Circular interpolation milling $\varnothing D_{max}$	214 mm
Ramping length L for $\alpha_{max}$	97.5 mm
Ramping angle $\alpha_{max}$	0.29 mm
Circular interpolation milling $a_p$	1.5 mm
Shank type	with bore
Setting angle $\kappa$	45 degrees
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Tool exchange	PowerCard
Type of product	Face mill

## Accessories

PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP
Torque screwdriver, fixed setting set torque 1,5 N·m	211750 1,5
Set of insert screws 10-piece	219809