

Garant
Indexable face mill 45°, with bore, Ø D / number of teeth Z: 80/12 mm

Order data

Order number	214400 80/12
GTIN	4045197131812
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} : 88.2 mm

Overall length L_{tot} : 50 mm

Mounting bore Ø: 27 mm

Circular interpolation milling Ø D_{min} : 165.4 mm

Circular interpolation milling Ø D_{max} : 173.4 mm

Circular interpolation milling a_p : 1.5 mm

Technical description

Cutting edge $\varnothing D_c$	80 mm
maximum external $\varnothing D_{max}$	88.2 mm
Mounting bore \varnothing	27 mm
Overall length L_{tot}	50 mm
suitable indexable insert	SD... 0903
Pack of insert screws	219809 (8IP; 1.5 Nm)
Number of cutting edges Z	12
Ramping length L for α_{max}	28.62 mm
Circular interpolation milling $\varnothing D_{min}$	165.4 mm
Ramping angle α_{max}	3 mm
Circular interpolation milling a_p	1.5 mm
Circular interpolation milling $\varnothing D_{max}$	173.4 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

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