

## Garant

**Indexable face mill 45°, with bore, Ø D / number of teeth Z: 80/10 mm**



### Order data

Order number	214400 80/10
GTIN	4045197131805
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

suitable indexable insert	SD... 0903
Mounting bore $\varnothing$	27 mm
Pack of insert screws	219809 (8IP; 1.5 Nm)
Overall length $L_{tot}$	50 mm
maximum external $\varnothing D_{max}$	88.2 mm
Cutting edge $\varnothing D_c$	80 mm
Number of cutting edges Z	10
Circular interpolation milling $a_p$	1.5 mm
Ramping angle $\alpha_{max}$	3 mm
Circular interpolation milling $\varnothing D_{min}$	165.4 mm
Ramping length L for $\alpha_{max}$	28.62 mm
Circular interpolation milling $\varnothing D_{max}$	173.4 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	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