

## Garant

**Softcut® 90° indexable milling cutter MTC, with threaded shank, Ø D / number of teeth Z: 16/2 mm**



### Order data

Order number	215570 16/2
GTIN	4045197409195
Item class	210

### Description

#### Version:

High precision indexable face mill with irregular pitch for very smooth cutting, very high precision, and very high metal removal rate. **New generation** of high performance indexable face mills **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power**.

#### Application:

For face milling to large depths, also slotting. General use in all steels including stainless steels.

#### Spare part:

Pack of insert screws No. 219826 (8IP; 2.2 Nm).

#### Note:

The insert pocket must be modified when using indexable inserts with a radius greater than 2 mm.

GARANT torque screwdriver TQ No. **211750 size 2.2**, use bit No. **674252 size 8IP**.

Overall length  $L_{tot}$ : 26 mm

Ø  $D_1$  h6: 8.5 mm

Ø  $D_2$ : 12.7 mm

Mounting thread M: M8

Circular interpolation milling Ø  $D_{min}$ : 19.4 mm

Circular interpolation milling Ø  $D_{max}$ : 31.1 mm

### Technical description

Ø D <sub>2</sub>	12.7 mm
Mounting thread M	M8
Cutting edge Ø D <sub>c</sub>	16 mm
suitable indexable insert	AP.. 1335..
Pack of insert screws	219826 (8IP; 2.2 Nm)
Ø D <sub>1</sub> h6	8.5 mm
Overall length L <sub>tot</sub>	26 mm
Number of cutting edges Z	2
Circular interpolation milling Ø D <sub>max</sub>	31.1 mm
Circular interpolation milling a <sub>p</sub>	1.2 mm
Circular interpolation milling Ø D <sub>min</sub>	19.4 mm
Ramping angle α <sub>max</sub>	6.3 degrees
Ramping length L for α <sub>max</sub>	81.5 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	Circular milling
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Indexable insert cutter

## Accessories

Set of insert screws 10-piece	219826
Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2
	674252 8IP

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile  
8IP

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