

Garant

**Softcut® 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z:
32/5 mm**



Order data

| | |
|--------------|---------------|
| Order number | 215570 32/5 |
| GTIN | 4045197409256 |
| 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} : 40 mm

Ø D_1 h6: 17 mm

Ø D_2 : 28.7 mm

Mounting thread M: M16

Circular interpolation milling Ø D_{min} : 51 mm

Circular interpolation milling Ø D_{max} : 63.1 mm

Technical description

| | |
|--|-------------------------|
| suitable indexable insert | AP.. 1335.. |
| Overall length L_{tot} | 40 mm |
| Cutting edge $\varnothing D_c$ | 32 mm |
| Mounting thread M | M16 |
| $\varnothing D_2$ | 28.7 mm |
| $\varnothing D_1$ h6 | 17 mm |
| Pack of insert screws | 219826 (8IP; 2.2 Nm) |
| Number of cutting edges Z | 5 |
| Circular interpolation milling $\varnothing D_{max}$ | 63.1 mm |
| Circular interpolation milling a_p | 1.9 mm |
| Circular interpolation milling $\varnothing D_{min}$ | 51 mm |
| Ramping angle α_{max} | 1.9 degrees |
| Ramping length L for α_{max} | 271.3 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

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

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