

Garant
Softcut® 90° shoulder mill MTC, with bore, Ø D / number of teeth Z: 50/6 mm

Order data

| | |
|--------------|---------------|
| Order number | 215575 50/6 |
| GTIN | 4045197409362 |
| 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

Mounting bore Ø: 22 mm

Circular interpolation milling Ø D_{min} : 87 mm

Circular interpolation milling Ø D_{max} : 99.1 mm

Circular interpolation milling a_p : 1.8 mm

Ramping angle α_{max} : 0.9 degrees

Technical description

| | |
|--|-------------------------|
| Cutting edge $\varnothing D_c$ | 50 mm |
| suitable indexable insert | AP.. 1335.. |
| Overall length L_{tot} | 40 mm |
| Pack of insert screws | 219826 (8IP; 2.2 Nm) |
| Mounting bore \varnothing | 22 mm |
| Number of cutting edges Z | 6 |
| Ramping angle α_{max} | 0.9 degrees |
| Circular interpolation milling a_p | 1.8 mm |
| Ramping length L for α_{max} | 572.9 mm |
| Circular interpolation milling $\varnothing D_{min}$ | 87 mm |
| Circular interpolation milling $\varnothing D_{max}$ | 99.1 mm |
| Series | Softcut® |
| Shank type | with bore |
| Setting angle κ | 90 degrees |
| Milling application | End 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

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

674252 8IP

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