

Garant

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



Order data

| | |
|--------------|---------------|
| Order number | 215560 32/5 |
| GTIN | 4045197408969 |
| 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 end milling to large depths, also into solid. General use in all steels including stainless steels and acid-proof 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**.

Technical description

| | |
|---------------------------------|-------------|
| Cutting edge Ø D _c | 32 mm |
| Overall length L _{tot} | 110 mm |
| Overhang L ₁ | 50 mm |
| suitable indexable insert | AP.. 1335.. |

| | |
|---|----------------------|
| Shank $\varnothing D_s$ h6 | 32 mm |
| Pack of insert screws | 219826 (8IP; 2.2 Nm) |
| Number of cutting edges Z | 5 |
| Ramping length L for α_{\max} | 26.5 mm |
| Circular interpolation milling $\varnothing D_{\max}$ | 62 mm |
| Circular interpolation milling $\varnothing D_{\min}$ | 61 mm |
| Circular interpolation milling a_p | 1.9 mm |
| Ramping angle α_{\max} | 0.65 degrees |
| Series | Softcut® |
| $\varnothing D_3$ | 29 mm |
| Shank type | Weldon shank |
| 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 | End / face mill |

Accessories

| | |
|--|------------|
| Torque screwdriver, fixed setting set torque 2,2 N·m | 211750 2,2 |
| PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP | 674252 8IP |
| Set of insert screws 10-piece | 219826 |