

**Garant**
**GARANT Softcut® 90° shoulder mill, Weldon shank, Ø D / Zeff: 25/3mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 215577 25/3   |
| GTIN         | 4045197455284 |
| 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 seat 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**.

**Not for ramping or circular plunging!**

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

**Technical description**

|  |        |
|--|--------|
| Shank Ø D <sub>s</sub> h6                    | 25 mm  |
| Number of effective inserts Z <sub>eff</sub> | 3      |
| maximum cutting depth a <sub>p,max</sub>     | 30 mm  |
| Overall length L <sub>tot</sub>              | 101 mm |
| Overhang L <sub>1</sub>                      | 45 mm  |

|                                |                      |
|--------------------------------|----------------------|
| Cutting edge $\varnothing D_c$ | 25 mm                |
| Pack of insert screws          | 219826 (8IP; 2.2 Nm) |
| suitable indexable insert      | AP.. 1335..          |
| Series                         | Softcut®             |
| Number of indexable inserts    | 9                    |
| Shank type                     | Weldon shank         |
| Setting angle $\kappa$         | 90 degrees           |
| Milling application            | End milling          |
| Spacing of the cutters         | unequal spacing      |
| Through-coolant                | yes                  |
| Machining strategy             | MTC                  |
| Tool exchange                  | PowerCard            |
| Type of product                | End / face mill      |

## Accessories

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