

**Garant****Softcut® shoulder mill with plain shank, for indexable inserts AO..****Order data**

|              |               |
|--------------|---------------|
| Order number | 215407 25/2   |
| GTIN         | 4069515038560 |
| Item class   | 210           |

**Description****Version:**

High precision square shoulder mill with irregular pitch for very smooth cutting, very high precision and cutting power. **With special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or for spindles with low drive power.

**Application:**

For shoulder milling in large depths, also slotting. General use in all steel materials as well as stainless and acid-resistant steels.

**Note:**

Use GARANT torque screwdriver TQ No. **211750 size 1.5** with bit No. **674252 size 8IP**.

**Technical description**

|                                                      |                         |
|------------------------------------------------------|-------------------------|
| suitable indexable insert                            | AO.T1104                |
| Number of cutting edges Z                            | 2                       |
| Circular interpolation milling $a_p$                 | 4.8 mm                  |
| Overall length $L_{tot}$                             | 180 mm                  |
| Circular interpolation milling $\varnothing D_{max}$ | 47.3 mm                 |
| Set of insert screws                                 | 219799 10 (8IP; 1.5 Nm) |
| Circular interpolation milling $\varnothing D_{min}$ | 38.9 mm                 |
| Overhang $L_1$                                       | 60 mm                   |
| Series                                               | Softcut®                |
| Ramping length L for $\alpha_{max}$                  | 4.2 mm                  |

## Data sheet

|                                |                    |
|--------------------------------|--------------------|
| Ramping angle $\alpha_{\max}$  | 4.1 degrees        |
| $\varnothing D_3$              | 22 mm              |
| Cutting edge $\varnothing D_c$ | 25 mm              |
| Shank $\varnothing D_s$ h6     | 25 mm              |
| Shank type                     | Plain shank        |
| Setting angle $\kappa$         | 90 degrees         |
| Milling application            | End milling        |
| Milling application            | Circular milling   |
| Milling application            | Ramping            |
| Milling application            | Plunging           |
| Spacing of the cutters         | unequal spacing    |
| Through-coolant                | yes                |
| Machining strategy             | MTC                |
| Tool exchange                  | PowerCard          |
| Type of product                | Indexable end mill |

### Suitable products

No Shop URL available for: 215407 25/2