

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

|              |               |
|--------------|---------------|
| Order number | 215407 25/2L  |
| GTIN         | 4069515038553 |
| 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**

|                                                      |                         |
|------------------------------------------------------|-------------------------|
| Shank $\varnothing D_s$ h6                           | 20 mm                   |
| $\varnothing D_3$                                    | 22 mm                   |
| Set of insert screws                                 | 219799 10 (8IP; 1.5 Nm) |
| Number of cutting edges Z                            | 2                       |
| Cutting edge $\varnothing D_c$                       | 25 mm                   |
| Series                                               | Softcut®                |
| Circular interpolation milling $\varnothing D_{max}$ | 47.3 mm                 |
| suitable indexable insert                            | AO.T1104                |
| Ramping angle $\alpha_{max}$                         | 4.1 degrees             |
| Ramping length L for $\alpha_{max}$                  | 4.2 mm                  |

## Data sheet

|                                                      |                    |
|------------------------------------------------------|--------------------|
| Circular interpolation milling $a_p$                 | 4.8 mm             |
| Circular interpolation milling $\varnothing D_{min}$ | 38.9 mm            |
| Overhang $L_1$                                       | 35 mm              |
| Overall length $L_{tot}$                             | 180 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 25/2L