

**Garant**

**GARANT Power Q high feed rate indexable milling cutter, with bore,  $\varnothing D$  / number of effective cutting edges Z: 50/5mm**


**Order data**

|              |               |
|--------------|---------------|
| Order number | 212812 50/5   |
| GTIN         | 4045197939203 |
| Item class   | 210           |

**Description**
**Spare part:**

Pack of insert screws No. 219799 2 (10IP; 2.2Nm).

**Note:**

Use GARANT torque screwdriver TQ No. **211750 size 2.2** with bit No. **674252 size 10IP**.

**Technical description**

|  |            |
|--|------------|
| suitable indexable insert                            | XDM.090416 |
| Overall length $L_{tot}$                             | 40 mm      |
| Circular interpolation milling $\varnothing D_{min}$ | 88 mm      |
| $\varnothing D_3$                                    | 38 mm      |
| Ramping length L for $\alpha_{max}$                  | 35.43 mm   |
| Cutting edge $\varnothing D_c$                       | 50 mm      |
| Circular interpolation milling $a_p$                 | 1 mm       |

|   |                  |
|---|------------------|
| Circular interpolation milling $\varnothing D_{\max}$ | 98 mm            |
| Ramping angle $\alpha_{\max}$                         | 0.97 degrees     |
| Number of cutting edges Z                             | 5                |
| Mounting bore $\varnothing$                           | 22 mm            |
| Through-coolant                                       | yes              |
| Series  | Power Q          |
| Setting angle $\kappa$                                | 16 degrees       |
| Fz Helix  | 0.8              |
| Shank type  | with bore        |
| Milling application                                   | Circular milling |
| Milling application                                   | Ramping          |
| Milling application                                   | Plunging         |
| Machining strategy                                    | HPC              |
| Tool exchange   | PowerCard        |
| Type of product                                       | Copy 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 10IP | 674252 10IP |