

**Garant**
**Indexable face mill 45°, Weldon shank, Ø D / number of teeth Z: 20/3 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 214395 20/3   |
| GTIN         | 4045197221629 |
| Item class   | 210           |

**Description**
**Version:**

High number of cutting edges for very high productivity. Positive rake for soft cut and low power consumption.

**Advantage:**
**Very high productivity due to:**

- **Very high cutting speeds.**
- **Very high feed rates.**
- **Short machining times.**

**Note:**

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

Tool exchange: PowerCard

maximum external  $\varnothing D_{\max}$ : 28.2 mm

Overhang  $L_1$ : 40 mm

Overall length  $L_{\text{tot}}$ : 90 mm

Shank  $\varnothing D_s$  h6: 20 mm

suitable indexable insert: SD... 0903

Circular interpolation milling  $\varnothing D_{\min}$ : 45.4 mm

**Technical description**

|   |            |
|---|------------|
| Overall length $L_{\text{tot}}$         | 90 mm      |
| suitable indexable insert               | SD... 0903 |
| Overhang $L_1$                          | 40 mm      |
| maximum external $\varnothing D_{\max}$ | 28.2 mm    |

|  |                         |
|--|-------------------------|
| Cutting edge $\varnothing D_c$                       | 20 mm                   |
| Pack of insert screws                                | 219809 (8IP; 1.5 Nm)    |
| Shank $\varnothing D_s$ h6                           | 20 mm                   |
| Number of cutting edges Z                            | 3                       |
| Ramping angle $\alpha_{max}$                         | 19.5 mm                 |
| Circular interpolation milling $\varnothing D_{min}$ | 45.4 mm                 |
| Ramping length L for $\alpha_{max}$                  | 4.24 mm                 |
| Circular interpolation milling $\varnothing D_{max}$ | 53.4 mm                 |
| Circular interpolation milling $a_p$                 | 1.5 mm                  |
| Shank type   | Weldon shank            |
| Setting angle $\kappa$                               | 45 degrees              |
| Milling application                                  | Circular milling        |
| Milling application                                  | Ramping                 |
| Through-coolant                                      | yes                     |
| Tool exchange  | PowerCard               |
| Type of product                                      | Indexable insert cutter |

## Accessories

|   |            |
|---|------------|
| PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP | 674252 8IP |
| Set of insert screws 10-piece                                   | 219809     |
| Torque screwdriver, fixed setting set torque 1,5 Nm             | 211750 1,5 |