

**Garant**
**180° forwards countersinking mill, Weldon shank, Countersink Ø D: 31 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 217160 31     |
| GTIN         | 4045197552662 |
| Item class   | 210           |

**Description**
**Standard:**

DIN 974-1 Reihe 1 (für Zylinderkopf-DIN-Schrauben).

**Note:**

The recommended indexable inserts have a corner radius of 0.4 mm. If indexable inserts with a different larger corner radius are used, the dimension  $\varnothing d_{\min}$  (see table) will not be achieved! Use GARANT torque screwdriver TQ No. **211750 size 3.0** with bit No. **674252 size 15IP**.

Countersink angle: 180 degrees

Number of cutting edges Z: 2

Minimum  $\varnothing d_{\min}$ : 14 mm

Overhang  $L_1$ : 55 mm

Overall length  $L_{\text{tot}}$ : 136 mm

Shank  $\varnothing D_s$  h6: 20 mm

suitable indexable insert: 260150 HB725

**Technical description**

|                                 |                       |
|---------------------------------|-----------------------|
| Insert screw                    | 219844 (15IP; 3.0 Nm) |
| Overall length $L_{\text{tot}}$ | 136 mm                |
| Minimum $\varnothing d_{\min}$  | 14 mm                 |
| Countersink $\varnothing D$     | 31 mm                 |
| Overhang $L_1$                  | 55 mm                 |
| Shank $\varnothing D_s$ h6      | 20 mm                 |
| Number of cutting edges Z       | 2                     |

|                           |                            |
|---------------------------|----------------------------|
| suitable indexable insert | 260150 HB725               |
| Shank type                | Weldon shank               |
| Through-coolant           | yes                        |
| Tool exchange             | PowerCard                  |
| Countersink angle         | 180 degrees                |
| Type of product           | Counterbores, countersinks |

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## Accessories

|  |             |
|--|-------------|
| PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP | 674252 15IP |
| Clamping screw   | 219844      |
| Torque screwdriver, fixed setting set torque 3,0 Nm              | 211750 3,0  |