

**Garant**
**Face torus milling head, HB730, Ø D h10: 12 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 210300 12     |
| GTIN         | 4045197523211 |
| Item class   | 21M           |

**Description**
**Note:**

**Comply strictly with  $a_{p,max}$ ! Recommended application values ( $v_c$  and  $f_z$ ) apply also to  $a_{p,max}$ .**

Head length  $l$ : 16 mm

Flute length  $L_2$ : 9 mm

Programming radius  $R_p$ : 2.205 mm

maximum cutting depth  $a_{p,max}$  in steel  $< 900 \text{ N/mm}^2$ : 0.6 mm

Corner radius: 1.8 mm

Feed  $f_z$  in steel  $< 900 \text{ N/mm}^2$ : 0.6 mm

**Technical description**

|   |          |
|---|----------|
| Programming radius $R_p$  | 2.205 mm |
| Flute length $L_2$  | 9 mm     |
| Head length $l$   | 16 mm    |
| maximum cutting depth $a_{p,max}$ in steel $< 900 \text{ N/mm}^2$ | 0.6 mm   |
| Milling head $\varnothing D$                                      | 12 mm    |
| Corner radius   | 1.8 mm   |
| Feed $f_z$ in steel $< 900 \text{ N/mm}^2$                        | 0.6 mm   |
| Arbor size  | 12 mm    |
| Grade   | HB730    |

|   |                                      |
|---|--------------------------------------|
| Tool material                             | Solid carbide                        |
| Standard                                  | Manufacturer's standard              |
| Type                                      | N                                    |
| Number of cutting edges Z                 | 3                                    |
| Helix angle                               | 45 degrees                           |
| Direction of infeed                       | horizontal, oblique and vertical     |
| Cutting width $a_e$ for milling operation | Full slot cutting depth $1 \times D$ |
| Machining strategy                        | HPC                                  |
| Through-coolant                           | no                                   |
| Type of product                           | Cutter insert for milling            |

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## Accessories

|   |             |
|---|-------------|
| Plug-in adapter for torque wrench Type 10X4 | 219986 10X4 |
| Assembly wrench Type 10X4                   | 219987 10X4 |