

**Garant**
**Solid carbide ball nose roughing end mill, TiAlN, Ø d11 DC: 6 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 207505 6      |
| GTIN         | 4045197882721 |
| Item class   | 11X           |

**Description**
**Version:**

Round **knuckle profile** for roughing, **including machining radii.**

**Note:**

**Successor product to No. 207512**

No. of teeth Z: 3

Helix angle: 45 degrees

No. of teeth Z: 3

Flute length  $L_c$ : 13 mm

Overall length L: 57 mm

Shank  $\varnothing D_s$ : 6 mm

Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.033 mm

Feed  $f_z$  for copy milling in steel < 900 N/mm<sup>2</sup>: 0.037 mm

**Technical description**

|  |            |
|--|------------|
| No. of teeth Z   | 3          |
| Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup> | 0.033 mm   |
| Flute length $L_c$   | 13 mm      |
| Cutting edge $\varnothing D_c$                               | 6 mm       |
| Overall length L   | 57 mm      |
| Shank $\varnothing D_s$                                      | 6 mm       |
| Feed $f_z$ for copy milling in steel < 900 N/mm <sup>2</sup> | 0.037 mm   |
| Helix angle  | 45 degrees |

|   |                                  |
|---|----------------------------------|
| Radius R                                  | 3 mm                             |
| Coating                                   | TiAlN                            |
| Tool material                             | Solid carbide                    |
| Standard                                  | DIN 6527                         |
| Milling profile                           | HR                               |
| Tolerance nominal $\varnothing$           | d11                              |
| Direction of infeed                       | horizontal, oblique and vertical |
| Cutting width $a_e$ for milling operation | 0.05×D for copy milling          |
| Cutting width $a_e$ for milling operation | 0.5×D for side milling           |
| Shank                                     | DIN 6535 HB to h6                |
| Through-coolant                           | no                               |
| Colour ring                               | without                          |
| Type of product                           | End mill                         |