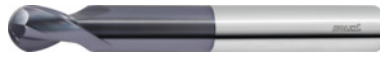



**Solid carbide ball nose slot drill, TiAlN, Ø h10 DC: 4 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 207155 4      |
| GTIN         | 4045197126542 |
| Item class   | 12X           |

**Description**

Solid carbide ball nose slot drill 4 mm  
 No. of teeth Z: 2  
 Helix angle: 30 degrees  
 No. of teeth Z: 2  
 Flute length  $L_c$ : 8 mm  
 Overall length L: 75 mm  
 Shank  $\varnothing D_s$ : 4 mm  
 Feed  $f_z$  for side milling in steel  $< 900 \text{ N/mm}^2$ : 0.023 mm  
 Feed  $f_z$  for copy milling in steel  $< 900 \text{ N/mm}^2$ : 0.025 mm

**Technical description**

|   |               |
|---|---------------|
| Cutting edge $\varnothing D_c$                              | 4 mm          |
| No. of teeth Z  | 2             |
| Feed $f_z$ for copy milling in steel $< 900 \text{ N/mm}^2$ | 0.025 mm      |
| Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$ | 0.023 mm      |
| Shank $\varnothing D_s$                                     | 4 mm          |
| Overall length L  | 75 mm         |
| Flute length $L_c$  | 8 mm          |
| Helix angle   | 30 degrees    |
| Radius R  | 2 mm          |
| Coating   | TiAlN         |
| Tool material   | Solid carbide |

|   |                                  |
|---|----------------------------------|
| Standard                                  | Manufacturer's standard          |
| Type                                      | N                                |
| Tolerance nominal $\varnothing$           | h10                              |
| Direction of infeed                       | horizontal, oblique and vertical |
| Cutting width $a_e$ for milling operation | 0.5×D for side milling           |
| Cutting width $a_e$ for milling operation | 0.05×D for copy milling          |
| Shank                                     | DIN 6535 HA to h6                |
| Through-coolant                           | no                               |
| Colour ring                               | without                          |
| Type of product                           | End mill                         |

## Services

|                        |             |
|------------------------|-------------|
| Shank recess Type FRST | 209900 FRST |
|------------------------|-------------|