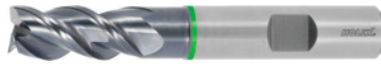



**HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 9,7 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 202414 9,7    |
| GTIN         | 4045197776174 |
| Item class   | 12X           |

**Description**
**Version:**

For **roughing and finishing**.

Up to 1×D into solid material **at very high feed rates** with smooth cutting action.

**Advantage:**

Optimised flute form, eccentric relief ground, wide chip space.

Tolerance nominal Ø: 0 / -0.03

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length  $L_c$ : 22 mm

Overhang length  $L_1$  incl. recess: 32 mm

Recess Ø  $D_1$ : 9.2 mm

Overall length L: 72 mm

Shank Ø  $D_s$ : 10 mm

**Technical description**

|  |           |
|--|-----------|
| Overall length L   | 72 mm     |
| Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup> | 0.06 mm   |
| Tolerance nominal Ø  | 0 / -0.03 |
| Cutting edge Ø $D_c$   | 9.7 mm    |
| Corner chamfer width at 45°                                  | 0.3 mm    |

|  |                                  |
|--|----------------------------------|
| Shank  | DIN 6535 HB to h6                |
| Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup> | 0.08 mm                          |
| Shank $\varnothing D_s$                                      | 10 mm                            |
| Flute length $L_c$   | 22 mm                            |
| Overhang length $L_1$ incl. recess                           | 32 mm                            |
| Recess $\varnothing D_1$                                     | 9.2 mm                           |
| No. of teeth Z   | 3                                |
| Direction of infeed  | horizontal, oblique and vertical |
| Helix angle  | 45 degrees                       |
| Corner chamfer angle   | 45 degrees                       |
| Series   | HOLEX Pro Steel                  |
| Coating  | TiAlN                            |
| Tool material  | Solid carbide                    |
| Standard   | Manufacturer's standard          |
| Type   | N                                |
| Helix angle characteristic                                   | unequal spacing                  |
| Spacing of the cutters                                       | unequal spacing                  |
| Cutting width $a_e$ for milling operation                    | 0.4×D for side milling           |
| Cutting width $a_e$ for milling operation                    | Full slot cutting depth 1×D      |
| Through-coolant  | no                               |
| Machining strategy   | HPC                              |
| Colour ring  | green                            |
| Type of product  | End mill                         |