


HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 8mm

Order data

| | |
|--------------|---------------|
| Order number | GG1414 8 |
| GTIN | 4045197908209 |
| Item class | GGN |

Description
Version:

For **roughing and finishing**.

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

Same as No. 202414.

Advantage:

Optimised flute form, eccentric relief ground, generous chip spaces.

Technical description

| | |
|---|----------------------------------|
| Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$ | 0.06 mm |
| No. of teeth Z | 3 |
| Cutting edge $\varnothing D_c$ | 8 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Tolerance nominal \varnothing | 0 / -0.03 |
| Flute length L_c | 19 mm |
| Corner chamfer width at 45° | 0.2 mm |
| Overall length L | 63 mm |

| | |
|--|--------------------------------------|
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.05 mm |
| Shank $\varnothing D_s$ | 8 mm |
| Shank | DIN 6535 HB to h6 |
| Recess $\varnothing D_1$ | 7.5 mm |
| Overhang length L_1 incl. recess | 27 mm |
| Helix angle | 45 degrees |
| Corner chamfer angle | 45 degrees |
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| Series | 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 | Full slot cutting depth $1 \times D$ |
| Cutting width a_e for milling operation | $0.4 \times D$ for side milling |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Steel < 500 N/mm ² | suitable | 240 m/min | P |
| Steel < 750 N/mm ² | suitable | 220 m/min | P |
| Steel < 900 N/mm ² | suitable | 170 m/min | P |
| Steel < 1100 N/mm ² | suitable | 150 m/min | P |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 80 m/min | M |

| | | | |
|-------------|---|-----------|---|
| GGG | suitable | 190 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |
| dry | suitable | | |
| Air | suitable | | |

Accessories

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