

Garant
Roughing end mill HSS-PM, TiAlN, Ø js14 DC: 10mm

Order data

| | |
|--------------|---------------|
| Order number | 192541 10 |
| GTIN | 4045197547538 |
| Item class | 11W |

Description
Version:
Relief ground knuckle form profile.

Centre cutting teeth for plunging.

- **Wide, precision ground chip flutes.**
- **Special chip angle for aluminium and non-ferrous metals.**

For the most demanding metal removal rates.

Advantage:

Suitable **for high machining volumes** due to the large flutes.

Technical description

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|---|----------------------------------|
| Feed f_z for slot milling in short-chipping aluminium | 0.04 mm |
| Corner chamfer width at 45° | 0.5 mm |
| Cutting edge $\varnothing D_c$ | 10 mm |
| No. of teeth Z | 3 |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 95 mm |
| Flute length L_c | 45 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 1835 B to h6 |
| Tolerance nominal \varnothing | js14 |
| Helix angle | 36 degrees |

| | |
|----------------------|-----------------|
| Corner chamfer angle | 45 degrees |
| Coating | TiAlN |
| Tool material | HSS PM |
| Standard | DIN 844 B |
| Milling profile | WR |
| Through-coolant | no |
| Colour ring | yellow |
| Type of product | End / face mill |

User data

| | Suitability | V _c | ISO code |
|------------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable | 138 m/min | N |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 23 m/min | M |
| wet maximum | suitable | | |
| dry | suitable | | |