



End mill HSS-Co8, TiAlN, Ø k10 DC: 15mm



Order data

| | |
|--------------|---------------|
| Order number | 191590 15 |
| GTIN | 4045197103703 |
| Item class | 12W |

Description

Version:

Multi-flute end mill. **Eccentric relief ground.**
Economy version.

Technical description

| | |
|---|----------------------------------|
| Cutting edge $\varnothing D_c$ | 15 mm |
| No. of teeth Z | 4 |
| Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$ | 0.028 mm |
| Shank $\varnothing D_s$ | 12 mm |
| Overall length L | 83 mm |
| Flute length L_c | 26 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 1835 B to h6 |
| Tolerance nominal \varnothing | k10 |
| Helix angle | 30-40 degrees |
| Corner chamfer angle | 90 degrees |
| Coating | TiAlN |
| Tool material | HSS Co 8 |
| Standard | DIN 844 B |

| | |
|-----------------|-----------------|
| Type | N |
| Through-coolant | no |
| Colour ring | without |
| Type of product | End / face mill |

User data

| | Suitability | V _c | ISO code |
|-------------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 120 m/min | N |
| Steel < 500 N/mm ² | suitable | 78 m/min | P |
| Steel < 750 N/mm ² | suitable | 55 m/min | P |
| Steel < 900 N/mm ² | suitable | 55 m/min | P |
| INOX < 900 N/mm ² | suitable | 17 m/min | M |
| INOX > 900 N/mm ² | suitable only under restricted conditions | 14 m/min | M |
| GG(G) | suitable only under restricted conditions | 46 m/min | K |
| CuZn | suitable only under restricted conditions | 92 m/min | N |
| Uni | suitable | | |
| wet maximum | suitable | | |