


**HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 10mm**

**Order data**

Order number	205704 10
GTIN	4062406262099
Item class	12X

**Description**
**Version:**

Dimensions similar to DIN 6527. **Optimised special knuckle profile for roughing. Very high metal removal rate.**

**Application:**

For roughing machining, particularly suitable for full-slot machining.

Tolerance nominal Ø: d11

No. of teeth Z: 4

Helix angle: 45 °

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length  $L_c$ : 14 mm

Overall length L: 66 mm

Shank Ø  $D_s$ : 10 mm

Corner chamfer width at 45°: 0.5 mm

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.05 mm

**Technical description**

Corner chamfer angle	45 °
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.06 mm
Flute length $L_c$	14 mm
Shank Ø $D_s$	10 mm
No. of teeth Z	4

Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.05 mm
Overall length L	66 mm
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	d11
Direction of infeed	horizontal, oblique and vertical
Helix angle	45 °
Cutting edge $\varnothing D_c$	10 mm
Corner chamfer width at 45°	0.5 mm
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Milling profile	HR
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
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 / face mill

## User data

	Suitability	$V_c$	ISO code
Steel < 750 N/mm <sup>2</sup>	suitable	170 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	160 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	135 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	120 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	60 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	45 m/min	M

GG(G)	suitable	120 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	Suitable only under restricted conditions		