

**Solid carbide milling cutter, TiAlN, Ø h10 DC: 10mm****Order data**

Order number	203520 10
GTIN	4045197119674
Item class	12X

Description**Version:**

High stability and **extremely smooth cutting action due to at least 6 teeth**. Eccentric relief ground. **For profile milling as a finishing operation.**

Technical description

Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.072 mm
Corner chamfer width at 45°	0.1 mm
No. of teeth Z	6
Cutting edge $\varnothing D_c$	10 mm
Shank $\varnothing D_s$	10 mm
Overall length L	72 mm
Flute length L_c	22 mm
Direction of infeed	horizontal
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	h10
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide

Standard	DIN 6527
Type	N
Cutting width a_e for milling operation	$0.1 \times D$ for side milling
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	600 m/min	N
Alu > 10% Si	suitable only under restricted conditions	400 m/min	N
Steel < 500 N/mm ²	suitable	190 m/min	P
Steel < 750 N/mm ²	suitable	170 m/min	P
Steel < 900 N/mm ²	suitable	160 m/min	P
Steel < 1100 N/mm ²	suitable	95 m/min	P
Steel < 1400 N/mm ²	suitable	85 m/min	P
INOX < 900 N/mm ²	suitable	90 m/min	M
GG(G)	suitable	120 m/min	K
Uni	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	Suitable only under restricted conditions		

