


Solid carbide milling cutter, TiAlN, Ø h10 DC: 12mm

Order data

Order number	203510 12
GTIN	4045197964199
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

Corner chamfer width at 45°	0.1 mm
Direction of infeed	horizontal
Flute length L_c	26 mm
Shank $\varnothing D_s$	12 mm
Cutting edge $\varnothing D_c$	12 mm
No. of teeth Z	6
Feed f_z for side milling in steel < 900 N/mm ²	0.08 mm
Shank	DIN 6535 HA to h6
Helix angle	45 degrees
Overall length L	83 mm
Tolerance nominal \varnothing	h10
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		

Services

Shank grinding Type HB

129100 HB