


Solid carbide milling cutter, TiAlN, Ø h10 DC: 16mm

Order data

Order number	203520 16
GTIN	4045197119698
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 $< 900 \text{ N/mm}^2$	0.089 mm
Cutting edge $\varnothing D_c$	16 mm
No. of teeth Z	6
Corner chamfer width at 45°	0.1 mm
Shank $\varnothing D_s$	16 mm
Overall length L	92 mm
Flute length L_c	32 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		

