


**Solid carbide milling cutter, TiAlN, Ø DC: 20mm**

**Order data**

Order number	203617 20
GTIN	4045197958778
Item class	12X

**Description**
**Version:**

For **finishing operations**. Special geometry for optimum chip evacuation. For **profile milling as a finishing operation**. Very sturdy version with strengthened core.

**Technical description**

Shank Ø D <sub>s</sub>	20 mm
No. of teeth Z	6
Tolerance nominal Ø	h10
Shank	DIN 6535 HA to h6
Flute length L <sub>c</sub>	26 mm
Overall length L	92 mm
Helix angle	45 degrees
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.107 mm
Direction of infeed	horizontal
Cutting edge Ø D <sub>c</sub>	20 mm
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard

Type	N
Cutting width $a_e$ for milling operation	0.1×D for side milling
Through-coolant	no
Colour ring	without
Type of product	End / face mill

### User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	160 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	110 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 55 HRC	suitable	70 m/min	H
Steel < 60 HRC	suitable	60 m/min	H
wet maximum	suitable		
wet minimum	Suitable only under restricted conditions		
dry	Suitable		
Air	Suitable		

### Services

Shank grinding Type HB	129100 HB
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