

Garant
Solid carbide milling cutter, TiAlN, Ø e8 DC: 16mm

Order data

Order number	202725 16
GTIN	4045197746535
Item class	11X

Description
Version:

Double relief ground side clearance angle.

Without 45° cutting edge chamfer.

Technical description

Feed f_z for slot milling in steel < 900 N/mm ²	0.08 mm
Shank form	HB
Shank Ø D_s	16 mm
No. of teeth Z	4
Overhang length L_1 incl. recess	45 mm
Flute length L_c	35 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Overall length L	93 mm
Recess Ø D_1	15.8 mm
Cutting edge Ø D_c	16 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Helix angle	30 degrees
Corner chamfer angle	90 degrees

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
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	280 m/min	N
Steel < 900 N/mm ²	suitable	100 m/min	P
Steel < 1100 N/mm ²	suitable	70 m/min	P
Steel < 1400 N/mm ²	suitable	60 m/min	P
Steel < 55 HRC	suitable	35 m/min	H
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	60 m/min	M
GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	Suitable		
wet minimum	Suitable only under restricted conditions		
dry	suitable		
Air	Suitable		

