


**Solid carbide milling cutter, uncoated, Ø e8 DC: 16mm**

**Order data**

Order number	202680 16
GTIN	4045197117816
Item class	12X

**Description**
**Version:**

Eccentric relief ground.

**Technical description**

Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.1 mm
Cutting edge Ø $D_c$	16 mm
Shank form	HB
No. of teeth Z	4
Shank Ø $D_s$	16 mm
Overall length L	93 mm
Flute length $L_c$	35 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	e8
Helix angle	30 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide

Standard	Manufacturer's standard
Type	N
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	140 m/min	N
Alu > 10% Si	suitable only under restricted conditions	105 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	60 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	55 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	35 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	40 m/min	M
GG(G)	suitable only under restricted conditions	55 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		

