

Garant**Solid carbide chamfering cutter 90°, uncoated, Ø e8 DC: 20mm****Order data**

Order number	208071 20
GTIN	4062406544911
Item class	11X

Description**Version:****Tolerance:** Point angle $\pm 1^\circ$.**Application:**

- **Slot milling**
- **Countersinking**
- **Milling**
- **Can also be used as a NC spotting drill.**

Technical description

Shank Ø D _s	20 mm
Shank	DIN 6535 HB to h6
Chamfer mill	45 degrees
Overall length L	104 mm
Feed f _z for side milling in steel < 900 N/mm ²	0.1 mm
Cutting edge Ø D _c	20 mm
Corner chamfer angle	45 degrees
No. of teeth Z	2
Flute length L _c	38 mm
Coating	uncoated
Tool material	Solid carbide

Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	e8
Helix angle	30 degrees
Cutting width a_e for milling operation	0.5×D for side milling
Countersink tip angle	90 degrees
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	Indexable end mill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	180 m/min	N
Aluminium (short chipping)	suitable	140 m/min	N
Alu > 10% Si	suitable	105 m/min	N
Steel < 500 N/mm ²	suitable	70 m/min	P
Steel < 750 N/mm ²	suitable	60 m/min	P
Steel < 900 N/mm ²	suitable	55 m/min	P
Steel < 1100 N/mm ²	suitable	35 m/min	P
INOX < 900 N/mm ²	suitable	40 m/min	M
GG(G)	suitable	55 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
Air	Suitable only under restricted conditions		

Services

Shank grinding Type HB

129100 HB