

Garant
Solid carbide chamfer mill 60°, uncoated, Ø e8 DC: 12mm

Order data

Order number	208065 12
GTIN	4045197859624
Item class	11X

Description
Version:

Tolerance: Point angle $\pm 1^\circ$.

Application:

- **Countersinking**
- **Chamfering**

Note:

For **HB** shanks use order **No. 208068**.

HB shanks are available at the same price as HA.

Technical description

Overall length L	83 mm
Flute length L _c	26 mm
Shank	DIN 6535 HA with h6
Shank Ø D _s	12 mm
No. of teeth Z	2
Cutting edge Ø D _c	12 mm
Feed f _z for side milling in steel < 900 N/mm ²	0.06 mm
Corner chamfer angle	60 degrees
Chamfer mill	30 degrees
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	60 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