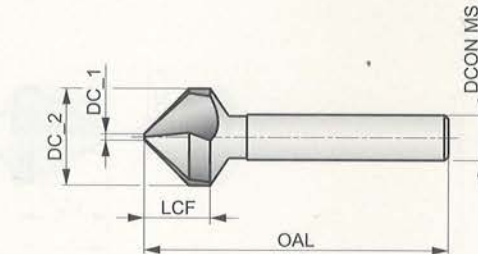


# G400



## Carbide Straight Shank 90° Countersink, Bright Finish

High performance 90° countersink with bright finish, designed for use with CNC machines where high productivity and quality are required. Can be used for chamfering holes in hard and abrasive materials. A 90° angle is designed to chamfer holes for standard fasteners with 90° heads.



HM	Bright	DIN 335C
R	90°	

Workpiece material group suitability, starting values for cutting speed (m/min) and feed Alpha Code. Tables with feed per revolution can be found starting from page 251.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■ 64 E	■ 72 E	■ 74 E	■ 55 E	■ 48 D	■ 43 B	■ 45 D	■ 36 D	■ 30 B	■ 26 D	■ 23 B	■ 18 A	■ 24 C	■ 21 C
M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3
■ 22 C	▧ 18 C	▧ 15 B	■ 20 B	▧ 17 B	▧ 15 B	▧ 15 A	▧ 13 A	■ 45 F	■ 33 D	■ 25 D	■ 46 C	■ 37 C	▧ 30 C
K3.1	K3.2	K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N1.1	N1.2	N1.3
■ 41 C	■ 31 C	▧ 25 C	■ 38 C	■ 28 C	■ 21 C	▧ 18 C	▧ 15 C	■ 43 C	■ 32 C	■ 25 C	▧ 75 G	■ 55 G	■ 40 F
N2.1	N2.2	N2.3	N3.1	N3.2	N3.3	N4.3	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2
■ 40 F	■ 36 F	■ 26 F	■ 42 F	■ 25 F	▧ 13 D	■ 17 E	■ 12 C	■ 10 A	▧ 9 A	■ 8 B	▧ 7 A	■ 6 B	▧ 5 A
S4.1	S4.2	H1.1	H2.1	H2.2	H3.1	H3.2	H4.1	H4.2					
■ 5 B	▧ 4 A	■ 12 A	■ 7 A	▧ 6 B	■ 8 A	▧ 7 B	■ 5 A	▧ 4 B					

DCON MS tolerance h6.

Product	DC_2	DC_1	LCF	OAL	DCON MS	NOF
	(mm)	(mm)	(mm)	(mm)	(mm)	
G4006.3	6.30	1.50	5.0	45.0	5.00	3
G4008.3	8.30	2.00	6.0	50.0	6.00	3
G40010.4	10.40	2.50	7.1	50.0	6.00	3
G40012.4	12.40	2.80	8.0	56.0	8.00	3
G40016.5	16.50	3.20	10.0	60.0	10.00	3
G40020.5	20.50	3.50	12.5	63.0	10.00	3
G40025.0	25.00	3.80	15.0	67.0	10.00	3
G40031.0	31.00	4.20	18.0	71.0	12.00	3