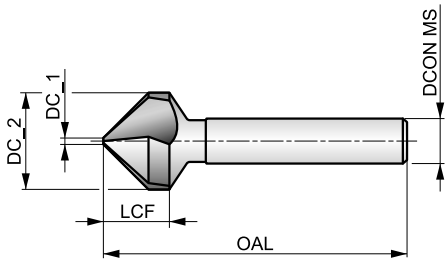
G400

DORMER



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 (mm)	DC_1 (mm)	LCF (mm)	OAL (mm)	DCON MS (mm)	NOF
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