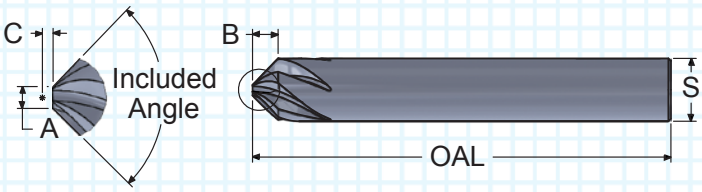
HELICAL CHAMFER MILLS
HIGH PERFORMANCE - SOLID CARBIDE



Tool is not recommended for plunging countersinks

- Helical flutes for high performance
- Tool tip diameter held to + /– 0.002 for fast set-ups
- Positive high shear design for reduced cutting forces
- 3 flute configuration for max chip evacuation
- 5 flute configuration for harder materials

INCL. ANGLE	"A" TIP DIA.	"B" LENGTH OF CUT	*"C" REF.	"S" SHANK DIA.	OAL	FLUTES	ORDER #		EDP #	
							UNCOATED	ALTiN+	UNCOATED	ALTiN+
60°	0.040	0.074	0.036	0.125	1.50	3	HC12503-060	HC12503-060A	500010	500132
60°	0.050	0.119	0.045	0.187	2.00	3	HC18703-060	HC18703-060A	500013	500135
60°	0.060	0.165	0.054	0.250	2.50	3	HC25003-060	HC25003-060A	500017	500138
60°	0.060	0.165	0.054	0.250	2.50	5	HC25005-060	HC25005-060A	500020	500141
60°	0.070	0.264	0.062	0.375	2.50	3	HC37503-060	HC37503-060A	500023	500144
60°	0.070	0.264	0.062	0.375	2.50	5	HC37505-060	HC37505-060A	500026	500147
60°	0.080	0.364	0.071	0.500	3.00	3	HC50003-060	HC50003-060A	500030	500150
60°	0.080	0.364	0.071	0.500	3.00	5	HC50005-060	HC50005-060A	500033	500153
60°	0.090	0.463	0.080	0.625	3.00	3	HC62503-060	HC62503-060A	500037	500156
60°	0.090	0.463	0.080	0.625	3.00	5	HC62505-060	HC62505-060A	500040	500159
60°	0.100	0.563	0.088	0.750	3.00	3	HC75003-060	HC75003-060A	500043	500162
60°	0.100	0.563	0.088	0.750	3.00	5	HC75005-060	HC75005-060A	500047	500165
90°	0.040	0.043	0.021	0.125	1.50	3	HC12503-090	HC12503-090A	500050	500168
90°	0.050	0.069	0.026	0.187	2.00	3	HC18703-090	HC18703-090A	500054	500171
90°	0.060	0.095	0.031	0.250	2.50	3	HC25003-090	HC25003-090A	500057	500174
90°	0.060	0.095	0.031	0.250	2.50	5	HC25005-090	HC25005-090A	500060	500177
90°	0.070	0.153	0.036	0.375	2.50	3	HC37503-090	HC37503-090A	500064	500180
90°	0.070	0.153	0.036	0.375	2.50	5	HC37505-090	HC37505-090A	500067	500183
90°	0.080	0.210	0.041	0.500	3.00	3	HC50003-090	HC50003-090A	500071	500186
90°	0.080	0.210	0.041	0.500	3.00	5	HC50005-090	HC50005-090A	500074	500189
90°	0.090	0.268	0.046	0.625	3.00	3	HC62503-090	HC62503-090A	500077	500192
90°	0.090	0.268	0.046	0.625	3.00	5	HC62505-090	HC62505-090A	500081	500195
90°	0.100	0.325	0.051	0.750	3.00	3	HC75003-090	HC75003-090A	500084	500198
90°	0.100	0.325	0.051	0.750	3.00	5	HC75005-090	HC75005-090A	500088	500201
120°	0.040	0.025	0.012	0.125	1.50	3	HC12503-120	HC12503-120A	500091	500204
120°	0.050	0.040	0.015	0.187	2.00	3	HC18703-120	HC18703-120A	500094	500207
120°	0.060	0.055	0.018	0.250	2.50	3	HC25003-120	HC25003-120A	500098	500210
120°	0.060	0.055	0.018	0.250	2.50	5	HC25005-120	HC25005-120A	500101	500213
120°	0.070	0.088	0.021	0.375	2.50	3	HC37503-120	HC37503-120A	500105	500216
120°	0.070	0.088	0.021	0.375	2.50	5	HC37505-120	HC37505-120A	500108	500219
120°	0.080	0.121	0.024	0.500	3.00	3	HC50003-120	HC50003-120A	500111	500222
120°	0.080	0.121	0.024	0.500	3.00	5	HC50005-120	HC50005-120A	500115	500225
120°	0.090	0.154	0.027	0.625	3.00	3	HC62503-120	HC62503-120A	500118	500228
120°	0.090	0.154	0.027	0.625	3.00	5	HC62505-120	HC62505-120A	500122	500231
120°	0.100	0.188	0.029	0.750	3.00	3	HC75003-120	HC75003-120A	500125	500234
120°	0.100	0.188	0.029	0.750	3.00	5	HC75005-120	HC75005-120A	500128	500237

* C is the length from the tool tip to theoretical sharp

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