

P M S K N

FORM MILLING

Reliable chamfering, engraving,
corner rounding & more

Chamfer Mills P 81-84

Chamfer Drill Mills P 85

Engraving P 86

Corner Rounding P 87

- ✓ Carbide chamfer mills from 30-60 degrees, suitable for a wide range of materials
- ✓ Chamfer drill mills for multi purpose drilling, v-slotting, profiling and chamfering
- ✓ Sharp point carbide engraving tools for precision machining a wide range of materials

cutwel PRO

General Purpose

4 FLUTE 45° GENERAL PURPOSE SOLID CARBIDE CHAMFER MILL

Uncoated and TiAlN Coated Carbide

- Chamfer milling cutter suitable for general machining all materials up to HRC45
- 45° chamfer angle
- Plain shank



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

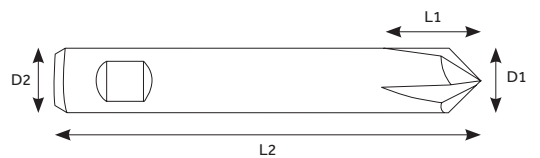
D1	D2	L1	L2	Order Code	
				Uncoated	TiAlN Coated
6	6	8	38	CMC100-45-6	CMC200-45-6
8	8	11	43	CMC100-45-8	CMC200-45-8
10	10	13	50	CMC100-45-10	CMC200-45-10
12	12	15	60	CMC100-45-12	CMC200-45-12

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General Purpose

3-5 FLUTE 30° SOLID CARBIDE CHAMFER MILL

- Ultra coated
- 30° chamfer angle
- Suitable for chamfering & deburring applications



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

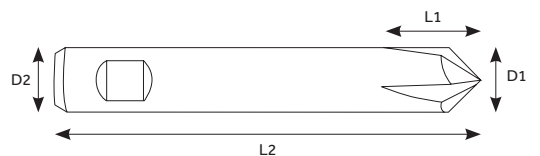
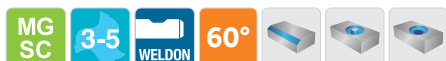
D1	D2	L1	L2	No. of Flutes	Order Code
1	3	3	39	3	CMC200-30-1
2					CMC200-30-2
3					CMC200-30-3
4	4	4	54	4	CMC200-30-4
6					CMC200-30-6
8					CMC200-30-8
10	10	10	72	5	CMC200-30-10
12					CMC200-30-12

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General Purpose

3-5 FLUTE 60° SOLID CARBIDE CHAMFER MILL

- Ultra coated
- 60° chamfer angle
- Suitable for chamfering & deburring applications



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

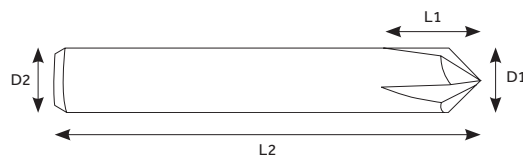
D1	D2	L1	L2	No. of Flutes	Order Code
1	1	3	39	3	CMC200-60-1
2	2		39		CMC200-60-2
3	3		39		CMC200-60-3
4	4	4	54	4	CMC200-60-4
6	6	6	57	5	CMC200-60-6
8	8	8	63		CMC200-60-8
10	10	10	72		CMC200-60-10
12	12	12	83		CMC200-60-12



High Performance

2 FLUTE 45° CHAMFER MILL

- Suitable for edge chamfering, centering, and similar operations
- 45° chamfer angle
- Excellent performance on materials such as stainless steel, mild steel, and cast iron



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

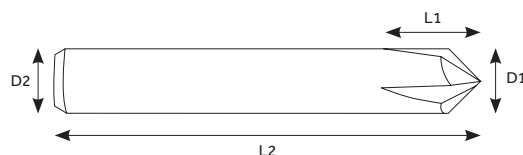
D1	D2	L1	L2	Order Code	
				Plain Shank	Weldon Shank
3	3	1.5	60	EH128030	-
4	4	2	60	EH128040	-
6	6	3	60	EH128060	EHK37060
8	8	4	70	EH128080	EHK37080
10	10	5	75	EH128100	EHK37100
12	12	6	80	EH128120	EHK37120
16	16	8	100	EH128160	EHK37160
20	20	10	100	EH128200	EHK37200



High Performance

3 FLUTE 45° CHAMFER MILL

- The helix design enhances cutting performance and improves chamfer surface finish quality
- 45° chamfer angle
- Designed with a dubbed point to prevent chipping at the tip



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

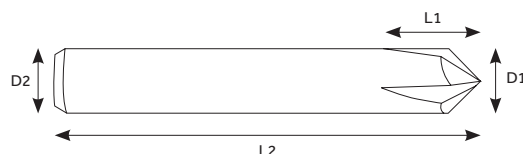
D1	D2	L1	L2	Order Code	
				Plain Shank	Weldon Shank
0.8	3	1.1	60	EH129030	-
	4	1.6	60	EH129040	-
1	6	2.5	60	EH129060	EHK38060
	8	3.5	70	EH129080	EHK38080
2	10	4	75	EH129100	EHK38100
	12	5	80	EH129120	EHK38120



High Performance

4 FLUTE 45° CHAMFER MILL

- The increased number of cutting edges extends tool life and improves productivity
- 45° chamfer angle
- Improved surface finish quality on workpiece



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

D1	D2	L1	L2	Order Code	
				Plain Shank	Weldon Shank
3	3	1.5	60	EH130030	-
4	4	2	60	EH130040	-
6	6	3	60	EH130060	EHK39060
8	8	4	70	EH130080	EHK39080
10	10	5	75	EH130100	EHK39100
12	12	6	80	EH130120	EHK39120
16	16	8	100	EH130160	EHK39160
20	20	10	100	EH130200	EHK39200

Karnaschi
 PROFESSIONAL TOOLS

High Performance

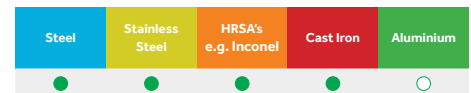
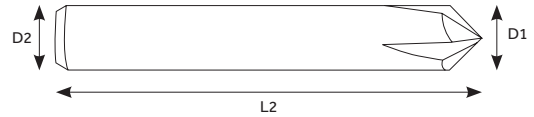
4-6 FLUTE 30° & 45° CHAMFER MILL

- Chamfer milling cutter suitable for high performance machining all materials up to HRC65
- 45° or 30° chamfer angle
- Plain shank

30°



45°



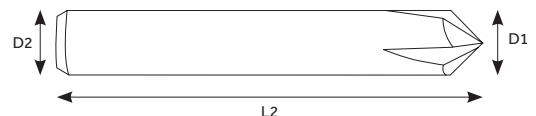
D1	D2	L2	No. of Flutes	Order Code
30°				
4	4	54	4	3064920400
6	6	57		3064920600
8	8	63		3064920800
10	10	72		3064921000
12	12	83	6	3064921200
45°				
4	4	54	4	3064930400
6	6	57		3064930600
8	8	63		3064930800
10	10	72		3064931000
12	12	83	6	3064931200

Karnaschi
 PROFESSIONAL TOOLS

High Performance

3 FLUTE 45° ALUMINIUM CHAMFER MILL

- Lapped 3 flute design for aluminium, copper, plastic & brass
- 45° chamfer angle
- Plain shank



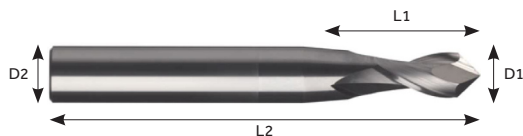
Aluminium



D1	D2	L2	Order Code
4	4	54	3062000400
6	6	57	3062000600
8	8	63	3062000800
10	10	72	3062001000
12	12	83	3062001200

cutwel PRO**General Purpose****2 FLUTE 30/45/60° CHAMFER DRILL MILL**

- 1 tool for multiple applications: v-slot milling, countersinking, angle milling, chamfering, spot drilling, drilling, profiling and bevel milling
- Uncoated solid carbide
- Angle refers to chamfer angle not inclusive angle



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

D1	D2	L1	L2	Order Code		
				30°	45°	60°
1	3	2	39	-	DM200-45-1	-
1.2	3	2.4	39	-	DM200-45-1.2	-
1.5	3	3	39	-	DM200-45-1.5	-
2	3	4	39	-	DM200-45-2	-
2.5	3	5	39	-	DM200-45-2.5	-
3	4	6	50	DM200-30-3	DM200-45-3	DM200-60-3
4	5	8	50	DM200-30-4	DM200-45-4	DM200-60-4
5	6	10	50	DM200-30-5	DM200-45-5	DM200-60-5
6	8	12	60	DM200-30-6	DM200-45-6	DM200-60-6
8	10	16	70	DM200-30-8	DM200-45-8	DM200-60-8
10	12	18	70	DM200-30-10	DM200-45-10	DM200-60-10
12	12	20	70	DM200-30-12	DM200-45-12	DM200-60-12
16	16	26	80	-	DM200-45-16	-
20	20	32	100	-	DM200-45-20	-

cutwel PRO**General Purpose****3-4 FLUTE 45° TiAlN COATED FRONT & BACK CHAMFER MILL**

- 1 tool for multiple applications: chamfering, back chamfering, groove milling, countersinking & deburring
- TiAlN coated carbide



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

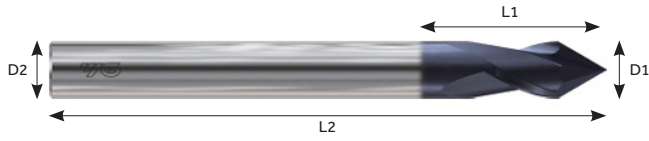
D1	D2	D3	L1	L2	No. of Flutes	Order Code
1.4	3	0.9	3.8	39	3	CMFB-45-1.4
1.9	3	1.2	5	39		CMFB-45-1.9
2.4	3	1.5	6.2	39		CMFB-45-2.4
2.9	3	1.8	7.4	39		CMFB-45-2.9
3.4	4	2.1	8.6	54		CMFB-45-3.4
3.9	4	2.4	9.8	54		CMFB-45-3.9
4.4	5	2.7	11	55		CMFB-45-4.4
4.9	5	3	12.2	55		CMFB-45-4.9
5.9	6	3.6	14.6	57		CMFB-45-5.9
7.8	6	-	-	100	4	CMFB-45-7.8
9.8		-	-			CMFB-45-9.8
11.8		-	-			CMFB-45-11.8
13.8		-	-			CMFB-45-13.8
15.8		-	-			CMFB-45-15.8



High Performance

2 FLUTE 30/45/60° TiAlN COATED CHAMFER DRILL MILL

- 1 tool for multiple applications: v-slot milling, countersinking, angle milling, chamfering, spot drilling, drilling, profiling and bevel milling
- TiAlN coated carbide



Steel	Stainless Steel	Cast Iron	Aluminium
☒	☐	☒	☐

D1	D2	L1	L2	Order Code		
				30°	45°	60°
3	4	6	50	EHK28030	EHK29030	EHK30030
4	6	8	50	EHK28040	EHK29040	EHK30040
5	6	10	50	EHK28050	EHK29050	EHK30050
6	6	12	60	EHK28060	EHK29060	EHK30060
8	8	16	70	EHK28080	EHK29080	EHK30080
10	10	20	70	EHK28100	EHK29100	EHK30100
12	12	24	80	EHK28120	EHK29120	EHK30120
16	16	32	90	EHK28160	EHK29160	EHK30160
20	20	40	100	EHK28200	EHK29200	EHK30200

FORM MILLING



1 FLUTE 60° & 90° SOLID CARBIDE ENGRAVING TOOL

Uncoated

- For all types of materials
- 60° and 90° chamfer angles
- Sharp point
- Plain shank

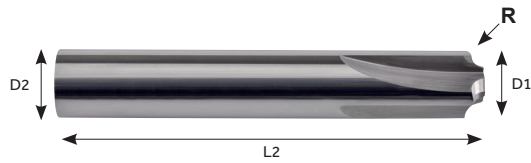


Steel	Stainless Steel	HRSA's e.g. Inconel	Cast Iron	Aluminium
●	●	○	●	●

D2	L1	L2	Order Code	
			60°	90°
3	4	50	ETSC60-3	ETSC90-3
4	5	50	ETSC60-4	ETSC90-4
6	7	60	ETSC60-6	ETSC90-6
8	9	80	ETSC60-8	ETSC90-8
10	11	100	ETSC60-10	ETSC90-10
12	12	100	ETSC60-12	ETSC90-12

cutwel PRO**4 FLUTE TiAlN COATED CARBIDE CORNER ROUNDING CUTTER**

- Corner rounding for machining external radius
- TiAlN coated carbide for high performance machining
- Excellent for steel, stainless steel & cast iron
- Also suitable for hardened steel up to HRC45 & HRSA's
- Plain shank



Steel	Hardened Steel	Stainless Steel	HRSA's e.g. Inconel	Cast Iron	Aluminium
●	○	●	●	●	●

R	D1	D2	L2	Order Code
0.5	5	6	58	CRT200--R0.5
1	4	6	58	CRT200--R1
1.5	5	8	64	CRT200--R1.5
2	6	10	72	CRT200--R2
2.5	5	10	72	CRT200--R2.5
3	6	12	74	CRT200--R3
3.5	5	12	74	CRT200--R3.5
4	8	16	80	CRT200--R4
4.5	7	16	80	CRT200--R4.5
5	6	16	80	CRT200--R5
5.5	9	20	80	CRT200--R5.5
6	8	20	80	CRT200--R6