

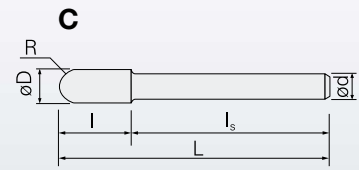
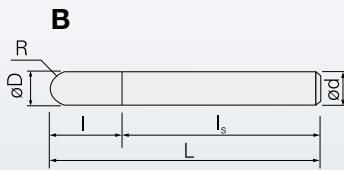
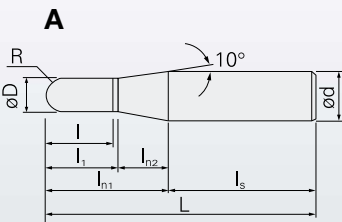
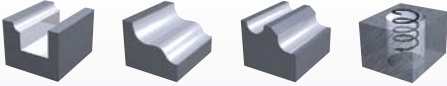
Epoch Carbide End Mills

No. 415

Micro Grain Carbide End Mills - Century Coated

CEPB-2 | Epoch Ball

V max High Speed	▽ Roughing	▽▽ Semi-Finishing	▽▽▽ Finishing	HRC 55	No. of Teeth 2
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Carbide Micro Grain	C Century Coating	Rake Angle Negative
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R	± 0.01
D	0/-0.02
d	h6

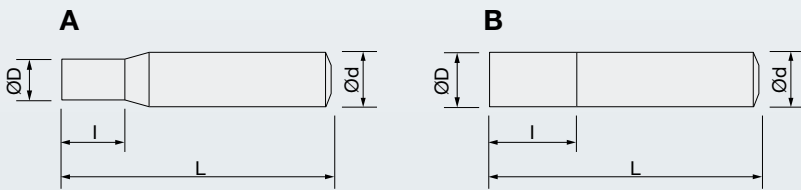
ID Code	Item No.	Stock	Z	R	ØD	l	dn	l ₁	l _{n1}	l _{n2}	l _s	L	d	Type
EP 064	CEPB-2010	■	2	0.5	1	1.5	2.5	11	8.5	39	50	4	A	
EP 065	CEPB-2015	■	2	0.75	1.5	2.5	3.5	10.6	7.1	39.4	50	4	A	
EP 066	CEPB-2020	■	2	1	2	3	4	15.3	11.3	34.7	50	6	A	
EP 067	CEPB-2025	■	2	1.25	2.5	4	5	14.9	9.9	35.1	50	6	A	
EP 068	CEPB-2030	■	2	1.5	3	4.5	5.5	14	8.5	56	70	6	A	
EP 069	CEPB-2040	■	2	2	4	6	7	12.7	5.7	57.3	70	6	A	
EP 070	CEPB-2050	■	2	2.5	5	7.5	8.5	11.3	2.8	68.7	80	6	A	
EP 071	CEPB-2060	■	2	3	6	9				81	90	6	B	
EP 072	CEPB-2070	■	2	3.5	7	11				79	90	6	C	
EP 073	CEPB-2080	■	2	4	8	12				88	100	8	B	
EP 074	CEPB-2100	■	2	5	10	15				85	100	10	B	
EP 075	CEPB-2120	■	2	6	12	18				92	110	12	B	
EP 076	CEPB-2160	■	2	8	16	24				116	140	16	B	
EP 077	CEPB-2200	■	2	10	20	30				130	160	20	B	

■ = Stock | Germany

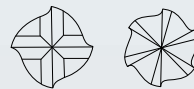


CEPR | Epoch Regular

V max High Speed	 Semi-Finishing	 Finishing	HRC 55	No. of Teeth 4	No. of Teeth 6
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Carbide Micro Grain	C Century Coating	Rake Angle Negative
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DØ3.0	-0.014/-0.028
DØ4.0~Ø6.0	-0.020/-0.038
DØ8.0~Ø20.0	-0.025/-0.047
d	h6

ID Code	Item No.	Stock	Z	R	ØD	l	dn	l ₁	l _{n1}	l _{n2}	l _s	L	d	Type
EP 099	CEPR-4030	■	4		3	10						60	6	A
EP 101	CEPR-4040	■	4		4	12						60	6	A
EP 103	CEPR-4050	■	4		5	15						60	6	A
EP 105	CEPR-6060	■	6		6	15						60	6	B
EP 110	CEPR-6080	■	6		8	20						75	8	B
EP 115	CEPR-6100	■	6		10	25						80	10	B
EP 120	CEPR-6120	■	6		12	30						100	12	B
EP 123	CEPR-6140	■	6		14	35						105	16	A
EP 124	CEPR-6150	■	6		15	40						110	16	A
EP 125	CEPR-6160	■	6		16	40						110	16	B
EP 128	CEPR-6180	■	6		18	40						120	20	A
EP 130	CEPR-6200	■	6		20	45						125	20	B

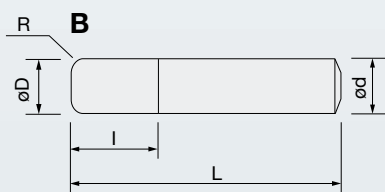
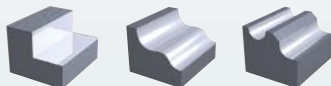
■ = Stock | Germany



End Mills - Century Coated

CEPR-00 | Epoch Regular Corner Radius

V max High Speed	 Semi-Finishing	 Finishing	HRC 65	No. of Teeth 6
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Carbide Micro Grain	C Century Coating	Rake Angle Negative
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R	± 0.015
DØ6.0	-0.020/-0.038
DØ8.0~Ø20	-0.025/-0.047
d	h6

ID Code	Item No.	Stock	Z	R	ØD	l	dn	l ₁	l _{n1}	l _{n2}	l _s	L	d	Type
EP 010	CEPR-6060-03	■	6	0.3	6	15						60	6	B
EP 011	CEPR-6060-05	■	6	0.5	6	15						60	6	B
EP 106	CEPR-6060-10	■	6	1	6	15						60	6	B
EP 012	CEPR-6080-03	■	6	0.3	8	20						75	8	B
EP 013	CEPR-6080-05	■	6	0.5	8	20						75	8	B
EP 111	CEPR-6080-10	■	6	1	8	20						75	8	B
EP 014	CEPR-6100-05	■	6	0.5	10	25						80	10	B
EP 015	CEPR-6100-10	■	6	1	10	25						80	10	B
EP 116	CEPR-6100-15	■	6	1.5	10	25						80	10	B
EP 016	CEPR-6100-20	■	6	2	10	25						80	10	B
EP 017	CEPR-6120-05	■	6	0.5	12	30						100	12	B
EP 018	CEPR-6120-10	■	6	1	12	30						100	12	B
EP 121	CEPR-6120-15	■	6	1.5	12	30						100	12	B
EP 019	CEPR-6120-20	■	6	2	12	30						100	12	B
EP 020	CEPR-6160-10	■	6	1	16	40						110	16	B
EP 126	CEPR-6160-20	■	6	2	16	40						110	16	B
EP 021	CEPR-6200-10	■	6	1	20	45						125	20	B
EP 131	CEPR-6200-20	■	6	2	20	45						125	20	B

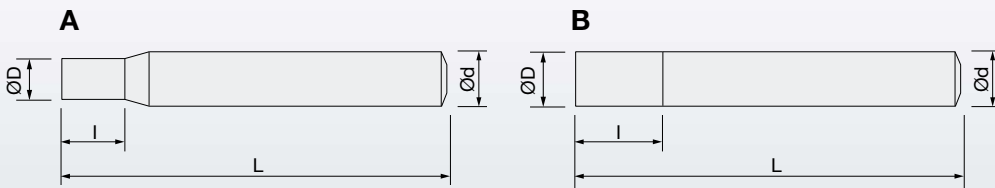
■ = Stock | Germany

Epoch Carbide End Mills

Micro Grain Carbide End Mills - Century Coated

CEPL | Epoch Long

V max High Speed	▽ Semi-Finishing	▽▽ Finishing	HRC 65	No. of Teeth 4	No. of Teeth 6
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Carbide Micro Grain	C Century Coating	Rake Angle Negative
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DØ3.0	-0.014/-0.028
DØ4.0~Ø6.0	-0.020/-0.038
DØ8.0~Ø20.0	-0.025/-0.047
d	h6

ID Code	Item No.	Stock	Z	R	ØD	I	dn	I ₁	I _{n1}	I _{n2}	I _s	L	d	Type
EP 087	CEPL-4030	■	4		3	15						60	6	A
EP 088	CEPL-4040	■	4		4	20						65	6	A
EP 089	CEPL-4050	■	4		5	25						70	6	A
EP 090	CEPL-6060	■	6		6	25						70	6	B
EP 091	CEPL-6080	■	6		8	35						90	8	B
EP 092	CEPL-6100	■	6		10	45						100	10	B
EP 093	CEPL-6120	■	6		12	55						120	12	B
EP 094	CEPL-6160	■	6		16	65						135	16	B
EP 095	CEPL-6200	■	6		20	75						155	20	B

■ = Stock | Germany

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