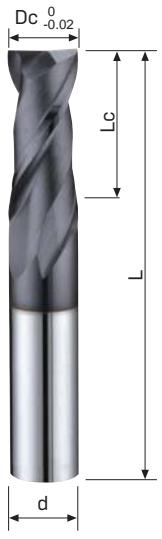


Universal End Mills

Code No. E122X-Dc

D _c 0 -0.02	L _c	L	d	AlTiN	D _c 0 -0.02	L _c	L	d	AlTiN	D _c 0 -0.02	L _c	L	d	AlTiN
mm	mm	mm	h6	E122X	mm	mm	mm	h6	E122X	mm	mm	mm	h6	E122X
0.1	0.3	50	4	●	6.9	20	60	8	●	13.9	26	80	12	●
0.2	0.5	50	4	●	7	20	60	8	●	14	32	90	16	●
0.3	0.8	50	4	●	7.1	20	60	8	●	14.1	32	90	16	●
0.4	1	50	4	●	7.2	20	60	8	●	14.2	32	90	16	●
0.5	1.2	50	4	●	7.3	20	60	8	●	14.3	32	90	16	●
0.6	1.5	50	4	●	7.4	20	60	8	●	14.4	32	90	16	●
0.7	1.8	50	4	●	7.5	20	60	8	●	14.5	32	90	16	●
0.8	2	50	4	●	7.6	20	60	8	●	14.6	32	90	16	●
0.9	2.5	50	4	●	7.7	20	60	8	●	14.7	32	90	16	●
1	3	50	4	●	7.8	20	60	8	●	14.8	32	90	16	●
1.1	3	50	4	●	7.9	20	60	8	●	14.9	32	90	16	●
1.2	4	50	4	●	8	20	60	8	●	15	32	90	16	●
1.3	4	50	4	●	8.1	20	72	10	●	15.1	38	100	16	●
1.4	4	50	4	●	8.2	20	72	10	●	15.2	38	100	16	●
1.5	5	50	4	●	8.3	20	72	10	●	15.3	38	100	16	●
1.6	5	50	4	●	8.4	20	72	10	●	15.4	38	100	16	●
1.7	5	50	4	●	8.5	20	72	10	●	15.5	38	100	16	●
1.8	5	50	4	●	8.6	22	72	10	●	15.6	38	100	16	●
1.9	5	50	4	●	8.7	22	72	10	●	15.7	38	100	16	●
2	6	50	4	●	8.8	22	72	10	●	15.8	38	100	16	●
2.1	6	50	4	●	8.9	22	72	10	●	15.9	38	100	16	●
2.2	6	50	4	●	9	22	72	10	●	16	38	100	16	●
2.3	6	50	4	●	9.1	22	72	10	●	16.1	38	100	20	●
2.4	8	50	4	●	9.2	22	72	10	●	16.2	38	100	20	●
2.5	8	50	4	●	9.3	22	72	10	●	16.3	38	100	20	●
2.6	8	50	4	●	9.4	22	72	10	●	16.4	38	100	20	●
2.7	8	50	4	●	9.5	22	72	10	●	16.5	38	100	20	●
2.8	8	50	4	●	9.6	22	72	10	●	16.6	38	100	20	●
2.9	8	50	4	●	9.7	22	72	10	●	16.7	38	100	20	●
3A	8	50	4	●	9.8	22	72	10	●	16.8	38	100	20	●
4A	11	50	4	●	9.9	22	72	10	●	16.9	38	100	20	●
3	8	50	6	●	10	22	72	10	●	17	38	100	20	●
3.1	10	50	6	●	10.1	22	75	12	●	17.1	38	100	20	●
3.2	10	50	6	●	10.2	22	75	12	●	17.2	38	100	20	●
3.3	10	50	6	●	10.3	22	75	12	●	17.3	38	100	20	●
3.4	10	50	6	●	10.4	22	75	12	●	17.4	38	100	20	●
3.5	10	50	6	●	10.5	22	75	12	●	17.5	38	100	20	●
3.6	10	50	6	●	10.6	26	75	12	●	17.6	38	100	20	●
3.7	10	50	6	●	10.7	26	75	12	●	17.7	38	100	20	●
3.8	11	50	6	●	10.8	26	75	12	●	17.8	38	100	20	●
3.9	11	50	6	●	10.9	26	75	12	●	17.9	38	100	20	●
4	11	50	6	●	11	26	75	12	●	18	38	100	20	●
4.1	11	50	6	●	11.1	26	75	12	●	18.1	38	100	20	●
4.2	11	50	6	●	11.2	26	75	12	●	18.2	38	100	20	●
4.3	11	50	6	●	11.3	26	75	12	●	18.3	38	100	20	●
4.4	11	50	6	●	11.4	26	75	12	●	18.4	38	100	20	●
4.5	11	50	6	●	11.5	26	75	12	●	18.5	38	100	20	●
4.6	11	50	6	●	11.6	26	75	12	●	18.6	38	100	20	●
4.7	11	50	6	●	11.7	26	75	12	●	18.7	38	100	20	●
4.8	13	50	6	●	11.8	26	75	12	●	18.8	38	100	20	●
4.9	13	50	6	●	11.9	26	75	12	●	18.9	38	100	20	●
5	13	50	6	●	12	26	75	12	●	19	38	100	20	●
5.1	13	50	6	●	12.1	26	80	12	●	19.1	38	100	20	●
5.2	13	50	6	●	12.2	26	80	12	●	19.2	38	100	20	●
5.3	13	50	6	●	12.3	26	80	12	●	19.3	38	100	20	●
5.4	13	50	6	●	12.4	26	80	12	●	19.4	38	100	20	●
5.5	13	50	6	●	12.5	26	80	12	●	19.5	38	100	20	●
5.6	16	50	6	●	12.6	26	80	12	●	19.6	38	100	20	●
5.7	16	50	6	●	12.7	26	80	12	●	19.7	38	100	20	●
5.8	16	50	6	●	12.8	26	80	12	●	19.8	38	100	20	●
5.9	16	50	6	●	12.9	26	80	12	●	19.9	38	100	20	●
6	16	50	6	●	13	26	80	12	●	20	38	100	20	●
6.1	16	60	8	●	13.1	26	80	12	●	1/8	3.175	8	50	6
6.2	16	60	8	●	13.2	26	80	12	●	3/16	4.760	12	50	6
6.3	16	60	8	●	13.3	26	80	12	●	1/4	6.350	18	60	8
6.4	16	60	8	●	13.4	26	80	12	●	5/16	7.940	20	60	8
6.5	16	60	8	●	13.5	26	80	12	●	3/8	9.525	22	72	10
6.6	20	60	8	●	13.6	26	80	12	●	1/2	12.700	26	75	12
6.7	20	60	8	●	13.7	26	80	12	●	5/8	15.880	38	100	16
6.8	20	60	8	●	13.8	26	80	12	●	3/4	19.050	38	100	20



Steel < 48HRC					
P	H	M	K	N	S

Type of Operation					

P	GR1	Carbon Steel	●
	GR2	<24HRC Low-alloyed Steel	●
	GR3	<30HRC Hi-alloyed Steel	●
H	GR4	30-38HRC Hardened Steel	●
	GR5	38-48HRC Hardened Steel	●
	GR6	48-56HRC Hardened Steel	
	GR7	56-68HRC Hardened Steel	
M	GR8	Stainless Steel	○
K	GR9	Cast Iron	●
	GR10	Aluminium	
N	GR11	Copper	○
	GR12	Plastics	
	GR13	FRP CFRP Composite Material	
	GR14	Graphite	
S	GR15	Titanium	
	GR16	Nickel	
	GR17	Heat-resistant Steel	