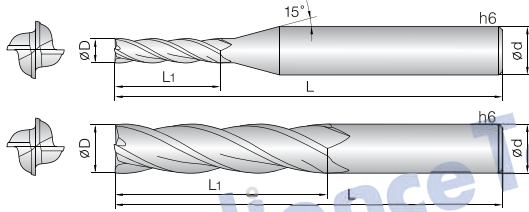


4 Flutes Wide Cut Long Length End Mills



4WLE

- Endmills for various work materials (HRC 50~62) Pre-hardened steels and Hardened steels.
- Good wear resistance by Si-based W coating.
- High-Precise edge tolerance.
- Good surface finish.
- Various Flute and overall length design for covering wide range applications as well as high efficiency machining.
- Minimize edge chipping by improving corner strength.



Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
4WLE 005 015 445	0.5	1.5	-	45	4
4WLE 005 020 445	0.5	2	-	45	4
4WLE 006 018 445	0.6	1.8	-	45	4
4WLE 006 024 445	0.6	2.4	-	45	4
4WLE 008 024 445	0.8	2.4	-	45	4
4WLE 008 032 445	0.8	3.2	-	45	4
4WLE 010 030 660	1	3	-	60	6
4WLE 010 050 660	1	5	-	60	6
4WLE 010 070 660	1	7	-	60	6
4WLE 010 100 660	1	10	-	60	6
4WLE 010 120 660	1	12	-	60	6
4WLE 012 040 660	1.2	4	-	60	6
4WLE 012 060 660	1.2	6	-	60	6
4WLE 012 080 660	1.2	8	-	60	6
4WLE 012 100 660	1.2	10	-	60	6
4WLE 015 060 660	1.5	6	-	60	6
4WLE 015 080 660	1.5	8	-	60	6
4WLE 015 100 660	1.5	10	-	60	6
4WLE 015 120 660	1.5	12	-	60	6
4WLE 015 150 660	1.5	15	-	60	6
4WLE 020 080 660	2	8	-	60	6
4WLE 020 100 660	2	10	-	60	6
4WLE 020 120 660	2	12	-	60	6
4WLE 020 150 660	2	15	-	60	6
4WLE 020 200 660	2	20	-	60	6
4WLE 030 100 660	3	10	-	60	6

4 Flutes Wide Cut Long Length End Mills



Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
4WLE 030 150 660	3	15	-	60	6
4WLE 030 200 660	3	20	-	60	6
4WLE 030 250 660	3	25	-	60	6
4WLE 030 300 675	3	30	-	75	6
4WLE 030 350 675	3	35	-	75	6
4WLE 030 400 675	3	40	-	75	6
4WLE 035 120 660	3.5	12	-	60	6
4WLE 035 150 660	3.5	15	-	60	6
4WLE 035 200 660	3.5	20	-	60	6
4WLE 040 120 660	4	12	-	60	6
4WLE 040 150 460	4	15	-	60	4
4WLE 040 150 660	4	15	-	60	6
4WLE 040 200 460	4	20	-	60	4
4WLE 040 200 660	4	20	-	60	6
4WLE 040 250 660	4	25	-	60	6
4WLE 040 300 675	4	30	-	75	6
4WLE 040 350 675	4	35	-	75	6
4WLE 040 400 675	4	40	-	75	6
4WLE 040 450 6A0	4	45	-	100	6
4WLE 040 500 6A0	4	50	-	100	6
4WLE 045 150 660	4.5	15	-	60	6
4WLE 045 200 660	4.5	20	-	60	6
4WLE 050 200 660	5	20	-	60	6
4WLE 050 250 675	5	25	-	75	6
4WLE 050 300 675	5	30	-	75	6
4WLE 050 400 675	5	40	-	75	6
4WLE 050 500 6A0	5	50	-	100	6
4WLE 060 200 675	6	20	-	75	6
4WLE 060 200 6A0	6	20	-	100	6
4WLE 060 250 675	6	25	-	75	6
4WLE 060 300 675	6	30	-	75	6
4WLE 060 350 675	6	35	-	75	6
4WLE 060 400 6A0	6	40	-	100	6
4WLE 060 450 6A0	6	45	-	100	6
4WLE 060 500 6A0	6	50	-	100	6
4WLE 080 250 875	8	25	-	75	8
4WLE 080 250 8A0	8	25	-	100	8

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS

4 Flutes Wide Cut Long Length End Mills



Unit(mm)

	Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	4WLE 080 300 875	8	30	-	75	8
	4WLE 080 350 8A0	8	35	-	100	8
WIDE-CUT	4WLE 080 400 8A0	8	40	-	100	8
	4WLE 080 450 8A0	8	45	-	100	8
HARD-CUT	4WLE 080 500 8A0	8	50	-	100	8
	4WLE 080 550 8A0	8	55	-	100	8
ALU-CUT	4WLE 080 600 8A0	8	60	-	100	8
	4WLE 100 300 A75	10	30	-	75	10
D-CUT	4WLE 100 300 AA0	10	30	-	100	10
	4WLE 100 350 AA0	10	35	-	100	10
SUS CUT	4WLE 100 400 AA0	10	40	-	100	10
	4WLE 100 450 AA0	10	45	-	100	10
MAGIC DRILLS	4WLE 100 500 AA0	10	50	-	100	10
	4WLE 100 550 AA0	10	55	-	100	10
	4WLE 100 600 AA0	10	60	-	100	10
	4WLE 100 650 AC0	10	65	-	120	10
	4WLE 100 700 AC0	10	70	-	120	10
	4WLE 120 300 CA0	12	30	-	100	12
	4WLE 120 350 CA0	12	35	-	100	12
	4WLE 120 400 CA0	12	40	-	100	12
	4WLE 120 450 CA0	12	45	-	100	12
	4WLE 120 500 CA0	12	50	-	100	12
	4WLE 120 600 CA0	12	60	-	100	12
	4WLE 120 700 CC0	12	70	-	120	12
	4WLE 120 1000 CF0	12	100	-	150	12
	4WLE 140 500 EA0	14	50	-	100	14
	4WLE 160 400 GF0	16	40	-	150	16
	4WLE 160 600 GC0	16	60	-	120	16
	4WLE 160 750 GF0	16	75	-	150	16
	4WLE 160 1000 GF0	16	100	-	150	16
	4WLE 160 1000 GK0	16	100	-	200	16
	4WLE 200 500 KA0	20	50	-	100	20
	4WLE 200 750 KF0	20	75	-	150	20
	4WLE 200 1000 KK0	20	100	-	200	20
	4WLE 200 1000 KK0	20	100	-	200	20
	4WLE 250 750 PF0	25	75	-	150	25
	4WLE 250 1000 PK0	25	100	-	200	25