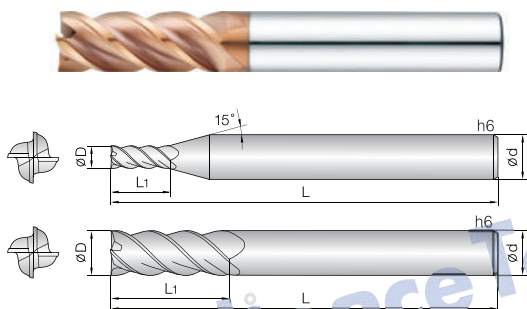


4 Flutes Wide Cut 45° Helix End Mills



4WHE

- 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.
- 45° Helix design for high speed ,feed condition.
- Good surface finish.
- Reinforced edge design for preventing edge chipping.
- Outstanding performance at high speed machining by ultra fine (0.2µm) grade.



Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
4WHE 010 025 650	1	2.5	-	50	6
4WHE 010 035 650	1	3.5	-	50	6
4WHE 010 050 650	1	5	-	50	6
4WHE 012 030 650	1.2	3	-	50	6
4WHE 015 040 650	1.5	4	-	50	6
4WHE 015 060 650	1.5	6	-	50	6
4WHE 015 080 650	1.5	8	-	50	6
4WHE 020 050 650	2	5	-	50	6
4WHE 020 080 650	2	8	-	50	6
4WHE 020 100 650	2	10	-	50	6
4WHE 030 080 650	3	8	-	50	6
4WHE 030 120 650	3	12	-	50	6
4WHE 030 150 650	3	15	-	50	6
4WHE 040 110 650	4	11	-	50	6
4WHE 040 160 650	4	16	-	50	6
4WHE 040 200 660	4	20	-	60	6
4WHE 050 130 650	5	13	-	50	6
4WHE 050 180 660	5	18	-	60	6
4WHE 050 250 660	5	25	-	60	6
4WHE 060 130 650	6	13	-	50	6
4WHE 060 200 660	6	20	-	60	6
4WHE 060 250 660	6	25	-	60	6
4WHE 080 200 860	8	20	-	60	8
4WHE 080 250 875	8	25	-	75	8
4WHE 080 300 875	8	30	-	75	8
4WHE 080 400 8A0	8	40	-	100	8

4 Flutes Wide Cut 45° Helix End Mills



Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
4WHE 100 220 A75	10	22	-	75	10
4WHE 100 300 A75	10	30	-	75	10
4WHE 100 400 AA0	10	40	-	100	10
4WHE 100 500 AA0	10	50	-	100	10
4WHE 120 260 C75	12	26	-	75	12
4WHE 120 400 CA0	12	40	-	100	12
4WHE 120 500 CA0	12	50	-	100	12
4WHE 120 600 CA0	12	60	-	100	12
4WHE 140 300 E75	14	30	-	75	14
4WHE 140 500 EA0	14	50	-	100	14
4WHE 160 350 GA0	16	35	-	100	16
4WHE 160 500 GA0	16	50	-	100	16
4WHE 160 650 GC0	16	65	-	120	16
4WHE 200 400 KA0	20	40	-	100	20
4WHE 200 500 KA0	20	50	-	100	20
4WHE 200 700 KF0	20	70	-	150	20
4WHE 250 800 PF0	25	80	-	150	25