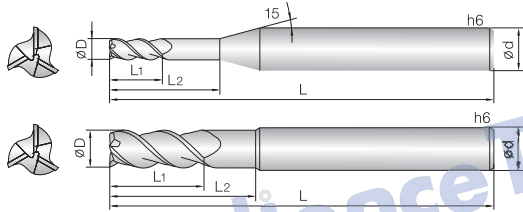


3 Flutes SUS-Cut 45° Helix End Mills



3SEM

- Endmills for Alloy steels, SUS, Ti/Ni base alloys, Inconel and hard-to-cut materials
- S coating provides wear resistance improvement as well as avoid edge stress in various applications.
- Good work surface finish by 3 flute and deep chip pocket.
- 45° Helix design for high speed, feed condition.
- Minimize fracturing at high feed by high TRS fine WC grade.



Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
3SEM 005 010 445	0.5	1	—	45	4
3SEM 005 020 445	0.5	1	2	45	4
3SEM 005 030 445	0.5	1	3	45	4
3SEM 005 040 445	0.5	1	4	45	4
3SEM 006 012 445	0.6	1.2	—	45	4
3SEM 006 030 445	0.6	1.2	3	45	4
3SEM 006 050 445	0.6	1.2	5	45	4
3SEM 007 014 445	0.7	1.4	—	45	4
3SEM 007 030 445	0.7	1.4	3	45	4
3SEM 008 020 445	0.8	2	—	45	4
3SEM 008 040 445	0.8	2	4	45	4
3SEM 008 060 445	0.8	2	6	45	4
3SEM 010 025 445	1	2.5	—	45	4
3SEM 010 025 650	1	2.5	—	50	6
3SEM 010 040 650	1	2.5	4	50	6
3SEM 010 060 650	1	2.5	6	50	6
3SEM 010 080 650	1	2.5	8	50	6
3SEM 012 030 445	1.2	3	—	45	4
3SEM 012 030 650	1.2	3	—	50	6
3SEM 012 060 650	1.2	3	6	50	6
3SEM 012 080 650	1.2	3	8	50	6
3SEM 015 040 445	1.5	4	—	45	4
3SEM 015 040 650	1.5	4	—	50	6
3SEM 015 060 650	1.5	4	6	50	6
3SEM 015 080 650	1.5	4	8	50	6
3SEM 015 100 650	1.5	4	10	50	6

3 Flutes SUS-Cut 45° Helix Rib Ball End Mills



Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
3SEM 020 050 445	2	5	—	45	4
3SEM 020 050 650	2	5	—	50	6
3SEM 020 080 650	2	5	8	50	6
3SEM 020 100 650	2	5	10	50	6
3SEM 020 120 650	2	5	12	50	6
3SEM 025 080 650	2.5	8	—	50	6
3SEM 030 080 445	3	8	—	45	4
3SEM 030 080 650	3	8	—	50	6
3SEM 030 150 650	3	8	15	50	6
3SEM 030 200 660	3	8	20	60	6
3SEM 035 100 650	3.5	10	—	50	6
3SEM 040 100 450	4	10	—	50	4
3SEM 040 100 650	4	10	—	50	6
3SEM 040 150 650	4	10	15	50	6
3SEM 040 200 660	4	10	20	60	6
3SEM 045 120 650	4.5	12	—	50	6
3SEM 050 120 650	5	12	—	50	6
3SEM 060 120 660	6	12	—	60	6
3SEM 060 200 660	6	12	20	60	6
3SEM 080 190 860	8	19	—	60	8
3SEM 080 260 875	8	19	26	75	8
3SEM 100 220 A75	10	22	—	75	10
3SEM 100 320 A75	10	22	32	75	10
3SEM 120 260 C75	12	26	—	75	12
3SEM 120 380 C75	12	26	38	75	12
3SEM 160 360 GA0	16	36	—	100	16
3SEM 160 450 GA0	16	36	45	100	16
3SEM 200 550 KC0	20	38	55	120	20