

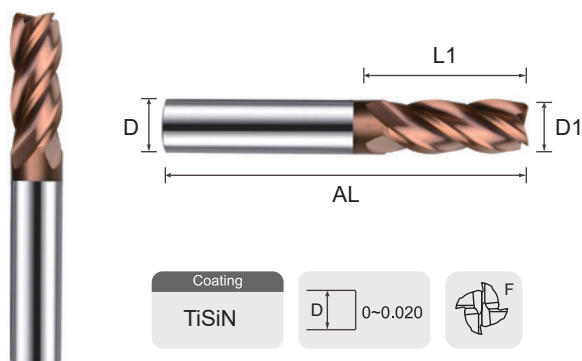
P series P系列

∞ Applicable materials: ≤HRC55, nonferrous alloy, steel, pre hardened steel, quenched and tempered steel, stainless steel and other materials.

∞ 適用切削材質：用于HRC 55以下非铁合金、钢、预硬钢、调质钢、不锈钢等多种材质的高效加工。

∞ Characteristic: Realize finishing from high metal removal to high precision and high surface quality.

∞ 特点：能实现从高金属去除量的精加工到高精度、高表面质量的精加工。

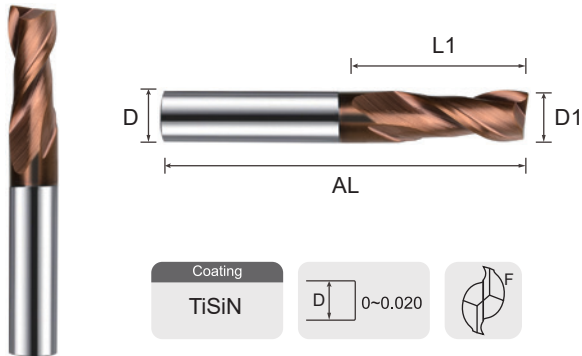


◀ End Mill-4F

立铣刀4刃

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-EM-1-50-4F	1	3	4	50	4	/
P-EM-1-75-4F	1	3	4	75	4	/
P-EM-1-100-4F	1	3	4	100	4	/
P-EM-1.5-50-4F	1.5	4	4	50	4	/
P-EM-1.5-75-4F	1.5	4	4	75	4	/
P-EM-1.5-100-4F	1.5	4	4	100	4	/
P-EM-2-50-4F	2	5	4	50	4	/
P-EM-2-75-4F	2	5	4	75	4	/
P-EM-2-100-4F	2	5	4	100	4	/
P-EM-2.5-50-4F	2.5	7	4	50	4	/
P-EM-3-50A-4F	3	8	3	50	4	/
P-EM-3-75A-4F	3	9	3	75	4	/
P-EM-3-100A-4F	3	12	3	100	4	/
P-EM-3-50B-4F	3	8	4	50	4	/
P-EM-3-75B-4F	3	9	4	75	4	/
P-EM-3-100B-4F	3	12	4	100	4	/
P-EM-3.5-50-4F	3.5	9	4	50	4	/
P-EM-4-50-4F	4	10	4	50	4	/
P-EM-4-75-4F	4	16	4	75	4	/
P-EM-4-100-4F	4	20	4	100	4	/
P-EM-4-150-4F	4	20	4	150	4	/
P-EM-5-50-4F	5	13	5	50	4	/
P-EM-5-75-4F	5	18	5	75	4	/
P-EM-5-100-4F	5	20	5	100	4	/
P-EM-5-150-4F	5	20	5	150	4	/
P-EM-6-50-4F	6	15	6	50	4	/

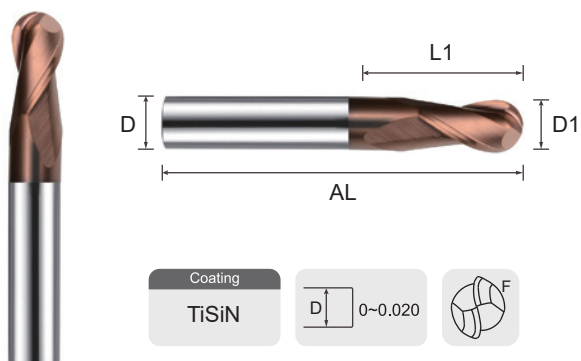
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-EM-6-75-4F	6	24	6	75	4	/
P-EM-6-100-4F	6	30	6	100	4	/
P-EM-6-150-4F	6	45	6	150	4	/
P-EM-6-200-4F	6	45	6	200	4	/
P-EM-8-60-4F	8	20	8	60	4	/
P-EM-8-75-4F	8	25	8	75	4	/
P-EM-8-100-4F	8	35	8	100	4	/
P-EM-8-150-4F	8	50	8	150	4	/
P-EM-8-200-4F	8	50	8	200	4	/
P-EM-10-75-4F	10	25	10	75	4	/
P-EM-10-100-4F	10	40	10	100	4	/
P-EM-10-150-4F	10	55	10	150	4	/
P-EM-10-200-4F	10	55	10	200	4	/
P-EM-10-250-4F	10	55	10	250	4	/
P-EM-12-75-4F	12	30	12	75	4	/
P-EM-12-100-4F	12	45	12	100	4	/
P-EM-12-150-4F	12	55	12	150	4	/
P-EM-12-200-4F	12	55	12	200	4	/
P-EM-12-250-4F	12	55	12	250	4	/
P-EM-14-100-4F	14	45	14	100	4	/
P-EM-14-150-4F	14	60	14	150	4	/
P-EM-14-200-4F	14	60	14	200	4	/
P-EM-16-100-4F	16	45	16	100	4	/
P-EM-16-150-4F	16	70	16	150	4	/
P-EM-16-200-4F	16	70	16	200	4	/
P-EM-16-250-4F	16	70	16	250	4	/
P-EM-18-100-4F	18	45	18	100	4	/
P-EM-18-150-4F	18	70	18	150	4	/
P-EM-18-200-4F	18	70	18	200	4	/
P-EM-20-100-4F	20	45	20	100	4	/
P-EM-20-150-4F	20	70	20	150	4	/
P-EM-20-200-4F	20	70	20	200	4	/
P-EM-20-250-4F	20	70	20	250	4	/
P-EM-22-100-4F	22	45	22	100	4	/
P-EM-25-100-4F	25	45	25	100	4	/



End Mill-2F

立铣刀2刃

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-EM-1-50-2F	1	3	4	50	2	/
P-EM-1-75-2F	1	3	4	75	2	/
P-EM-1.5-50-2F	1.5	4	4	50	2	/
P-EM-1.5-75-2F	1.5	4	4	75	2	/
P-EM-2-20-2F	2	5	4	50	2	/
P-EM-2-75-2F	2	5	4	75	2	/
P-EM-2.5-50-2F	2.5	7	4	50	2	/
P-EM-2.5-75-2F	2.5	7	4	75	2	/
P-EM-3-50A-2F	3	8	3	50	2	/
P-EM-3-100-2F	3	12	3	100	2	/
P-EM-3-50B-2F	3	8	4	50	2	/
P-EM-3-75-2F	3	9	4	75	2	/
P-EM-3.5-50-2F	3.5	9	4	50	2	/
P-EM-3-75-2F	3.5	9	4	75	2	/
P-EM-4-50-2F	4	10	4	50	2	/
P-EM-4-75-2F	4	16	4	75	2	/
P-EM-4-100-2F	4	20	4	100	2	/
P-EM-5-50-2F	5	13	5	50	2	/
P-EM-5-75-2F	5	18	5	75	2	/
P-EM-5-100-2F	5	20	5	100	2	/
P-EM-6-50-2F	6	15	6	50	2	/
P-EM-6-75-2F	6	24	6	75	2	/
P-EM-6-100-2F	6	30	6	100	2	/
P-EM-6-150-2F	6	45	6	150	2	/
P-EM-8-60-2F	8	20	8	60	2	/
P-EM-8-75-2F	8	25	8	75	2	/
P-EM-8-100-2F	8	35	8	100	2	/
P-EM-8-150-2F	8	50	8	150	2	/
P-EM-10-75-2F	10	25	10	75	2	/
P-EM-10-100-2F	10	40	10	100	2	/
P-EM-10-150-2F	10	55	10	150	2	/
P-EM-12-75-2F	12	30	12	75	2	/
P-EM-12-100-2F	12	45	12	100	2	/
P-EM-12-150-2F	12	55	12	150	2	/
P-EM-14-100-2F	14	45	14	100	2	/
P-EM-16-100-2F	16	45	16	100	2	/
P-EM-18-100-2F	18	45	18	100	2	/
P-EM-20-100-2F	20	45	20	100	2	/

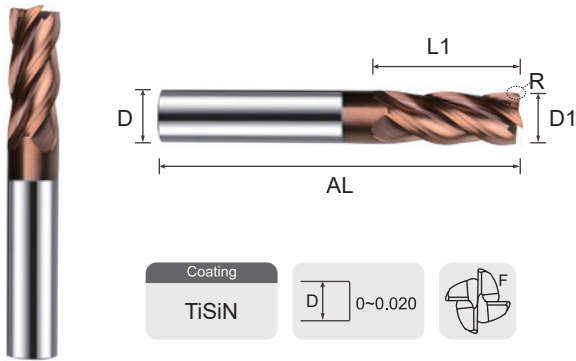


Ball Nose End Mill

球头铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-BN-1R05-50-2F	1	2	4	50	2	R0.5
P-BN-1R05-75-2F	1	2	4	75	2	R0.5
P-BN-1R05-100-2F	1	2	4	100	2	R0.5
P-BN-1.5R075-50-2F	1.5	3	4	50	2	R0.75
P-BN-1.5R075-75-2F	1.5	3	4	75	2	R0.75
P-BN-1.5R075-100-2F	1.5	3	4	100	2	R0.75
P-BN-2R1-50-2F	2	4	4	50	2	R1
P-BN-2R1-75-2F	2	4	4	75	2	R1
P-BN-2R1-100-2F	2	4	4	100	2	R1
P-BN-2.5R125-50-2F	2.5	5	4	50	2	R1.25
P-BN-2.5R125-75-2F	2.5	5	4	75	2	R1.25
P-BN-3R15-50A-2F	3	6	3	50	2	R1.5
P-BN-3R15-75A-2F	3	6	3	75	2	R1.5
P-BN-3R15-100A-2F	3	6	3	100	2	R1.5
P-BN-3R15-50B-2F	3	6	4	50	2	R1.5
P-BN-3R15-75B-2F	3	6	4	75	2	R1.5
P-BN-3R15-100B-2F	3	6	4	100	2	R1.5
P-BN-3.5R175-50-2F	3.5	7	4	50	2	R1.75
P-BN-4R2-50-2F	4	8	4	50	2	R2
P-BN-4R2-75-2F	4	8	4	75	2	R2
P-BN-4R2-100-2F	4	8	4	100	2	R2
P-BN-5R25-50A-2F	5	10	5	50	2	R2.5
P-BN-5R25-75A-2F	5	10	5	75	2	R2.5
P-BN-5R25-100A-2F	5	10	5	100	2	R2.5
P-BN-5R25-50B-2F	5	10	6	50	2	R2.5
P-BN-5R25-75B-2F	5	10	6	75	2	R2.5
P-BN-5R25-100B-2F	5	10	6	100	2	R2.5
P-BN-6R3-50-2F	6	12	6	50	2	R3
P-BN-6R3-75-2F	6	12	6	75	2	R3
P-BN-6R3-100-2F	6	12	6	100	2	R3
P-BN-6R3-150-2F	6	12	6	150	2	R3
P-BN-8R4-60-2F	8	16	8	60	2	R4
P-BN-8R4-75-2F	8	16	8	75	2	R4
P-BN-8R4-100-2F	8	16	8	100	2	R4
P-BN-8R4-150-2F	8	16	8	150	2	R4
P-BN-10R5-75-2F	10	20	10	75	2	R5
P-BN-10R5-100-2F	10	20	10	100	2	R5
P-BN-10R5-150-2F	10	20	10	150	2	R5
P-BN-12R6-75-2F	12	24	12	75	2	R6
P-BN-12R6-100-2F	12	24	12	100	2	R6
P-BN-12R6-150-2F	12	24	12	150	2	R6
P-BN-14R7-100-2F	14	28	14	100	2	R7

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-BN-14R7-150-2F	14	28	14	150	2	R7
P-BN-16R8-100-2F	16	32	16	100	2	R8
P-BN-16R8-150-2F	16	32	16	150	2	R8
P-BN-18R9-100-2F	18	36	18	100	2	R9
P-BN-20R10-100-2F	20	40	20	100	2	R10
P-BN-20R10-150-2F	20	40	20	150	2	R10



◀ Corner Radius End Mill 圆鼻铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-CR-1R02-50-4F	1	3	4	50	4	0.2
P-CR-1.5R02-50-4F	1.5	4	4	50	4	0.2
P-CR-2R02-50-4F	2	5	4	50	4	0.2
P-CR-2.5R02-50-4F	2.5	6	4	50	4	0.2
P-CR-3R02-50A-4F	3	8	3	50	4	0.2
P-CR-3R02-50B-4F	3	8	4	50	4	0.2
P-CR-4R02-50-4F	4	10	4	50	4	0.2
P-CR-4R02-75-4F	4	16	4	75	4	0.2
P-CR-4R02-100-4F	4	20	4	100	4	0.2
P-CR-5R02-50-4F	5	13	5	50	4	0.2
P-CR-6R02-50-4F	6	15	6	50	4	0.2
P-CR-6R02-75-4F	6	20	6	75	4	0.2
P-CR-6R02-100-4F	6	25	6	100	4	0.2
P-CR-8R02-60-4F	8	20	8	60	4	0.2
P-CR-8R02-75-4F	8	25	8	75	4	0.2
P-CR-8R02-100-4F	8	30	8	100	4	0.2
P-CR-10R02-75-4F	10	25	10	75	4	0.2
P-CR-10R02-100-4F	10	30	10	100	4	0.2
P-CR-12R02-75-4F	12	30	12	75	4	0.2
P-CR-1.5R05-50-4F	1.5	4	4	50	4	0.5
P-CR-2R05-50-4F	2	5	4	50	4	0.5
P-CR-2.5R05-50-4F	2.5	6	4	50	4	0.5
P-CR-3R05-50-4F	3	8	4	50	4	0.5
P-CR-3R05-50-4F	3	8	3	50	4	0.5
P-CR-3R05-75-4F	3	9	3	75	4	0.5

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-CR-3R05-100-4F	3	12	3	100	4	0.5
P-CR-3.5R05-50-4F	3.5	9	4	50	4	0.5
P-CR-4R05-50-4F	4	10	4	50	4	0.5
P-CR-4R05-75-4F	4	16	4	75	4	0.5
P-CR-4R05-100-4F	4	20	4	100	4	0.5
P-CR-5R05-50A-4F	5	13	5	50	4	0.5
P-CR-5R05-50B-4F	5	13	6	50	4	0.5
P-CR-6R05-50-4F	6	15	6	50	4	0.5
P-CR-6R05-75-4F	6	20	6	75	4	0.5
P-CR-6R05-100-4F	6	25	6	100	4	0.5
P-CR-6R05-150-4F	6	40	6	150	4	0.5
P-CR-8R05-60-4F	8	20	8	60	4	0.5
P-CR-8R05-75-4F	8	25	8	75	4	0.5
P-CR-8R05-100-4F	8	30	8	100	4	0.5
P-CR-8R05-150-4F	8	45	8	150	4	0.5
P-CR-10R05-75-4F	10	25	10	75	4	0.5
P-CR-10R05-100-4F	10	30	10	100	4	0.5
P-CR-10R05-150-4F	10	50	10	150	4	0.5
P-CR-12R05-75-4F	12	30	12	75	4	0.5
P-CR-12R05-100-4F	12	35	12	100	4	0.5
P-CR-12R05-150-4F	12	55	12	150	4	0.5
P-CR-14R05-100-4F	14	35	14	100	4	0.5
P-CR-16R05-100-4F	16	40	16	100	4	0.5
P-CR-16R05-150-4F	16	65	16	150	4	0.5
P-CR-20R05-100-4F	20	40	20	100	4	0.5
P-CR-20R05-150-4F	20	70	20	150	4	0.5
P-CR-3R1-50-4F	3	8	4	50	4	R1
P-CR-4R1-50-4F	4	10	4	50	4	R1
P-CR-4R1-75-4F	4	16	4	75	4	R1
P-CR-4R1-100-4F	4	20	4	100	4	R1
P-CR-5R1-50A-4F	5	13	5	50	4	R1
P-CR-5R1-75-4F	5	15	5	75	4	R1
P-CR-5R1-50B-4F	5	13	6	50	4	R1
P-CR-6R1-50-4F	6	15	6	50	4	R1
P-CR-6R1-75-4F	6	20	6	75	4	R1
P-CR-6R1-100-4F	6	25	6	100	4	R1
P-CR-6R1-150-4F	6	40	6	150	4	R1
P-CR-8R1-60-4F	8	20	8	60	4	R1
P-CR-8R1-75-4F	8	25	8	75	4	R1
P-CR-8R1-100-4F	8	30	8	100	4	R1
P-CR-8R1-150-4F	8	45	8	150	4	R1
P-CR-10R1-75-4F	10	25	10	75	4	R1
P-CR-10R1-100-4F	10	30	10	100	4	R1
P-CR-10R1-150-4F	10	50	10	150	4	R1
P-CR-12R1-75-4F	12	30	12	75	4	R1
P-CR-12R1-100-4F	12	35	12	100	4	R1
P-CR-12R1-150-4F	12	55	12	150	4	R1
P-CR-14R1-100-4F	14	35	14	100	4	R1
P-CR-16R1-100-4F	16	40	16	100	4	R1
P-CR-16R1-150-4F	16	65	16	150	4	R1
P-CR-20R1-100-4F	20	40	20	100	4	R1
P-CR-20R1-150-4F	20	70	20	150	4	R1
P-CR-6R1.5-50-4F	6	15	6	50	4	R1.5
P-CR-8R1.5-60-4F	8	20	8	60	4	R1.5
P-CR-8R1.5-75-4F	8	25	8	75	4	R1.5
P-CR-10R1.5-75-4F	10	25	10	75	4	R1.5
P-CR-10R1.5-100-4F	10	30	10	100	4	R1.5
P-CR-10R1.5-150-4F	10	50	10	150	4	R1.5
P-CR-12R1.5-75-4F	12	30	12	75	4	R1.5
P-CR-12R1.5-100-4F	12	35	12	100	4	R1.5
P-CR-20R1.5-100-4F	20	40	20	100	4	R1.5

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
P-CR-6R2-50-4F	6	15	6	50	4	R2
P-CR-6R2-75-4F	6	20	6	75	4	R2
P-CR-8R2-60-4F	8	20	8	60	4	R2
P-CR-8R2-75-4F	8	25	8	75	4	R2
P-CR-8R2-100-4F	8	30	8	100	4	R2
P-CR-8R2-150-4F	8	45	8	150	4	R2
P-CR-10R2-75-4F	10	25	10	75	4	R2
P-CR-10R2-100-4F	10	30	10	100	4	R2
P-CR-10R2-150-4F	10	50	10	150	4	R2
P-CR-12R2-75-4F	12	30	12	75	4	R2
P-CR-12R2-100-4F	12	35	12	100	4	R2
P-CR-12R2-150-4F	12	55	12	150	4	R2
P-CR-16R2-100-4F	16	40	16	100	4	R2
P-CR-16R2-150-4F	16	65	16	150	4	R2
P-CR-20R2-100-4F	20	40	20	100	4	R2
P-CR-12R2.5-75-4F	12	30	12	75	4	R2.5
P-CR-12R2.5-100-4F	12	35	12	100	4	R2.5
P-CR-10R3-75-4F	10	25	10	75	4	R3
P-CR-10R3-100-4F	10	30	10	100	4	R3
P-CR-12R3-75-4F	12	30	12	75	4	R3
P-CR-12R3-100-4F	12	35	12	100	4	R3
P-CR-12R3-150-4F	12	55	12	150	4	R3
P-CR-16R3-100-4F	16	40	16	100	4	R3
P-CR-16R3-150-4F	16	65	16	150	4	R3
P-CR-20R3-100-4F	20	40	20	100	4	R3
P-CR-20R3-150-4F	20	70	20	150	4	R3

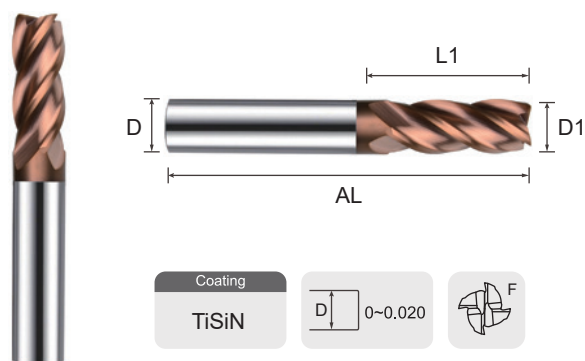
TS series TS系列

∞ Applicable materials: ≤HRC60, pre hardened steel, hardened steel, cast iron, ductile iron, etc.

∞ 適用切削材質：HR60度預硬鋼、淬硬鋼、鑄鐵、球墨鑄鐵等。

∞ Characteristic: The high coating hardness and excellent high-temperature oxidation resistance are more suitable for high hardness materials and high-speed machining fields. Antique copper dot matrix heterogeneous coating, higher coating hardness and excellent high temperature oxidation resistance, more closely combined with the substrate. Special surface post-treatment can effectively reduce friction, discharge chips more smoothly, and the quality of machined surface is better.

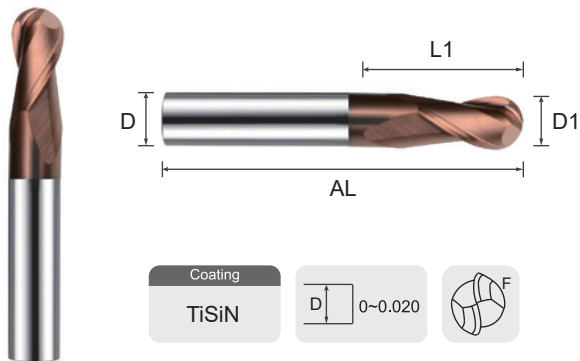
∞ 特点：高的涂层硬度和优良的耐高温氧化性能，更适合高硬度材料和高速加工领域。古铜色点阵异构涂层，更高的涂层硬度和优良的耐高温氧化性能，与基体结合更加紧密。特殊的表面后处理，有效降低摩擦力，排屑更顺畅，加工表面质量更好。



◀ End Mill 立铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
TS-EM-1-50-4F	1	3	4	50	4	/
TS-EM-1.5-50-4F	1.5	4	4	50	4	/
TS-EM-2-50-4F	2	5	4	50	4	/
TS-EM-2.5-50-4F	2.5	7	4	50	4	/
TS-EM-3-50A-4F	3	8	3	50	4	/
TS-EM-3-50B-4F	3	8	4	50	4	/
TS-EM-3-75-4F	3	9	3	75	4	/
TS-EM-3-100-4F	3	12	3	100	4	/
TS-EM-3.5-50-4F	3.5	9	4	50	4	/
TS-EM-4-50-4F	4	10	4	50	4	/
TS-EM-4-75-4F	4	16	4	75	4	/
TS-EM-4-100-4F	4	20	4	100	4	/
TS-EM-5-50A-4F	5	13	5	50	4	/
TS-EM-5-50B-4F	5	13	6	50	4	/
TS-EM-5-75-4F	5	18	5	75	4	/
TS-EM-5-100-4F	5	20	5	100	4	/
TS-EM-6-50-4F	6	15	6	50	4	/
TS-EM-6-75-4F	6	24	6	75	4	/
TS-EM-6-100-4F	6	30	6	100	4	/

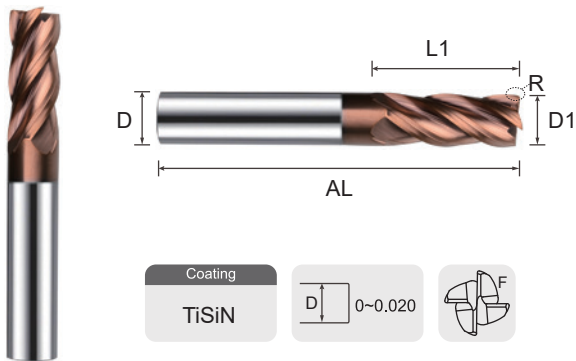
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
TS-EM-8-60-4F	8	20	8	60	4	/
TS-EM-8-75-4F	8	25	8	75	4	/
TS-EM-8-100-4F	8	35	8	100	4	/
TS-EM-8-150-4F	8	50	8	150	4	/
TS-EM-10-75-4F	10	25	10	75	4	/
TS-EM-10-100-4F	10	40	10	100	4	/
TS-EM-10-150-4F	10	55	10	150	4	/
TS-EM-12-75-4F	12	30	12	75	4	/
TS-EM-12-100-4F	12	45	12	100	4	/
TS-EM-12-150-4F	12	55	12	150	4	/
TS-EM-14-100-4F	14	45	14	100	4	/
TS-EM-14-150-4F	14	60	14	150	4	/
TS-EM-16-100-4F	16	45	16	100	4	/
TS-EM-16-150-4F	16	70	16	150	4	/
TS-EM-18-100-4F	18	45	18	100	4	/
TS-EM-20-100-4F	20	45	20	100	4	/
TS-EM-20-150-4F	20	70	20	150	4	/



Ball Nose End Mill 球头铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
TS-BN-1R05-50-2F	1	2	4	50	2	R0.5
TS-BN-1.5R75-50-2F	1.5	3	4	50	2	R0.75
TS-BN-2R1-50-2F	2	4	4	50	2	R1
TS-BN-2.5R115-50-2F	2.5	5	4	50	2	R1.15
TS-BN-3R15-50A-2F	3	6	4	50	2	R1.5
TS-BN-3R15-50B-2F	3	6	3	50	2	R1.5
TS-BN-3R15-75-2F	3	6	3	75	2	R1.5
TS-BN-3R15-100-2F	3	6	3	100	2	R1.5
TS-BN-4R2-50-2F	4	8	4	50	2	R2
TS-BN-4R2-75-2F	4	8	4	75	2	R2
TS-BN-4R2-100-2F	4	8	4	100	2	R2
TS-BN-5R25-50A-2F	5	10	5	50	2	R2.5
TS-BN-5R25-75A-2F	5	10	5	75	2	R2.5
TS-BN-5R25-100A-2F	5	10	5	100	2	R2.5

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
TS-BN-5R25-50B-2F	5	10	6	50	2	R2.5
TS-BN-5R25-75B-2F	5	10	6	75	2	R2.5
TS-BN-5R25-100B-2F	5	10	6	100	2	R2.5
TS-BN-6R3-50-2F	6	12	6	50	2	R3
TS-BN-6R3-75-2F	6	12	6	75	2	R3
TS-BN-6R3-100-2F	6	12	6	100	2	R3
TS-BN-8R4-60-2F	8	16	8	60	2	R4
TS-BN-8R4-75-2F	8	16	8	75	2	R4
TS-BN-8R4-100-2F	8	16	8	100	2	R4
TS-BN-10R5-75-2F	10	20	10	75	2	R5
TS-BN-10R5-100-2F	10	20	10	100	2	R5
TS-BN-10R5-150-2F	10	20	10	150	2	R5
TS-BN-12R6-75-2F	12	24	12	75	2	R6
TS-BN-12R6-100-2F	12	24	12	100	2	R6
TS-BN-16R8-100-2F	16	32	16	100	2	R8
TS-BN-16R8-150-2F	16	32	16	150	2	R8
TS-BN-20R10-100-2F	20	40	20	100	2	R10



◀ Corner Radius End Mill 圆鼻铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
TS-CR-1R02-50-4F	1	3	4	50	4	0.2
TS-CR-1.5R02-50-4F	1.5	4	4	50	4	0.2
TS-CR-2R02-50-4F	2	5	4	50	4	0.2
TS-CR-2.5R02-50-4F	2.5	6	4	50	4	0.2
TS-CR-3R02-50A-4F	3	8	3	50	4	0.2
TS-CR-3R02-50B-4F	3	8	4	50	4	0.2
TS-CR-3R02-75-4F	3	9	4	75	4	0.2
TS-CR-4R02-50-4F	4	10	4	50	4	0.2
TS-CR-6R02-50-4F	6	15	4	50	4	0.2
TS-CR-6R02-75-4F	6	20	4	75	4	0.2
TS-CR-8R02-60-4F	8	20	4	60	4	0.2
TS-CR-1.5R05-50-4F	1.5	4	4	50	4	0.5
TS-CR-2R05-50-4F	2	5	4	50	4	0.5
TS-CR-2.5R05-50-4F	2.5	6	4	50	4	0.5

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
TS-CR-3R05-50A-4F	3	8	4	50	4	0.5
TS-CR-3R05-50B-4F	3	8	3	50	4	0.5
TS-CR-4R05-50-4F	4	10	4	50	4	0.5
TS-CR-4R05-75-4F	4	16	4	75	4	0.5
TS-CR-4R05-100-4F	4	20	4	100	4	0.5
TS-CR-6R05-50-4F	6	15	6	50	4	0.5
TS-CR-6R05-75-4F	6	20	6	75	4	0.5
TS-CR-6R05-100-4F	6	25	6	100	4	0.5
TS-CR-8R05-60-4F	8	20	8	60	4	0.5
TS-CR-8R05-75-4F	8	25	8	75	4	0.5
TS-CR-8R05-100-4F	8	30	8	100	4	0.5
TS-CR-10R05-75-4F	10	25	10	75	4	0.5
TS-CR-10R05-100-4F	10	30	10	100	4	0.5
TS-CR-12R05-75-4F	12	30	12	75	4	0.5
TS-CR-12R05-100-4F	12	35	12	100	4	0.5
TS-CR-4R1-50-4F	4	10	4	50	4	R1
TS-CR-4R1-100-4F	4	20	4	100	4	R1
TS-CR-6R1-50-4F	6	15	6	50	4	R1
TS-CR-6R1-75-4F	6	20	6	75	4	R1
TS-CR-6R1-100-4F	6	25	6	100	4	R1
TS-CR-8R1-60-4F	8	20	8	60	4	R1
TS-CR-8R1-75-4F	8	25	8	75	4	R1
TS-CR-8R1-100-4F	8	30	8	100	4	R1
TS-CR-10R1-75-4F	10	25	10	75	4	R1
TS-CR-10R1-100-4F	10	30	10	100	4	R1
TS-CR-10R1-150-4F	10	50	10	150	4	R1
TS-CR-12R1-75-4F	12	30	12	75	4	R1
TS-CR-12R1-100-4F	12	35	12	100	4	R1

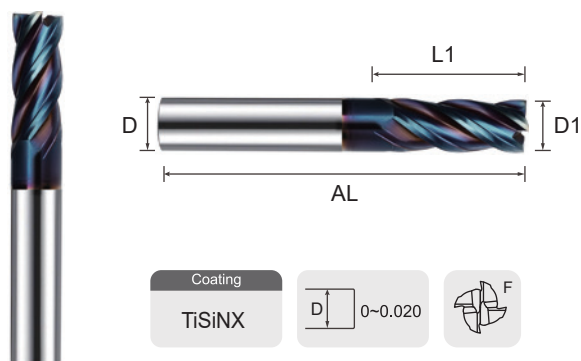
H series H系列

∞ Applicable materials: ≤HRC65, pre hardened steel, hardened steel, cast iron, ductile iron, etc.

∞ 適用切削材質: HR65度預硬鋼、淬硬鋼、鑄鐵、球墨鑄鐵等。

∞ Characteristic: The high coating hardness and excellent high-temperature oxidation resistance are more suitable for high hardness materials and high-speed machining fields. Special surface post-treatment can effectively reduce friction, discharge chips more smoothly, and the quality of machined surface is better.

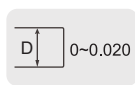
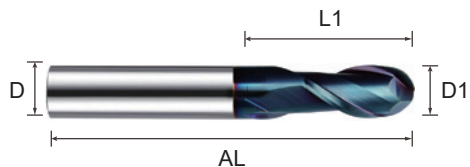
∞ 特点: 高的涂层硬度和优良的耐高温氧化性能, 更适合高硬度材料和高速加工领域。特殊的表面后处理, 有效降低摩擦力, 排屑更顺畅, 加工表面质量更好。



◀ End Mill 立铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
H-EM-1-50-4F	1	3	4	50	4	/
H-EM-1.5-50-4F	1.5	4	4	50	4	/
H-EM-2-50-4F	2	5	4	50	4	/
H-EM-2.5-50-4F	2.5	7	4	50	4	/
H-EM-3-50A-4F	3	8	4	50	4	/
H-EM-3-50B-4F	3	8	3	50	4	/
H-EM-3-100-4F	3	12	4	100	4	/
H-EM-3.5-50-4F	3.5	9	4	50	4	/
H-EM-4-50-4F	4	10	4	50	4	/
H-EM-4-75-4F	4	16	4	75	4	/
H-EM-4-100-4F	4	20	4	100	4	/
H-EM-5-50-4F	5	13	5	50	4	/
H-EM-5-75-4F	5	18	5	75	4	/
H-EM-5-100-4F	5	20	5	100	4	/
H-EM-5-50-4F	5	13	6	50	4	/
H-EM-5-75-4F	5	18	6	75	4	/
H-EM-6-50-4F	6	15	6	50	4	/
H-EM-6-75-4F	6	24	6	75	4	/
H-EM-6-100-4F	6	30	6	100	4	/

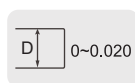
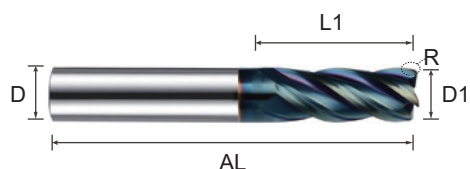
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
H-EM-8-60-4F	8	20	8	60	4	/
H-EM-8-75-4F	8	25	8	75	4	/
H-EM-8-100-4F	8	35	8	100	4	/
H-EM-8-150-4F	8	50	8	150	4	/
H-EM-10-75-4F	10	25	10	75	4	/
H-EM-10-100-4F	10	40	10	100	4	/
H-EM-10-150-4F	10	55	10	150	4	/
H-EM-12-75-4F	12	30	12	75	4	/
H-EM-12-100-4F	12	45	12	100	4	/
H-EM-12-150-4F	12	55	12	150	4	/
H-EM-14-150-4F	14	60	14	150	4	/
H-EM-16-100-4F	16	45	16	100	4	/
H-EM-16-150-4F	16	70	16	150	4	/
H-EM-18-100-4F	18	45	18	100	4	/
H-EM-18-100-4F	18	45	18	100	4	/
H-EM-20-100-4F	20	45	20	100	4	/
H-EM-20-150-4F	20	70	20	150	4	/



Ball Nose End Mill 球头铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
H-BN-1R05-50-2F	0.5	2	4	50	2	R0.5
H-BN-15R075-50-2F	0.75	3	4	50	2	R0.75
H-BN-2R1-50-2F	1	4	4	50	2	R1
H-BN-25R115-50-2F	1.25	5	4	50	2	R1.25
H-BN-3R15-50A-2F	1.5	6	4	50	2	R1.5
H-BN-3R15-50B-2F	1.5	6	3	50	2	R1.5
H-BN-35R175-50-2F	1.75	7	4	50	2	R1.75
H-BN-4R2-50-2F	2	8	4	50	2	R2
H-BN-4R2-75-2F	2	8	4	75	2	R2
H-BN-4R2-100-2F	2	8	4	100	2	R2
H-BN-5R25-50A-2F	2.5	10	5	50	2	R2.5
H-BN-5R25-100-2F	2.5	10	5	100	2	R2.5
H-BN-5R25-50B-2F	2.5	10	6	50	2	R2.5

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
H-BN-6R3-50-2F	3	12	6	50	2	R3
H-BN-6R3-75-2F	3	12	6	75	2	R3
H-BN-6R3-100-2F	3	12	6	100	2	R3
H-BN-8R4-60-2F	4	16	8	60	2	R4
H-BN-8R4-75-2F	4	16	8	75	2	R4
H-BN-8R4-100-2F	4	16	8	100	2	R4
H-BN-10R5-75-2F	5	20	10	75	2	R5
H-BN-10R5-100-2F	5	20	10	100	2	R5
H-BN-10R5-150-2F	5	20	10	150	2	R5
H-BN-12R6-75-2F	6	24	12	75	2	R6
H-BN-12R6-100-2F	6	24	12	100	2	R6
H-BN-16R8-100-2F	8	32	16	100	2	R8



◀ Corner Radius End Mill 圆鼻铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
H-CR-1R02-50-4F	1	3	4	50	4	R0.2
H-CR-15R02-50-4F	1.5	4	4	50	4	R0.2
H-CR-2R02-50-4F	2	5	4	50	4	R0.2
H-CR-3R02-50-4F	3	8	4	50	4	R0.2
H-CR-4R02-50-4F	4	10	4	50	4	R0.2
H-CR-4R02-75-4F	4	16	4	75	4	R0.2
H-CR-6R02-50-4F	6	15	6	50	4	R0.2
H-CR-6R02-75-4F	6	20	6	75	4	R0.2
H-CR-8R02-60-4F	8	20	8	60	4	R0.2
H-CR-8R02-75-4F	8	25	8	75	4	R0.2
H-CR-2R05-50-4F	2	5	4	50	4	R0.5
H-CR-3R05-50-4F	3	8	4	50	4	R0.5
H-CR-3R05-50-4F	3	8	3	50	4	R0.5
H-CR-4R05-50-4F	4	10	4	50	4	R0.5
H-CR-4R05-75-4F	4	16	4	75	4	R0.5
H-CR-4R05-100-4F	4	20	4	100	4	R0.5
H-CR-5R05-50-4F	5	13	6	50	4	R0.5

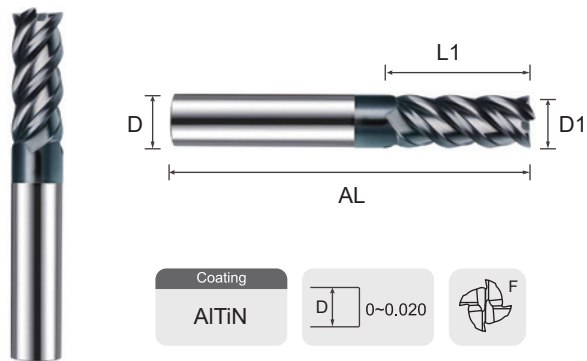
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
H-CR-6R05-50-4F	6	15	6	50	4	R0.5
H-CR-6R05-75-4F	6	20	6	75	4	R0.5
H-CR-6R05-100-4F	6	25	6	100	4	R0.5
H-CR-8R05-60-4F	8	20	8	60	4	R0.5
H-CR-8R05-75-4F	8	25	8	75	4	R0.5
H-CR-8R05-100-4F	8	30	8	100	4	R0.5
H-CR-10R05-75-4F	10	25	10	75	4	R0.5
H-CR-12R05-75-4F	12	30	12	75	4	R0.5
H-CR-12R05-100-4F	12	35	12	100	4	R0.5
H-CR-4RR1-50-4F	4	10	4	50	4	R1
H-CR-6RR1-50-4F	6	15	6	50	4	R1
H-CR-6RR1-75-4F	6	20	6	75	4	R1
H-CR-6RR1-100-4F	6	25	6	100	4	R1
H-CR-8RR1-60-4F	8	20	8	60	4	R1
H-CR-8RR1-75-4F	8	25	8	75	4	R1
H-CR-10RR1-75-4F	10	25	10	75	4	R1
H-CR-10RR1-100-4F	10	30	10	100	4	R1
H-CR-12RR1-100-4F	12	30	12	100	4	R1

FH series FH系列

∞ The FH series is suitable for machining pre-hardened steel, hardened steel, cast iron, ductile iron, and other materials with a hardness of $\leq$ HRC 60.

The AlTiN coating is highly resistant to high temperatures and oxidation, offering a combination of high hardness and low cutting resistance, providing high-performance capabilities.

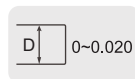
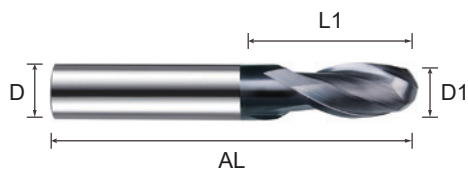
∞ FH系列适合加工 $\leq$ HRC60度预硬钢、淬硬钢、铸铁、球墨铸铁等材料。AlTiN涂层耐高温、耐氧化、兼具高硬度和低切削阻力高性能涂层。



◀ End Mill 立铣刀

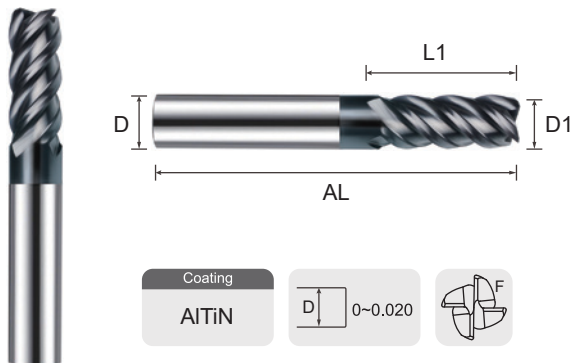
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FH-EM-1-50-4F	1	3	4	50	4	/
FH-EM-1.5-50-4F	1.5	4	4	50	4	/
FH-EM-2-50-4F	2	5	4	50	4	/
FH-EM-2.5-50-4F	2.5	7	4	50	4	/
FH-EM-3-50A-4F	3	8	4	50	4	/
FH-EM-3-50B-4F	3	8	3	50	4	/
FH-EM-3-75-4F	3	9	3	75	4	/
FH-EM-4-50-4F	4	10	4	50	4	/
FH-EM-4-75-4F	4	16	4	75	4	/
FH-EM-4-100-4F	4	20	4	100	4	/
FH-EM-5-50A-4F	5	13	5	50	4	/
FH-EM-5-75-4F	5	18	5	75	4	/
FH-EM-5-50B-4F	5	13	6	50	4	/
FH-EM-6-50-4F	6	15	6	50	4	/
FH-EM-6-75-4F	6	24	6	75	4	/
FH-EM-6-100-4F	6	30	6	100	4	/
FH-EM-8-60-4F	8	20	8	60	4	/
FH-EM-8-75-4F	8	25	8	75	4	/
FH-EM-8-100-4F	8	35	8	100	4	/
FH-EM-8-150-4F	8	50	8	150	4	/

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FH-EM-10-75-4F	10	25	10	75	4	/
FH-EM-10-100-4F	10	40	10	100	4	/
FH-EM-12-75-4F	12	30	12	75	4	/
FH-EM-12-100-4F	12	45	12	100	4	/
FH-EM-12-150-4F	12	55	12	150	4	/
FH-EM-14-100-4F	14	45	14	100	4	/
FH-EM-14-150-4F	14	60	14	150	4	/
FH-EM-16-100-4F	16	45	16	100	4	/
FH-EM-16-150-4F	16	70	16	150	4	/



Ball Nose End Mill 球头铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FH-BN-1R05-50-2F	1	2	4	50	2	R0.5
FH-BN-15R075-50-2F	1.5	3	4	50	2	R0.75
FH-BN-2R1-50-2F	2	4	4	50	2	R1
FH-BN-3R15-50A-2F	3	6	3	50	2	R1.5
FH-BN-3R15-50B-2F	3	6	4	50	2	R1.5
FH-BN-4R2-50-2F	4	8	4	50	2	R2
FH-BN-4R2-75-2F	4	8	4	75	2	R2
FH-BN-4R2-100-2F	4	8	4	100	2	R2
FH-BN-5R25-50-2F	5	10	6	50	2	R2.5
FH-BN-6R3-50-2F	6	12	6	50	2	R3
FH-BN-6R3-75-2F	6	12	6	75	2	R3
FH-BN-6R3-100-2F	6	12	6	100	2	R3
FH-BN-8R4-60-2F	8	16	8	60	2	R4
FH-BN-8R4-75-2F	8	16	8	75	2	R4
FH-BN-8R4-100-2F	8	16	8	100	2	R4
FH-BN-10R5-75-2F	10	20	10	75	2	R5
FH-BN-10R5-100-2F	10	20	10	100	2	R5
FH-BN-12R6-75-2F	12	24	12	75	2	R6
FH-BN-12R6-100-2F	12	24	12	100	2	R6



◀ Corner Radius End Mill 圆鼻铣刀

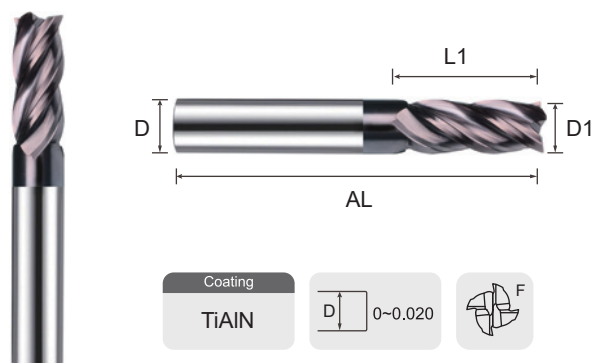
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FH-CR-1R02-50-4F	1	3	4	50	4	0.2
FH-CR-15R02-50-4F	1.5	4	4	50	4	0.2
FH-CR-2R02-50-4F	2	5	4	50	4	0.2
FH-CR-3R02-50-4F	3	8	4	50	4	0.2
FH-CR-4R02-50-4F	4	10	4	50	4	0.2
FH-CR-6R02-50-4F	6	15	6	50	4	0.2
FH-CR-2R05-50-4F	2	5	4	50	4	0.5
FH-CR-3R05-50-4F	3	8	4	50	4	0.5
FH-CR-4R05-50-4F	4	10	4	50	4	0.5
FH-CR-6R05-50-4F	6	15	6	50	4	0.5
FH-CR-6R05-75-4F	6	20	6	75	4	0.5
FH-CR-6R05-100-4F	6	25	6	100	4	0.5
FH-CR-8R05-60-4F	8	20	8	60	4	0.5
FH-CR-8R05-75-4F	8	25	8	75	4	0.5
FH-CR-8R05-100-4F	8	30	8	100	4	0.5
FH-CR-10R05-75-4F	10	25	10	75	4	0.5
FH-CR-10R05-100-4F	10	30	10	100	4	0.5
FH-CR-12R05-75-4F	12	30	12	75	4	0.5
FH-CR-12R05-100-4F	12	35	12	100	4	0.5

FM series FM系列

∞ The FM series is suitable for machining carbon steel, alloy steel, cast iron, stainless steel, and other materials with a hardness of $\leq$ HRC 50.

The TiAlN coating is highly resistant to high temperatures and wear, offering a combination of hardness and toughness for versatile performance.

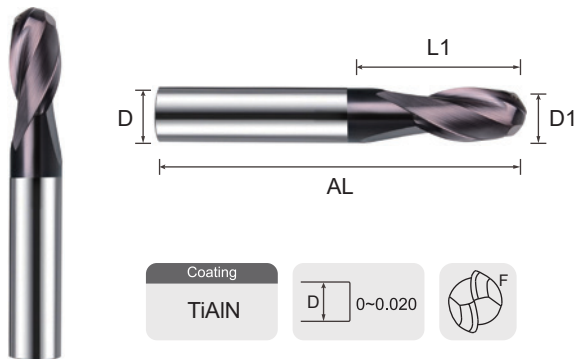
∞ FM系列适合加工 $\leq$ HRC50度碳钢、合金钢、铸铁、不锈钢等材料。TiAlN涂层耐高温、耐磨损、兼具硬度与韧性的通用性涂层。



◀ End Mill 立铣刀

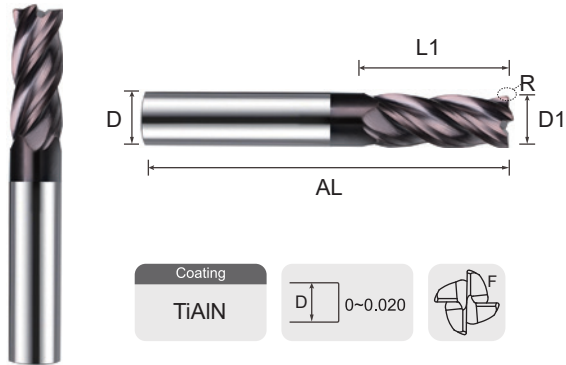
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FM-EM-1-50-4F	1	3	4	50	4	/
FM-EM-1.5-50-4F	1.5	4	4	50	4	/
FM-EM-2-50-4F	2	5	4	50	4	/
FM-EM-2.5-50-4F	2.5	7	4	50	4	/
FM-EM-3-50-4F	3	8	3	50	4	/
FM-EM-3-50-4F	3	8	4	50	4	/
FM-EM-3.5-50-4F	3.5	9	4	50	4	/
FM-EM-4-50-4F	4	10	4	50	4	/
FM-EM-4-75-4F	4	16	4	75	4	/
FM-EM-4-100-4F	4	20	4	100	4	/
FM-EM-5-50-4F	5	13	5	50	4	/
FM-EM-5-50-4F	5	13	6	50	4	/
FM-EM-6-50-4F	6	15	6	50	4	/
FM-EM-6-75-4F	6	24	6	75	4	/
FM-EM-6-100-4F	6	30	6	100	4	/
FM-EM-8-60-4F	8	20	8	60	4	/
FM-EM-8-75-4F	8	25	8	75	4	/
FM-EM-8-100-4F	8	35	8	100	4	/
FM-EM-10-75-4F	10	25	10	75	4	/
FM-EM-10-100-4F	10	40	10	100	4	/

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FM-EM-10-150-4F	10	55	10	150	4	/
FM-EM-12-75-4F	12	30	12	75	4	/
FM-EM-12-100-4F	12	45	12	100	4	/
FM-EM-12-150-4F	12	55	12	150	4	/
FM-EM-14-100-4F	14	45	14	100	4	/
FM-EM-14-150-4F	14	60	14	150	4	/
FM-EM-16-100-4F	16	45	16	100	4	/
FM-EM-16-150-4F	16	70	16	150	4	/
FM-EM-18-100-4F	18	45	18	100	4	/
FM-EM-20-100-4F	20	45	20	100	4	/



Ball Nose End Mill
球头铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FM-BN-1R0.5-50-2F	1	2	4	50	2	R0.5
FM-BN-1.5R0.75-50-2F	1.5	3	4	50	2	R0.75
FM-BN-2R1-50-2F	2	4	4	50	2	R1
FM-BN-3R1.5-50A-2F	3	6	3	50	2	R1.5
FM-BN-3R1.5-50B-2F	3	6	4	50	2	R1.5
FM-BN-4R2-50-2F	4	8	4	50	2	R2
FM-BN-4R2-75-2F	4	8	4	75	2	R2
FM-BN-4R2-100-2F	4	8	4	100	2	R2
FM-BN-5R2.5-50A-2F	5	10	5	50	2	R2.5
FM-BN-5R2.5-50B-2F	5	10	6	50	2	R2.5
FM-BN-6R3-50-2F	6	12	6	50	2	R3
FM-BN-6R3-75-2F	6	12	6	75	2	R3
FM-BN-6R3-100-2F	6	12	6	100	2	R3
FM-BN-8R4-60-2F	8	16	8	60	2	R4
FM-BN-8R4-75-2F	8	16	8	75	2	R4
FM-BN-8R4-100-2F	8	16	8	100	2	R4
FM-BN-10R5-75-2F	10	20	10	75	2	R5
FM-BN-10R5-100-2F	10	20	10	100	2	R5
FM-BN-10R5-200-2F	10	20	10	200	2	R5
FM-BN-12R6-75-2F	12	24	12	75	2	R6
FM-BN-12R6-100-2F	12	24	12	100	2	R6
FM-BN-12R6-150-2F	12	24	12	150	2	R6



Corner Radius End Mill

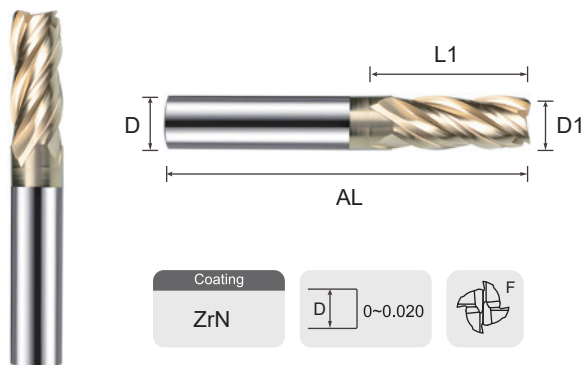
圆鼻铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FM-CR-1R02-50-4F	1	3	4	50	4	R0.2
FM-CR-15R02-50-4F	1.5	4	4	50	4	R0.2
FM-CR-2R02-50-4F	2	5	4	50	4	R0.2
FM-CR-25R02-50-4F	2.5	6	4	50	4	R0.2
FM-CR-3R02-50-4F	3	8	4	50	4	R0.2
FM-CR-4R02-50-4F	4	10	4	50	4	R0.2
FM-CR-6R02-50-4F	6	15	6	50	4	R0.2
FM-CR-2R05-50-4F	2	5	4	50	4	R0.5
FM-CR-3R05-50A-4F	3	8	4	50	4	R0.5
FM-CR-3R05-50B-4F	3	8	3	50	4	R0.5
FM-CR-4R05-50-4F	4	10	4	50	4	R0.5
FM-CR-4R05-75-4F	4	16	4	75	4	R0.5
FM-CR-4R05-100-4F	4	20	4	100	4	R0.5
FM-CR-6R05-50-4F	6	15	6	50	4	R0.5
FM-CR-6R05-75-4F	6	20	6	75	4	R0.5
FM-CR-6R05-100-4F	6	25	6	100	4	R0.5
FM-CR-8R05-60-4F	8	20	8	60	4	R0.5
FM-CR-8R05-75-4F	8	25	8	75	4	R0.5
FM-CR-8R05-100-4F	8	30	8	100	4	R0.5
FM-CR-10R05-75-4F	10	25	10	75	4	R0.5
FM-CR-10R05-100-4F	10	30	10	100	4	R0.5
FM-CR-10R05-150-4F	10	50	10	150	4	R0.5
FM-CR-12R05-75-4F	12	30	12	75	4	R0.5
FM-CR-12R05-100-4F	12	35	12	100	4	R0.5
FM-CR-2R05-150-4F	2	55	12	150	4	R0.5
FM-CR-14R05-100-4F	14	35	14	100	4	R0.5

FGT series FGT系列

∞ The FGT series is suitable for stainless steel (both rough and finish machining), titanium alloys, Kovar alloys, and materials with a hardness of ≤ 45 HRC. It excels particularly in rough machining. The unequal division design enhances tool stability and anti-vibration effects during high-speed machining. The low-friction nano-composite coating effectively reduces adhesion issues when machining stainless steel.

∞ FGT系列适合不锈钢(精粗一体), 钛合金, 可伐合金, $\leq 45^\circ$ 钢料加工等, 特别是在粗加工优势明显。不等分设计在高速加工中刀具更好的保持稳定性及抗震效果。涂层采用低摩擦力纳米复合涂层有效改善不锈钢加工中粘削问题。



◀ End Mill 立铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FGT-1-50-4F	1	3	4	50	4	/
FGT-1.5-50-4F	1.5	4	4	50	4	/
FGT-2-50-4F	2	5	4	50	4	/
FGT-2.5-50-4F	2.5	7	4	50	4	/
FGT-3-50A-4F	3	8	4	50	4	/
FGT-3-50B-4F	3	8	3	50	4	/
FGT-4-50-4F	4	10	4	50	4	/
FGT-4-75-4F	4	16	4	75	4	/
FGT-4-100-4F	4	20	4	100	4	/
FGT-5-50A-4F	5	13	5	50	4	/
FGT-5-50B-4F	5	13	6	50	4	/
FGT-6-50-4F	6	15	6	50	4	/
FGT-6-75-4F	6	24	6	75	4	/
FGT-6-100-4F	6	30	6	100	4	/
FGT-8-60-4F	8	20	8	60	4	/
FGT-8-75-4F	8	25	8	75	4	/
FGT-8-100-4F	8	35	8	100	4	/
FGT-10-75-4F	10	25	10	75	4	/
FGT-10-100-4F	10	40	10	100	4	/
FGT-12-75-4F	12	30	12	75	4	/
FGT-12-100-4F	12	45	12	100	4	/
FGT-16-100-4F	16	45	16	100	4	/

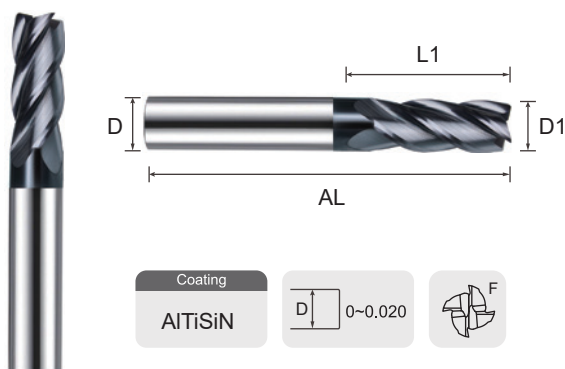
FSUS series FSUS系列

∞ Applicable materials: stainless steel SUS303, SUS304, SUS316L, etc. (<280HB).

∞ 適用切削材質：適用加工不銹鋼 SUS303、SUS304、SUS316L 等 (<280HB) 的通用加工。

∞ Characteristic: The high coating hardness and excellent high-temperature oxidation resistance are more suitable for high hardness materials and high-speed machining fields. Special surface post-treatment can effectively reduce friction, discharge chips more smoothly, and the quality of machined surface is better.

∞ 特点：高的涂层硬度和优良的耐高温氧化性能，更适合高硬度材料 and 高速加工领域。特殊的表面后处理，有效降低摩擦力，排屑更顺畅，加工表面质量更好。



◀ End Mill 立铣刀

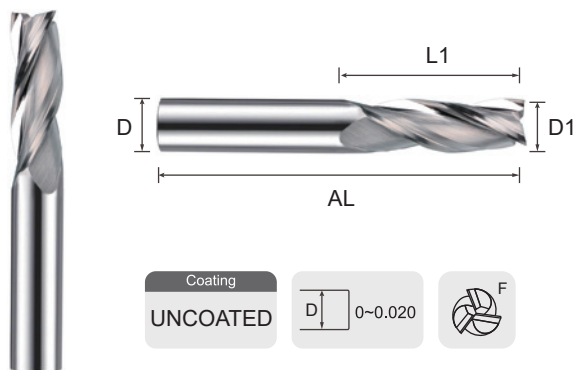
Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FSUS-1-50-4F	1	3	4	50	4	/
FSUS-1.5-50-4F	1.5	4	4	50	4	/
FSUS-2-50-4F	2	5	4	50	4	/
FSUS-2.5-50-4F	2.5	7	4	50	4	/
FSUS-3-50A-4F	3	8	3	50	4	/
FSUS-3-50B-4F	3	8	4	50	4	/
FSUS-3.5-50-4F	3.5	9	4	50	4	/
FSUS-4-50-4F	4	10	4	50	4	/
FSUS-5-50A-4F	5	13	5	50	4	/
FSUS-5-50B-4F	5	13	6	50	4	/
FSUS-6-50-4F	6	15	6	50	4	/
FSUS-6-75-4F	6	24	6	75	4	/
FSUS-8-60-4F	8	20	8	60	4	/
FSUS-8-75-4F	8	25	8	75	4	/
FSUS-8-100-4F	8	35	8	100	4	/
FSUS-10-75-4F	10	25	10	75	4	/
FSUS-10-100-4F	10	40	10	100	4	/
FSUS-12-75-4F	12	30	12	75	4	/
FSUS-12-100-4F	12	45	12	100	4	/
FSUS-20-100-4F	20	45	20	100	4	/

FL series FL系列

∞ The FL series is suitable for machining aluminum, copper, and fiberglass materials.

The unequal division design and polished rake face ensure high surface finish and smoother chip evacuation.

∞ FL系列适合加工铝，铜及玻璃纤维等材料。不等分设计和前刀面抛光处理使工件表面光洁度高，排削更顺畅。



◀ End Mill 立铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FL-1-50-3F	1	3	4	50	3	/
FL-1.5-50-3F	1.5	5	4	50	3	/
FL-2-50-3F	2	6	4	50	3	/
FL-2.5-50-3F	2.5	7	4	50	3	/
FL-3-50-3F	3	9	4	50	3	/
FL-3-50-3F	3	9	3	50	3	/
FL-3-75-3F	3	12	4	75	3	/
FL-3.5-50-3F	3.5	11	4	50	3	/
FL-4-50-3F	4	12	4	50	3	/
FL-4-75-3F	4	16	4	75	3	/
FL-4-100-3F	4	20	4	100	3	/
FL-5-50A-3F	5	15	5	50	3	/
FL-5-50B-3F	5	15	6	50	3	/
FL-6-50-3F	6	18	6	50	3	/
FL-6-75-3F	6	25	6	75	3	/
FL-6-100-3F	6	30	6	100	3	/
FL-8-60-3F	8	24	8	60	3	/
FL-8-75-3F	8	30	8	75	3	/
FL-8-100-3F	8	35	8	100	3	/
FL-10-75-3F	10	30	10	75	3	/
FL-10-100-3F	10	40	10	100	3	/
FL-12-75-3F	12	36	12	75	3	/
FL-12-100-3F	12	45	12	100	3	/
FL-14-100-3F	14	45	14	100	3	/
FL-16-100-3F	16	45	16	100	3	/

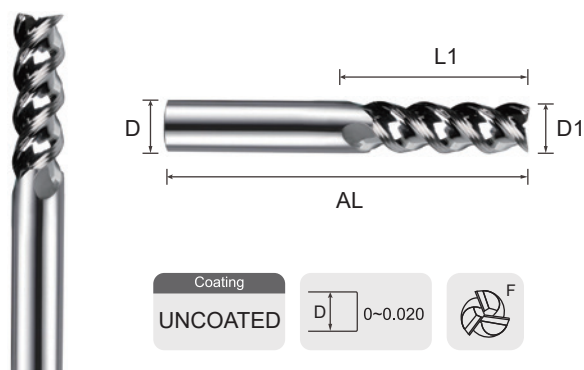
FU-UC series FU-UC 系列

∞ Applicable materials: aluminum alloy AL5052, AL6063, AL6061, AL7075, etc; General processing of aluminum alloy ($Si \leq 12\%$) and copper alloy ($<200HB$).

∞ 適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（ $Si \leq 12\%$ ）以及銅合金（ $<200HB$ ）的通用加工。

∞ Characteristic: The special cutting edge design effectively prevents vibration and solves the problem of chip sticking on the cutting edge; Water cooling is the best cooling method.

∞ 特点：特殊的刃口设计有效防止震动以及解决刀具刃口粘屑问题；水冷为最佳冷却方式。



◀ End Mill 立铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FU-UC-2-50-3F	2	6	4	50	3	/
FU-UC-3-50A-3F	3	9	4	50	3	/
FU-UC-3-50B-3F	4	12	4	50	3	/
FU-UC-5-50-3F	5	15	6	50	3	/
FU-UC-6-50-3F	6	18	6	50	3	/
FU-UC-8-60-3F	8	24	8	60	3	/
FU-UC-10-75-3F	10	30	10	75	3	/
FU-UC-12-75-3F	12	36	12	75	3	/

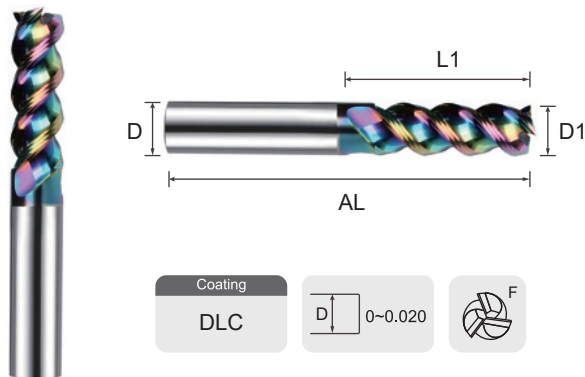
FU-C series FU-C 系列

∞ Applicable materials: aluminum alloy AL5052, AL6063, AL6061, AL7075, etc; General processing of aluminum alloy ($Si \leq 12\%$) and copper alloy ($< 200HB$).

∞ 適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（ $Si \leq 12\%$ ）以及銅合金（ $< 200HB$ ）的通用加工。

∞ Characteristic: The special cutting edge design effectively prevents vibration and solves the problem of chip sticking on the cutting edge; Water cooling is the best cooling method.

∞ 特点：特殊的刃口设计有效防止震動以及解決刀具刃口粘屑問題；水冷為最佳冷卻方式。



◀ End Mill 立铣刀

Order NO.	D1(刃径)	L1(刃长)	D(柄径)	AL(全长)	F(刃数)	R(R角)
FU-C-1-50-3F	1	3	4	50	3	/
FU-C-2-50-3F	2	6	4	50	3	/
FU-C-3-50A-3F	3	9	3	50	3	/
FU-C-3-50B-3F	3	9	4	50	3	/
FU-C-4-50-3F	4	12	4	50	3	/
FU-C-6-50-3F	6	18	6	50	3	/
FU-C-6-75-3F	6	25	6	75	3	/
FU-C-6-100-3F	6	30	6	100	3	/
FU-C-8-60-3F	8	24	8	60	3	/
FU-C-8-75-3F	8	30	8	75	3	/
FU-C-8-100-3F	8	35	8	100	3	/
FU-C-10-75-3F	10	30	10	75	3	/
FU-C-10-100-3F	10	40	10	100	3	/
FU-C-12-75-3F	12	36	12	75	3	/
FU-C-12-100-3F	12	45	12	100	3	/
FU-C-14-150-3F	14	60	14	150	3	/

LP series LP系列

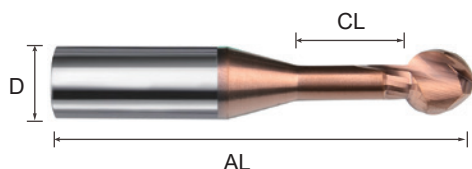
∞AL-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質: 铝合金AL5052、AL6063、AL6061、AL7075等; 铝合金 (Si≤12%) 以及铜合金 (<200HB) 的通用加工。

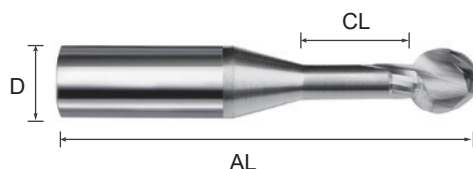
∞ST-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iro

∞適用切削材質: 中碳钢, 合金钢, 调质钢, 不锈钢, 模具钢, 其他钢材, 铸铁等。

ST



AL



Order NO.	D(柄径)	AL(全长)	F(刃数)	避空直径(CD)	避空长度(CL)	球头(BH)
LP-ST-4R05-50-2F	4	50	2	0.5	2	R0.5
LP-ST-4R075-50-2F	4	50	2	0.75	3	R0.75
LP-ST-4R1-50-2F	4	50	2	1	4	R1
LP-ST-4R15-50-2F	4	50	2	1.5	6	R1.5
LP-ST-4R2-50-2F	4	50	2	2	6	R2
LP-ST-6R25-50-2F	6	50	2	2.5	10	R2.5
LP-ST-6R3-50-2F	6	50	2	3	10	R3
LP-ST-8R4-60-2F	8	60	2	4	12	R4
LP-ST-10R5-60-2F	10	60	2	5	15	R5
LP-ST-12R6-60-2F	12	60	2	6	15	R6
LP-ST-16R8-75-2F	16	75	2	8	25	R8
LP-ST-18R9-75-2F	18	75	2	9	25	R9

Order NO.	D(柄径)	AL(全长)	F(刃数)	避空直径(CD)	避空长度(CL)	球头(RH)
LP-AL-4R05-50-2F	4	50	2	0.5	2	R0.5
LP-AL-4R075-50-2F	4	50	2	0.75	3	R0.75
LP-AL-4R1-50-2F	4	50	2	1	4	R1
LP-AL-4R15-50-2F	4	50	2	1.5	6	R1.5
LP-AL-4R2-50-2F	4	50	2	2	6	R2
LP-AL-6R25-50-2F	6	50	2	2.5	10	R2.5
LP-AL-6R3-50-2F	6	50	2	3	10	R3
LP-AL-8R4-60-2F	8	60	2	4	12	R4
LP-AL-10R5-60-2F	10	60	2	5	15	R5
LP-AL-12R6-60-2F	12	60	2	6	15	R6
LP-AL-16R8-75-2F	16	75	2	8	25	R8
LP-AL-18R9-75-2F	18	75	2	9	25	R9

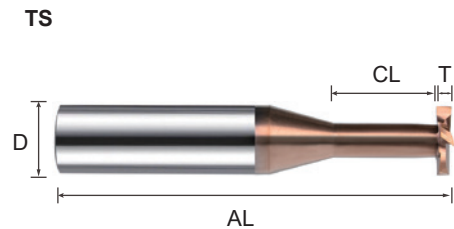
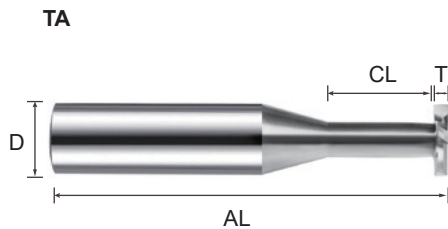
T series T系列

∞TA-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（Si≤12%）以及銅合金（<200HB）的通用加工。

∞TS-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iro

∞適用切削材質：中碳鋼，合金鋼，調質鋼，不銹鋼，模具鋼，其他鋼材，鑄鐵等。



Order NO.	D1(刃徑)	D(柄徑)	AL(全長)	F(刃數)	避空直徑(CD)	避空長度(CL)	厚度(T)
T-TA/TS-3-50-4T-0.5	3	4	50	4T	1.5	6	0.5
T-TA/TS-3-50-4T-1	3	4	50	4T	1.5	6	1
T-TA/TS-3-50-4T-1.5	3	4	50	4T	1.5	6	1.5
T-TA/TS-3-50-4T-2	3	4	50	4T	1.5	6	2
T-TA/TS-3-50-4T-2.5	3	4	50	4T	1.5	6	2.5
T-TA/TS-3-50-4T-3	3	4	50	4T	1.5	6	3
T-TA/TS-3-50-4T-3.5	3	4	50	4T	1.5	6	3.5
T-TA/TS-3-50-4T-4	3	4	50	4T	1.5	6	4
T-TA/TS-4-50-4T-0.5	4	4	50	4T	2	8	0.5
T-TA/TS-4-50-4T-1	4	4	50	4T	2	8	1
T-TA/TS-4-50-4T-1.5	4	4	50	4T	2	8	1.5
T-TA/TS-4-50-4T-2	4	4	50	4T	2	8	2
T-TA/TS-4-50-4T-2.5	4	4	50	4T	2	8	2.5
T-TA/TS-4-50-4T-3	4	4	50	4T	2	8	3
T-TA/TS-4-50-4T-3.5	4	4	50	4T	2	8	3.5
T-TA/TS-4-50-4T-4	4	4	50	4T	2	8	4
T-TA/TS-6-50-4T-0.5	6	6	50	4T	3	10	0.5
T-TA/TS-6-50-4T-1	6	6	50	4T	3	10	1
T-TA/TS-6-50-4T-1.5	6	6	50	4T	3	10	1.5
T-TA/TS-6-50-4T-2	6	6	50	4T	3	10	2
T-TA/TS-6-50-4T-2.5	6	6	50	4T	3	10	2.5
T-TA/TS-6-50-4T-3	6	6	50	4T	3	10	3
T-TA/TS-6-50-4T-3.5	6	6	50	4T	3	10	3.5
T-TA/TS-6-50-4T-4	6	6	50	4T	3	10	4
T-TA/TS-8-50-4T-0.5	8	8	50	4T	3	12	0.5
T-TA/TS-8-50-4T-1	8	8	50	4T	3	12	1
T-TA/TS-8-50-4T-1.5	8	8	50	4T	3	12	1.5
T-TA/TS-8-50-4T-2	8	8	50	4T	3	12	2
T-TA/TS-8-50-4T-2.5	8	8	50	4T	3	12	2.5
T-TA/TS-8-50-4T-3	8	8	50	4T	3	12	3

Order NO.	D1(刃径)	D(柄径)	AL(全长)	F(刃数)	避空直径(CD)	避空长度(CL)	厚度(T)
T-TA/TS-8-50-4T-3.5	8	8	50	4T	3	12	3.5
T-TA/TS-8-50-4T-4	8	8	50	4T	3	12	4
T-TA/TS-10-60-4T-0.5	10	10	60	4T	5	15	0.5
T-TA/TS-10-60-4T-1	10	10	60	4T	5	15	1
T-TA/TS-10-60-4T-1.5	10	10	60	4T	5	15	1.5
T-TA/TS-10-60-4T-2	10	10	60	4T	5	15	2
T-TA/TS-10-60-4T-2.5	10	10	60	4T	5	15	2.5
T-TA/TS-10-60-4T-3	10	10	60	4T	5	15	3
T-TA/TS-10-60-4T-3.5	10	10	60	4T	5	15	3.5
T-TA/TS-10-60-4T-4	10	10	60	4T	5	15	4
T-TA/TS-12-60-4T-0.5	12	12	60	4T	6	15	0.5
T-TA/TS-12-60-4T-1	12	12	60	4T	6	15	1
T-TA/TS-12-60-4T-1.5	12	12	60	4T	6	15	1.5
T-TA/TS-12-60-4T-2	12	12	60	4T	6	15	2
T-TA/TS-12-60-4T-2.5	12	12	60	4T	6	15	2.5
T-TA/TS-12-60-4T-3	12	12	60	4T	6	15	3
T-TA/TS-12-60-4T-3.5	12	12	60	4T	6	15	3.5
T-TA/TS-12-60-4T-4	12	12	60	4T	6	15	4
T-TA/TS-16-75-6T-1	16	16	75	6T	8	20	1
T-TA/TS-16-75-6T-2	16	16	75	6T	8	20	2
T-TA/TS-16-75-6T-3	16	16	75	6T	8	20	3
T-TA/TS-16-75-6T-4	16	16	75	6T	8	20	4
T-TA/TS-16-75-6T-5	16	16	75	6T	8	20	5
T-TA/TS-20-75-6T-1	20	20	75	6T	10	20	1
T-TA/TS-20-75-6T-2	20	20	75	6T	10	20	2
T-TA/TS-20-75-6T-3	20	20	75	6T	10	20	3
T-TA/TS-20-75-6T-4	20	20	75	6T	10	20	4
T-TA/TS-20-75-6T-5	20	20	75	6T	10	20	5

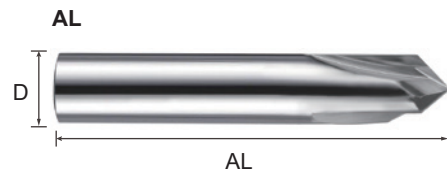
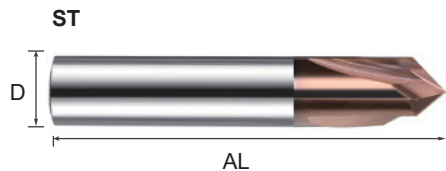
CT series CT系列

∞AL-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（Si≤12%）以及銅合金（<200HB）的通用加工。

∞ST-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron

∞適用切削材質：中碳鋼，合金鋼，調質鋼，不銹鋼，模具鋼，其他鋼材，鑄鐵等。



Order NO.	双边度数(Angle)	D(柄径)	AL(全长)	F(刃数)
CT-60°-ST/AL-4-50-3F	60°	4	50	3
CT-60°-ST/AL-4-100-3F	60°	4	100	3
CT-60°-ST/AL-6-50-3F	60°	6	50	3
CT-60°-ST/AL-6-100-3F	60°	6	100	3
CT-60°-ST/AL-8-60-3F	60°	8	60	3
CT-60°-ST/AL-8-100-3F	60°	8	100	3
CT-60°-ST/AL-10-75-3F	60°	10	75	3
CT-60°-ST/AL-10-100-3F	60°	10	100	3
CT-60°-ST/AL-12-75-3F	60°	12	75	3
CT-60°-ST/AL-12-100-3F	60°	12	100	3
CT-60°-ST/AL-14-100-3F	60°	14	100	3
CT-60°-ST/AL-16-100-3F	60°	16	100	3
CT-90°-ST/AL-4-50-3F	90°	4	50	3
CT-90°-ST/AL-4-100-3F	90°	4	100	3
CT-90°-ST/AL-6-50-3F	90°	6	50	3
CT-90°-ST/AL-6-100-3F	90°	6	100	3
CT-90°-ST/AL-8-60-3F	90°	8	60	3
CT-90°-ST/AL-8-100-3F	90°	8	100	3
CT-90°-ST/AL-10-75-3F	90°	10	75	3
CT-90°-ST/AL-10-100-3F	90°	10	100	3
CT-90°-ST/AL-12-75-3F	90°	12	75	3
CT-90°-ST/AL-12-100-3F	90°	12	100	3
CT-90°-ST/AL-14-100-3F	90°	14	100	3
CT-90°-ST/AL-16-100-3F	90°	16	100	3
CT-90°-ST/AL-20-100-3F	90°	20	100	3
CT-120°-ST/AL-4-50-3F	120°	4	50	3
CT-120°-ST/AL-4-100-3F	120°	4	100	3
CT-120°-ST/AL-6-50-3F	120°	6	50	3
CT-120°-ST/AL-6-100-3F	120°	6	100	3
CT-120°-ST/AL-8-60-3F	120°	8	60	3
CT-120°-ST/AL-8-100-3F	120°	8	100	3
CT-120°-ST/AL-10-75-3F	120°	10	75	3
CT-120°-ST/AL-10-100-3F	120°	10	100	3
CT-120°-ST/AL-12-75-3F	120°	12	75	3
CT-120°-ST/AL-12-100-3F	120°	12	100	3
CT-120°-ST/AL-14-100-3F	120°	14	100	3
CT-120°-ST/AL-16-100-3F	120°	16	100	3

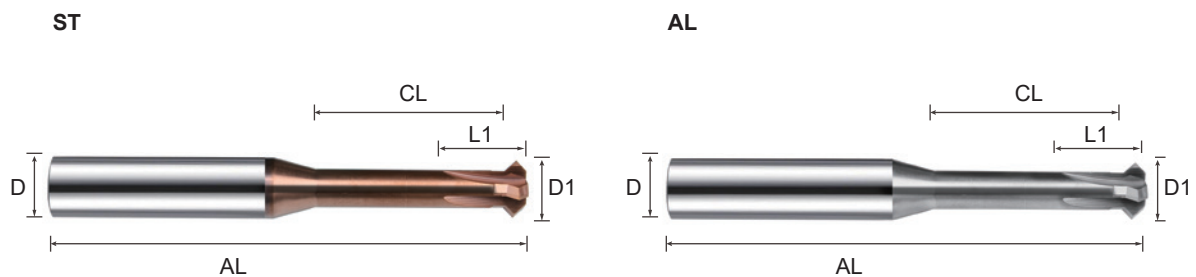
DCT series DCT系列

∞AL-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（Si≤12%）以及銅合金（<200HB）的通用加工。

∞ST-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron

∞適用切削材質：中碳鋼，合金鋼，調質鋼，不銹鋼，模具鋼，其他鋼材，鑄鐵等。



Order NO.	D1(刃徑)	AL(全長)	D(柄徑)	F(刃數)	避空直徑(CD)	避空長度(CL)	全角(Angle)
DCT-90°-ST/AL-2-50-4F-4F	2	50	4	4	1.2	8	90°
DCT-90°-ST/AL-2.5-50-4F-4F	2.5	50	4	4	1.5	10	90°
DCT-90°-ST/AL-3-50-4F-4F	3	50	4	4	1.8	12	90°
DCT-90°-ST/AL-4-50-4F-4F	4	50	4	4	2.4	16	90°
DCT-90°-ST/AL-5-50-6F-4F	5	50	6	4	2.8	20	90°
DCT-90°-ST/AL-6-50-6F-4F	6	50	6	4	3	25	90°
DCT-90°-ST/AL-8-60-8F-4F	8	60	8	4	4.8	28	90°
DCT-90°-ST/AL-10-75-10F-4F	10	75	10	4	6.3	35	90°
DCT-90°-ST/AL-12-75-12F-4F	12	75	12	4	7	42	90°

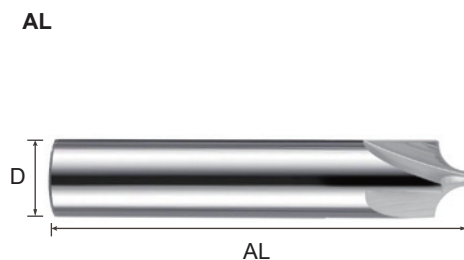
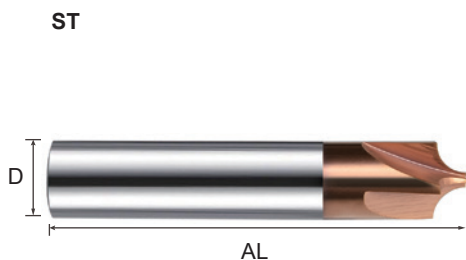
R series R系列

∞AL-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質: 鋁合金AL5052、AL6063、AL6061、AL7075等; 鋁合金 (Si≤12%) 以及銅合金 (<200HB) 的通用加工。

∞ST-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iro

∞適用切削材質: 中碳鋼, 合金鋼, 調質鋼, 不銹鋼, 模具鋼, 其他鋼材, 鑄鐵等。



Order NO.	D(柄徑)	AL(全長)	F(刃數)	R(R角)
R-ST/AL-4-R05-50-4F	4	50	4	R0.5
RT-ST/AL-4-R075-50-4	4	50	4	R0.75
RT-ST/AL-4-R1-50-4F	4	50	4	R1
RT-ST/AL-4-R15-50-4F	4	50	4	R1.5
RT-ST/AL-6-R15-50-4F	6	50	4	R1.5
RT-ST/AL-6-R1-50-4F	6	50	4	R1
RT-ST/AL-6-R2-50-4F	6	50	4	R2
RT-ST/AL-6-R25-50-4F	6	50	4	R2.5
RT-ST/AL-8-R25-50-4F	8	50	4	R2.5
RT-ST/AL-8-R3-50-4F	8	50	4	R3
RT-ST/AL-10-R4-60-4F	10	60	4	R4
RT-ST/AL-12-R5-60-4F	12	60	4	R5
RT-ST/AL-16-R6-80-4F	16	80	4	R6
RT-ST/AL-18-R7-80-4F	18	80	4	R7
RT-ST/AL-20-R8-80-4F	20	80	4	R8
RT-ST/AL-4-R02-50-4F	4	50	4	R0.2
RT-ST/AL-4-R03-50-4F	4	50	4	R0.3
RT-ST/AL-4-R04-50-4F	4	50	4	R0.4
RT-ST/AL-4-R06-50-4F	4	50	4	R0.6
RT-ST/AL-4-R07-50-4F	4	50	4	R0.7
RT-ST/AL-4-R08-50-4F	4	50	4	R0.8
RT-ST/AL-4-R09-50-4F	4	50	4	R0.9

CD series CD系列

∞AL-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（Si≤12%）以及銅合金（<200HB）的通用加工。

∞ST-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron

∞適用切削材質：中碳鋼，合金鋼，調質鋼，不銹鋼，模具鋼，其他鋼材，鑄鐵等。

ST



AL



Order NO.	D1(刃徑)	D(柄徑)	AL(全長)	F(刃數)	全角(Angle)
CD-ST/AL-1-50-2F-90°	1	4	50	2	90°
CD-ST/AL-1.5-50-2F-90°	1.5	4	50	2	90°
CD-ST/AL-2-50-2F-90°	2	4	50	2	90°
CD-ST/AL-2.5-50-2F-90°	2.5	4	50	2	90°
CD-ST/AL-3-50A-2F-90°	3	3	50	2	90°
CD-ST/AL-3-100-2F-90°	3	3	100	2	90°
CD-ST/AL-3-50B-2F-90°	3	4	50	2	90°
CD-ST/AL-4-50-2F-90°	4	4	50	2	90°
CD-ST/AL-4-75-2F-90°	4	4	75	2	90°
CD-ST/AL-4-100-2F-90°	4	4	100	2	90°
CD-ST/AL-4-150-2F-90°	4	4	150	2	90°
CD-ST/AL-5-50-2F-90°	5	5	50	2	90°
CD-ST/AL-5-100-2F-90°	5	5	100	2	90°
CD-ST/AL-6-50-2F-90°	6	6	50	2	90°
CD-ST/AL-6-75-2F-90°	6	6	75	2	90°
CD-ST/AL-6-100-2F-90°	6	6	100	2	90°
CD-ST/AL-6-150-2F-90°	6	6	150	2	90°
CD-ST/AL-8-60-2F-90°	8	8	60	2	90°
CD-ST/AL-8-75-2F-90°	8	8	75	2	90°
CD-ST/AL-8-100-2F-90°	8	8	100	2	90°
CD-ST/AL-8-150-2F-90°	8	8	150	2	90°
CD-ST/AL-10-75-2F-90°	10	10	75	2	90°
CD-ST/AL-10-100-2F-90°	10	10	100	2	90°
CD-ST/AL-10-150-2F-90°	10	10	150	2	90°
CD-ST/AL-12-75-2F-90°	12	12	75	2	90°
CD-ST/AL-12-100-2F-90°	12	12	100	2	90°
CD-ST/AL-12-150-2F-90°	12	12	150	2	90°
CD-ST/AL-14-100A-2F-90°	14	14	100	2	90°
CD-ST/AL-16-100B-2F-90°	16	16	100	2	90°
CD-ST/AL-20-100C-2F-90°	20	20	100	2	90°

DCD series DCD系列

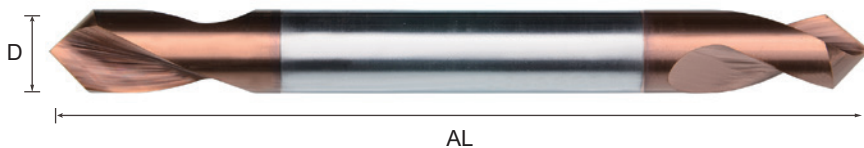
∞AL-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（Si≤12%）以及銅合金（<200HB）的通用加工。

∞ST-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iron

∞適用切削材質：中碳鋼，合金鋼，調質鋼，不銹鋼，模具鋼，其他鋼材，鑄鐵等。

ST



AL



Order NO.	D(柄徑)	AL(全長)	F(刃數)	全角(Angle)
DCD-ST/AL-4-100-2F-90°	4	100	2	90°
DCD-ST/AL-6-100-2F-90°	6	100	2	90°
DCD-ST/AL-8-100-2F-90°	8	100	2	90°
DCD-ST/AL-10-100-2F-90°	10	100	2	90°
DCD-ST/AL-12-100-2F-90°	12	100	2	90°

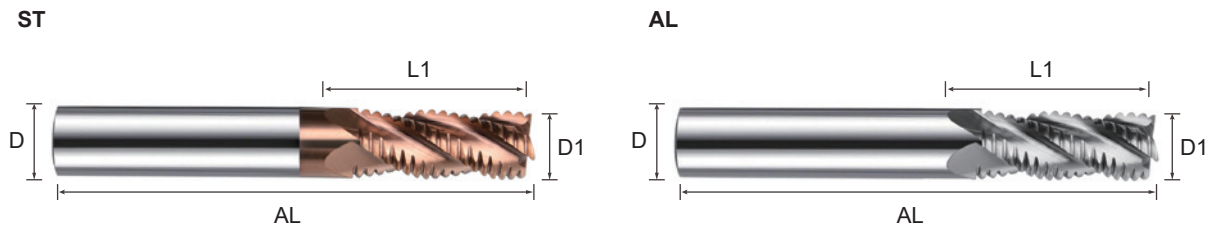
CM series CM系列

∞AL-Applicable materials: aluminum, non-ferrous metals.non-metallic. (Uncoated tools)

∞適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（Si≤12%）以及銅合金（<200HB）的通用加工。

∞ST-Applicable materials: carbon steel, alloy steel, quenchedandtempered steel, sus, mold steel, other steel, ductile iro

∞適用切削材質：中碳鋼，合金鋼，調質鋼，不銹鋼，模具鋼，其他鋼材，鑄鐵等。



Order NO.	D1(刃徑)	L1(刃長)	D(柄徑)	AL(全長)	F(刃數)
CM-ST/AL-4-50-4F	4	10	4	50	4
CM-ST/AL-5-50-4F	5	13	5	50	4
CM-ST/AL-6-50-4F	6	15	6	50	4
CM-ST/AL-6-75-4F	6	24	6	75	4
CM-ST/AL-6-100-4F	6	30	6	100	4
CM-ST/AL-8-60-4F	8	20	8	60	4
CM-ST/AL-8-75-4F	8	25	8	75	4
CM-ST/AL-8-100-4F	8	35	8	100	4
CM-ST/AL-10-75-4F	10	25	10	75	4
CM-ST/AL-10-100-4F	10	40	10	100	4
CM-ST/AL-12-75-4F	12	30	12	75	4
CM-ST/AL-12-100-4F	12	45	12	100	4
CM-ST/AL-14-100-4F	14	45	14	100	4
CM-ST/AL-16-100-4F	16	45	16	100	4
CM-ST/AL-16-150-4F	16	70	16	150	4
CM-ST/AL-18-100-4F	18	45	18	100	4
CM-ST/AL-20-100-4F	20	45	20	100	4
CM-ST/AL-20-150-4F	20	70	20	150	4

DC series DC系列

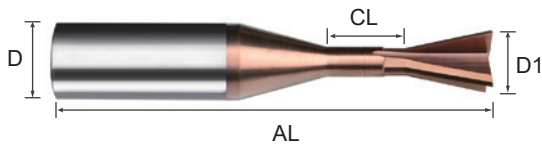
∞AL-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)

∞適用切削材質：鋁合金AL5052、AL6063、AL6061、AL7075等；鋁合金（Si≤12%）以及銅合金（<200HB）的通用加工。

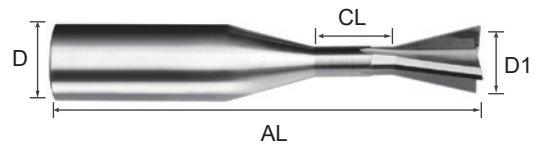
∞ST-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, stainless steel, mold steel, other steel, ductile iron

∞適用切削材質：中碳鋼，合金鋼，調質鋼，不銹鋼，模具鋼，其他鋼材，鑄鐵等。

ST



AL



Order NO.	D1(刃徑)	D(柄徑)	AL(全長)	F(刃數)	避空直徑(CD)	避空長度(CL)	全角(Angle)
DC-ST/AL-1.5-50-4F-30°	1.5	4	50	4	0.75	3	30°
DC-ST/AL-2-50-4F-30°	2	4	50	4	1	4	30°
DC-ST/AL-2.5-50-4F-30°	2.5	4	50	4	1.25	5	30°
DC-ST/AL-3-50-4F-30°	3	4	50	4	1.5	6	30°
DC-ST/AL-4-50-4F-30°	4	4	50	4	2	6	30°
DC-ST/AL-5-50-4F-30°	5	6	50	4	2.5	10	30°
DC-ST/AL-6-50-4F-30°	6	6	50	4	3	10	30°
DC-ST/AL-8-50-4F-30°	8	8	50	4	4	12	30°
DC-ST/AL-10-60-4F-30°	10	10	60	4	5	15	30°
DC-ST/AL-12-60-4F-30°	12	12	60	4	6	15	30°
DC-ST/AL-1.5-50-4F-60°	1.5	4	50	4	0.75	3	60°
DC-ST/AL-2-50-4F-60°	2	4	50	4	1	4	60°
DC-ST/AL-2.5-50-4F-60°	2.5	4	50	4	1.25	5	60°
DC-ST/AL-3-50-4F-60°	3	4	50	4	1.5	6	60°
DC-ST/AL-4-50-4F-60°	4	4	50	4	2	6	60°
DC-ST/AL-5-50-4F-60°	5	6	50	4	2.5	10	60°
DC-ST/AL-6-50-4F-60°	6	6	50	4	3	10	60°
DC-ST/AL-8-50-4F-60°	8	8	50	4	4	12	60°
DC-ST/AL-10-60-4F-60°	10	10	60	4	5	15	60°
DC-ST/AL-12-60-4F-60°	12	12	60	4	6	15	60°
DC-ST/AL-1-50-4F-90°	1	4	50	4	0.5	2	90°
DC-ST/AL-1.5-50-4F-90°	1.5	4	50	4	0.75	3	90°
DC-ST/AL-2-50-4F-90°	2	4	50	4	1	4	90°
DC-ST/AL-2.5-50-4F-90°	2.5	4	50	4	1.25	5	90°
DC-ST/AL-3-50-4F-90°	3	4	50	4	1.5	6	90°
DC-ST/AL-4-50-4F-90°	4	4	50	4	2	6	90°
DC-ST/AL-5-50-4F-90°	5	6	50	4	2.5	10	90°
DC-ST/AL-6-50-4F-90°	6	6	50	4	3	10	90°
DC-ST/AL-8-50-4F-90°	8	8	50	4	4	12	90°
DC-ST/AL-10-60-4F-90°	10	10	60	4	5	15	90°
DC-ST/AL-12-60-4F-90°	12	12	60	4	6	15	90°