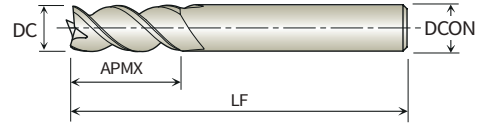


R-PRO
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Technical data

3ALE

3 Ağızlı Kısa ve Uzun Alüminyum Karbür Frezeler

3 Flutes 45° HELIX Flat End Mills For ALUMINIUM



Non 3 45° page No.316

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEFP	날장 APMX	생크경 DCON	전장 LF
3ALE-010-020-640	1	3	2	6	40
3ALE-010-025-640	1	3	2.5	6	40
3ALE-010-030-650	1	3	3	6	50
3ALE-010-040-660	1	3	4	6	60
3ALE-010-060-660	1	3	6	6	60
3ALE-012-040-650	1.2	3	4	6	50
3ALE-015-030-640	1.5	3	3	6	40
3ALE-015-050-650	1.5	3	5	6	50
3ALE-015-060-660	1.5	3	6	6	60
3ALE-015-080-660	1.5	3	8	6	60
3ALE-015-100-660	1.5	3	10	6	60
3ALE-020-030-640	2	3	3	6	40
3ALE-020-060-650	2	3	6	6	50
3ALE-020-080-660	2	3	8	6	60
3ALE-020-100-660	2	3	10	6	60
3ALE-020-120-660	2	3	12	6	60
3ALE-025-080-640	2.5	3	8	6	40
3ALE-025-100-660	2.5	3	10	6	60
3ALE-025-120-660	2.5	3	12	6	60
3ALE-030-040-645	3	3	4	6	45
3ALE-030-080-645	3	3	8	6	45
3ALE-030-110-660	3	3	11	6	60
3ALE-030-150-665	3	3	15	6	65
3ALE-030-200-670	3	3	20	6	70
3ALE-030-250-675	3	3	25	6	75
3ALE-030-300-680	3	3	30	6	80



KALIP TEKNİK

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEP	날장 APMX	생크경 DCON	전장 LF
3ALE-035-120-660	3.5	3	12	6	60
3ALE-040-050-645	4	3	5	6	45
3ALE-040-080-645	4	3	8	6	45
3ALE-040-110-645	4	3	11	6	45
3ALE-040-130-660	4	3	13	6	60
3ALE-040-160-665	4	3	16	6	65
3ALE-040-200-670	4	3	20	6	70
3ALE-040-260-675	4	3	26	6	75
3ALE-040-300-680	4	3	30	6	80
3ALE-045-150-660	4.5	3	15	6	60
3ALE-050-060-645	5	3	6	6	45
3ALE-050-170-660	5	3	17	6	60
3ALE-050-220-660	5	3	22	6	60
3ALE-050-250-670	5	3	25	6	70
3ALE-050-300-675	5	3	30	6	75
3ALE-050-350-680	5	3	35	6	80
3ALE-050-400-685	5	3	40	6	85
3ALE-050-450-690	5	3	45	6	90
3ALE-055-170-660	5.5	3	17	6	60
3ALE-060-070-650	6	3	7	6	50
3ALE-060-130-650	6	3	13	6	50
3ALE-060-170-660	6	3	17	6	60
3ALE-060-220-660	6	3	22	6	60
3ALE-060-250-670	6	3	25	6	70
3ALE-060-300-675	6	3	30	6	75
3ALE-060-350-680	6	3	35	6	80
3ALE-060-420-690	6	3	42	6	90
3ALE-060-500-6A0	6	3	50	6	100
3ALE-070-220-865	7	3	22	8	65
3ALE-080-090-860	8	3	9	8	60
3ALE-080-190-860	8	3	19	8	60
3ALE-080-220-870	8	3	22	8	70
3ALE-080-280-880	8	3	28	8	80
3ALE-080-300-880	8	3	30	8	80
3ALE-080-350-885	8	3	35	8	85
3ALE-080-400-890	8	3	40	8	90
3ALE-080-450-895	8	3	45	8	95
3ALE-080-500-8A0	8	3	50	8	100
3ALE-080-550-8B0	8	3	55	8	110

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MICRO GRAIN	
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Technical data	



KALIP TEKNİK

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEPF	날장 APMX	생크경 DCON	전장 LF
		3ALE-080-660-8B0	8	3	66	8	110
	H-PRO	3ALE-090-270-A70	9	3	27	10	70
		3ALE-100-110-A65	10	3	11	10	65
		3ALE-100-220-A65	10	3	22	10	65
	A-PRO	3ALE-100-270-A75	10	3	27	10	75
		3ALE-100-320-A90	10	3	32	10	90
		3ALE-100-350-A90	10	3	35	10	90
	X-PRO	3ALE-100-400-A90	10	3	40	10	90
		3ALE-100-450-AA0	10	3	45	10	100
		3ALE-100-500-AA0	10	3	50	10	100
	SUS MILL	3ALE-100-550-AB0	10	3	55	10	110
		3ALE-100-600-AB0	10	3	60	10	110
		3ALE-100-650-AC0	10	3	65	10	120
	S-PRO	3ALE-120-130-C70	12	3	13	12	70
		3ALE-120-260-C70	12	3	26	12	70
		3ALE-120-320-C80	12	3	32	12	80
	D-PRO	3ALE-120-400-CA0	12	3	40	12	100
		3ALE-120-450-CA0	12	3	45	12	100
		3ALE-120-500-CA0	12	3	50	12	100
	A-PLUS	3ALE-120-550-CB0	12	3	55	12	110
		3ALE-120-600-CB0	12	3	60	12	110
		3ALE-120-650-CC0	12	3	65	12	120
	AL-PRO	3ALE-120-700-CC0	12	3	70	12	120
		3ALE-120-750-CE0	12	3	75	12	140
		3ALE-120-800-CE0	12	3	80	12	140
	AL MILL	3ALE-140-370-E90	14	3	37	14	90
		3ALE-140-370-G90	14	3	37	16	90
		3ALE-160-1050-GK0	16	3	37	16	90
	ABS	3ALE-160-1150-GK0	16	3	37	16	90
		3ALE-160-180-G90	16	3	18	16	90
		3ALE-160-320-G90	16	3	32	16	90
	MICRO GRAIN	3ALE-160-420-GA0	16	3	42	16	100
		3ALE-160-520-GB0	16	3	52	16	110
		3ALE-160-550-GB0	16	3	55	16	110
	MULTI	3ALE-160-650-GD0	16	3	65	16	130
		3ALE-160-750-GF0	16	3	75	16	150
	Technical data	3ALE-160-850-GG0	16	3	85	16	150
		3ALE-160-950-GI0	16	3	95	16	150
		3ALE-180-450-IA0	18	3	45	18	100



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEP	날장 APMX	생크경 DCON	전장 LF
3ALE-200-1050-KK0	20	3	45	18	100
3ALE-200-1150-KK0	20	3	45	18	100
3ALE-200-1250-KM0	20	3	45	18	100
3ALE-200-230-K90	20	3	23	20	90
3ALE-200-380-K90	20	3	38	20	90
3ALE-200-480-KA0	20	3	48	20	100
3ALE-200-550-KB0	20	3	55	20	110
3ALE-200-650-KD0	20	3	65	20	130
3ALE-200-750-KF0	20	3	75	20	150
3ALE-200-850-KG0	20	3	85	20	150
3ALE-200-950-KI0	20	3	95	20	150
3ALE-250-500-PC0	25	3	50	25	120

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MICRO GRAIN	
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Technical data	