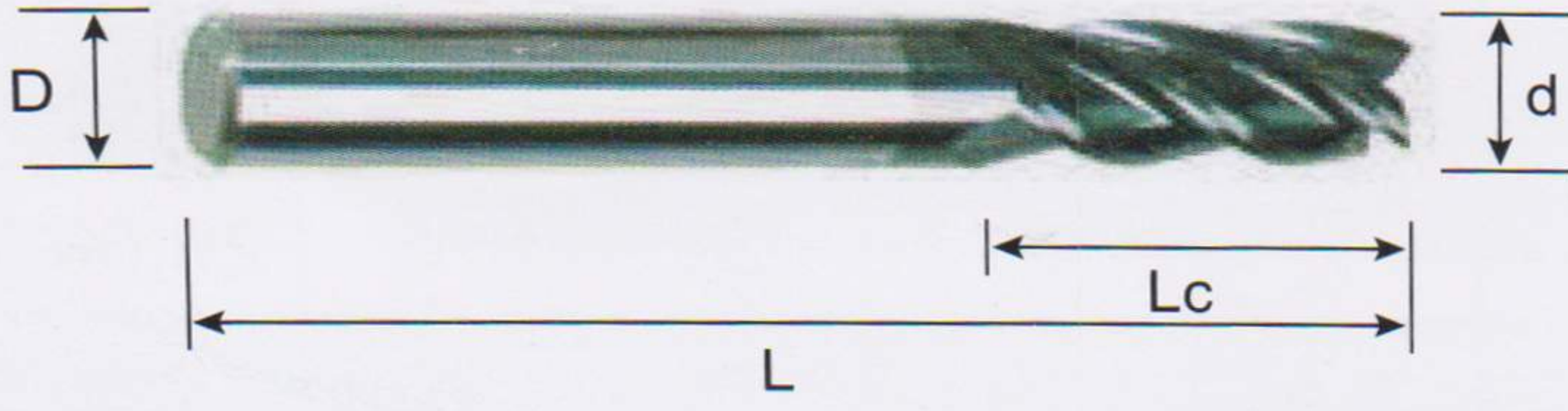


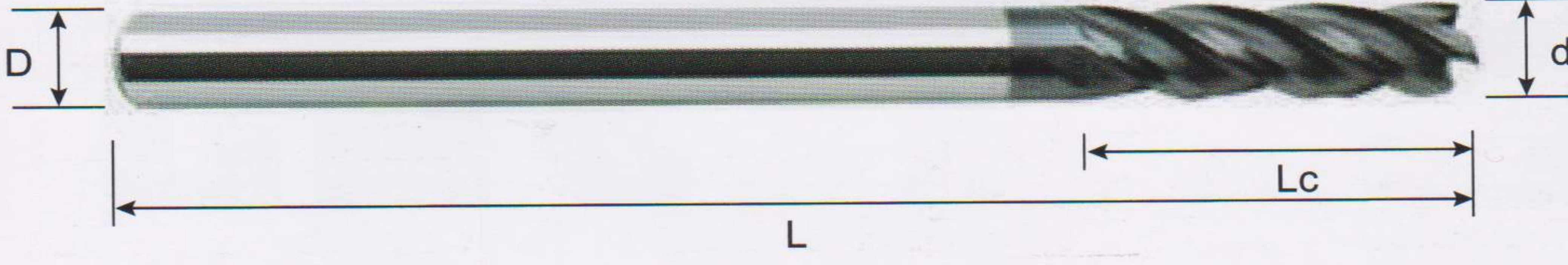
2/4 AĞIZLI DÜZ KARBÜR PARMAK FREZE 45 HRC



TYPE	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
GM45-St	E45-1x3x4x50	1	4	3	50
GM45-St	E45-1.25x3x4x50	1,25	4	3	50
GM45-St	E45-1.5x4x4x50	1,5	4	4	50
GM45-St	E45-2x6x4x50	2	4	6	50
GM45-St	E45-2.5x7x4x50	2,5	4	7	50
GM45-St-D.3	E45-3x8x3x50	3	3	8	50
GM45-St-D.4	E45-3x8x4x50	3	4	8	50
GM45-St-D.6	E45-3x8x6x50	3	6	8	50
GM45-St	E45-3,5x11x4x50	3,5	4	11	50
GM45-St-D.4	E45-4x11x4x50	4	4	11	50
GM45-St-D.6	E45-4x11x6x50	4	6	11	50
GM45-St	E45-4,5x13x6x50	4,5	6	13	50
GM45-St-D.5	E45-5x13x5x50	5	5	13	50
GM45-St-D.6	E45-5x13x6x50	5	6	13	50
GM45-St	E45-5,5x16x6x50	5,5	6	16	50
GM45-St	E45-6x16x6x50	6	6	16	50
GM45-St	E45-6,5x20x8x60	6,5	8	20	60
GM45-St	E45-7x20x8x60	7	8	20	60
GM45-St	E45-7,5x20x8x60	7,5	8	20	60

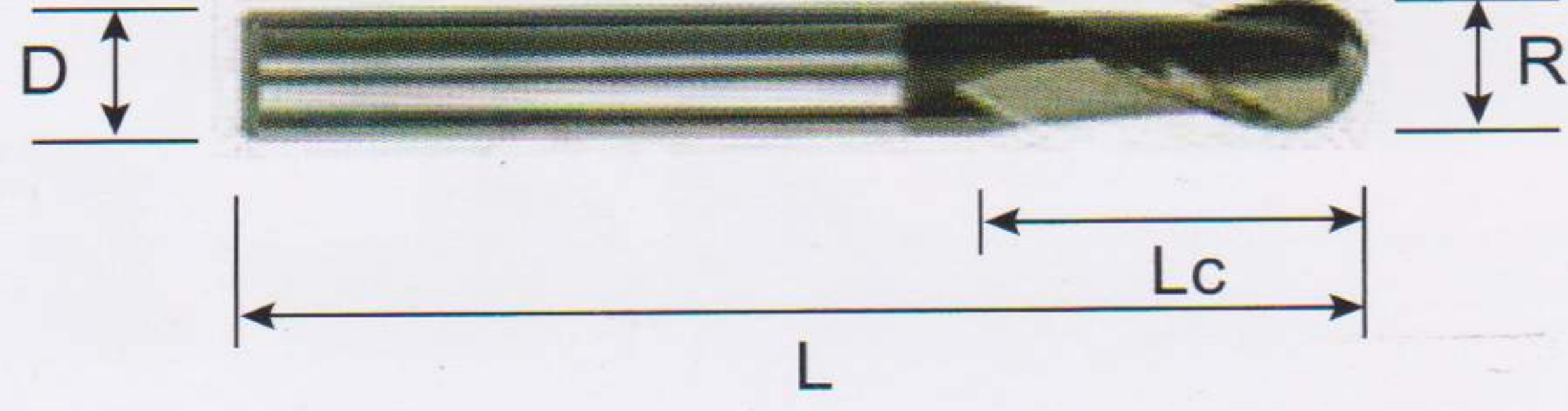
TYPE	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
GM45-St	E45-8x20x8x60	8	8	20	60
GM45-St	E45-8,5x25x10x75	8,5	10	25	75
GM45-St	E45-9x25x10x75	9	10	25	75
GM45-St	E45-9,5x25x10x75	9,5	10	25	75
GM45-St	E45-10x25x10x75	10	10	25	75
GM45-St	E45-10,5x30x12x75	10,5	12	30	75
GM45-St	E45-11x30x12x75	11	12	30	75
GM45-St	E45-11,5x30x12x75	11,5	12	30	75
GM45-St	E45-12x30x12x75	12	12	30	75
GM45-St	E45-12,5x32x14x100	12,5	14	32	100
GM45-St	E45-13x35x14x100	13	14	35	100
GM45-St	E45-13,5x35x14x100	13,5	14	35	100
GM45-St	E45-14x35x14x100	14	14	35	100
GM45-St	E45-14,5x45x16x100	14,5	16	45	100
GM45-St	E45-15x45x16x100	15	16	45	100
GM45-St	E45-15,5x45x16x100	15,5	16	45	100
GM45-St	E45-16x45x16x100	16	16	45	100
GM45-St	E45-16,5x45x18x100	16,5	18	45	100
GM45-St	E45-17x45x18x100	17	18	45	100
GM45-St	E45-17,5x45x18x100	17,5	18	45	100
GM45-St	E45-18x45x18x100	18	18	45	100
GM45-St	E45-18,5x45x20x100	18,5	20	45	100
GM45-St	E45-19x45x20x100	19	20	45	100
GM45-St	E45-19,5x45x20x100	19,5	20	45	100
GM45-St	E45-20x45x20x100	20	20	45	100

2/4 AĞIZLI DÜZ UZUN BOY KARBÜR PARMAK FREZE 45 HRC



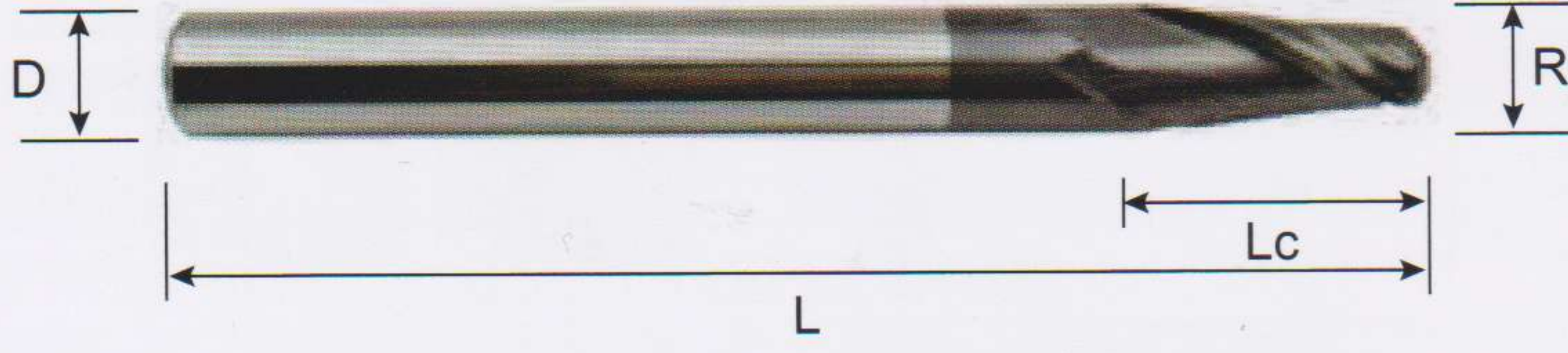
TYPE	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
GM45-L	E45-3x12x4x75	3	4	12	75
GM45-EX	E45-3x12x4x100	3	4	12	100
GM45-EXL	E45-3x12x4x150	3	4	12	150
GM45-L	E45-4x16x4x75	4	4	16	75
GM45-EX	E45-4x16x4x100	4	4	16	100
GM45-EXL	E45-4x16x4x150	4	4	16	150
GM45-L	E45-5x20x5x75	5	5	20	75
GM45-EX	E45-5x20x5x100	5	5	20	100
GM45-EXL	E45-5x20x5x150	5	5	20	150
GM45-L	E45-6x22x6x75	6	6	22	75
GM45-EX	E45-6x22x6x100	6	6	22	100
GM45-EXL	E45-6x22x6x150	6	6	22	150
GM45-L	E45-8x20x8x75	8	8	20	75
GM45-EX	E45-8x25x8x100	8	8	25	100
GM45-EXL	E45-8x25x8x150	8	8	25	150
GM45-L	E45-10x28x10x100	10	10	28	100
GM45-EX	E45-10x40x10x150	10	10	40	150
GM45-L	E45-12x30x12x100	12	12	30	100
GM45-EX	E45-12x45x12x150	12	12	45	150
GM45-L	E45-14x50x14x150	14	14	50	150
GM45-L	E45-16x55x16x150	16	16	55	150
GM45-L	E45-18x55x18x150	18	18	55	150
GM45-L	E45-20x55x20x150	20	20	55	150

■ 2/4 AĞIZLI RADÜS KARBÜR PARMAK FREZE 45 HRC



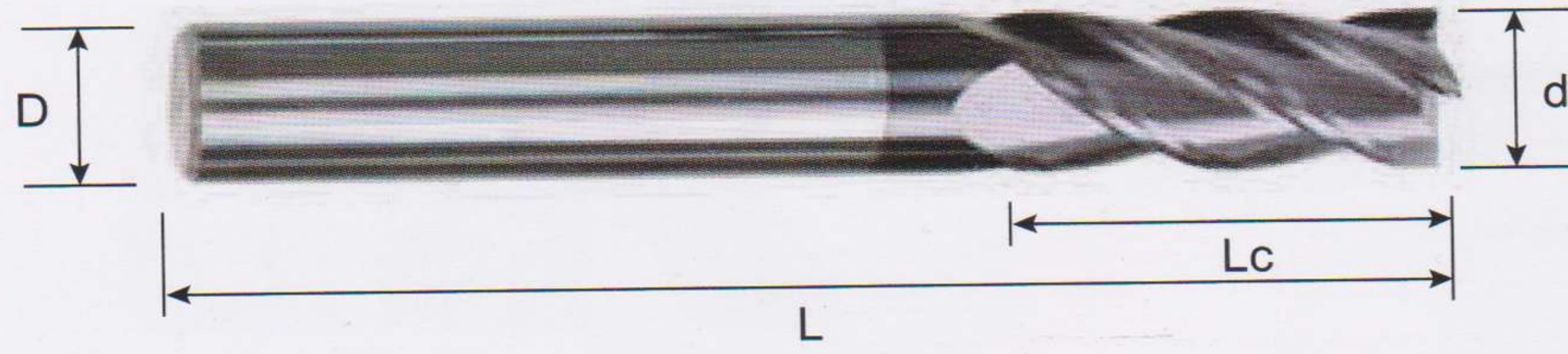
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	R	D	Lc	L
GM45-2B	B45-R0.5x2x4x50x2F	0,5	4	2	50
GM45-2B	B45-R0.75x3x4x50x2F	0,75	4	3	50
GM45-2B	B45-R1x4x4x50x2F	1	4	4	50
GM45-2B	B45-R1.25x5x4x50x2F	1,25	4	5	50
GM45-2B-D.3	B45-R1.5x6x3x50x2F	1,5	3	6	50
GM45-2B-D.4	B45-R1.5x6x4x50x2F	1,5	4	6	50
GM45-2B	B45-R1.75x8x4x50x2F	1,75	4	8	50
GM45-2B	B45-R2.0x8x4x50x2F	2	4	8	50
GM45-2B	B45-R2.25x10x5x50x2F	2,25	5	10	50
GM45-2B-D.5	B45-R2.5x10x5x50x2F	2,5	5	10	50
GM45-2B-D.6	B45-R2.5x10x6x50x2F	2,5	6	10	50
GM45-2B	B45-R2.75x12x6x50x2F	2,75	6	12	50
GM45-2B	B45-R3x12x6x50x2F	3	6	12	50
GM45-2B	B45-R3.25x16x8x80x2F	3,25	8	16	60
GM45-2B	B45-R3.50x16x8x80x2F	3,5	8	16	60
GM45-2B	B45-R3.75x16x8x80x2F	3,75	8	16	60
GM45-2B	B45-R4x16x8x60x2F	4	8	16	60
GM45-2B	B45-R4.25x20x10x75x2F	4,25	10	20	75
GM45-2B	B45-R4.5x20x10x75x2F	4,5	10	20	75
GM45-2B	B45-R4.75x20x10x75x2F	4,75	10	20	75
GM45-2B	B45-R5x20x10x75x2F	5	10	20	75
GM45-2B	B45-R5.25x24x12x75x2F	5,25	12	24	75
GM45-2B	B45-R5.5x24x12x75x2F	5,5	12	24	75
GM45-2B	B45-R6x24x12x75x2F	6	12	24	75
GM45-2B	B45-R6.50x30x14x100x2F	6,5	14	30	100
GM45-2B	B45-R7x30x14x100x2F	7	14	30	100
GM45-2B	B45-R7.5x32x16x100x2F	7,5	16	32	100
GM45-2B	B45-R8x32x16x100x2F	8	16	32	100
GM45-2B	B45-R9x35x18x100x2F	9	18	35	100
GM45-2B	B45-R10x40x20x100x2F	10	20	40	100

■ 2/4 AĞIZLI RADÜS UZUN BOY KARBÜR PARMAK FREZE 45 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	R	D	Lc	L
GM45-2BL	B45-R1.5x6x3x75x2F	1,5	3	6	75
GM45-2BEX	B45-R1.5x6x3x100x2F	1,5	3	6	100
GM45-2BEXL	B45-R1.5x6x3x150x2F	1,5	3	6	150
GM45-2BL	B45-R2x8x4x75x2F	2	4	8	75
GM45-2BEX	B45-R2x8x4x100x2F	2	4	8	100
GM45-2BEXL	B45-R2x8x4x150x2F	2	4	8	150
GM45-2BL	B45-R2.5x10x5x75x2F	2,5	5	10	75
GM45-2BEX	B45-R2.5x10x5x100x2F	2,5	5	10	100
GM45-2BEXL	B45-R2.5x10x5x150x2F	2,5	5	10	150
GM45-2BL	B45-R3x15x6x75x2F	3	6	16	75
GM45-2BEX	B45-R3x16x6x100x2F	3	6	16	100
GM45-2BEXL	B45-R3x16x6x150x2F	3	6	16	150
GM45-2BL	B45-R4x20x8x75x2F	4	8	20	75
GM45-2BEX	B45-R4x20x8x100x2F	4	8	20	100
GM45-2BEXL	B45-R4x20x8x150x2F	4	8	20	150
GM45-2BL	B45-R5x24x10x100x2F	5	10	24	100
GM45-2BEX	B45-R5x24x10x150x2F	5	10	24	150
GM45-2BL	B45-R6x26x12x100x2F	6	12	26	100
GM45-2BEX	B45-R6x26x12x150x2F	6	12	26	150
GM45-2BL	B45-R7x30x14x150x2F	7	14	30	150
GM45-2BL	B45-R8x35x16x150x2F	8	16	35	150
GM45-2BL	B45-R9x40x18x150x2F	9	18	40	150
GM45-2BL	B45-R10x40x20x150x2F	10	20	40	150

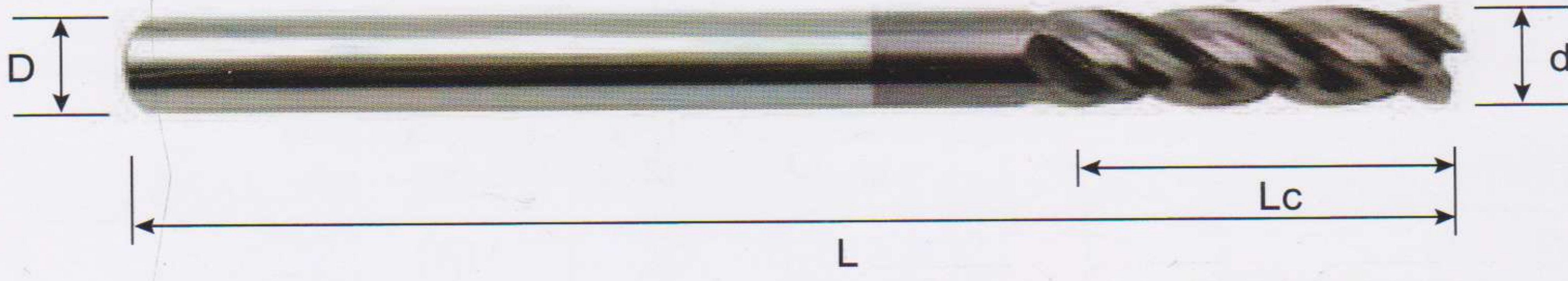
2/4 AĞIZLI DÜZ KARBÜR PARMAK FREZE 55 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
PM55-St	E55-1x3x4x50	1	4	3	50
PM55-St	E55-1.25x3x4x50	1,25	4	3	50
PM55-St	E55-1.5x4x4x50	1,5	4	4	50
PM55-St	E55-2x6x4x50	2	4	6	50
PM55-St	E55-2.5x7x4x50	2,5	4	7	50
PM55-St-D.3	E55-3x8x3x50	3	3	8	50
PM55-St-D.4	E55-3x8x4x50	3	4	8	50
PM55-St-D.6	E55-3x8x6x50	3	6	8	50
PM55-St	E55-3.5x11x4x50	3,5	4	11	50
PM55-St-D.4	E55-4x11x4x50	4	4	11	50
PM55-St-D.6	E55-4x11x6x50	4	6	11	50
PM55-St	E55-4.5x13x6x50	4,5	6	13	50
PM55-St-D.5	E55-5x13x5x50	5	5	13	50
PM55-St-D.6	E55-5x13x6x50	5	5	13	50
PM55-St	E55-5.5x15x6x50	5,5	5	16	50
PM55-St	E55-6x18x6x50	6	5	16	50
PM55-St	E55-6.5x20x8x60	6,5	8	20	60
PM55-St	E55-7x20x8x60	7	8	20	60
PM55-St	E55-7.5x20x8x60	7,5	8	20	60
PM55-St	E55-8x20x8x60	8	8	20	60
PM55-St	E55-8.5x25x10x75	8,5	10	25	75
PM55-St	E55-9x25x10x75	9	10	25	75
PM55-St	E55-9.5x25x10x75	9,5	10	25	75
PM55-St	E55-10x25x10x75	10	10	25	75
PM55-St	E55-10.5x30x12x75	10,5	12	30	75

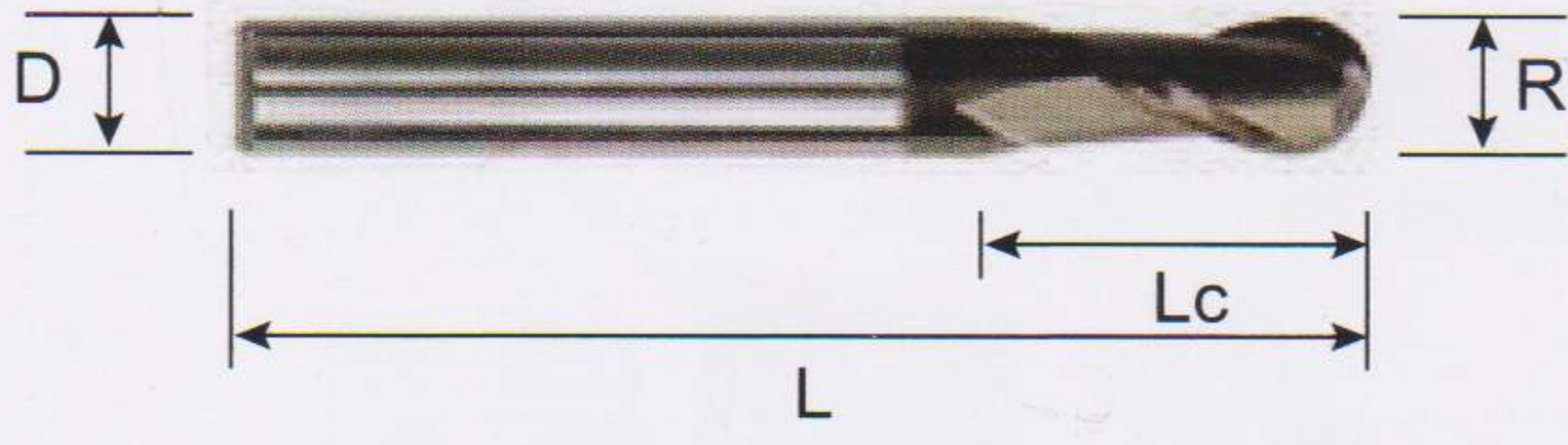
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
PM55-St	E55-11x30x12x75	11	12	30	75
PM55-St	E55-11.5x30x12x75	11,5	12	30	75
PM55-St	E55-12x30x12x75	12	12	30	75
PM55-St	E55-12.5x32x14x100	12,5	14	32	100
PM55-St	E55-13x32x14x100	13	14	32	100
PM55-St	E55-13.5x32x14x100	13,5	14	32	100
PM55-St	E55-14x32x14x100	14	14	32	100
PM55-St	E55-14.5x45x16x100	14,5	16	45	100
PM55-St	E55-15x45x16x100	15	16	45	100
PM55-St	E55-15.5x45x16x100	15,5	16	45	100
PM55-St	E55-16x45x16x100	16	16	45	100
PM55-St	E55-16.5x45x18x100	16,5	18	45	100
PM55-St	E55-17x45x18x100	17	18	45	100
PM55-St	E55-17.5x45x18x100	17,5	18	45	100
PM55-St	E55-18x45x18x100	18	18	45	100
PM55-St	E55-18.5x45x20x100	18,5	20	45	100
PM55-St	E55-19x45x20x100	19	20	45	100
PM55-St	E55-19.5x45x20x100	19,5	20	45	100
PM55-St	E55-20x45x20x100	20	20	45	100

■ 2/4 AĞIZLI DÜZ UZUN KARBÜR PARMAK FREZE 55 HRC



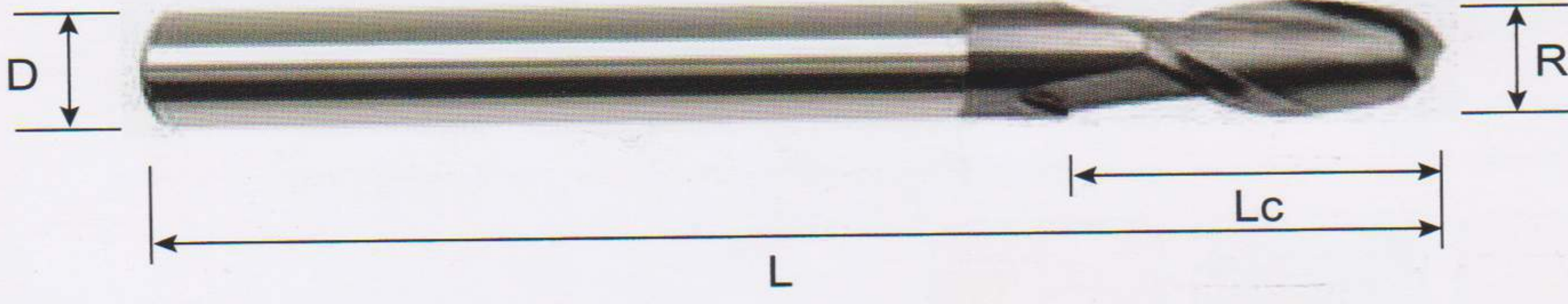
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
PM55-L	E55-3x12x4x75	3	4	12	75
PM55-EX	E55-3x12x4x100	3	4	12	100
PM55-EXL	E55-3x12x4x150	3	4	12	150
PM55-L	E55-4x16x4x75	4	4	16	75
PM55-EX	E55-4x16x4x100	4	4	16	100
PM55-EXL	E55-4x16x4x150	4	4	16	150
PM55-L	E55-5x20x5x75	5	5	20	75
PM-55EX	E55-5x20x5x100	5	5	20	100
PM-55EXL	E55-5x20x5x150	5	5	20	150
PM55-L	E55-6x22x6x75	6	6	22	75
PM55-EX	E55-6x22x6x100	6	6	22	100
PM55-EXL	E55-6x22x6x150	6	6	22	150
PM55-L	E55-8x20x8x75	8	8	20	75
PM55-EX	E55-8x25x8x100	8	8	25	100
PM55-EXL	E55-8x25x8x150	8	8	25	150
PM55-L	E55-10x28x10x100	10	10	28	100
PM55-EX	E55-10x40x10x150	10	10	40	150
PM55-L	E55-12x30x12x100	12	12	30	100
PM55-EX	E55-12x45x12x150	12	12	45	150
PM55-L	E55-14x50x14x150	14	14	50	150
PM55-L	E55-16x55x16x150	16	16	55	150
PM55-L	E55-18x55x18x150	18	18	55	150
PM55-L	E55-20x55x20x150	20	20	55	150

■ 2/4 AĞIZLI RADÜS KARBÜR PARMAK FREZE 55 HRC



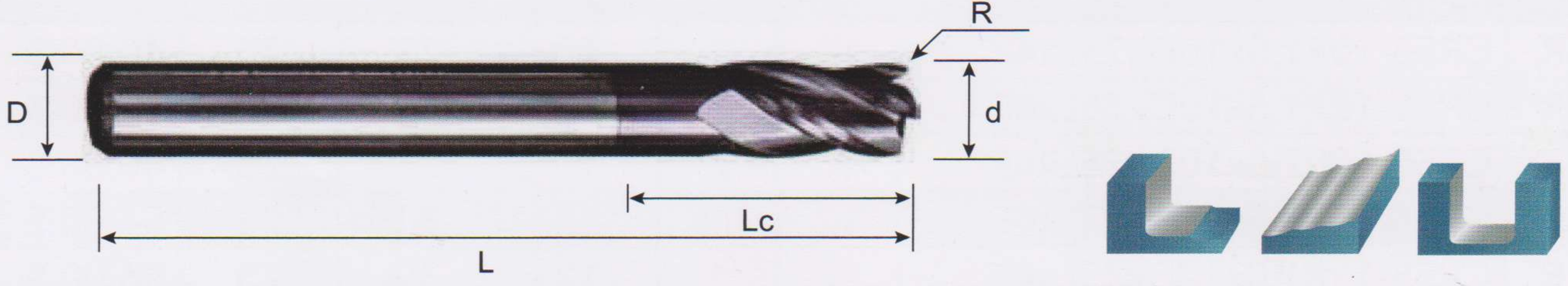
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	R	D	Lc	L
PM55-2B	B55-R0.5x2x4x50x2F	0,5	4	2	50
PM55-2B	B55-R0.75x3x4x50x2F	0,75	4	3	50
PM55-2B	B55-R1x4x4x50x2F	1	4	4	50
PM55-2B	B55-R1.25x5x4x50x2F	1,25	4	5	50
PM55-2B-D.3	B55-R1.5x6x3x50x2F	1,5	3	6	50
PM55-2B-D.4	B55-R1.5x6x4x50x2F	1,5	4	6	50
PM55-2B	B55-R1.75x8x4x50x2F	1,75	4	8	50
PM55-2B	B55-R2.0x8x4x50x2F	2	4	8	50
PM55-2B	B55-R2.25x10x5x50x2F	2,25	5	10	50
PM55-2B-D.5	B55-R2.5x10x5x50x2F	2,5	5	10	50
PM55-2B-D.6	B55-R2.5x10x6x50x2F	2,5	6	10	50
PM55-2B	B55-R2.75x12x6x50x2F	2,75	6	12	50
PM55-2B	B55-R3x12x6x50x2F	3	6	12	50
PM55-2B	B55-R3.25x16x8x60x2F	3,25	8	16	60
PM55-2B	B55-R3.50x16x8x60x2F	3,5	8	16	60
PM55-2B	B55-R3.75x16x8x60x2F	3,75	8	16	60
PM55-2B	B55-R4x16x8x60x2F	4	8	16	60
PM55-2B	B55-R4.25x20x10x75x2F	4,25	10	20	75
PM55-2B	B55-R4.5x20x10x75x2F	4,5	10	20	75
PM55-2B	B55-R4.75x20x10x75x2F	4,75	10	20	75
PM55-2B	B55-R5x20x10x75x2F	5	10	20	75
PM55-2B	B55-R5.25x24x12x75x2F	5,25	12	24	75
PM55-2B	B55-R5.5x24x12x75x2F	5,5	12	24	75
PM55-2B	B55-R6x24x12x75x2F	6	12	24	75
PM55-2B	B55-R6.5x24x14x100x2F	6,5	14	24	100
PM55-2B	B55-R7x24x14x100x2F	7	14	24	100
PM55-2B	B55-R7.5x32x16x100x2F	7,5	16	32	100
PM55-2B	B55-R8x32x16x100x2F	8	16	32	100
PM55-2B	B55-R9x35x18x100x2F	9	18	35	100
PM55-2B	B55-R10x40x20x100x2F	10	20	40	100

■ 2/4 AĞIZLI RADÜS UZUN KARBÜR PARMAK FREZE 55 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	R	D	Lc	L
PM55-2BL	B55-R1.5x6x4x75x2F	1,5	4	6	75
PM55-2BEX	B55-R1,5x6x4x100x2F	1,5	4	6	100
PM55-2BEXL	B55-R1,5x6x4x150x2F	1,5	4	6	150
PM55-2BL	B55-R2x10x4x75x2F	2	4	10	75
PM55-2BEX	B55-R2x10x4x100x2F	2	4	10	100
PM55-2BEXL	B55-R2x10x4x150x2F	2	4	10	150
PM55-2BL	B55-R2,5x14x5x75x2F	2,5	5	14	75
PM55-2BEX	B55-R2,5x14x5x100x2F	2,5	5	14	100
PM55-2BEXL	B55-R2,5x14x5x150x2F	2,5	5	14	150
PM55-2BL	B55-R3x16x6x75x2F	3	6	16	75
PM55-2BX	B55-R3x16x6x100x2F	3	6	16	100
PM55-2BX	B55-R3x16x6x150x2F	3	6	16	150
PM55-2BL	B55-R4x20x8x75x2F	4	8	20	75
PM55-2BEX	B55-R4x20x8x100x2F	4	8	20	100
PM55-2BEXL	B55-R4x20x8x150x2F	4	8	20	150
PM55-2BL	B55-R5x24x10x100x2F	5	10	24	100
PM55-2BEX	B55-R5x24x10x150x2F	5	10	24	150
PM55-2BL	B55-R6x26x12x100x2F	6	12	26	100
PM55-2BEX	B55-R6x26x12x150x2F	6	12	24	150
PM55-2BL	B55-R7x30x14x150x2F	7	14	30	150
PM55-2BL	B55-R8x35x16x150x2F	8	16	35	150
PM55-2BL	B55-R9x40x18x150x2F	9	18	40	150
PM55-2BL	B55-R10x40x20x150x2F	10	20	40	150

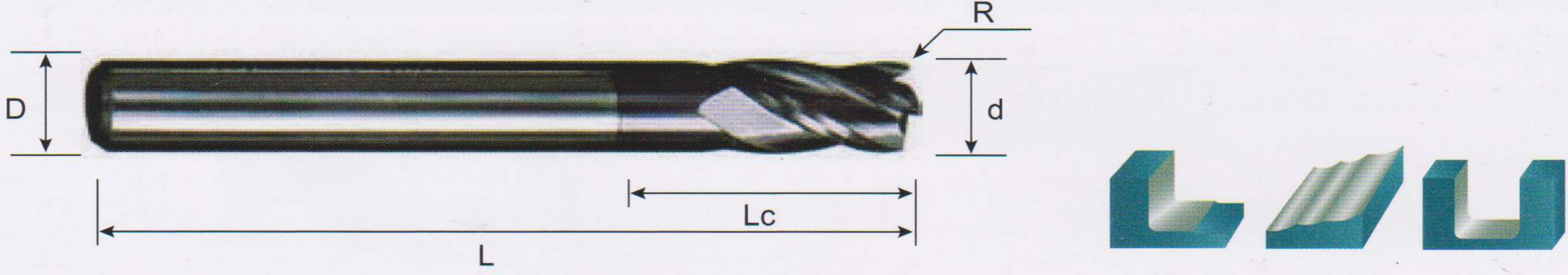
4 AĞIZLI KÖŞE RADÜS KARBÜR PARMAK FREZE 55 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	R	D	Lc	L
PM55-4R	CR55-1R0.3x4Dx50Lx4F	1	0,3	4	2	50
PM55-4R	CR55-1.5R0.2x4Dx50Lx4F	1,5	0,2	4	2	50
PM55-4R	CR55-2R0.2x4Dx50Lx4F	2	0,5	4	3	50
PM55-4R	CR55-2R0.5x4Dx50Lx4F	2	0,5	4	3	50
PM55-4R	CR55-3R0.2x4Dx50Lx4F	3	0,2	4	8	50
PM55-4R	CR55-3R0.5x4Dx50Lx4F	3	0,5	4	8	50
PM55-4R	CR55-3R1x4Dx50Lx4F	3	1	4	8	50
PM55-4R	CR55-4R0.2x4Dx50Lx4F	4	0,2	4	10	50
PM55-4R	CR55-4R0.3x4Dx50Lx4F	4	0,3	4	10	50
PM55-4R	CR55-4R0.5x4Dx50Lx4F	4	0,5	4	10	50
PM55-4R	CR55-4R1.0x4Dx50Lx4F	4	1	4	10	50
PM55-4R	CR55-5R0.2x6Dx50Lx4F	5	0,2	6	13	50
PM55-4R	CR55-5R0.3x6Dx50Lx4F	5	0,3	6	13	50
PM55-4R	CR55-5R0.5x6Dx50Lx4F	5	0,5	6	13	50
PM55-4R	CR55-5R1.0x6Dx50Lx4F	5	1	6	13	50
PM55-4R	CR55-6R0.2x6Dx50Lx4F	6	0,2	6	16	50
PM55-4R	CR55-6R0.3x6Dx50Lx4F	6	0,3	6	16	50
PM55-4R	CR55-6R0.5x6Dx50Lx4F	6	0,5	6	16	50
PM55-4R	CR55-6R1.0x6Dx50Lx4F	6	1	6	16	50
PM55-4R	CR55-8R0.2x8Dx60Lx4F	8	0,2	8	20	60
PM55-4R	CR55-8R0.5x8Dx60Lx4F	8	0,5	8	20	60
PM55-4R	CR55-8R1.0x8Dx60Lx4F	8	1	8	20	60
PM55-4R	CR55-8R1.5x8Dx60Lx4F	8	1,5	8	20	60
PM55-4R	CR55-8R2.0x8Dx60Lx4F	8	2	8	20	60
PM55-4R	CR55-10R0.2x10Dx75Lx4F	10	0,2	10	25	75
PM55-4R	CR55-10R0.5x10Dx75Lx4F	10	0,5	10	25	75

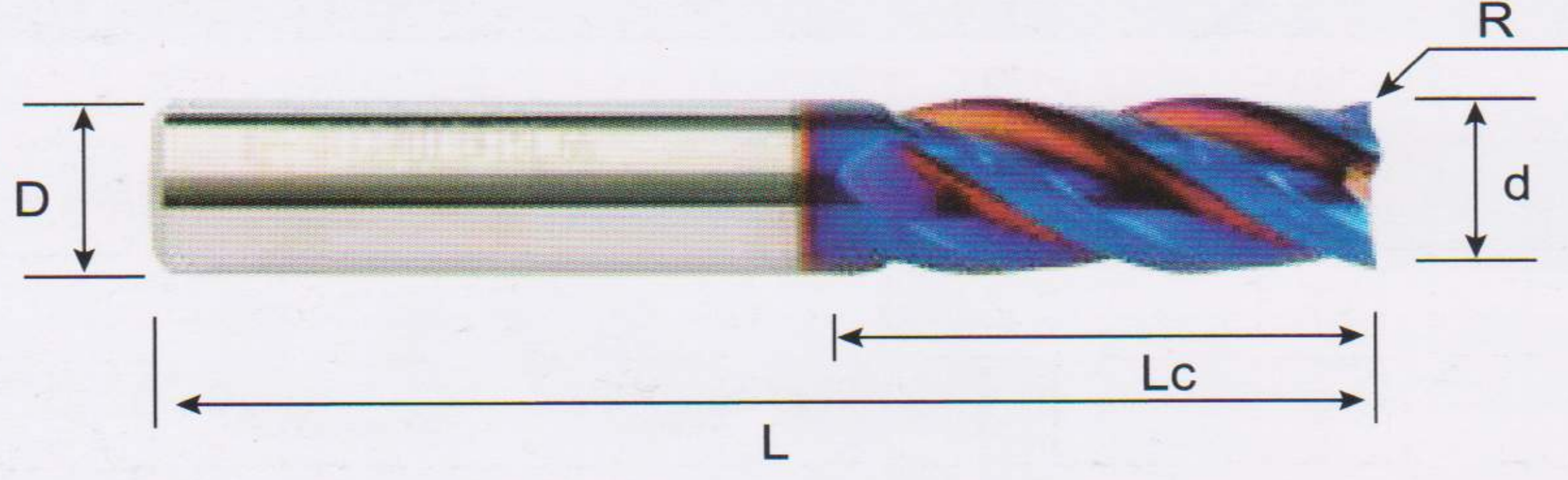
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	R	D	Lc	L
PM55-4R	CR55-10R1.0x10Dx75Lx4F	10	1	10	25	75
PM55-4R	CR55-10R1.5x10Dx75Lx4F	10	1,5	10	25	75
PM55-4R	CR55-10R2.0x10Dx75Lx4F	10	2	10	25	75
PM55-4R	CR55-12R0.5x12Dx75Lx4F	12	0,5	12	30	75
PM55-4R	CR55-12R1.0x12Dx75Lx4F	12	1	12	30	75
PM55-4R	CR55-12R1.5x12Dx75Lx4F	12	1,5	12	30	75
PM55-4R	CR55-12R2.0x12Dx75Lx4F	12	2	12	30	75
PM55-4R	CR55-16R0.5x16Dx100Lx4F	16	0,5	16	30	100
PM55-4R	CR55-16R1.0x16Dx100Lx4F	16	1	16	30	100
PM55-4R	CR55-16R1.5x16Dx100Lx4F	16	1,5	16	30	100
PM55-4R	CR55-16R2.0x16Dx100Lx4F	16	2	16	30	100

■ 4 AĞIZLI KÖŞE RADÜS UZUN KARBÜR PARMAK FREZE 55 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	R	D	Lc	L
PM55-4RL	CR55-3R0.5x4Dx12x75Lx4F	3	0,5	4	12	75
PM55-4RX	CR55-3R0.5x4Dx18x100Lx4F	3	0,5	4	18	100
PM55-4RL	CR55-3R1.0x4Dx12x75Lx4F	3	1	4	12	75
PM55-4RX	CR55-3R1.0x4Dx18x100Lx4F	3	1	4	18	100
PM55-4RL	CR55-4R0.2x4Dx12x75Lx4F	4	0,2	4	12	75
PM55-4RX	CR55-4R0.2x4Dx18x100Lx4F	4	0,2	4	18	100
PM55-4RL	CR55-4R0.3x4Dx12x75Lx4F	4	0,3	4	12	75
PM55-4RX	CR55-4R0.3x4Dx18x100Lx4F	4	0,3	4	18	100
PM55-4RL	CR55-4R0.5x4Dx12x75Lx4F	4	0,5	4	12	75
PM55-4RX	CR55-4R0.5x4Dx18x100Lx4F	4	0,5	4	18	100
PM55-4RL	CR55-4R1.0x4Dx12x75Lx4F	4	1	4	12	75
PM55-4RX	CR55-4R1.0x4Dx18x100Lx4F	4	1	4	18	100
PM55-4RL	CR55-5R0.2x6Dx22x75Lx4F	5	0,2	6	22	75
PM55-4RX	CR55-5R0.2x6Dx28x100Lx4F	5	0,2	6	28	100
PM55-4RL	CR55-5R0.3x6Dx22x75Lx4F	5	0,3	6	22	75
PM55-4RX	CR55-5R0.3x6Dx28x100Lx4F	5	0,3	6	28	100
PM55-4RL	CR55-5R0.5x6Dx22x75Lx4F	5	0,5	6	22	75
PM55-4RX	CR55-5R0.5x6Dx28x100Lx4F	5	0,5	6	28	100
PM55-4RL	CR55-5R1.0x6Dx22x75Lx4F	5	1	6	22	75
PM55-4RX	CR55-5R1.0x6Dx28x100Lx4F	5	1	6	28	100
PM55-4RL	CR55-6R0.2x6Dx22x75Lx4F	6	0,2	6	22	75
PM55-4RX	CR55-6R0.2x6Dx28x100Lx4F	6	0,2	6	28	100
PM55-4RL	CR55-6R0.3x6Dx75Lx4F	6	0,3	6	22	75
PM55-4RX	CR55-6R0.3x6Dx100Lx4F	6	0,3	6	28	100
PM55-4RL	CR55-6R0.5x6Dx75Lx4F	6	0,5	6	22	75
PM55-4RX	CR55-6R0.5x6Dx22x100Lx4F	6	0,5	6	28	100
PM55-4RL	CR55-6R1.0x6Dx28x75Lx4F	6	1	6	22	75
PM55-4RX	CR55-6R1.0x6Dx100Lx4F	6	1	6	28	100
PM55-4RL	CR55-8R0.2x8Dx20x75Lx4F	8	0,2	8	20	75
PM55-4RX	CR55-8R0.2x8Dx28x100Lx4F	8	0,2	8	28	100
PM55-4RL	CR55-8R0.5x8Dx20x75Lx4F	8	0,5	8	20	75
PM55-4RX	CR55-8R0.5x8Dx28x100Lx4F	8	0,5	8	28	100
PM55-4RL	CR55-8R1.0x8Dx28x75Lx4F	8	1	8	28	75
PM55-4RX	CR55-8R1.0x8Dx28x100Lx4F	8	1	8	28	100
PM55-4RL	CR55-8R1.5x8Dx28x75Lx4F	8	1,5	8	28	75
PM55-4RX	CR55-8R1.5x8Dx28x100Lx4F	8	1,5	8	28	100
PM55-4RL	CR55-8R2.0x8Dx28x75Lx4F	8	2	8	28	75
PM55-4RX	CR55-8R2.0x8Dx28x100Lx4F	8	2	8	28	100
PM55-4RL	CR55-10R0.2x10Dx30x100Lx4F	10	0,2	10	30	100
PM55-4RL	CR55-10R0.5x10Dx30x100Lx4F	10	0,5	10	30	100
PM55-4RL	CR55-10R1.0x10Dx30x100Lx4F	10	1	10	30	100
PM55-4RL	CR55-10R1.5x10Dx30x100Lx4F	10	1,5	10	30	100
PM55-4RL	CR55-10R2.0x10Dx100Lx4F	10	2	10	30	100
PM55-4RL	CR55-12R0.5x12Dx40x100Lx4F	12	0,5	12	40	100
PM55-4RL	CR55-12R1.0x12Dx40x100Lx4F	12	1	12	40	100
PM55-4RL	CR55-12R1.5x12Dx40x100Lx4F	12	1,5	12	40	100
PM55-4RL	CR55-12R2.0x12Dx40x100Lx4F	12	2	12	40	100

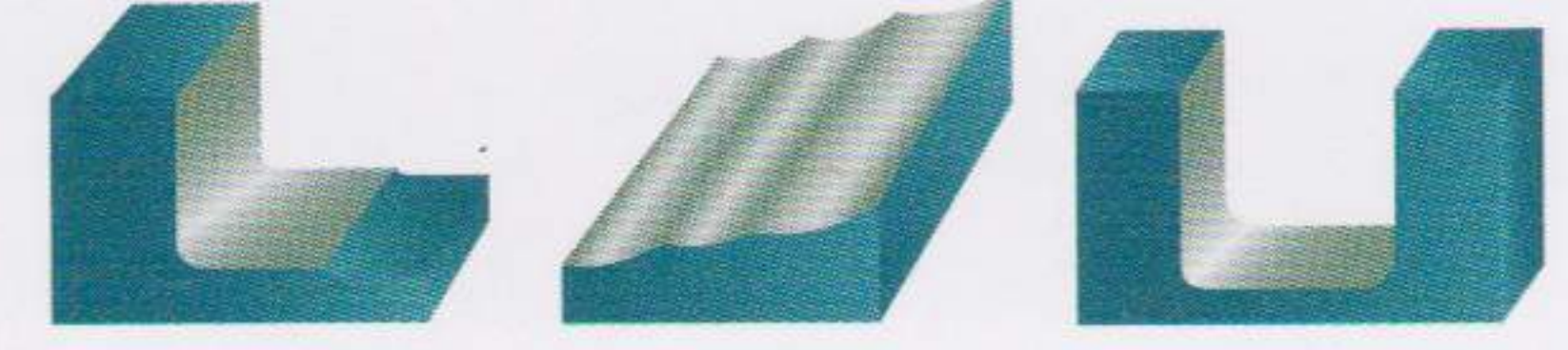
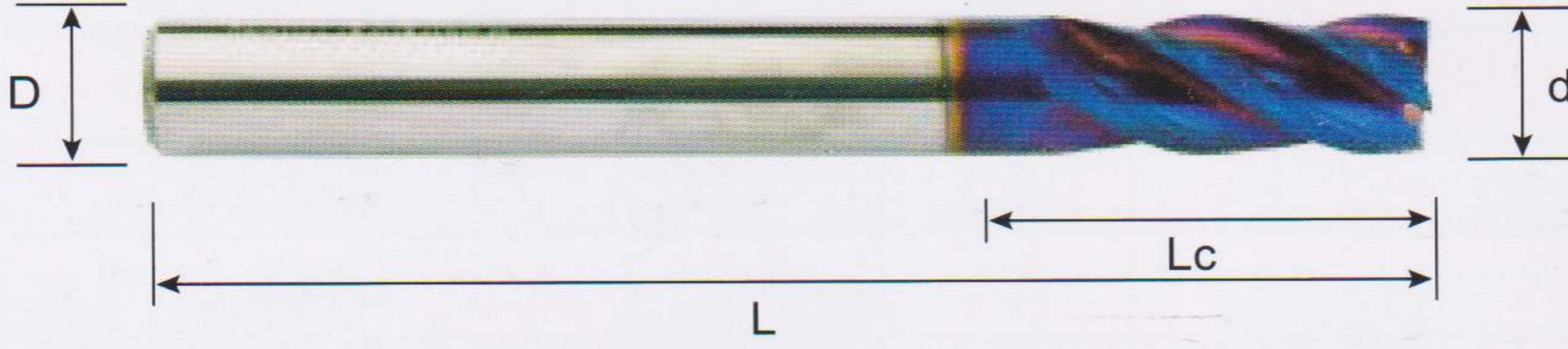
■ 2/4 AĞIZLI DÜZ KARBÜR PARMAK FREZE 65 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
HM65-St	E65-1x3x4x50	1	4	3	50
HM65-St	E65-1.25x3x4x50	1,25	4	3	50
HM65-St	E65-1.5x4x4x50	1,5	4	4	50
HM65-St	E65-2x5x4x50	2	4	5	50
HM65-St	E65-2.5x7x4x50	2,5	4	7	50
HM65-St-D.3	E65-3x8x3x50	3	3	8	50
HM65-St-D.4	E65-3x8x4x50	3	4	8	50
HM65-St-D.6	E65-3x8x6x50	3	6	8	50
HM65-St	E65-3.5x11x4x50	3,5	4	11	50
HM65-St-D.4	E65-4x11x4x50	4	4	11	50
HM65-St-D.6	E65-4x11x6x50	4	6	11	50
HM65-St	E65-4.5x13x6x50	4,5	5	13	50
HM65-St-D.5	E65-5x13x5x50	5	5	13	50
HM65-St-D.6	E65-5x13x6x50	5	6	13	50
HM65-St	E65-5.5x16x6x50	5,5	6	16	50
HM65-St	E65-6x16x6x50	6	6	16	50
HM65-St	E65-6.5x20x8x60	6,5	8	20	60
HM65-St	E65-7x20x8x60	7	8	20	60
HM65-St	E65-7.5x20x8x60	7,5	8	20	60
HM65-St	E65-8x20x8x60	8	8	20	60
HM65-St	E65-8.5x25x10x75	8,5	10	25	75
HM65-St	E65-9x25x10x75	9	10	25	75
HM65-St	E65-9.5x25x10x75	9,5	10	25	75
HM65-St	E65-10x25x10x75	10	10	25	75

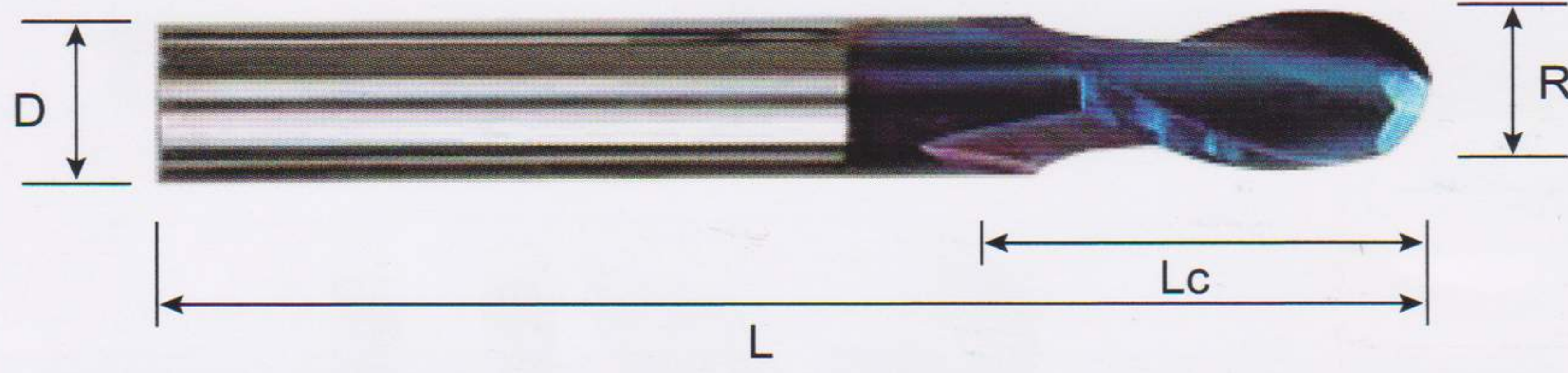
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
HM65-St	E65-10.5x30x12x75	10,5	12	30	75
HM65-St	E65-11x30x12x75	11	12	30	75
HM65-St	E65-11.5x30x12x75	11,5	12	30	75
HM65-St	E65-12x30x12x75	12	12	30	75
HM65-St	E65-12.5x32x14x100	12,5	14	32	100
HM65-St	E65-13x32x14x100	13	14	32	100
HM65-St	E65-13.5x32x14x100	13,5	14	32	100
HM65-St	E65-14x32x14x100	14	14	32	100
HM65-St	E65-14.5x45x16x100	14,5	16	45	100
HM65-St	E65-15x45x16x100	15	16	45	100
HM65-St	E65-15.5x45x16x100	15,5	16	45	100
HM65-St	E65-16x45x16x100	16	16	45	100
HM65-St	E65-16.5x45x18x100	16,5	18	45	100
HM65-St	E65-17x45x18x100	17	18	45	100
HM65-St	E65-17.5x45x18x100	17,5	18	45	100
HM65-St	E65-18x45x18x100	18	18	45	100
HM65-St	E65-18.5x45x20x100	18,5	20	45	100
HM65-St	E65-19x45x20x100	19	20	45	100
HM65-St	E65-19.5x45x20x100	19,5	20	45	100
HM65-St	E65-20x45x20x100	20	20	45	100

■ 2/4 DÜZ UZUN KARBÜR PARMAK FREZE 65 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
HM65-4L	E65-3x12x4x75	3	4	12	75
HM65-4EX	E65-3x12x4x100	3	4	12	100
HM65-4EXL	E65-3x12x4x150	3	4	12	150
HM65-4L	E65-4x16x4x75	4	4	16	75
HM65-4EX	E65-4x16x4x100	4	4	16	100
HM65-4EXL	E65-4x16x4x150	4	4	16	150
HM65-4L	E65-5x20x5x75	5	5	20	75
HM65-4EX	E65-5x20x5x100	5	5	20	100
HM65-4EXL	E65-5x20x5x150	5	5	20	150
HM65-4L	E65-6x22x6x75	6	6	22	75
HM65-4EX	E65-6x22x6x100	6	6	22	100
HM65-4EXL	E65-6x22x6x150	6	6	22	150
HM65-4L	E65-8x20x8x75	8	8	20	75
HM65-4EX	E65-8x25x8x100	8	8	25	100
HM65-4EXL	E65-8x25x8x150	8	8	25	150
HM65-4L	E65-10x28x10x100	10	10	28	100
HM65-4EX	E65-10x40x10x150	10	10	40	150
HM65-4L	E65-12x30x12x100	12	12	30	100
HM65-4EX	E65-12x45x12x150	12	12	45	150
HM65-4L	E65-14x50x14x150	14	14	50	150
HM65-4L	E65-16x55x16x150	16	16	55	150
HM65-4L	E65-18x55x18x150	18	18	55	150
HM65-4L	E65-20x55x20x150	20	20	55	150

2/4 AĞIZLI RADÜS KARBÜR PARMAK FREZE 65 HRC



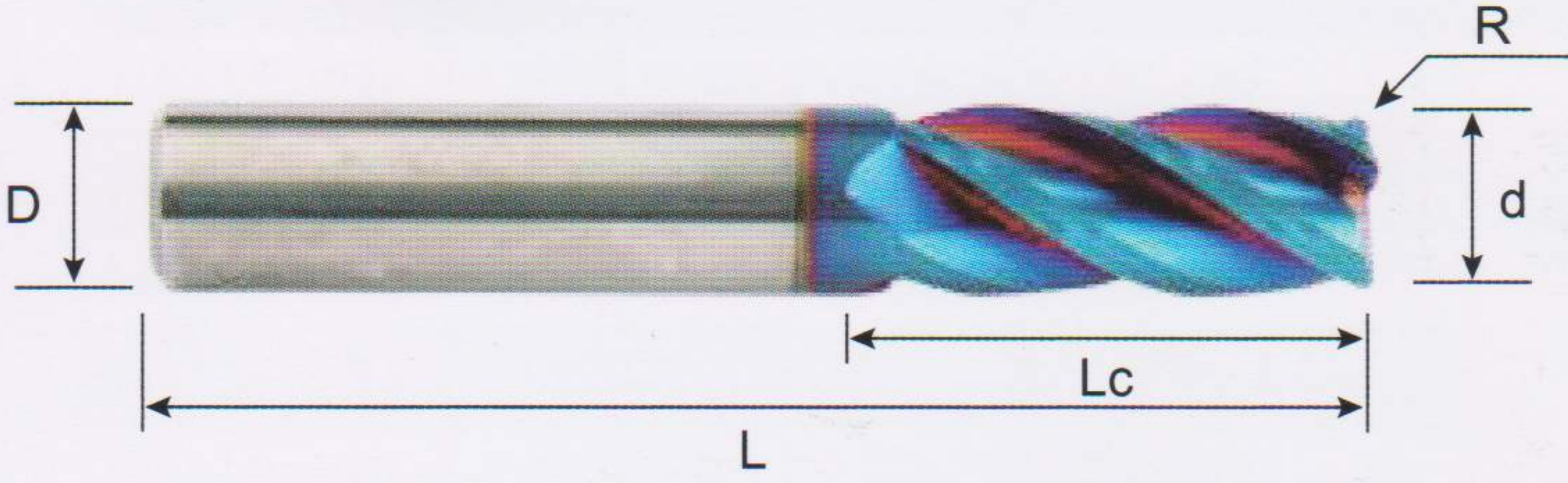
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	R	D	Lc	L
HM65-2B	B65-R0.5x2x4x50x2F	0,5	4	2	50
HM65-2B	B65-R0.75x3x4x50x2F	0,75	4	3	50
HM65-2B	B65-R1.0x4x4x50x2F	1	4	4	50
HM65-2B	B65-R1.25x5x4x50x2F	1,25	4	5	50
HM65-2B-D.3	B65-R1.5x6x3x50x2F	1,5	3	6	50
HM65-2B-D.4	B65-R1.5x6x4x50x2F	1,5	4	6	50
HM65-2B	B65-R1.75x8x4x50x2F	1,75	4	8	50
HM65-2B	B65-R2x8x4x50x2F	2	4	8	50
HM65-2B	B65-R2.25x10x5x50x2F	2,25	5	10	50
HM65-2B-D.5	B65-R2.5x10x5x50x2F	2,5	5	10	50
HM65-2B-D.6	B65-R2.5x10x6x50x2F	2,5	6	10	50
HM65-2B	B65-R2.75x12x6x50x2F	2,75	6	12	50
HM65-2B	B65-R3x12x6x50x2F	3	6	12	50
HM65-2B	B65-R3.25x16x8x60x2F	3,25	8	16	60
HM65-2B	B65-R3.5x16x8x60x2F	3,5	8	16	60
HM65-2B	B65-R3.75x16x8x60x2F	3,75	8	16	60
HM65-2B	B65-R4.0x16x8x60x2F	4	8	16	60
HM65-2B	B65-R4.25x20x10x75x2F	4,25	10	20	75
HM65-2B	B65-R4.5x20x10x75x2F	4,5	10	20	75
HM65-2B	B65-R4.75x20x10x75x2F	4,75	10	20	75
HM65-2B	B65-R5.0x20x10x75x2F	5	10	20	75
HM65-2B	B65-R5.25x24x12x75x2F	5,25	12	24	75
HM65-2B	B65-R5.5x24x12x75x2F	5,5	12	24	75
HM65-2B	B65-R6.0x24x12x75x2F	6	12	24	75
HM65-2B	B65-R6.5x24x14x100x2F	6,5	14	24	100
HM65-2B	B65-R7.0x24x14x100x2F	7	14	24	100
HM65-2B	B65-R7.5x32x16x100x2F	7,5	16	32	100
HM65-2B	B65-R8.0x32x16x100x2F	8	16	32	100
HM65-2B	B65-R9x35x18x100x2F	9	18	35	100
HM65-2B	B65-R10x40x20x100x2F	10	20	40	100

■ 2/4 AĞIZLI RADÜS UZUN KARBÜR PARMAK FREZE 65 HRC



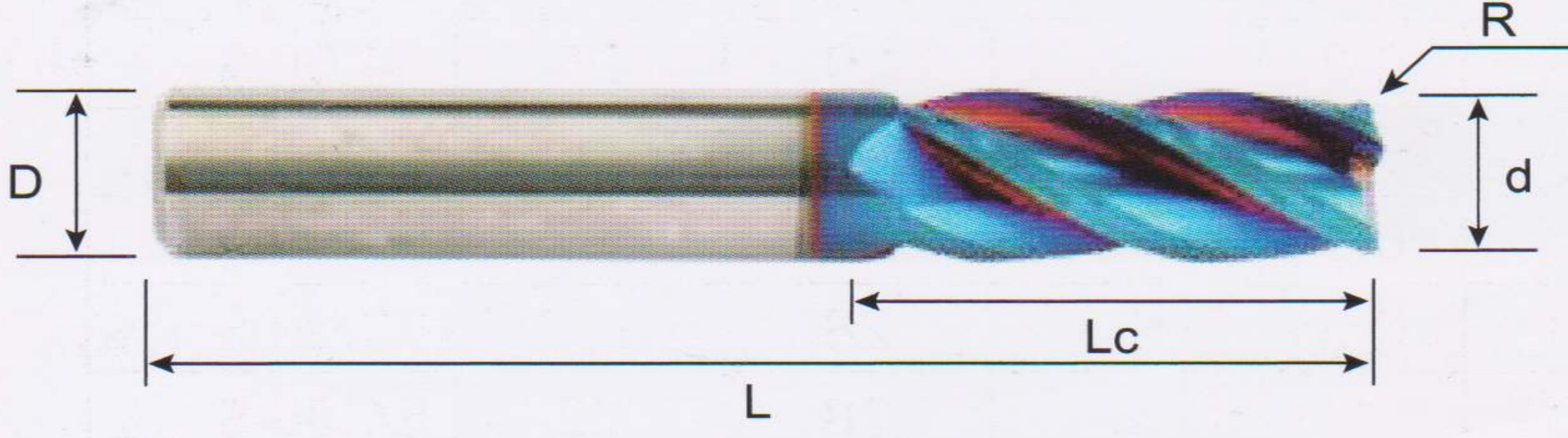
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	R	D	Lc	L
HM65-2BL	B65-R1.5x6x4x75x2F	1,5	4	6	75
HM65-2BEX	B65-R1.5x6x4x100x2F	1,5	4	6	100
HM65-2BEXL	B65-R1.5x6x4x150x2F	1,5	4	6	150
HM65-2BL	B65-R2x10x4x75x2F	2	4	10	75
HM65-2BEX	B65-R2x10x4x100x2F	2	4	10	100
HM65-2BEXL	B65-R2x10x4x150x2F	2	4	10	150
HM65-2BL	B65-R2,5x10x5x75x2F	2,5	5	10	75
HM65-2BEX	B65-R2,5x10x5x100x2F	2,5	5	10	100
HM65-2BEXL	B65-R2,5x10x5x150x2F	2,5	5	10	150
HM65-2BL	B65-R3x15x6x75x2F	3	6	15	75
HM65-2BEX	B65-R3x15x6x100x2F	3	6	15	100
HM65-2BEXL	B65-R3x15x6x150x2F	3	6	15	150
HM65-2BL	B65-R4x20x8x75x2F	4	8	20	75
HM65-2BEX	B65-R4x20x8x100x2F	4	8	20	100
HM65-2BEXL	B65-R4x20x8x150x2F	4	8	20	150
HM65-2BL	B65-R5x25x10x100x2F	5	10	25	100
HM65-2BEX	B65-R5x25x10x150x2F	5	10	25	150
HM65-2BL	B65-R6.0x24x12x100x2F	6	12	24	100
HM65-2BEX	B65-R6.0x24x12x150x2F	6	12	24	150
HM65-2BL	B65-R7x30x14x150x2F	7	14	30	150
HM65-2BL	B65-R8x35x16x150x2F	8	16	35	150
HM65-2BL	B65-R9x40x18x150x2F	9	18	40	150
HM65-2BL	B65-R10x40x20x150x2F	10	20	40	150

4 AĞIZLI KÖŞE RADÜS KARBÜR PARMAK FREZE 65 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	R	D	Lc	L
HM65-4R	CR65-3R0.2x4Dx50Lx4F	3	0,2	4	8	50
HM65-4R	CR65-3R0.5x4Dx50Lx4F	3	0,5	4	8	50
HM65-4R	CR65-3R1x4Dx50Lx4F	3	1	4	8	50
HM65-4R	CR65-4R0.2x4Dx50Lx4F	4	0,2	4	10	50
HM65-4R	CR65-4R0.3x4Dx50Lx4F	4	0,3	4	10	50
HM65-4R	CR65-4R0.5x4Dx50Lx4F	4	0,5	4	10	50
HM65-4R	CR65-4R1.0x4Dx50Lx4F	4	1	4	10	50
HM65-4R	CR65-5R0.2x6Dx50Lx4F	5	0,2	6	13	50
HM65-4R	CR65-5R0.3x6Dx50Lx4F	5	0,3	6	13	50
HM65-4R	CR65-5R0.5x6Dx50Lx4F	5	0,5	6	13	50
HM65-4R	CR65-5R1.0x6Dx50Lx4F	5	1	6	13	50
HM65-4R	CR65-6R0.2x6Dx50Lx4F	6	0,2	6	16	50
HM65-4R	CR65-6R0.3x6Dx50Lx4F	6	0,3	6	16	50
HM65-4R	CR65-6R0.5x6Dx50Lx4F	6	0,5	6	16	50
HM65-4R	CR65-6R1.0x6Dx50Lx4F	6	1	6	16	50
HM65-4R	CR65-8R0.2x8Dx60Lx4F	8	0,2	8	20	60
HM65-4R	CR65-8R0.5x8Dx60Lx4F	8	0,5	8	20	60
HM65-4R	CR65-8R1.0x8Dx60Lx4F	8	1	8	20	60
HM65-4R	CR65-8R1.5x8Dx60Lx4F	8	1,5	8	20	60
HM65-4R	CR65-8R2.0x8Dx60Lx4F	8	2	8	20	60
HM65-4R	CR65-10R0.2x10Dx75Lx4F	10	0,2	10	25	75
HM65-4R	CR65-10R0.5x10Dx75Lx4F	10	0,5	10	25	75
HM65-4R	CR65-10R1.0x10Dx75Lx4F	10	1	10	25	75
HM65-4R	CR65-10R1.5x10Dx75Lx4F	10	1,5	10	25	75
HM65-4R	CR65-10R2.0x10Dx75Lx4F	10	2	10	25	75
HM65-4R	CR65-12R0.5x12Dx75Lx4F	12	0,5	12	30	75
HM65-4R	CR65-12R1.0x12Dx75Lx4F	12	1	12	30	75
HM65-4R	CR65-12R1.5x12Dx75Lx4F	12	1,5	12	30	75
HM65-4R	CR65-12R2.0x12Dx75Lx4F	12	2	12	30	75
HM65-4R	CR65-16R0.5x16Dx100Lx4F	16	0,5	16	30	100
HM65-4R	CR65-16R1.0x16Dx100Lx4F	16	1	16	30	100
HM65-4R	CR65-16R1.5x16Dx100Lx4F	16	1,5	16	30	100
HM65-4R	CR65-16R2.0x16Dx100Lx4F	16	2	16	30	100

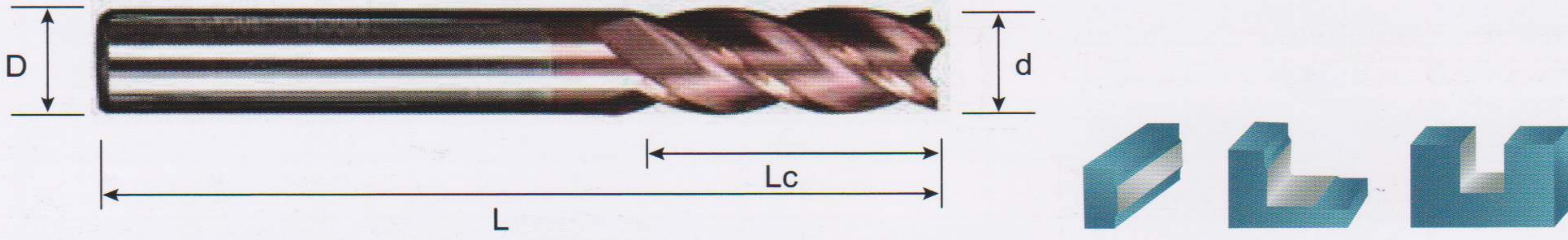
4 AĞIZLI KÖŞE RADÜS UZUN KARBÜR PARMAK FREZE 65 HRC



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	R	D	Lc	L
HM65-4RL	CR65-3R0.5x4Dx12x75Lx4F	3	0,5	4	12	75
HM65-4RX	CR65-3R0.5x4Dx18x100Lx4F	3	0,5	4	18	100
HM65-4RL	CR65-3R1.0x4Dx12x75Lx4F	3	1	4	12	75
HM65-4RX	CR65-3R1.0x4Dx18x100Lx4F	3	1	4	18	100
HM65-4RL	CR65-4R0.2x4Dx12x75Lx4F	4	0,2	4	12	75
HM65-4RX	CR65-4R0.2x4Dx18x100Lx4F	4	0,2	4	18	100
HM65-4RL	CR65-4R0.3x4Dx12x75Lx4F	4	0,3	4	12	75
HM65-4RX	CR65-4R0.3x4Dx18x100Lx4F	4	0,3	4	18	100
HM65-4RL	CR65-4R0.5x4Dx12x75Lx4F	4	0,5	4	12	75
HM65-4RX	CR65-4R0.5x4Dx18x100Lx4F	4	0,5	4	18	100
HM65-4RL	CR65-4R1.0x4Dx12x75Lx4F	4	1	4	12	75
HM65-4RX	CR65-4R1.0x4Dx18x100Lx4F	4	1	4	18	100
HM65-4RL	CR65-5R0.2x6Dx22x75Lx4F	5	0,2	6	22	75
HM65-4RX	CR65-5R0.2x6Dx28x100Lx4F	5	0,2	6	28	100
HM65-4RL	CR65-5R0.3x6Dx22x75Lx4F	5	0,3	6	22	75
HM65-4RX	CR65-5R0.3x6Dx28x100Lx4F	5	0,3	6	28	100
HM65-4RL	CR65-5R0.5x6Dx22x75Lx4F	5	0,5	6	22	75
HM65-4RX	CR65-5R0.5x6Dx28x100Lx4F	5	0,5	6	28	100
HM65-4RL	CR65-5R1.0x6Dx22x75Lx4F	5	1	6	22	75
HM65-4RX	CR65-5R1.0x6Dx28x100Lx4F	5	1	6	28	100
HM65-4RL	CR65-6R0.2x6Dx22x75Lx4F	6	0,2	6	22	75
HM65-4RX	CR65-6R0.2x6Dx28x100Lx4F	6	0,2	6	28	100
HM65-4RL	CR65-6R0.3x6Dx75Lx4F	6	0,3	6	22	75
HM65-4RX	CR65-6R0.3x6Dx100Lx4F	6	0,3	6	28	100
HM65-4RL	CR65-6R0.5x6Dx75Lx4F	6	0,5	6	22	75
HM65-4RX	CR65-6R0.5x6Dx22x100Lx4F	6	0,5	6	28	100
HM65-4RL	CR65-6R1.0x6Dx28x75Lx4F	6	1	6	22	75
HM65-4RX	CR65-6R1.0x6Dx100Lx4F	6	1	6	28	100

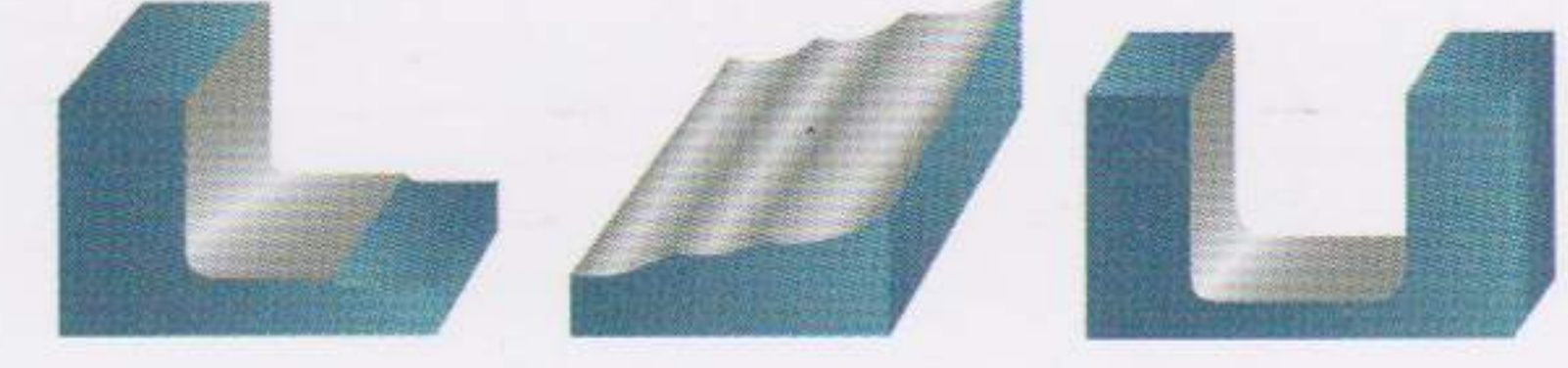
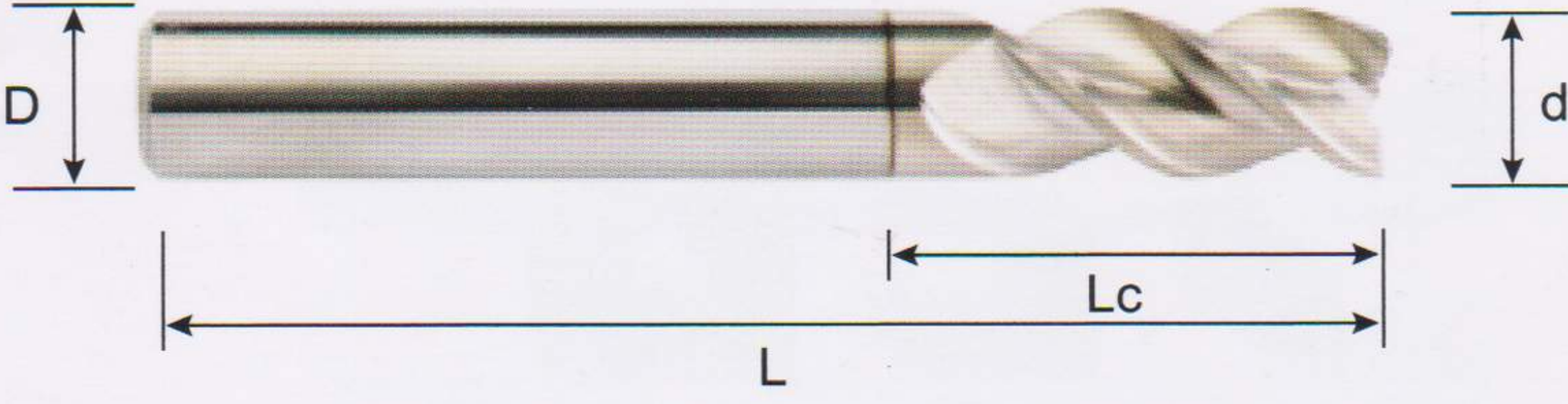
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	R	D	Lc	L
HM65-4RL	CR65-8R0.2x8Dx20x75Lx4F	8	0,2	8	20	75
HM65-4RX	CR65-8R0.2x8Dx28x100Lx4F	8	0,2	8	28	100
HM65-4RL	CR65-8R0.5x8Dx20x75Lx4F	8	0,5	8	20	75
HM65-4RX	CR65-8R0.5x8Dx28x100Lx4F	8	0,5	8	28	100
HM65-4RL	CR65-8R1.0x8Dx28x75Lx4F	8	1	8	28	75
HM65-4RX	CR65-8R1.0x8Dx28x100Lx4F	8	1	8	28	100
HM65-4RL	CR65-8R1.5x8Dx28x75Lx4F	8	1,5	8	28	75
HM65-4RX	CR65-8R1.5x8Dx28x100Lx4F	8	1,5	8	28	100
HM65-4RL	CR65-8R2.0x8Dx28x75Lx4F	8	2	8	28	75
HM65-4RX	CR65-8R2.0x8Dx28x100Lx4F	8	2	8	28	100
HM65-4RL	CR65-10R0.2x10Dx30x100Lx4F	10	0,2	10	30	100
HM65-4RL	CR65-10R0.5x10Dx30x100Lx4F	10	0,5	10	30	100
HM65-4RL	CR65-10R1.0x10Dx30x100Lx4F	10	1	10	30	100
HM65-4RL	CR65-10R1.5x10Dx30x100Lx4F	10	1,5	10	30	100
HM65-4RL	CR65-10R2.0x10Dx100Lx4F	10	2	10	30	100
HM65-4RL	CR65-12R0.5x12Dx40x100Lx4F	12	0,5	12	40	100
HM65-4RL	CR65-12R1.0x12Dx40x100Lx4F	12	1	12	40	100
HM65-4RL	CR65-12R1.5x12Dx40x100Lx4F	12	1,5	12	40	100
HM65-4RL	CR65-12R2.0x12Dx40x100Lx4F	12	2	12	40	100

■ 4 AĞIZLI PASLANMAZ İÇİN KARBÜR PARMAK FREZE 58 HRC



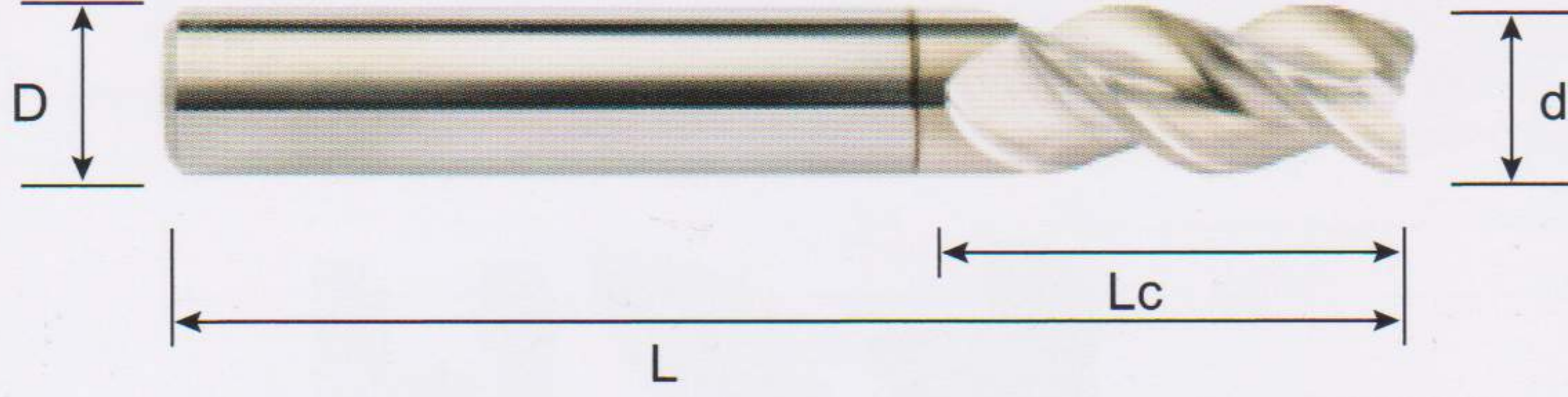
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
SS-4E	ESS-1x3x4x50x4F	1	4	3	50
SS-4E	ESS-1.5x5x4x50x4F	1,5	4	5	50
SS-4E	ESS-2x6x4x50x4F	2	4	6	50
SS-4E	ESS-2.5x6x4x50x4F	2,5	4	6	50
SS-4E-D.3	ESS-3x8x3x50x4F	3	3	8	50
SS-4E-D.4	ESS-3x8x4x50x4F	3	4	8	50
SS-4E	ESS-4x12x4x50x4F	4	4	12	50
SS-4E-D.5	ESS-5x15x5x50x4F	5	5	15	50
SS-4E-D.6	ESS-5x15x6x50x4F	5	6	15	50
SS-4E	ESS-6x18x6x50x4F	6	6	18	50
SS-4E	ESS-8x20x8x60x4F	8	8	20	60
SS-4E	ESS-10x25x10x75x4F	10	10	25	75
SS-4E	ESS-12x30x12x75x4F	12	12	30	75
SS-4E	ESS-14x32x14x100x4F	14	14	32	100
SS-4E	ESS-16x42x16x100x4F	16	16	42	100
SS-4E	ESS-18x45x18x100x4F	18	18	45	100
SS-4E	ESS-20x50x20x100x4F	20	20	50	100

■ 3 AĞIZLI ALÜMİNYUM İÇİN KARBÜR PARMAK FREZE 45 HRC



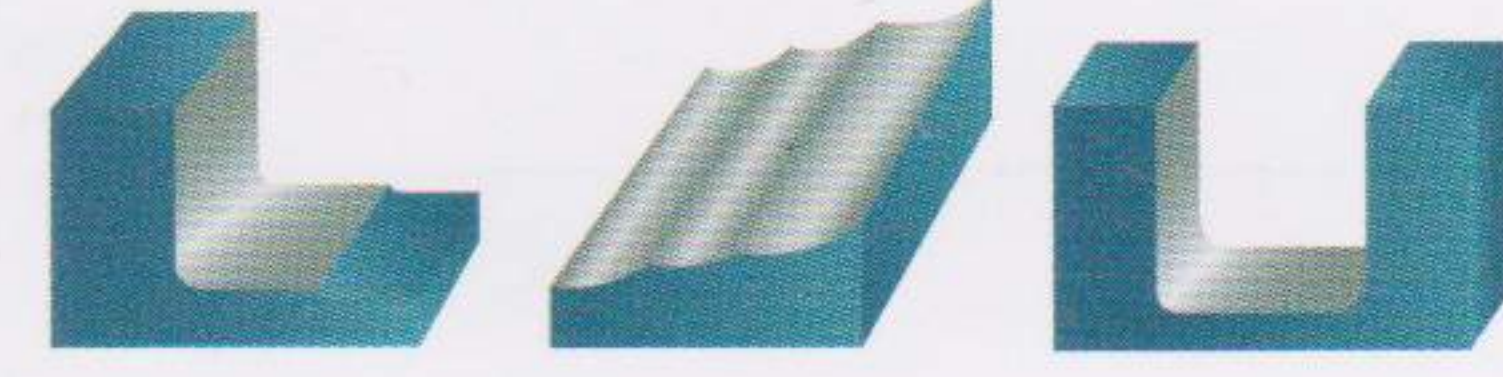
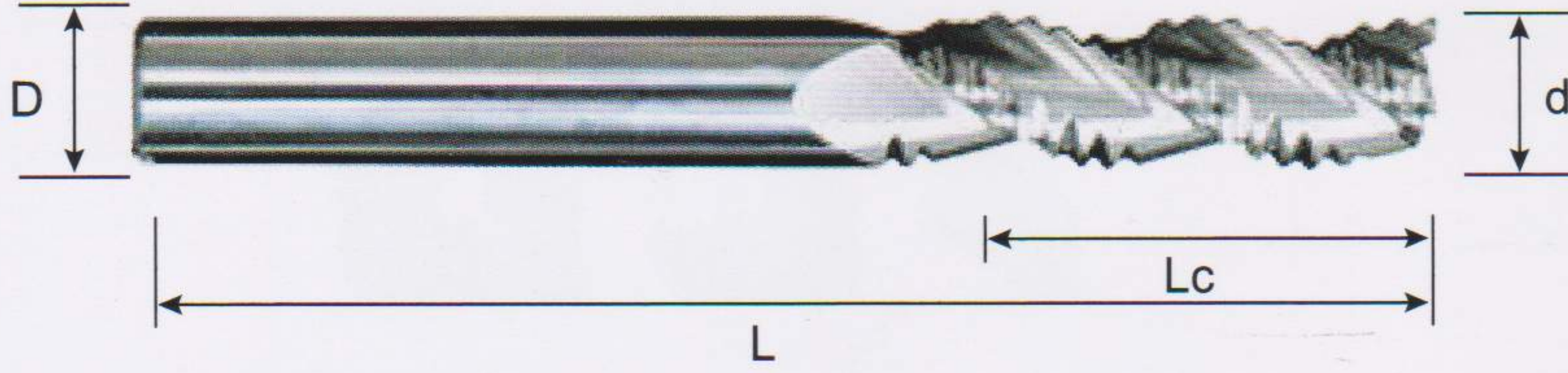
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
AL-3E	EAL-1x3x4x50x3F	1	4	3	50
AL-3E	EAL-1.5x5x4x50x3F	1,5	4	4	50
AL-3E	EAL-2x6x4x50x3F	2	4	5	50
AL-3E	EAL-2.5x7x4x50x3F	2,5	4	7	50
AL-3E	EAL-3x8x3x50x3F	3	3	8	50
AL-3E	EAL-3x8x4x50x3F	3	4	8	50
AL-3E	EAL-4x10x4x50x3F	4	4	10	50
AL-3E	EAL-5x13x5x50x3F	5	5	13	50
AL-3E	EAL-5x13x6x50x3F	5	6	13	50
AL-3E	EAL-6x15x6x50x3F	6	6	15	50
AL-3E	EAL-8x20x8x60x3F	8	8	20	60
AL-3E	EAL-10x25x10x75x3F	10	10	25	75
AL-3E	EAL-12x30x12x75x3F	12	12	30	75
AL-3E	EAL-14x40x14x100x3F	14	14	40	100
AL-3E	EAL-16x42x16x100x3F	16	16	42	100
AL-3E	EAL-18x45x18x100x3F	18	18	45	100
AL-3E	EAL-20x48x20x100x3F	20	20	48	100

■ 3 AĞIZLI ALÜMİNYUM İÇİN UZUN BOY KARBÜR PARMAK FREZE 45 HRC



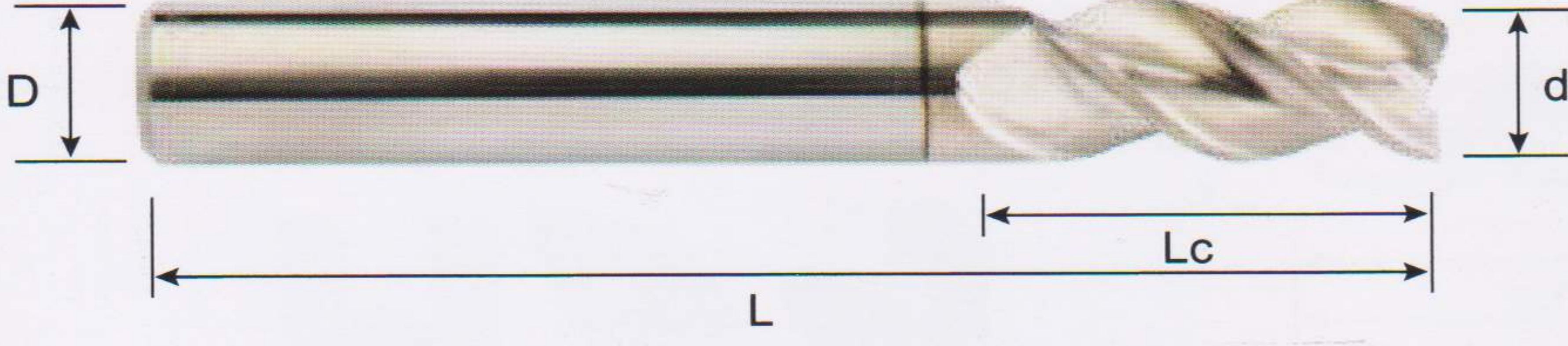
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
AL-3EL	EAL-3x12x3x100x3F	3	3	12	100
AL-3EL	EAL-4x12x4x100x3F	4	4	12	100
AL-3EL	EAL-5x13x5x100x3F	5	5	13	100
AL-3EL	EAL-6x16x6x100x3F	6	6	16	100
AL-3EL	EAL-8x25x8x100x3F	8	8	25	100
AL-3EL	EAL-10x30x10x100x3F	10	10	30	100
AL-3EL	EAL-12x32x12x100x3F	12	12	32	100

■ 3 AĞIZLI ALÜMİNYUM İÇİN KABATALAŞ KARBÜR PARMAK FREZE 45 HRC



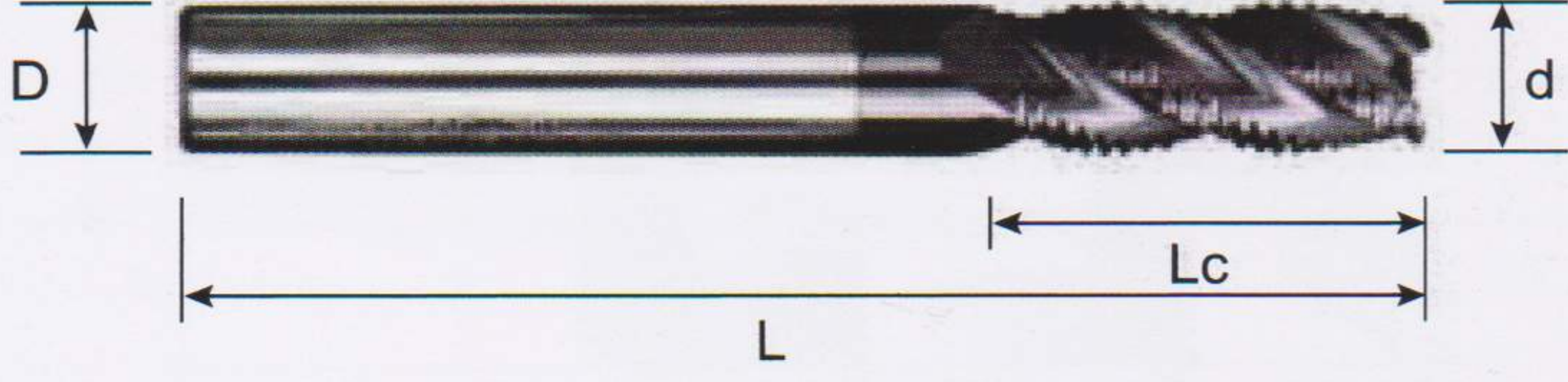
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
AL-3W	FAL-3x10x4x50x3F	3	4	10	50
AL-3W	FAL-4x10x4x50x3F	4	4	10	50
AL-3W	FAL-5*13*5*50*3F	5	5	13	50
AL-3W	FAL-6*16*6*50*3F	6	6	16	50
AL-3W	FAL-8*20*8*60*3F	8	8	20	60
AL-3W	FAL-10*25*10*75*3F	10	10	25	75
AL-3W	FAL-12*30*12*75*3F	12	12	30	75
AL-3W	FAL-14*40*14*100*3F	14	14	40	100
AL-3W	FAL-16*45*16*100*3F	16	16	45	100
AL-3W	FAL-18*45*18*100*3F	18	18	45	100
AL-3W	FAL-20*45*20*100*3F	20	20	45	100

■ 3 AĞIZLI ALÜMİNYUM İÇİN KARBÜR PARMAK FREZE 55 HRC



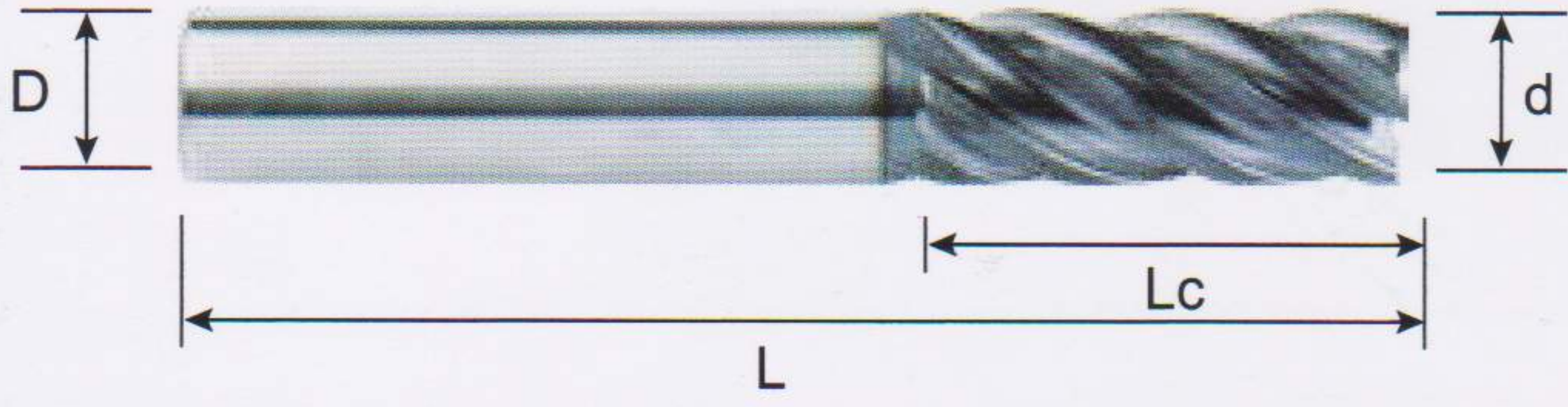
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
NM-3E	NM-1x3x4x50x3F	1	4	3	50
NM-3E	NM-1.5x5x4x50x3F	1,5	4	4	50
NM-3E	NM-2x6x4x50x3F	2	4	5	50
NM-3E	NM-2.5x7x4x50x3F	2,5	4	7	50
NM-3E	NM-3x8x3x50x3F	3	3	8	50
NM-3E	NM-3x8x4x50x3F	3	4	8	50
NM-3E	NM-4x10x4x50x3F	4	4	10	50
NM-3E	NM-5x13x5x50x3F	5	5	13	50
NM-3E	NM-6x15x6x50x3F	6	6	15	50
NM-3E	NM-8x20x8x60x3F	8	8	20	60
NM-3E	NM-10x25x10x75x3F	10	10	25	75
NM-3E	NM-12x30x12x75x3F	12	12	30	75
NM-3E	NM-14x40x14x100x3F	14	14	40	100
NM-3E	NM-16x42x16x100x3F	16	16	42	100
NM-3E	NM-18x45x18x100x3F	18	18	45	100
NM-3E	NM-20x48x20x100x3F	20	20	48	100

4 AĞIZLI KABATALAŞ KARBÜR PARMAK FREZE 55HRC



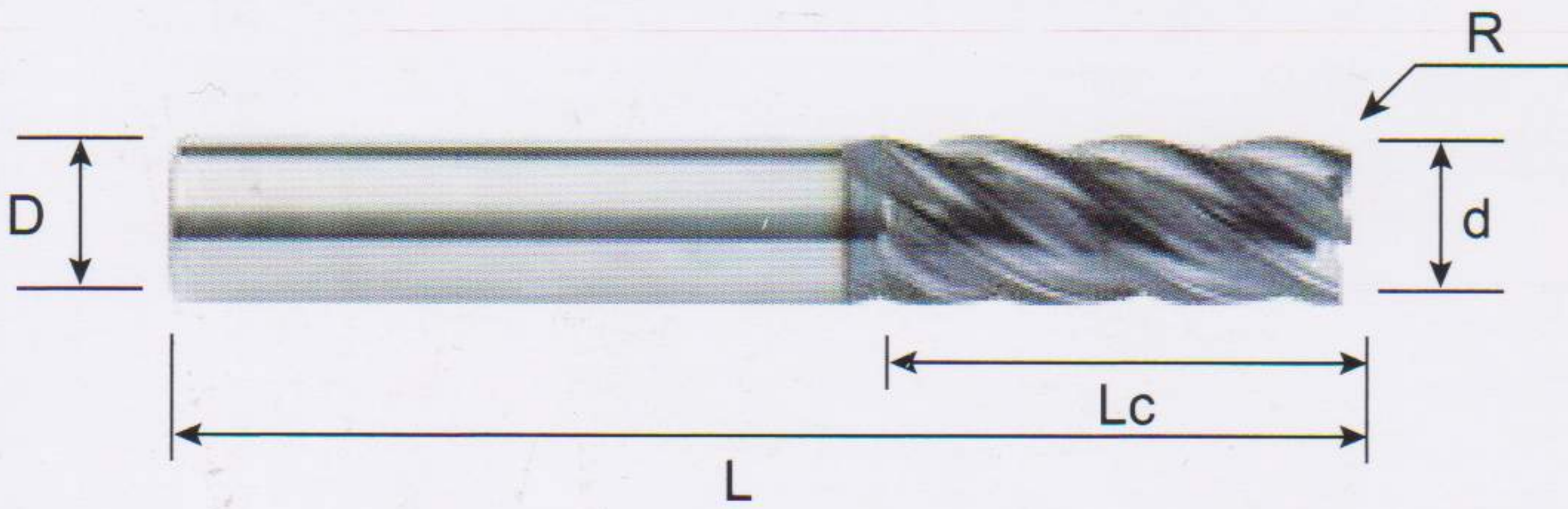
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L
PM55-4W	F55-3x10x4x50x4F	3	4	10	50
PM55-4W	F55-4x10x4x50x4F	4	4	10	50
PM55-4W	F55-5x13x5x50x4F	5	5	13	50
PM55-4W	F55-6x16x6x50x4F	6	6	16	50
PM55-4W	F55-8x20x8x60x4F	8	8	20	60
PM55-4W	F55-10x25x10x75x4F	10	10	25	75
PM55-4W	F55-12x30x12x75x4F	12	12	30	75
PM55-4W	F55-14x40x14x100x4F	14	14	40	100
PM55-4W	F55-16x45x16x100x4F	16	16	45	100
PM55-4W	F55-18x45x18x100x4F	18	18	45	100
PM55-4W	F55-20x50x20x100x4F	20	20	50	100

5 AĞIZLI DEĞİŞKEN HELİSLİ KÖŞE PAHLI YÜKSEK PERFORMANS KARBÜR PARMAK FREZE



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	PAH	D	Lc	L
5777-5V1-d4.0	4C0.2*6*12*55*5F	4	0.2	6	12	55
5777-5V1-d5.0	5C0.2*6*13*57*5F	5	0.2	6	13	57
5777-5V1-d6.0	6C0.2*6*13*57*5F	6	0.2	6	13	57
5777-5V1-d8.0	8C0.2*8*16*63*5F	8	0.2	8	16	63
5777-5V1-d10.0	10C0.5*10*27*72*5F	10	0.5	10	27	72
5777-5V1-d12.0	12C0.5*12*32*83*5F	12	0.5	12	32	83
5777-5V1-d16.0	16C0.5*16*40*92*5F	16	0.5	16	40	92

5 AĞIZLI DEĞİŞKEN HELİSLİ KÖŞE RADÜSLÜ YÜKSEK PERFORMANS KARBÜR PARMAK FREZE



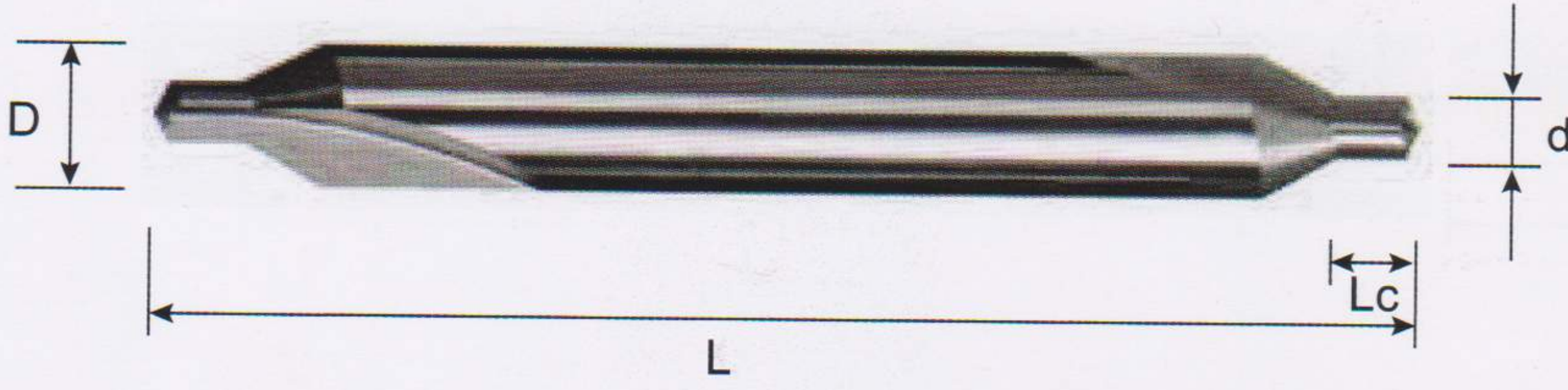
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	PAH	D	Lc	L
5777-5V2-d4.0	4R0.5*6*12*55*5F	4	0.5	6	12	55
5777-5V2-d5.0	5R0.5*6*13*57*5F	5	0.5	6	13	57
5777-5V2-d6.0	6R0.5*6*13*57*5F	6	0.5	6	13	57
5777-5V2-d8.0	8R1.0*8*16*63*5F	8	1	8	16	63
5777-5V2-d10.0	10R1.0*10*27*72*5F	10	1	10	27	72
5777-5V2-d12.0	12R1.0*12*32*83*5F	12	1	12	32	83
5777-5V2-d16.0	16R2.0*16*40*92*5F	16	2	16	40	92

■ 2 AĞIZLI KARBÜR NC PUNTA MATKAPLARI



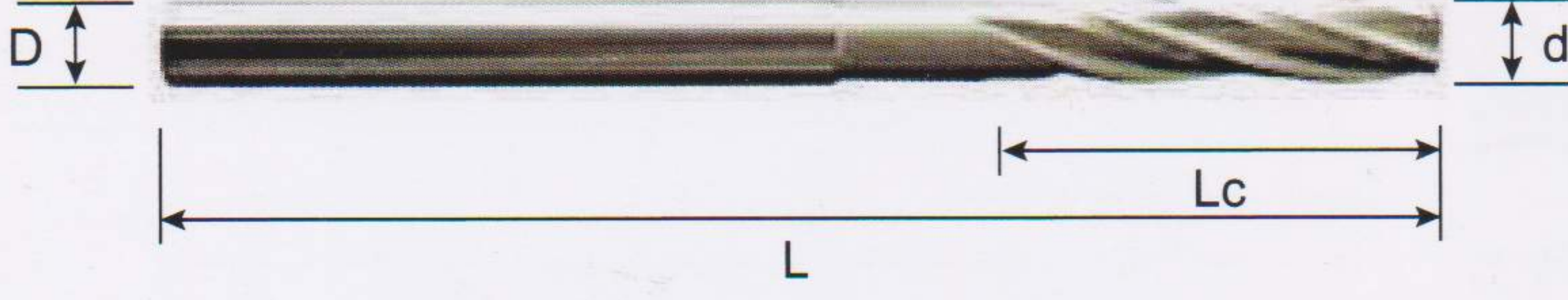
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L	Z. (Teeth)
GM45-2S-3.0B	SD-3x13x3x50x2F	3	3	13	50	2
GM45-2S-4.0	SD-4x15x4x50x2F	4	4	15	50	2
GM45-2S-5.0B	SD-5x18x5x60x2F	5	5	18	60	2
GM45-2S-6.0	SD-6x20x6x65x2F	6	6	20	65	2
GM45-2S-8.0	SD-8x25x8x75x2F	8	8	25	75	2
GM45-2S-10.0	SD-10x30x10x85x2F	10	10	30	85	2
GM45-2S-12.0	SD-12x35x12x100x2F	12	12	35	100	2
GM45-2S-16.0	SD-16x35x16x100x2F	16	16	35	100	2

■ 2 AĞIZLI KARBÜR PUNTA MATKAPLARI



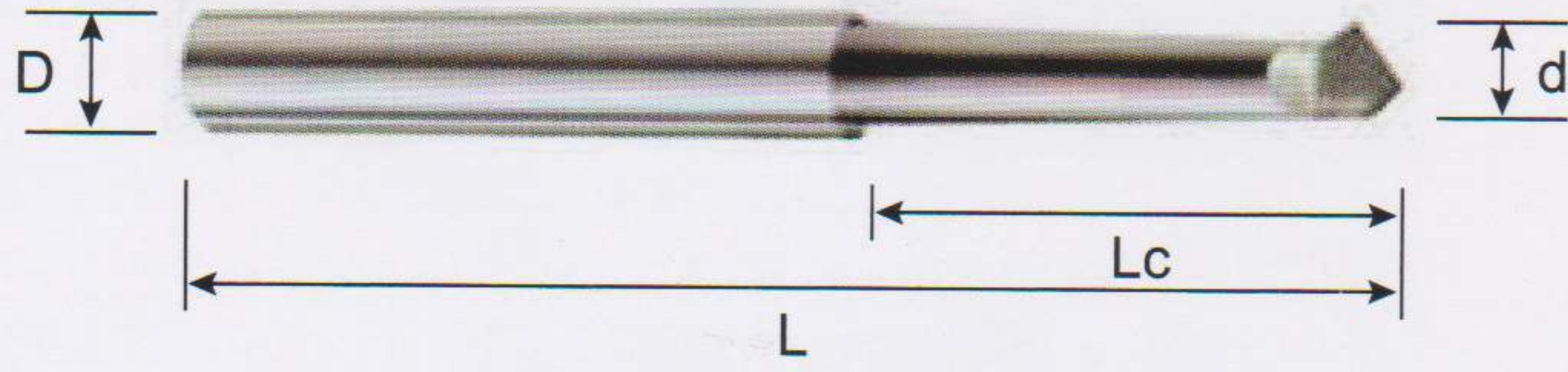
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L	Z (Teeth)
GM45-2C2-d1.0D3.15	CD-1x1.6x6.15x40	1	3,15	1,6	40	2
GM45-2C2-d1.25D3.15	CD-1.25x1.8x3.15x40	1,25	3,15	1,8	40	2
GM45-2C2-d1.6D4.0	CD-1.6x2.4x4x40	1,6	4	2,4	40	2
GM45-2C2-d2.0D5.0	CD-2.0x2.8x4x40	2	5	2,8	40	2
GM45-2C2-d2.5D6.3	CD-2.5x3.4x6.3x50	2,5	6,3	3,4	50	2
GM45-2C2-d3.15D8.0	CD-3.15x4.1x8x50	3,15	8	4,1	50	2
GM45-2C2-d4.0D10.0	CD-4x5.2x10x60	4	10	5,2	60	2
GM45-2C2-d5.0D12.5	CD-5x6.5x12.5x70	5	12,5	6,5	70	2
GM45-2C2-d6.3D16.0	CD-6.3x8.2x16x70	6,3	16	8,2	70	2
GM45-2C2-d8.0D20.0	CD-8x10.5x20x80	8	20	10,5	80	2

■ 6 AĞIZLI KARBÜR RAYBA



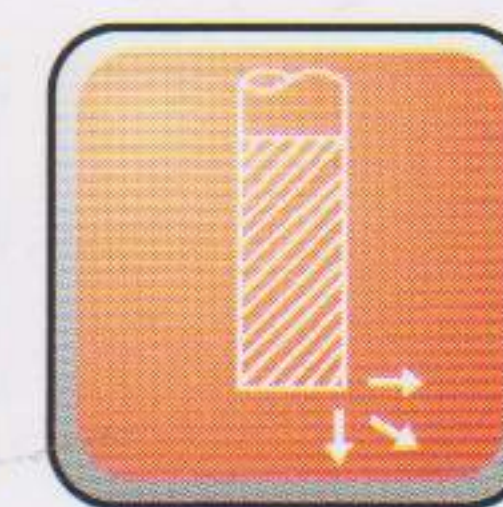
	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L	Z
PM55-6M-d3.0B	REM-3x15x3x60	3	3	15	60	6
PM55-6M-d4.0	REM-4x19x4x75	4	4	19	75	6
PM55-6M-d5.0B	REM-5x23x5x85	5	5	23	85	6
PM55-6M-d6.0	REM-6x26x6x90	6	6	26	90	6
PM55-6M-d8.0	REM-8x33x8x110	8	8	33	110	6
PM55-6M-d10.0	REM-10x35x10x130	10	10	35	130	6
PM55-6M-d12.0	REM-12x45x12x150	12	12	45	150	6
PM55-6M-d14.0	REM-14x45x14x150	14	14	45	150	6
PM55-6M-d16.0	REM-16x45x16x150	16	16	45	150	6

■ KARBÜR MİNİ DELİK TAKIMLARI



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	D	Lc	L	Z
PM55-1T-2.0B	T-2x10x2x35	2	2	10	35	1
PM55-1T-3.0B	T-3x15x3x40	3	3	15	40	1
PM55-1T-4.0B	T-4x15x4x50	4	4	15	50	1
PM55-1T-5.0B	T-5x25x5x50	5	5	25	50	1
PM55-1T-6.0B	T-6x30x6x60	6	6	30	60	1
PM55-1T-8.0B	T-8x35x8x70	8	8	35	70	1
PM55-1T-10.0B	T-10x40x10x70	10	10	40	70	1
PM55-1T-12.0B	T-12x40x12x80	12	12	40	80	1

■ 2 AĞIZLI DÜZ DALMA BOY FREZE 58 HRC



	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	DAL-MA BOY	KES-ME BOY	TOPLAM BOY	ŞAFT	Z (Te-eth)
HM58-2EP-d0.5-M2	E58-φ0.5xD4 x0.7x2x45x2F	0,5	2	0,7	45	4	2
HM58-2EP-d0.5-M2.5	E58-φ0.5xD4 x0.7x2.5x45x2F	0,5	2,5	0,7	45	4	2
HM58-2EP-d0.5-M4	E58-φ0.5xD4 x0.7x4x45x2F	0,5	4	0,7	45	4	2
HM58-2EP-d0.5-M6	E58-φ0.5xD4 x0.7x6x45x2F	0,5	6	0,7	45	4	2
HM58-2EP-d0.5-M8	E58-φ0.5xD4 x0.7x8x45x2F	0,5	8	0,7	45	4	2
HM58-2EP-d0.6-M2	E58-φ0.6xD4 x0.9x2x45x2F	0,6	2	0,9	45	4	2
HM58-2EP-d0.6-M3	E58-φ0.6xD4 x0.9x3x45x2F	0,6	3	0,9	45	4	2
HM58-2EP-d0.6-M4	E58-φ0.6xD4 x0.9x4x45x2F	0,6	4	0,9	45	4	2
HM58-2EP-d0.6-M6	E58-φ0.6xD4 x0.9x6x45x2F	0,6	6	0,9	45	4	2
HM58-2EP-d0.6-M8	E58-φ0.6xD4 x0.9x8x45x2F	0,6	8	0,9	45	4	2
HM58-2EP-d0.6-M10	E58-φ0.6xD4 x0.9x10x45x2F	0,6	10	0,9	45	4	2
HM58-2EP-d0.8-M2	E58-φ0.8xD4 x1.2x2x45x2F	0,8	2	1,2	45	4	2
HM58-2EP-d0.8-M4	E58-φ0.8xD4 x1.2x4x45x2F	0,8	4	1,2	45	4	2
HM58-2EP-d0.8-M6	E58-φ0.8xD4 x1.2x6x45x2F	0,8	6	1,2	45	4	2
HM58-2EP-d0.8-M8	E58-φ0.8xD4 x1.2x8x45x2F	0,8	8	1,2	45	4	2
HM58-2EP-d0.8-M10	E58-φ0.8xD4 x1.2x10x45x2F	0,8	10	1,2	45	4	2
HM58-2EP-d0.8-M12	E58-φ0.8xD4 x1.2x12x45x2F	0,8	12	1,2	45	4	2
HM58-2EP-d1-M4	E58-φ1xD4 x1.5x4x45x2F	1	4	1,5	45	4	2
HM58-2EP-d1-M6	E58-φ1xD4 x1.5x6x45x2F	1	6	1,5	45	4	2
HM58-2EP-d1-M8	E58-φ1xD4 x1.5x8x45x2F	1	8	1,5	45	4	2
HM58-2EP-d1-M10	E58-φ1xD4 x1.5x10x45x2F	1	10	1,5	45	4	2
HM58-2EP-d1-M12	E58-φ1xD4 x1.5x12x45x2F	1	12	1,5	45	4	2
HM58-2EP-d1-M16	E58-φ1xD4 x1.5x16x50x2F	1	16	1,5	50	4	2
HM58-2EP-d1-M20	E58-φ1xD4 x1.5x20x55x2F	1	20	1,5	55	4	2
HM58-2EP-d1.2-M6	E58-φ1.2xD4 x1.8x6x45x2F	1,2	6	1,8	45	4	2
HM58-2EP-d1.2-M8	E58-φ1.2xD4 x1.8x8x45x2F	1,2	8	1,8	45	4	2
HM58-2EP-d1.2-M10	E58-φ1.2xD4 x1.8x10x45x2F	1,2	10	1,8	45	4	2

	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	DAL-MA BOY	KES-ME BOY	TOPLAM BOY	ŞAFT	Z (Te-eth)
HM58-2EP-d1.2-M12	E58-φ1.2xD4 x1.8x12x45x2F	1,2	12	1,8	45	4	2
HM58-2EP-d1.2-M16	E58-φ1.2xD4 x1.8x16x45x2F	1,2	16	1,8	50	4	2
HM58-2EP-d1.5-M6	E58-φ1.5xD4 x2.3x6x45x2F	1,5	6	2,3	45	4	2
HM58-2EP-d1.5-M8	E58-φ1.5xD4 x2.3x8x45x2F	1,5	8	2,3	45	4	2
HM58-2EP-d1.5-M10	E58-φ1.5xD4 x2.3x10x45x2F	1,5	10	2,3	45	4	2
HM58-2EP-d1.5-M12	E58-φ1.5xD4 x2.3x12x45x2F	1,5	12	2,3	45	4	2
HM58-2EP-d1.5-M14	E58-φ1.5xD4 x2.3x14x50x2F	1,5	14	2,3	50	4	2
HM58-2EP-d1.5-M16	E58-φ1.5xD4 x2.3x16x50x2F	1,5	16	2,3	50	4	2
HM58-2EP-d1.5-M18	E58-φ1.5xD4 x2.3x18x55x2F	1,5	18	2,3	55	4	2
HM58-2EP-d1.5-M20	E58-φ1.5xD4 x2.3x20x55x2F	1,5	20	2,3	55	4	2
HM58-2EP-d2-M6	E58-φ2xD4 x3x6x45x2F	2	6	3	45	4	2
HM58-2EP-d2-M8	E58-φ2xD4 x3x8x45x2F	2	8	3	45	4	2
HM58-2EP-d2-M10	E58-φ2xD4 x3x10x45x2F	2	10	3	45	4	2
HM58-2EP-d2-M12	E58-φ2xD4 x3x12x45x2F	2	12	3	45	4	2
HM58-2EP-d2-M14	E58-φ2xD4 x3x14x50x2F	2	14	3	50	4	2
HM58-2EP-d2-M16	E58-φ2xD4 x3x16x50x2F	2	16	3	50	4	2
HM58-2EP-d2-M18	E58-φ2xD4 x3x18x55x2F	2	18	3	55	4	2
HM58-2EP-d2-M20	E58-φ2xD4 x3x20x55x2F	2	20	3	55	4	2
HM58-2EP-d2-M25	E58-φ2xD4 x3x25x60x2F	2	25	3	60	4	2
HM58-2EP-d2-M30	E58-φ2xD4 x3x30x70x2F	2	30	3	70	4	2
HM58-2EP-d3-M10	E58-φ3xD6 x4.5x10x45x2F	3	10	4,5	45	6	2
HM58-2EP-d3-M12	E58-φ3xD6 x4.5x12x45x2F	3	12	4,5	45	6	2
HM58-2EP-d3-M14	E58-φ3xD6 x4.5x14x50x2F	3	14	4,5	50	6	2
HM58-2EP-d3-M16	E58-φ3xD6 x4.5x16x55x2F	3	16	4,5	55	6	2
HM58-2EP-d3-M18	E58-φ3xD6 x4.5x18x55x2F	3	18	4,5	55	6	2
HM58-2EP-d3-M20	E58-φ3xD6 x4.5x20x55x2F	3	20	4,5	55	6	2
HM58-2EP-d3-M25	E58-φ3xD6 x4.5x25x60x2F	3	25	4,5	60	6	2
HM58-2EP-d3-M30	E58-φ3xD6 x4.5x30x70x2F	3	30	4,5	70	6	2
HM58-2EP-d4-M12	E58-φ4xD6 x5.8x12x45x2F	4	12	5,8	45	6	2
HM58-2EP-d4-M14	E58-φ4xD6 x5.8x14x45x2F	4	14	5,8	50	6	2
HM58-2EP-d4-M16	E58-φ4xD6 x5.8x16x45x2F	4	16	5,8	55	6	2
HM58-2EP-d4-M18	E58-φ4xD6 x5.8x18x45x2F	4	18	5,8	55	6	2
HM58-2EP-d4-M20	E58-φ4xD6 x5.8x20x45x2F	4	20	5,8	55	6	2
HM58-2EP-d4-M25	E58-φ4xD6 x5.8x25x45x2F	4	25	5,8	60	6	2
HM58-2EP-d4-M30	E58-φ4xD6 x5.8x30x45x2F	4	30	5,8	70	6	2

■ 2 AĞIZLI RADÜS DALMA BOY KARBÜR FREZE 58 HRC

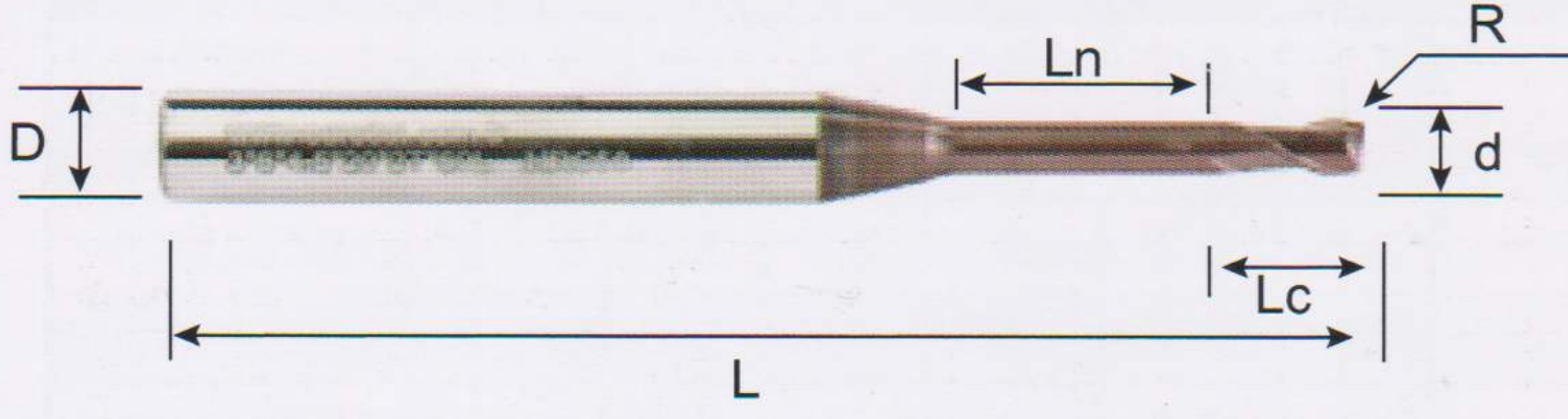


	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM58-2BP-R0.25-M2	B58-φ0.5xR0.25xD4 x0.4 x2x45x2F	0,5	0,25	2	0,4	45	4	2
HM58-2BP-R0.25-M2.5	B58-φ0.5xR0.25xD4 x0.4 x2.5x45x2F	0,5	0,25	2,5	0,4	45	4	2
HM58-2BP-R0.25-M4	B58-φ0.5xR0.25xD4 x0.4 x4x45x2F	0,5	0,25	4	0,4	45	4	2
HM58-2BP-R0.25-M6	B58-φ0.5xR0.25xD4 x0.4 x6x45x2F	0,5	0,25	6	0,4	45	4	2
HM58-2BP-R0.25-M8	B58-φ0.5xR0.25xD4 x0.4 x8x45x2F	0,5	0,25	8	0,4	45	4	2
HM58-2BP-R0.3-M2	B58-φ0.6xR0.3xD4 x0.5 x2x45x2F	0,6	0,3	2	0,5	45	4	2
HM58-2BP-R0.3-M3	B58-φ0.6xR0.3xD4 x0.5 x3x45x2F	0,6	0,3	3	0,5	45	4	2
HM58-2BP-R0.3-M4	B58-φ0.6xR0.3xD4 x0.5 x4x45x2F	0,6	0,3	4	0,5	45	4	2
HM58-2BP-R0.3-M5	B58-φ0.6xR0.3xD4 x0.5 x5x45x2F	0,6	0,3	5	0,5	45	4	2
HM58-2BP-R0.3-M6	B58-φ0.6xR0.3xD4 x0.5 x6x45x2F	0,6	0,3	6	0,5	45	4	2
HM58-2BP-R0.3-M8	B58-φ0.6xR0.3xD4 x0.5 x8x45x2F	0,6	0,3	8	0,5	45	4	2
HM58-2BP-R0.3-M10	B58-φ0.6xR0.3xD4 x0.5 x10x45x2F	0,6	0,3	10	0,5	45	4	2
HM58-2BP-R0.4-M2	B58-φ0.8xR0.4xD4 x0.6 x2x45x2F	0,8	0,4	2	0,6	45	4	2
HM58-2BP-R0.4-M4	B58-φ0.8xR0.4xD4 x0.6 x4x45x2F	0,8	0,4	4	0,6	45	4	2
HM58-2BP-R0.4-M6	B58-φ0.8xR0.4xD4 x0.6 x6x45x2F	0,8	0,4	6	0,6	45	4	2
HM58-2BP-R0.4-M8	B58-φ0.8xR0.4xD4 x0.6 x8x45x2F	0,8	0,4	8	0,6	45	4	2
HM58-2BP-R0.4-M10	B58-φ0.8xR0.4xD4 x0.6 x10x45x2F	0,8	0,4	10	0,6	45	4	2
HM58-2BP-R0.5-M3	B58-φ1xR0.5xD4 x0.8 x3x45x2F	1	0,5	3	0,8	45	4	2
HM58-2BP-R0.5-M4	B58-φ1xR0.5xD4 x0.8 x4x45x2F	1	0,5	4	0,8	45	4	2
HM58-2BP-R0.5-M5	B58-φ1xR0.5xD4 x0.8 x5x45x2F	1	0,5	5	0,8	45	4	2
HM58-2BP-R0.5-M6	B58-φ1xR0.5xD4 x0.8 x6x45x2F	1	0,5	6	0,8	45	4	2
HM58-2BP-R0.5-M7	B58-φ1xR0.5xD4 x0.8 x7x45x2F	1	0,5	7	0,8	45	4	2
HM58-2BP-R0.5-M8	B58-φ1xR0.5xD4 x0.8 x8x45x2F	1	0,5	8	0,8	45	4	2

	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM58-2BP-R0.5-M9	B58-φ1xR0.5xD4 x0.8 x9x45x2F	1	0,5	9	0,8	45	4	2
HM58-2BP-R0.5-M10	B58-φ1xR0.5xD4 x0.8 x10x45x2F	1	0,5	10	0,8	45	4	2
HM58-2BP-R0.5-M12	B58-φ1xR0.5xD4 x0.8 x12x45x2F	1	0,5	12	0,8	45	4	2
HM58-2BP-R0.5-M14	B58-φ1xR0.5xD4 x0.8 x14x50x2F	1	0,5	14	0,8	50	4	2
HM58-2BP-R0.5-M16	B58-φ1xR0.5xD4 x0.8 x16x50x2F	1	0,5	16	0,8	50	4	2
HM58-2BP-R0.5-M20	B58-φ1xR0.5xD4 x0.8 x20x55x2F	1	0,5	20	0,8	55	4	2
HM58-2BP-R0.6-M6	B58-φ1.2xR0.6xD4 x1 x6x45x2F	1,2	0,6	6	1	45	4	2
HM58-2BP-R0.6-M8	B58-φ1.2xR0.6xD4 x1 x8x45x2F	1,2	0,6	8	1	45	4	2
HM58-2BP-R0.6-M10	B58-φ1.2xR0.6xD4 x1 x10x45x2F	1,2	0,6	10	1	45	4	2
HM58-2BP-R0.6-M12	B58-φ1.2xR0.6xD4 x1 x12x45x2F	1,2	0,6	12	1	45	4	2
HM58-2BP-R0.75-M6	B58-φ1.5xR0.75xD4 x1.2 x6x45x2F	1,5	0,75	6	1,2	45	4	2
HM58-2BP-R0.75-M8	B58-φ1.5xR0.75xD4 x1.2 x8x45x2F	1,5	0,75	8	1,2	45	4	2
HM58-2BP-R0.75-M10	B58-φ1.5xR0.75xD4 x1.2 x10x45x2F	1,5	0,75	10	1,2	45	4	2
HM58-2BP-R0.75-M12	B58-φ1.5xR0.75xD4 x1.2 x12x45x2F	1,5	0,75	12	1,2	45	4	2
HM58-2BP-R0.75-M14	B58-φ1.5xR0.75xD4 x1.2 x14x50x2F	1,5	0,75	14	1,2	50	4	2
HM58-2BP-R0.75-M16	B58-φ1.5xR0.75xD4 x1.2 x16x50x2F	1,5	0,75	16	1,2	50	4	2
HM58-2BP-R0.75-M20	B58-φ1.5xR0.75xD4 x1.2 x20x55x2F	1,5	0,75	20	1,2	55	4	2
HM58-2BP-R1-M4	B58-φ2xR1xD4 x1.6 x4x45x2F	2	1	4	1,6	45	4	2
HM58-2BP-R1-M6	B58-φ2xR1xD4 x1.6 x6x45x2F	2	1	6	1,6	45	4	2
HM58-2BP-R1-M8	B58-φ2xR1xD4 x1.6 x8x45x2F	2	1	8	1,6	45	4	2
HM58-2BP-R1-M10	B58-φ2xR1xD4 x1.6 x10x45x2F	2	1	10	1,6	45	4	2
HM58-2BP-R1-M12	B58-φ2xR1xD4 x1.6 x12x50x2F	2	1	12	1,6	50	4	2
HM58-2BP-R1-M14	B58-φ2xR1xD4 x1.6 x14x50x2F	2	1	14	1,6	50	4	2
HM58-2BP-R1-M16	B58-φ2xR1xD4 x1.6 x16x50x2F	2	1	16	1,6	50	4	2
HM58-2BP-R1-M18	B58-φ2xR1xD4 x1.6 x18x55x2F	2	1	18	1,6	55	4	2
HM58-2BP-R1-M20	B58-φ2xR1xD4 x1.6 x20x55x2F	2	1	20	1,6	55	4	2
HM58-2BP-R1-M22	B58-φ2xR1xD4 x1.6 x22x60x2F	2	1	22	1,6	60	4	2
HM58-2BP-R1-M25	B58-φ2xR1xD4 x1.6 x25x60x2F	2	1	25	1,6	60	4	2
HM58-2BP-R1-M30	B58-φ2xR1xD4 x1.6 x30x70x2F	2	1	30	1,6	70	4	2
HM58-2BP-R1.5-M10	B58-φ3xR1.5xD6 x2.3x10x45x2F	3	1,5	10	2,3	45	6	2
HM58-2BP-R1.5-M12	B58-φ3xR1.5xD6 x2.3x12x45x2F	3	1,5	12	2,3	45	6	2
HM58-2BP-R1.5-M14	B58-φ3xR1.5xD6 x2.3x14x50x2F	3	1,5	14	2,3	50	6	2
HM58-2BP-R1.5-M16	B58-φ3xR1.5xD6 x2.3x16x55x2F	3	1,5	16	2,3	55	6	2
HM58-2BP-R1.5-M18	B58-φ3xR1.5xD6 x2.3x18x55x2F	3	1,5	18	2,3	55	6	2
HM58-2BP-R1.5-M20	B58-φ3xR1.5xD6 x2.3x20x55x2F	3	1,5	20	2,3	55	6	2

	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM58-2BP-R1.5-M25	B58-φ3xR1.5xD6 x2.3x25x60x2F	3	1,5	25	2,3	60	6	2
HM58-2BP-R1.5-M30	B58-φ3xR1.5xD6 x2.3x30x70x2F	3	1,5	30	2,3	70	6	2
HM58-2BP-R2-M12	B58-φ4xR2xD6 x3x12x45x2F	4	2	12	3	45	6	2
HM58-2BP-R2-M14	B58-φ4xR2xD6 x3x14x50x2F	4	2	14	3	50	6	2
HM58-2BP-R2-M16	B58-φ4xR2xD6 x3x16x55x2F	4	2	16	3	55	6	2
HM58-2BP-R2-M18	B58-φ4xR2xD6 x3x18x55x2F	4	2	18	3	55	6	2
HM58-2BP-R2-M20	B58-φ4xR2xD6 x3x20x55x2F	4	2	20	3	55	6	2
HM58-2BP-R2-M25	B58-φ4xR2xD6 x3x25x60x2F	4	2	25	3	60	6	2
HM58-2BP-R2-M30	B58-φ4xR2xD6 x3x30x70x2F	4	2	30	3	70	6	2

2 AĞIZLI KÖŞE RADÜSLÜ DALMA BOY KARBÜR PARMAK FREZE 58 HRC

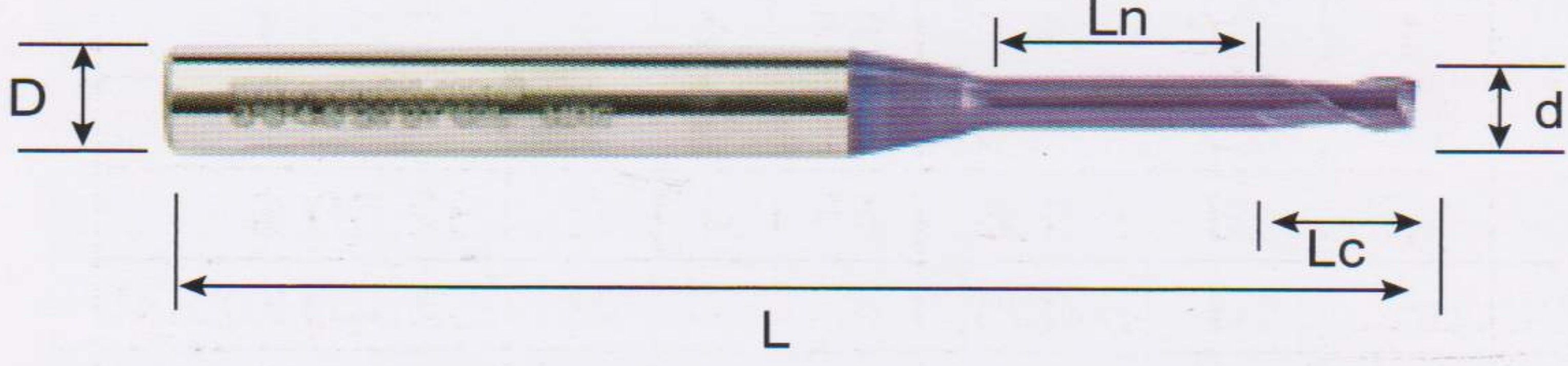


Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM58-2RP-d0.5R0.05-M1.5	B58-0.5R0.05xD4 x0.7x1.5x45x2F	0,5	0,05	1,5	0,7	45	4	2
HM58-2RP-d0.5R0.05-M2.5	B58-0.5R0.05xD4 x0.7x2.5x45x2F	0,5	0,05	2,5	0,7	45	4	2
HM58-2RP-d0.5R0.05-M4	B58-0.5R0.05xD4 x0.7x4x45x2F	0,5	0,05	4	0,7	45	4	2
HM58-2RP-d0.6R0.05-M2	B58-0.6R0.05xD4 x0.9x2x45x2F	0,6	0,05	2	0,9	45	4	2
HM58-2RP-d0.6R0.05-M3	B58-0.6R0.05xD4 x0.9x3x45x2F	0,6	0,05	3	0,9	45	4	2
HM58-2RP-d0.6R0.05-M4	B58-0.6R0.05xD4 x0.9x4x45x2F	0,6	0,05	4	0,9	45	4	2
HM58-2RP-d0.6R0.1-M2	B58-0.6R0.1xD4 x0.9x2x45x2F	0,6	0,1	2	0,9	45	4	
HM58-2RP-d0.7R0.1-M4	B58-0.7R0.1xD4 x1x4x45x2F	0,7	0,1	4	1	45	4	2
HM58-2RP-d0.8R0.1-M2	B58-0.8R0.1xD4 x1.2x2x45x2F	0,8	0,1	2	1,2	45	4	2
HM58-2RP-d0.8R0.1-M4	B58-0.8R0.1xD4 x1.2x4x45x2F	0,8	0,1	4	1,2	45	4	2
HM58-2RP-d0.8R0.1-M6	B58-0.8R0.1xD4 x1.2x6x45x2F	0,8	0,1	6	1,2	45	4	2
HM58-2RP-d1R0.1-M4	B58-1R0.1xD6 x1.5x4x50x2F	1	0,1	4	1,5	50	6	2
HM58-2RP-d1R0.1-M6	B58-1R0.1xD6 x1.5x6x50x2F	1	0,1	6	1,5	50	6	2
HM58-2RP-d1R0.2-M4	B58-1R0.2xD6 x1.5x4x50x2F	1	0,2	4	1,5	50	6	2
HM58-2RP-d1R0.2-M6	B58-1R0.2xD6 x1.5x6x50x2F	1	0,2	6	1,5	50	6	2
HM58-2RP-d1R0.2-M8	B58-1R0.2xD6 x1.5x8x50x2F	1	0,2	8	1,5	50	6	2
HM58-2RP-d1R0.3-M4	B58-1R0.3xD6 x1.5x4x50x2F	1	0,3	4	1,5	50	6	2
HM58-2RP-d1R0.3-M6	B58-1R0.3xD6 x1.5x6x50x2F	1	0,3	6	1,5	50	6	2
HM58-2RP-d1R0.3-M8	B58-1R0.3xD6 x1.5x8x50x2F	1	0,3	8	1,5	50	6	2
HM58-2RP-d1.5R0.2-M4	B58-1.5R0.2xD6 x2.5x4x50x2F	1,5	0,2	4	2,5	50	6	2
HM58-2RP-d1.5R0.2-M6	B58-1.5R0.2xD6 x2.5x6x50x2F	1,5	0,2	6	2,5	50	6	2
HM58-2RP-d1.5R0.2-M8	B58-1.5R0.2xD6 x2.5x8x50x2F	1,5	0,2	8	2,5	50	6	2
HM58-2RP-d1.5R0.2-M10	B58-1.5R0.2xD6 x2.5x10x50x2F	1,5	0,2	10	2,5	50	6	2
HM58-2RP-d1.5R0.2-M12	B58-1.5R0.2xD6 x2.5x12x50x2F	1,5	0,2	12	2,5	50	6	2

Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM58-2RP-d1.5R0.3-M4	B58-1.5R0.3xD6 x2.5x4x50x2F	1,5	0,3	4	2,5	50	6	2
HM58-2RP-d1.5R0.3-M6	B58-1.5R0.3xD6 x2.5x6x50x2F	1,5	0,3	6	2,5	50	6	2
HM58-2RP-d1.5R0.3-M8	B58-1.5R0.3xD6 x2.5x8x50x2F	1,5	0,3	8	2,5	50	6	2
HM58-2RP-d2R0.2-M6	B58-2R0.2xD6 x3x6x50x2F	2	0,2	6	3	50	6	2
HM58-2RP-d2R0.2-M8	B58-2R0.2xD6 x3x8x50x2F	2	0,2	8	3	50	6	2
HM58-2RP-d2R0.2-M10	B58-2R0.2xD6 x3x10x55x2F	2	0,2	10	3	55	6	2
HM58-2RP-d2R0.2-M12	B58-2R0.2xD6 x3x12x55x2F	2	0,2	12	3	55	6	2
HM58-2RP-d2R0.3-M6	B58-2R0.3xD6 x3x6x50x2F	2	0,3	6	3	50	6	2
HM58-2RP-d2R0.3-M8	B58-2R0.3xD6 x3x8x50x2F	2	0,3	8	3	50	6	2
HM58-2RP-d2R0.3-M10	B58-2R0.3xD6 x3x10x55x2F	2	0,3	10	3	55	6	2
HM58-2RP-d2R0.3-M12	B58-2R0.3xD6 x3x12x55x2F	2	0,3	12	3	55	6	2
HM58-2RP-d2R0.3-M16	B58-2R0.3xD6 x3x16x55x2F	2	0,3	16	3	55	6	2
HM58-2RP-d2R0.5-M6	B58-2R0.5xD6 x3x6x50x2F	2	0,5	6	3	50	6	2
HM58-2RP-d2R0.5-M10	B58-2R0.5xD6 x3x10x55x2F	2	0,5	10	3	55	6	2
HM58-2RP-d2R0.5-M12	B58-2R0.5xD6 x3x12x55x2F	2	0,5	12	3	55	6	2
HM58-2RP-d3R0.2-M8	B58-3R0.2xD6 x4x8x55x2F	3	0,2	8	4	55	6	2
HM58-2RP-d3R0.2-M10	B58-3R0.2xD6 x4x10x55x2F	3	0,2	10	4	55	6	2
HM58-2RP-d3R0.2-M12	B58-3R0.2xD6 x4x12x55x2F	3	0,2	12	4	55	6	2
HM58-2RP-d3R0.2-M16	B58-3R0.2xD6 x4x16x55x2F	3	0,2	16	4	55	6	2
HM58-2RP-d3R0.3-M8	B58-3R0.3xD6 x4x8x55x2F	3	0,3	8	4	55	6	2
HM58-2RP-d3R0.3-M10	B58-3R0.3xD6 x4x10x55x2F	3	0,3	10	4	55	6	2
HM58-2RP-d3R0.3-M12	B58-3R0.3xD6 x4x12x55x2F	3	0,3	12	4	55	6	2
HM58-2RP-d3R0.3-M16	B58-3R0.3xD6 x4x16x55x2F	3	0,3	16	4	55	6	2
HM58-2RP-d3R0.5-M10	B58-3R0.5xD6 x4x10x55x2F	3	0,5	10	4	55	6	2
HM58-2RP-d3R0.5-M12	B58-3R0.5xD6 x4x12x55x2F	3	0,5	12	4	55	6	2
HM58-2RP-d3R0.5-M16	B58-3R0.5xD6 x4x16x55x2F	3	0,5	16	4	55	6	2
HM58-2RP-d3R0.5-M20	B58-3R0.5xD6 x4x20x55x2F	3	0,5	20	4	55	6	2
HM58-2RP-d4R0.2-M12	B58-4R0.2xD6 x5x12x55x2F	4	0,2	12	5	55	6	2
HM58-2RP-d4R0.2-M16	B58-4R0.2xD6 x5x16x55x2F	4	0,2	16	5	55	6	2
HM58-2RP-d4R0.2-M20	B58-4R0.2xD6 x5x20x55x2F	4	0,2	20	5	55	6	2
HM58-2RP-d4R0.3-M10	B58-4R0.3xD6 x5x10x55x2F	4	0,3	10	5	55	6	2
HM58-2RP-d4R0.3-M12	B58-4R0.3xD6 x5x12x55x2F	4	0,3	12	5	55	6	2
HM58-2RP-d4R0.3-M16	B58-4R0.3xD6 x5x16x55x2F	4	0,3	16	5	55	6	2
HM58-2RP-d4R0.3-M20	B58-4R0.3xD6 x5x20x55x2F	4	0,3	20	5	55	6	2
HM58-2RP-d4R0.5-M12	B58-4R0.5xD6 x5x12x55x2F	4	0,5	12	5	55	6	2
HM58-2RP-d4R0.5-M16	B58-4R0.5xD6 x5x16x55x2F	4	0,5	16	5	55	6	2
HM58-2RP-d4R0.5-M20	B58-4R0.5xD6 x5x20x55x2F	4	0,5	20	5	55	6	2
HM58-2RP-d4R1-M12	B58-4R1xD6 x5x12x55x2F	4	1	12	5	55	6	2

Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM58-2RP-d4R1-M16	B58-4R1xD6 x5x16x55x2F	4	1	16	5	60	6	2
HM58-2RP-d6R0.3-M20	B58-6R0.3xD6 x7x20x60x2F	6	0,3	20	7	60	6	2
HM58-2RP-d6R0.5-M20	B58-6R0.5xD6 x7x20x60x2F	6	0,5	20	7	60	6	2
HM58-2RP-d6R1-M20	B58-6R1xD6 x7x20x60x2F	6	1	20	7	60	6	2
HM58-2RP-d6R1.5-M20	B58-6R1.5xD6 x7x20x60x2F	6	1,5	20	7	60	6	2
HM58-2RP-d6R2-M20	B58-6R2xD6 x7x20x60x2F	6	2	20	7	60	6	2
HM58-2RP-d0.5R0.05-M1.5	B58-0.5R0.05xD6x0.7x1.5x50x2F	0,5	0,05	1,5	0,7	50	6	2
HM58-2RP-d0.5R0.05-M3.3	B58-0.5R0.05xD6x0.7x3.3x50x2F	0,5	0,05	3,3	0,7	50	6	2
HM58-2RP-d0.6R0.05-M2	B58-0.6R0.05xD6x0.9x2x50x2F	0,6	0,05	2	0,9	50	6	2
HM58-2RP-d0.6R0.05-M4	B58-0.6R0.05xD6x0.9x4x50x2F	0,6	0,05	4	0,9	50	6	2
HM58-2RP-d0.8R0.05-M2.5	B58-0.8R0.05xD6x1.2x2.5x50x2F	0,8	0,05	2,5	1,2	50	6	2
HM58-2RP-d0.8R0.05-M5.5	B58-0.8R0.05xD6x1.2x5.5x50x2F	0,8	0,05	5,5	1,2	50	6	2
HM58-2RP-d1R0.05-M3.3	B58-1R0.1xD6x1.5x3.3x50x2F	1	0,1	3,3	1,5	50	6	2
HM58-2RP-d1R0.05-M6.7	B58-1R0.1xD6x1.5x6.7x50x2F	1	0,1	6,7	1,5	50	6	2
HM58-2RP-d1.2R0.1-M4.4	B58-1.2R0.1xD6x1.8x4.4x50x2F	1,2	0,1	4,4	1,8	50	6	2
HM58-2RP-d1.2R0.1-M8	B58-1.2R0.1xD6x1.8x8x50x2F	1,2	0,1	8	1,8	50	6	2
HM58-2RP-d1.5R0.15-M5	B58-1.5R0.15xD6x2.2x5x50x2F	1,5	0,15	5	2,2	50	6	2
HM58-2RP-d1.5R0.15-M9.7	B58-1.5R0.15xD6x2.2x9.7x50x2F	1,5	0,15	9,7	2,2	50	6	2
HM58-2RP-d2R0.15-M6	B58-2R0.15xD6x2.2x6x50x2F	2	0,15	6	2,2	50	6	2
HM58-2RP-d2R0.15-M13	B58-2R0.15xD6x2.2x13x50x2F	2	0,15	13	2,2	50	6	2

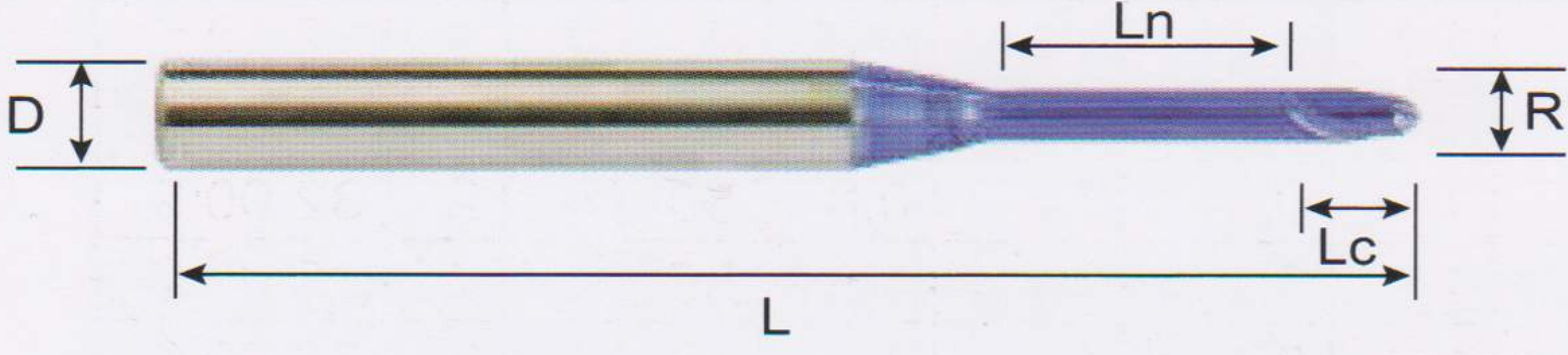
■ 2 AĞIZLI DÜZ DALMA BOY KARBÜR PARMAK FREZE 65 HRC



Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM65-2EP-d0.5-M2	E65-φ0.5xD4 x0.7x2x45x2F	0,5	2	0,7	45	4	2
HM65-2EP-d0.5-M2.5	E65-φ0.5xD4 x0.7x2.5x45x2F	0,5	2,5	0,7	45	4	2
HM65-2EP-d0.5-M4	E65-φ0.5xD4 x0.7x4x45x2F	0,5	4	0,7	45	4	2
HM65-2EP-d0.5-M6	E65-φ0.5xD4 x0.7x6x45x2F	0,5	6	0,7	45	4	2
HM65-2EP-d0.5-M8	E65-φ0.5xD4 x0.7x8x45x2F	0,5	8	0,7	45	4	2
HM65-2EP-d0.6-M2	E65-φ0.6xD4 x0.9x2x45x2F	0,6	2	0,9	45	4	2
HM65-2EP-d0.6-M3	E65-φ0.6xD4 x0.9x3x45x2F	0,6	3	0,9	45	4	2
HM65-2EP-d0.6-M4	E65-φ0.6xD4 x0.9x4x45x2F	0,6	4	0,9	45	4	2
HM65-2EP-d0.6-M6	E65-φ0.6xD4 x0.9x6x45x2F	0,6	6	0,9	45	4	2
HM65-2EP-d0.6-M8	E65-φ0.6xD4 x0.9x8x45x2F	0,6	8	0,9	45	4	2
HM65-2EP-d0.6-M10	E65-φ0.6xD4 x0.9x10x45x2F	0,6	10	0,9	45	4	2
HM65-2EP-d0.8-M2	E65-φ0.8xD4 x1.2x2x45x2F	0,8	2	1,2	45	4	2
HM65-2EP-d0.8-M4	E65-φ0.8xD4 x1.2x4x45x2F	0,8	4	1,2	45	4	2
HM65-2EP-d0.8-M6	E65-φ0.8xD4 x1.2x6x45x2F	0,8	6	1,2	45	4	2
HM65-2EP-d0.8-M8	E65-φ0.8xD4 x1.2x8x45x2F	0,8	8	1,2	45	4	2
HM65-2EP-d0.8-M10	E65-φ0.8xD4 x1.2x10x45x2F	0,8	10	1,2	45	4	2
HM65-2EP-d0.8-M12	E65-φ0.8xD4 x1.2x12x45x2F	0,8	12	1,2	45	4	2
HM65-2EP-d1-M4	E65-φ1xD4 x1.5x4x45x2F	1	4	1,5	45	4	2
HM65-2EP-d1-M6	E65-φ1xD4 x1.5x6x45x2F	1	6	1,5	45	4	2
HM65-2EP-d1-M8	E65-φ1xD4 x1.5x8x45x2F	1	8	1,5	45	4	2
HM65-2EP-d1-M10	E65-φ1xD4 x1.5x10x45x2F	1	10	1,5	45	4	2
HM65-2EP-d1-M12	E65-φ1xD4 x1.5x12x45x2F	1	12	1,5	45	4	2
HM65-2EP-d1-M16	E65-φ1xD4 x1.5x16x50x2F	1	16	1,5	50	4	2

Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM65-2EP-d1-M20	E65-φ1xD4 x1.5x20x55x2F	1	20	1,5	55	4	2
HM65-2EP-d1.2-M6	E65-φ1.2xD4 x1.8x6x45x2F	1,2	6	1,8	45	4	2
HM65-2EP-d1.2-M8	E65-φ1.2xD4 x1.8x8x45x2F	1,2	8	1,8	45	4	2
HM65-2EP-d1.2-M10	E65-φ1.2xD4 x1.8x10x45x2F	1,2	10	1,8	45	4	2
HM65-2EP-d1.2-M12	E65-φ1.2xD4 x1.8x12x45x2F	1,2	12	1,8	45	4	2
HM65-2EP-d1.2-M16	E65-φ1.2xD4 x1.8x16x45x2F	1,2	16	1,8	50	4	2
HM65-2EP-d1.5-M6	E65-φ1.5xD4 x2.3x6x45x2F	1,5	6	2,3	45	4	2
HM65-2EP-d1.5-M8	E65-φ1.5xD4 x2.3x8x45x2F	1,5	8	2,3	45	4	2
HM65-2EP-d1.5-M10	E65-φ1.5xD4 x2.3x10x45x2F	1,5	10	2,3	45	4	2
HM65-2EP-d1.5-M12	E65-φ1.5xD4 x2.3x12x45x2F	1,5	12	2,3	45	4	2
HM65-2EP-d1.5-M14	E65-φ1.5xD4 x2.3x14x50x2F	1,5	14	2,3	50	4	2
HM65-2EP-d1.5-M16	E65-φ1.5xD4 x2.3x16x50x2F	1,5	16	2,3	50	4	2
HM65-2EP-d1.5-M18	E65-φ1.5xD4 x2.3x18x55x2F	1,5	18	2,3	55	4	2
HM65-2EP-d1.5-M20	E65-φ1.5xD4 x2.3x20x55x2F	1,5	20	2,3	55	4	2
HM65-2EP-d2-M6	E65-φ2xD4 x3x6x45x2F	2	6	3	45	4	2
HM65-2EP-d2-M8	E65-φ2xD4 x3x8x45x2F	2	8	3	45	4	2
HM65-2EP-d2-M10	E65-φ2xD4 x3x10x45x2F	2	10	3	45	4	2
HM65-2EP-d2-M12	E65-φ2xD4 x3x12x45x2F	2	12	3	45	4	2
HM65-2EP-d2-M14	E65-φ2xD4 x3x14x50x2F	2	14	3	50	4	2
HM65-2EP-d2-M16	E65-φ2xD4 x3x16x50x2F	2	16	3	50	4	2
HM65-2EP-d2-M18	E65-φ2xD4 x3x18x55x2F	2	18	3	55	4	2
HM65-2EP-d2-M20	E65-φ2xD4 x3x20x55x2F	2	20	3	55	4	2
HM65-2EP-d2-M25	E65-φ2xD4 x3x25x60x2F	2	25	3	60	4	2
HM65-2EP-d2-M30	E65-φ2xD4 x3x30x70x2F	2	30	3	70	4	2
HM65-2EP-d3-M10	E65-φ3xD6 x4.5x10x45x2F	3	10	4,5	45	6	2
HM65-2EP-d3-M12	E65-φ3xD6 x4.5x12x45x2F	3	12	4,5	45	6	2
HM65-2EP-d3-M14	E65-φ3xD6 x4.5x14x50x2F	3	14	4,5	50	6	2
HM65-2EP-d3-M16	E65-φ3xD6 x4.5x16x55x2F	3	16	4,5	55	6	2
HM65-2EP-d3-M18	E65-φ3xD6 x4.5x18x55x2F	3	18	4,5	55	6	2
HM65-2EP-d3-M20	E65-φ3xD6 x4.5x20x55x2F	3	20	4,5	55	6	2
HM65-2EP-d3-M25	E65-φ3xD6 x4.5x25x60x2F	3	25	4,5	60	6	2
HM65-2EP-d3-M30	E65-φ3xD6 x4.5x30x70x2F	3	30	4,5	70	6	2
HM65-2EP-d4-M12	E65-φ4xD6 x5.8x12x45x2F	4	12	5,8	45	6	2
HM65-2EP-d4-M14	E65-φ4xD6 x5.8x14x50x2F	4	14	5,8	50	6	2
HM65-2EP-d4-M16	E65-φ4xD6 x5.8x16x55x2F	4	16	5,8	55	6	2
HM65-2EP-d4-M18	E65-φ4xD6 x5.8x18x55x2F	4	18	5,8	55	6	2
HM65-2EP-d4-M20	E65-φ4xD6 x5.8x20x55x2F	4	20	5,8	55	6	2
HM65-2EP-d4-M25	E65-φ4xD6 x5.8x25x60x2F	4	25	5,8	60	6	2
HM65-2EP-d4-M30	E65-φ4xD6 x5.8x30x70x2F	4	30	5,8	70	6	2

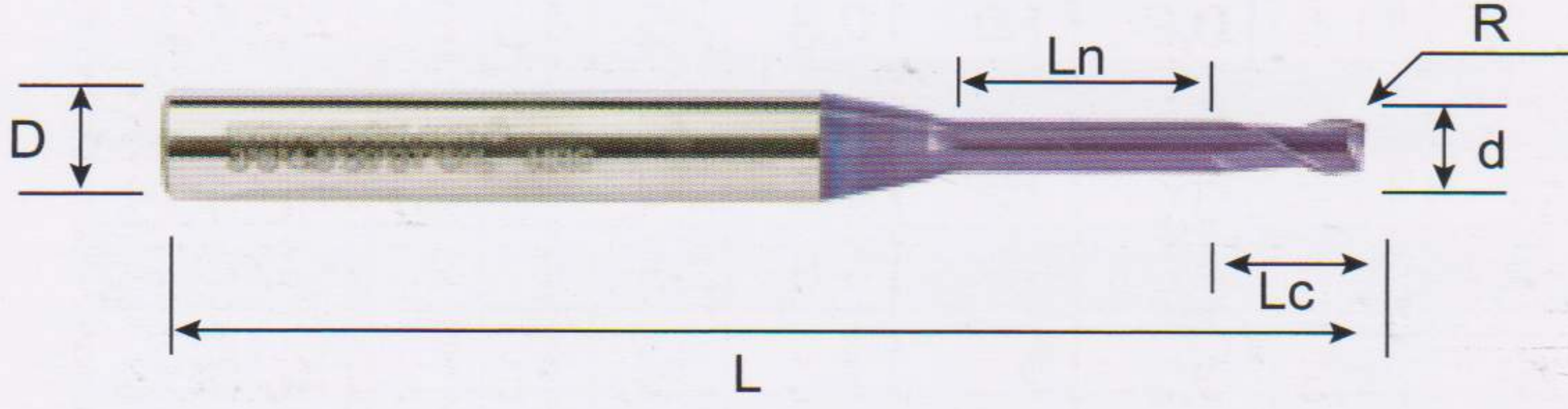
2 AĞIZLI RADÜS DALMA BOY KARBÜR PARMAK FREZE 65 HRC



Code1	Description(D1xRxR2xD2xL2xL3xL1xF-lutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM65-2BP-R0.25-M2	B65-φ0.5xR0.25xD4 x0.4 x2x45x2F	0,5	0,25	2	0,4	45	4	2
HM65-2BP-R0.25-M2.5	B65-φ0.5xR0.25xD4 x0.4 x2.5x45x2F	0,5	0,25	2,5	0,4	45	4	2
HM65-2BP-R0.25-M4	B65-φ0.5xR0.25xD4 x0.4 x4x45x2F	0,5	0,25	4	0,4	45	4	2
HM65-2BP-R0.25-M6	B65-φ0.5xR0.25xD4 x0.4 x6x45x2F	0,5	0,25	6	0,4	45	4	2
HM65-2BP-R0.25-M8	B65-φ0.5xR0.25xD4 x0.4 x8x45x2F	0,5	0,25	8	0,4	45	4	2
HM65-2BP-R0.3-M2	B65-φ0.6xR0.3xD4 x0.5 x2x45x2F	0,6	0,3	2	0,5	45	4	2
HM65-2BP-R0.3-M3	B65-φ0.6xR0.3xD4 x0.5 x3x45x2F	0,6	0,3	3	0,5	45	4	2
HM65-2BP-R0.3-M4	B65-φ0.6xR0.3xD4 x0.5 x4x45x2F	0,6	0,3	4	0,5	45	4	2
HM65-2BP-R0.3-M5	B65-φ0.6xR0.3xD4 x0.5 x5x45x2F	0,6	0,3	5	0,5	45	4	2
HM65-2BP-R0.3-M6	B65-φ0.6xR0.3xD4 x0.5 x6x45x2F	0,6	0,3	6	0,5	45	4	2
HM65-2BP-R0.3-M8	B65-φ0.6xR0.3xD4 x0.5 x8x45x2F	0,6	0,3	8	0,5	45	4	2
HM65-2BP-R0.3-M10	B65-φ0.6xR0.3xD4 x0.5 x10x45x2F	0,6	0,3	10	0,5	45	4	2
HM65-2BP-R0.4-M2	B65-φ0.8xR0.4xD4 x0.6 x2x45x2F	0,8	0,4	2	0,6	45	4	2
HM65-2BP-R0.4-M4	B65-φ0.8xR0.4xD4 x0.6 x4x45x2F	0,8	0,4	4	0,6	45	4	2
HM65-2BP-R0.4-M6	B65-φ0.8xR0.4xD4 x0.6 x6x45x2F	0,8	0,4	6	0,6	45	4	2
HM65-2BP-R0.4-M8	B65-φ0.8xR0.4xD4 x0.6 x8x45x2F	0,8	0,4	8	0,6	45	4	2
HM65-2BP-R0.4-M10	B65-φ0.8xR0.4xD4 x0.6 x10x45x2F	0,8	0,4	10	0,6	45	4	2
HM65-2BP-R0.5-M3	B65-φ1xR0.5xD4 x0.8 x3x45x2F	1	0,5	3	0,8	45	4	2
HM65-2BP-R0.5-M4	B65-φ1xR0.5xD4 x0.8 x4x45x2F	1	0,5	4	0,8	45	4	2
HM65-2BP-R0.5-M5	B65-φ1xR0.5xD4 x0.8 x5x45x2F	1	0,5	5	0,8	45	4	2
HM65-2BP-R0.5-M6	B65-φ1xR0.5xD4 x0.8 x6x45x2F	1	0,5	6	0,8	45	4	2
HM65-2BP-R0.5-M7	B65-φ1xR0.5xD4 x0.8 x7x45x2F	1	0,5	7	0,8	45	4	2
HM65-2BP-R0.5-M8	B65-φ1xR0.5xD4 x0.8 x8x45x2F	1	0,5	8	0,8	45	4	2
HM65-2BP-R0.5-M9	B65-φ1xR0.5xD4 x0.8 x9x45x2F	1	0,5	9	0,8	45	4	2
HM65-2BP-R0.5-M10	B65-φ1xR0.5xD4 x0.8 x10x45x2F	1	0,5	10	0,8	45	4	2

Code1	Description(D1xRxD2xL2xL3xL1xF-lutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM65-2BP-R0.5-M12	B65-φ1xR0.5xD4 x0.8 x12x45x2F	1	0,5	12	0,8	45	4	2
HM65-2BP-R0.5-M14	B65-φ1xR0.5xD4 x0.8 x14x50x2F	1	0,5	14	0,8	50	4	2
HM65-2BP-R0.5-M16	B65-φ1xR0.5xD4 x0.8 x16x50x2F	1	0,5	16	0,8	50	4	2
HM65-2BP-R0.5-M20	B65-φ1xR0.5xD4 x0.8 x20x55x2F	1	0,5	20	0,8	55	4	2
HM65-2BP-R0.6-M6	B65-φ1.2xR0.6xD4 x1 x6x45x2F	1,2	0,6	6	1	45	4	2
HM65-2BP-R0.6-M8	B65-φ1.2xR0.6xD4 x1 x8x45x2F	1,2	0,6	8	1	45	4	2
HM65-2BP-R0.6-M10	B65-φ1.2xR0.6xD4 x1 x10x45x2F	1,2	0,6	10	1	45	4	2
HM65-2BP-R0.6-M12	B65-φ1.2xR0.6xD4 x1 x12x45x2F	1,2	0,6	12	1	45	4	2
HM65-2BP-R0.75-M6	B65-φ1.5xR0.75xD4 x1.2 x6x45x2F	1,5	0,75	6	1,2	45	4	2
HM65-2BP-R0.75-M8	B65-φ1.5xR0.75xD4 x1.2 x8x45x2F	1,5	0,75	8	1,2	45	4	2
HM65-2BP-R0.75-M10	B65-φ1.5xR0.75xD4 x1.2 x10x45x2F	1,5	0,75	10	1,2	45	4	2
HM65-2BP-R0.75-M12	B65-φ1.5xR0.75xD4 x1.2 x12x45x2F	1,5	0,75	12	1,2	45	4	2
HM65-2BP-R0.75-M14	B65-φ1.5xR0.75xD4 x1.2 x14x50x2F	1,5	0,75	14	1,2	50	4	2
HM65-2BP-R0.75-M16	B65-φ1.5xR0.75xD4 x1.2 x16x50x2F	1,5	0,75	16	1,2	50	4	2
HM65-2BP-R0.75-M20	B65-φ1.5xR0.75xD4 x1.2 x20x55x2F	1,5	0,75	20	1,2	55	4	2
HM65-2BP-R1-M4	B65-φ2xR1xD4 x1.6 x4x45x2F	2	1	4	1,6	45	4	2
HM65-2BP-R1-M6	B65-φ2xR1xD4 x1.6 x6x45x2F	2	1	6	1,6	45	4	2
HM65-2BP-R1-M8	B65-φ2xR1xD4 x1.6 x8x45x2F	2	1	8	1,6	45	4	2
HM65-2BP-R1-M10	B65-φ2xR1xD4 x1.6 x10x45x2F	2	1	10	1,6	45	4	2
HM65-2BP-R1-M12	B65-φ2xR1xD4 x1.6 x12x50x2F	2	1	12	1,6	50	4	2
HM65-2BP-R1-M14	B65-φ2xR1xD4 x1.6 x14x50x2F	2	1	14	1,6	50	4	2
HM65-2BP-R1-M16	B65-φ2xR1xD4 x1.6 x16x50x2F	2	1	16	1,6	50	4	2
HM65-2BP-R1-M18	B65-φ2xR1xD4 x1.6 x18x55x2F	2	1	18	1,6	55	4	2
HM65-2BP-R1-M20	B65-φ2xR1xD4 x1.6 x20x55x2F	2	1	20	1,6	55	4	2
HM65-2BP-R1-M22	B65-φ2xR1xD4 x1.6 x22x60x2F	2	1	22	1,6	60	4	2
HM65-2BP-R1-M25	B65-φ2xR1xD4 x1.6 x25x60x2F	2	1	25	1,6	60	4	2
HM65-2BP-R1-M30	B65-φ2xR1xD4 x1.6 x30x70x2F	2	1	30	1,6	70	4	2
HM65-2BP-R1.5-M10	B65-φ3xR1.5xD6 x2.3x10x45x2F	3	1,5	10	2,3	45	6	2
HM65-2BP-R1.5-M12	B65-φ3xR1.5xD6 x2.3x12x45x2F	3	1,5	12	2,3	45	6	2
HM65-2BP-R1.5-M14	B65-φ3xR1.5xD6 x2.3x14x50x2F	3	1,5	14	2,3	50	6	2
HM65-2BP-R1.5-M16	B65-φ3xR1.5xD6 x2.3x16x55x2F	3	1,5	16	2,3	55	6	2
HM65-2BP-R1.5-M18	B65-φ3xR1.5xD6 x2.3x18x55x2F	3	1,5	18	2,3	55	6	2
HM65-2BP-R1.5-M20	B65-φ3xR1.5xD6 x2.3x20x55x2F	3	1,5	20	2,3	55	6	2
HM65-2BP-R1.5-M25	B65-φ3xR1.5xD6 x2.3x25x60x2F	3	1,5	25	2,3	60	6	2
HM65-2BP-R1.5-M30	B65-φ3xR1.5xD6 x2.3x30x70x2F	3	1,5	30	2,3	70	6	2
HM65-2BP-R2-M12	B65-φ4xR2xD6 x3x12x45x2F	4	2	12	3	45	6	2
HM65-2BP-R2-M14	B65-φ4xR2xD6 x3x14x50x2F	4	2	14	3	50	6	2
HM65-2BP-R2-M16	B65-φ4xR2xD6 x3x16x55x2F	4	2	16	3	55	6	2
HM65-2BP-R2-M18	B65-φ4xR2xD6 x3x18x55x2F	4	2	18	3	55	6	2
HM65-2BP-R2-M20	B65-φ4xR2xD6 x3x20x55x2F	4	2	20	3	55	6	2
HM65-2BP-R2-M25	B65-φ4xR2xD6 x3x25x60x2F	4	2	25	3	60	6	2
HM65-2BP-R2-M30	B65-φ4xR2xD6 x3x30x70x2F	4	2	30	3	70	6	2

■ 2 AĞIZLI KÖŞE RADÜSLÜ DALMA BOY KARBÜR PARMAK FREZE 65 HRC

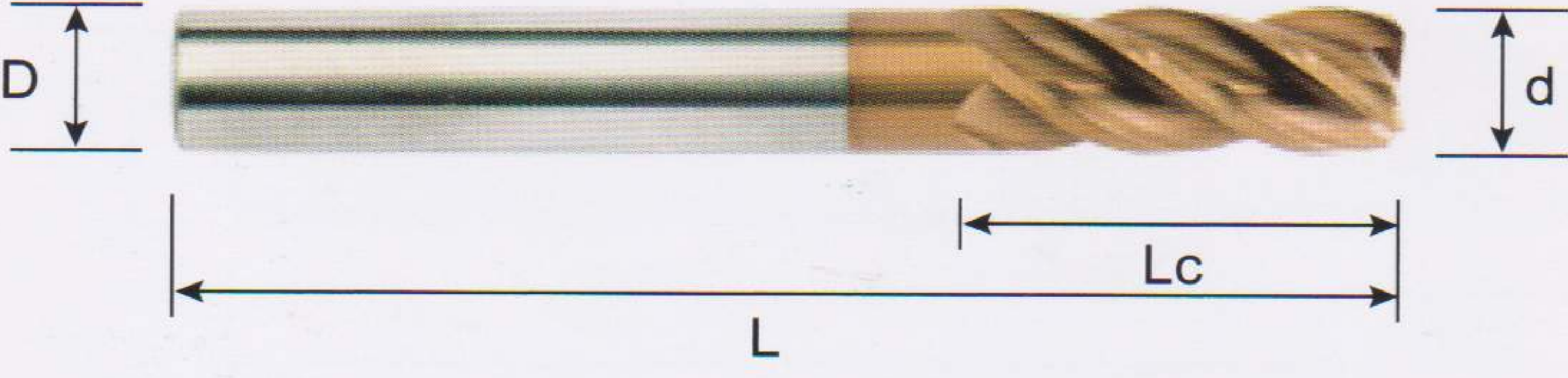


Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM65-2RP-d0.5R0.05-M1.5	B65-0.5R0.05xD4 x0.7x1.5x45x2F	0,5	0,05	1,5	0,7	45	4	2
HM65-2RP-d0.5R0.05-M2.5	B65-0.5R0.05xD4 x0.7x2.5x45x2F	0,5	0,05	2,5	0,7	45	4	2
HM65-2RP-d0.5R0.05-M4	B65-0.5R0.05xD4 x0.7x4x45x2F	0,5	0,05	4	0,7	45	4	2
HM65-2RP-d0.6R0.05-M2	B65-0.6R0.05xD4 x0.9x2x45x2F	0,6	0,05	2	0,9	45	4	2
HM65-2RP-d0.6R0.05-M3	B65-0.6R0.05xD4 x0.9x3x45x2F	0,6	0,05	3	0,9	45	4	2
HM65-2RP-d0.6R0.05-M4	B65-0.6R0.05xD4 x0.9x4x45x2F	0,6	0,05	4	0,9	45	4	2
HM65-2RP-d0.6R0.1-M2	B65-0.6R0.1xD4 x0.9x2x45x2F	0,6	0,1	2	0,9	45	4	
HM65-2RP-d0.7R0.1-M4	B65-0.7R0.1xD4 x1x4x45x2F	0,7	0,1	4	1	45	4	2
HM65-2RP-d0.8R0.1-M2	B65-0.8R0.1xD4 x1.2x2x45x2F	0,8	0,1	2	1,2	45	4	2
HM65-2RP-d0.8R0.1-M4	B65-0.8R0.1xD4 x1.2x4x45x2F	0,8	0,1	4	1,2	45	4	2
HM65-2RP-d0.8R0.1-M6	B65-0.8R0.1xD4 x1.2x6x45x2F	0,8	0,1	6	1,2	45	4	2
HM65-2RP-d1R0.1-M4	B65-1R0.1xD6 x1.5x4x50x2F	1	0,1	4	1,5	50	6	2
HM65-2RP-d1R0.1-M6	B65-1R0.1xD6 x1.5x6x50x2F	1	0,1	6	1,5	50	6	2
HM65-2RP-d1R0.2-M4	B65-1R0.2xD6 x1.5x4x50x2F	1	0,2	4	1,5	50	6	2
HM65-2RP-d1R0.2-M6	B65-1R0.2xD6 x1.5x6x50x2F	1	0,2	6	1,5	50	6	2
HM65-2RP-d1R0.2-M8	B65-1R0.2xD6 x1.5x8x50x2F	1	0,2	8	1,5	50	6	2
HM65-2RP-d1R0.3-M4	B65-1R0.3xD6 x1.5x4x50x2F	1	0,3	4	1,5	50	6	2
HM65-2RP-d1R0.3-M6	B65-1R0.3xD6 x1.5x6x50x2F	1	0,3	6	1,5	50	6	2
HM65-2RP-d1R0.3-M8	B65-1R0.3xD6 x1.5x8x50x2F	1	0,3	8	1,5	50	6	2
HM65-2RP-d1.5R0.2-M4	B65-1.5R0.2xD6 x2.5x4x50x2F	1,5	0,2	4	2,5	50	6	2
HM65-2RP-d1.5R0.2-M6	B65-1.5R0.2xD6 x2.5x6x50x2F	1,5	0,2	6	2,5	50	6	2
HM65-2RP-d1.5R0.2-M8	B65-1.5R0.2xD6 x2.5x8x50x2F	1,5	0,2	8	2,5	50	6	2

Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM65-2RP-d1.5R0.2-M10	B65-1.5R0.2xD6 x2.5x10x50x2F	1,5	0,2	10	2,5	50	6	2
HM65-2RP-d1.5R0.2-M12	B65-1.5R0.2xD6 x2.5x12x50x2F	1,5	0,2	12	2,5	50	6	2
HM65-2RP-d1.5R0.3-M4	B65-1.5R0.3xD6 x2.5x4x50x2F	1,5	0,3	4	2,5	50	6	2
HM65-2RP-d1.5R0.3-M6	B65-1.5R0.3xD6 x2.5x6x50x2F	1,5	0,3	6	2,5	50	6	2
HM65-2RP-d1.5R0.3-M8	B65-1.5R0.3xD6 x2.5x8x50x2F	1,5	0,3	8	2,5	50	6	2
HM65-2RP-d2R0.2-M6	B65-2R0.2xD6 x3x6x50x2F	2	0,2	6	3	50	6	2
HM65-2RP-d2R0.2-M8	B65-2R0.2xD6 x3x8x50x2F	2	0,2	8	3	50	6	2
HM65-2RP-d2R0.2-M10	B65-2R0.2xD6 x3x10x55x2F	2	0,2	10	3	55	6	2
HM65-2RP-d2R0.2-M12	B65-2R0.2xD6 x3x12x55x2F	2	0,2	12	3	55	6	2
HM65-2RP-d2R0.3-M6	B65-2R0.3xD6 x3x6x50x2F	2	0,3	6	3	50	6	2
HM65-2RP-d2R0.3-M8	B65-2R0.3xD6 x3x8x50x2F	2	0,3	8	3	50	6	2
HM65-2RP-d2R0.3-M10	B65-2R0.3xD6 x3x10x55x2F	2	0,3	10	3	55	6	2
HM65-2RP-d2R0.3-M12	B65-2R0.3xD6 x3x12x55x2F	2	0,3	12	3	55	6	2
HM65-2RP-d2R0.3-M16	B65-2R0.3xD6 x3x16x55x2F	2	0,3	16	3	55	6	2
HM65-2RP-d2R0.5-M6	B65-2R0.5xD6 x3x6x50x2F	2	0,5	6	3	50	6	2
HM65-2RP-d2R0.5-M10	B65-2R0.5xD6 x3x10x55x2F	2	0,5	10	3	55	6	2
HM65-2RP-d2R0.5-M12	B65-2R0.5xD6 x3x12x55x2F	2	0,5	12	3	55	6	2
HM65-2RP-d3R0.2-M8	B65-3R0.2xD6 x4x8x55x2F	3	0,2	8	4	55	6	2
HM65-2RP-d3R0.2-M10	B65-3R0.2xD6 x4x10x55x2F	3	0,2	10	4	55	6	2
HM65-2RP-d3R0.2-M12	B65-3R0.2xD6 x4x12x55x2F	3	0,2	12	4	55	6	2
HM65-2RP-d3R0.2-M16	B65-3R0.2xD6 x4x16x55x2F	3	0,2	16	4	55	6	2
HM65-2RP-d3R0.3-M8	B65-3R0.3xD6 x4x8x55x2F	3	0,3	8	4	55	6	2
HM65-2RP-d3R0.3-M10	B65-3R0.3xD6 x4x10x55x2F	3	0,3	10	4	55	6	2
HM65-2RP-d3R0.3-M12	B65-3R0.3xD6 x4x12x55x2F	3	0,3	12	4	55	6	2
HM65-2RP-d3R0.3-M16	B65-3R0.3xD6 x4x16x55x2F	3	0,3	16	4	55	6	2
HM65-2RP-d3R0.5-M10	B65-3R0.5xD6 x4x10x55x2F	3	0,5	10	4	55	6	2
HM65-2RP-d3R0.5-M12	B65-3R0.5xD6 x4x12x55x2F	3	0,5	12	4	55	6	2
HM65-2RP-d3R0.5-M16	B65-3R0.5xD6 x4x16x55x2F	3	0,5	16	4	55	6	2
HM65-2RP-d3R0.5-M20	B65-3R0.5xD6 x4x20x55x2F	3	0,5	20	4	55	6	2
HM65-2RP-d4R0.2-M12	B65-4R0.2xD6 x5x12x55x2F	4	0,2	12	5	55	6	2
HM65-2RP-d4R0.2-M16	B65-4R0.2xD6 x5x16x55x2F	4	0,2	16	5	55	6	2
HM65-2RP-d4R0.2-M20	B65-4R0.2xD6 x5x20x55x2F	4	0,2	20	5	55	6	2
HM65-2RP-d4R0.3-M10	B65-4R0.3xD6 x5x10x55x2F	4	0,3	10	5	55	6	2
HM65-2RP-d4R0.3-M12	B65-4R0.3xD6 x5x12x55x2F	4	0,3	12	5	55	6	2
HM65-2RP-d4R0.3-M16	B65-4R0.3xD6 x5x16x55x2F	4	0,3	16	5	55	6	2
HM65-2RP-d4R0.3-M20	B65-4R0.3xD6 x5x20x55x2F	4	0,3	20	5	55	6	2
HM65-2RP-d4R0.5-M12	B65-4R0.5xD6 x5x12x55x2F	4	0,5	12	5	55	6	2
HM65-2RP-d4R0.5-M16	B65-4R0.5xD6 x5x16x55x2F	4	0,5	16	5	55	6	2
HM65-2RP-d4R0.5-M20	B65-4R0.5xD6 x5x20x55x2F	4	0,5	20	5	55	6	2
HM65-2RP-d4R1-M12	B65-4R1xD6 x5x12x55x2F	4	1	12	5	55	6	2

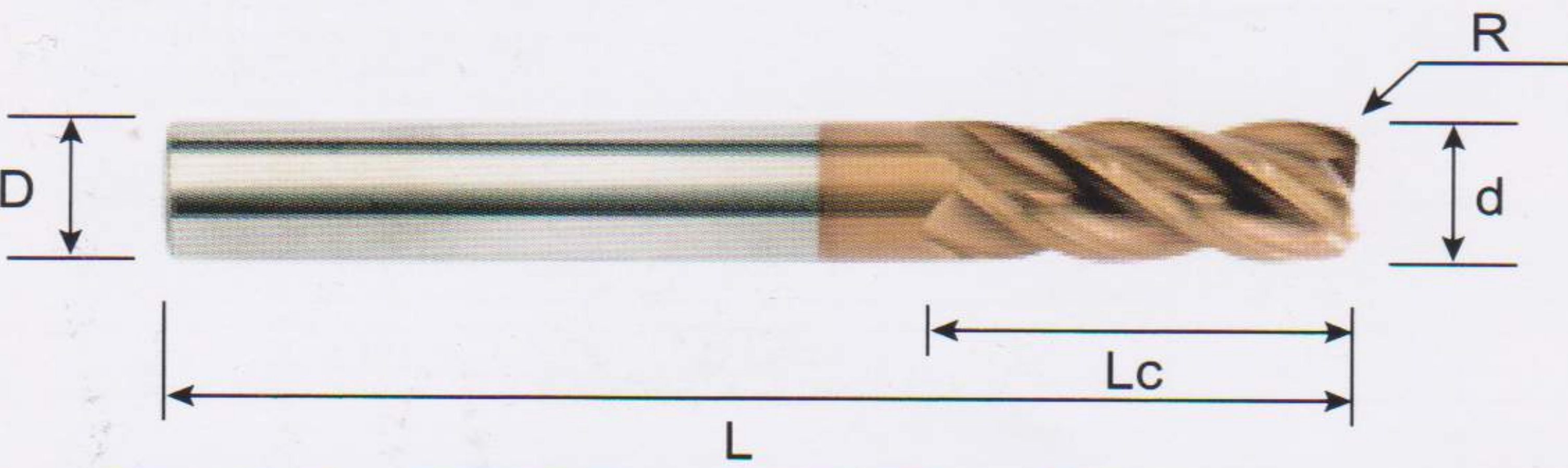
Code1	Description(D1xRx-D2xL2xL3xL1xFlutes)	ÇAP	R	DALMA BOY	KESME BOY	TAM BOY	ŞAFT	Z (Teeth)
HM65-2RP-d4R1-M16	B65-4R1xD6 x5x16x55x2F	4	1	16	5	60	6	2
HM65-2RP-d6R0.3-M20	B65-6R0.3xD6 x7x20x60x2F	6	0,3	20	7	60	6	2
HM65-2RP-d6R0.5-M20	B65-6R0.5xD6 x7x20x60x2F	6	0,5	20	7	60	6	2
HM65-2RP-d6R1-M20	B65-6R1xD6 x7x20x60x2F	6	1	20	7	60	6	2
HM65-2RP-d6R1.5-M20	B65-6R1.5xD6 x7x20x60x2F	6	1,5	20	7	60	6	2
HM65-2RP-d6R2-M20	B65-6R2xD6 x7x20x60x2F	6	2	20	7	60	6	2
HM65-2RP-d0.5R0.05-M1.5	B65-0.5R0.05xD6x0.7x1.5x50x2F	0,5	0,05	1,5	0,7	50	6	2
HM65-2RP-d0.5R0.05-M3.3	B65-0.5R0.05xD6x0.7x3.3x50x2F	0,5	0,05	3,3	0,7	50	6	2
HM65-2RP-d0.6R0.05-M2	B65-0.6R0.05xD6x0.9x2x50x2F	0,6	0,05	2	0,9	50	6	2
HM65-2RP-d0.6R0.05-M4	B65-0.6R0.05xD6x0.9x4x50x2F	0,6	0,05	4	0,9	50	6	2
HM65-2RP-d0.8R0.05-M2.5	B65-0.8R0.05xD6x1.2x2.5x50x2F	0,8	0,05	2,5	1,2	50	6	2
HM65-2RP-d0.8R0.05-M5.5	B65-0.8R0.05xD6x1.2x5.5x50x2F	0,8	0,05	5,5	1,2	50	6	2
HM65-2RP-d1R0.05-M3.3	B65-1R0.1xD6x1.5x3.3x50x2F	1	0,1	3,3	1,5	50	6	2
HM65-2RP-d1R0.05-M6.7	B65-1R0.1xD6x1.5x6.7x50x2F	1	0,1	6,7	1,5	50	6	2
HM65-2RP-d1.2R0.1-M4.4	B65-1.2R0.1xD6x1.8x4.4x50x2F	1,2	0,1	4,4	1,8	50	6	2
HM65-2RP-d1.2R0.1-M8	B65-1.2R0.1xD6x1.8x8x50x2F	1,2	0,1	8	1,8	50	6	2
HM65-2RP-d1.5R0.15-M5	B65-1.5R0.15xD6x2.2x5x50x2F	1,5	0,15	5	2,2	50	6	2
HM65-2RP-d1.5R0.15-M9.7	B65-1.5R0.15xD6x2.2x9.7x50x2F	1,5	0,15	9,7	2,2	50	6	2
HM65-2RP-d2R0.15-M6	B65-2R0.15xD6x2.2x6x50x2F	2	0,15	6	2,2	50	6	2
HM65-2RP-d2R0.15-M13	B65-2R0.15xD6x2.2x13x50x2F	2	0,15	13	2,2	50	6	2

■ 4 AĞIZLI DEĞİŞKEN HELİSLİ KÖŞE PAHLI YÜKSEK PERFORMANS KARBÜR PARMAK FREZE



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	Pah	D	Lc	L
4777-4V1-d4.0	4C0.2*6*12*55*4F	4	0.2	6	12	55
4777-4V1-d5.0	5C0.2*6*13*57*4F	5	0.2	6	13	57
4777-4V1-d6.0	6C0.2*6*13*57*4F	6	0.2	6	13	57
4777-4V1-d8.0	8C0.2*8*16*63*4F	8	0.2	8	16	63
4777-4V1-d10.0	10C0.5*10*27*72*4F	10	0.5	10	27	72
4777-4V1-d12.0	12C0.5*12*32*83*4F	12	0.5	12	32	83
4777-4V1-d16.0	16C0.5*16*40*92*4F	16	0.5	16	40	92

■ 4 AĞIZLI DEĞİŞKEN HELİSLİ KÖŞE RADÜSLÜ YÜKSEK PERFORMANS KARBÜR PARMAK FREZE



	ÖLÇÜLEME TERİMİ (d*Lc*D*L)	d	R	D	Lc	L
4777-4V2-d4.0	4R0.5*6*12*55*4F	4	0.5	6	12	55
4777-4V2-d5.0	5R0.5*6*13*57*4F	5	0.5	6	13	57
4777-4V2-d6.0	6R0.5*6*13*57*4F	6	0.5	6	13	57
4777-4V2-d8.0	8R1.0*8*16*63*4F	8	1	8	16	63
4777-4V2-d10.0	10R1.0*10*27*72*4F	10	1	10	27	72
4777-4V2-d12.0	12R1.0*12*32*83*4F	12	1	12	32	83
4777-4V2-d16.0	16R2.0*16*40*92*4F	16	2	16	40	92