SPEEDCUT ALPHA **ALU**

The Speedcut Alpha ALU is a specially developed milling cutter for machining aluminum materials. It offers outstanding performance and precision thanks to optimisations in areas such as additional grinding, helix angle, number of teeth, chip space, surface and flute run-out radius. These improvements enable faster processes and perfect results in aluminum machining. The Speedcut Alpha ALU represents the latest generation of Maykestag tools and sets new standards in efficiency and quality.



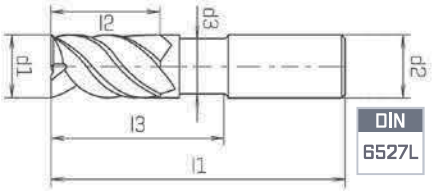
+ Higher metal removal rate
+ Long service life
+ Low vibration and smooth running
+ High process reliability
+ Excellent surface quality
+ Optimised chip formation

COATING SPECTRADUR

Our latest coating is as versatile as our milling cutter itself. This special finish highlights and supports the strengths of the new Speedcut Alpha even more.

The innovative coating technology provides ultra-thin layers that ensure extremely sharp cutting edges and an extremely smooth surface, minimising material adhesion. The high hardness of the coating ensures efficient protection against wear. This technology is particularly suitable for precise applications with tight tool tolerances.



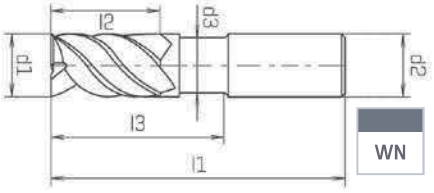


DIN 6527L

DIN 6535-HA SPECTRADUR

DIN 6535-HB SPECTRADUR

d1 h10 mm	d2 h6 mm	d3 mm	l1 mm	l2 mm	l3 mm	45°	Z	Code 8257 Item no.	Code 8357 Item no.
3,00	6,00	2,90	57	8	14	0,08	4	0825700300100	0835700300100
4,00	6,00	3,60	57	11	16	0,10	4	0825700400100	0835700400100
5,00	6,00	4,60	57	13	18	0,13	4	0825700500100	0835700500100
6,00	6,00	5,50	57	13	21	0,15	4	0825700600100	0835700600100
8,00	8,00	7,50	63	19	27	0,20	4	0825700800100	0835700800100
10,00	10,00	9,50	72	22	32	0,25	4	0825701000100	0835701000100
12,00	12,00	11,50	83	26	38	0,30	4	0825701200100	0835701200100
12,00	12,00	11,50	83	28	38	0,15	4		0835701210100
16,00	16,00	15,00	92	32	44	0,40	4	0825701600100	0835701600100
16,00	16,00	15,00	100	38	52	0,20	4		0835701610100
20,00	20,00	19,00	104	38	54	0,50	4	0825702000100	0835702000100
20,00	20,00	19,00	105	44	56	0,25	4		0835702010100
25,00	25,00	24,00	120	45	62	0,65	4	0825702500100	0835702500100
25,00	25,00	24,00	125	53	68	0,30	4		0835702510100

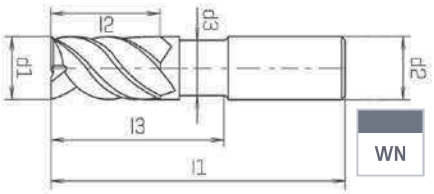


WN

DIN 6535-HA SPECTRADUR

DIN 6535-HB SPECTRADUR

d1 h10 mm	d2 h6 mm	d3 mm	l1 mm	l2 mm	l3 mm	45°	Z	Code 8277 Item no.	Code 8377 Item no.
3,00	6,00	2,80	60	8	18	0,08	4	0827700300100	0837700300100
4,00	6,00	3,80	60	11	21	0,10	4	0827700400100	0837700400100
5,00	6,00	4,70	62	13	26	0,13	4	0827700500100	0837700500100
6,00	6,00	5,60	62	13	26	0,15	4	0827700600100	0837700600100
8,00	8,00	7,50	70	19	34	0,20	4	0827700800100	0837700800100
10,00	10,00	9,50	80	22	40	0,25	4	0827701000100	0837701000100
12,00	12,00	11,50	95	26	50	0,30	4	0827701200100	0837701200100
12,00	12,00	11,50	95	28	50	0,15	4		0837701210100
16,00	16,00	15,50	105	32	57	0,40	4	0827701600100	0837701600100
16,00	16,00	15,50	105	38	57	0,20	4		0837701610100
20,00	20,00	19,50	124	38	71	0,50	4	0827702000100	0837702000100
20,00	20,00	19,50	124	44	71	0,25	4		0837702010100



WN

DIN 6535-HA SPECTRADUR

DIN 6535-HB SPECTRADUR

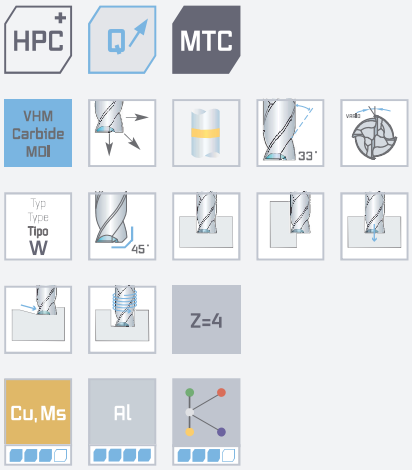
d1 h10 mm	d2 h6 mm	d3 mm	l1 mm	l2 mm	l3 mm	45°	Z	Code 8287 Item no.	Code 8387 Item no.
3,00	6,00	2,80	60	8	20	0,08	4	0828700300100	0838700300100
4,00	6,00	3,80	65	11	26	0,10	4	0828700400100	0838700400100
5,00	6,00	4,70	76	13	39	0,13	4	0828700500100	0838700500100
6,00	6,00	5,60	76	13	39	0,15	4	0828700600100	0838700600100
8,00	8,00	7,50	100	19	62	0,20	4	0828700800100	0838700800100
10,00	10,00	9,50	100	22	58	0,25	4	0828701000100	0838701000100
12,00	12,00	11,50	120	26	73	0,30	4	0828701200100	0838701200100
12,00	12,00	11,50	120	28	73	0,15	4		0838701210100
16,00	16,00	15,50	150	32	100	0,40	4	0828701600100	0838701600100
16,00	16,00	15,50	150	38	100	0,20	4		0838701610100
20,00	20,00	19,50	150	38	100	0,50	4	0828702000100	0838702000100
20,00	20,00	19,50	150	44	100	0,25	4		0838702010100

Speedcut Alpha

HPC+ end mill Speedcut Alpha Aluminum, long - XXL, exempted, four-cutter

Area of application:

HPC+ high-performance milling cutter ideal for machining aluminum materials (for both cast and wrought alloys). Excellent chip removal due to extremely smooth surfaces. Spectradur coating for increased tool life and minimal material adhesion. Highest chip removal rate and best surface quality thanks to unique cutting edge geometry.



maykestag

PERFORMANCE IN PRECISION