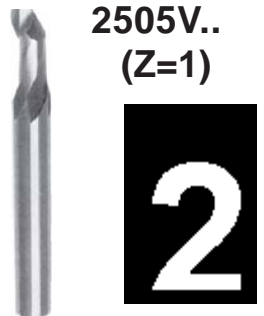
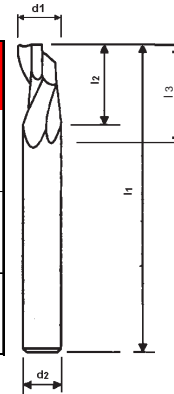


**Hartmetallschafffräser** *Fraises à queue m. dur* **Carbide endmills**

- In höchster Formgenauigkeit CNC-geschliffen für hohe Standzeit
- Mit Zentrumschnitt in Feinst-Kornausführung
- *Affûtée (CNC) avec précision, une longue durée en résultent*
- *coupe au centre et exécution "Micrograin"*
- ground to exact geometry by cnc-grinder for long tool live
- With centre cut in micro-grain execution

d1	d2	l2	l3	l1	Z	Best.Nr. 2505V..	Fr.	d1	d2	l2	l3	l1	Z	Best.Nr. 2505V..	Fr.	2.505V112
f10	h6					no.cde./order no.		f10	h6					no.cde./order no.		
0.3	3	2	3	38	1	2505V. 003	26.90	2	3	8	11	38	1	2505V. 020	22.50	
0.4	3	2.5	3.5	38	1	2505V. 004	26.90	2.5	3	9	12	38	1	2505V. 025	22.50	
0.6	3	2.5	3.5	38	1	2505V. 006	26.90	2.8	3	12	13	38	1	2505V. 028	22.50	
0.8	3	4	5	38	1	2505V. 008	26.90	3	3	12	13	38	1	2505V. 030	22.50	
1	3	4	5	38	1	2505V. 010	22.50	4	4	12	15	50	1	2505V. 040	37.50	
1.2	3	5	6	38	1	2505V. 012	22.50	5	5	14	17	50	1	2505V. 050	42.00	
1.5	3	6	7	38	1	2505V. 015	22.50	6	6	16	17	50	1	2505V. 060	42.00	
1.6	3	6	7	38	1	2505V. 016	22.50	8	8	20	21	60	1	2505V. 080	46.90	
1.8	3	7	10	38	1	2505V. 018	22.50	10	10	22	23	70	1	2505V. 100	93.00	



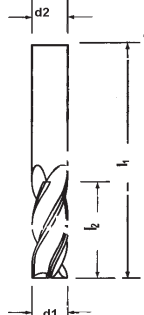
**2505V.. (Z=1)**



d1e8	d2h6	l2	l1	Z	Best.Nr. 2506V..	CHF	Z	Best.Nr. 2512V..	CHF	Z	Best.Nr. 2518V..	CHF
2.506V115					no.cde./ order no.			no.cde./order no.			no.cde./order no.	
1.5	3	6	38	2	2506V. 015	19.20	3	2512V. 015	19.20	4	2518V. 015	19.20
2.0	3	9	38	2	2506V. 020	17.50	3	2512V. 020	17.50	4	2518V. 020	17.50
2.5	3	9	38	2	2506V. 025	15.60	3	2512V. 025	15.60	4	2518V. 025	15.60
3.0	6	8	52	2	2506V. 030	14.00	3	2512V. 030	14.00	4	2518V. 030	14.00
3.5	6	10	54	2	2506V. 035	20.10	3	2512V. 035	20.10	4	2518V. 035	20.10
4.0	6	11	55	2	2506V. 040	20.10	3	2512V. 040	20.10	4	2518V. 040	20.10
4.5	6	11	55	2	2506V. 046	22.60	3	2512V. 046	22.60	4	2518V. 045	22.60
5.0	6	13	57	2	2506V. 050	24.00	3	2512V. 050	24.00	4	2518V. 050	24.00
5.5*	6	13	57	2	2506V. 055	25.00	3	2512V. 055	22.50	4	2518V. 055	25.60
6.0	6	13	57	2	2506V. 060	27.10	3	2512V. 060	27.10	4	2518V. 060	27.10
6.5*	8	16	60	2	2506V. 065	30.30	3	2512V. 065	30.30	4	2518V. 065	30.30
7.0	8	16	60	2	2506V. 070	29.00	3	2512V. 070	29.00	4	2518V. 070	29.00
7.5*	8	19	63	2	2506V. 075	36.10	3	2512V. 075	36.10	4	2518V. 075	36.10
8.0	8	19	63	2	2506V. 080	39.60	3	2512V. 080	39.60	4	2518V. 080	39.60
8.5*	10	19	69	2	2506V. 085	40.60	3	2512V. 085	40.60	4	2518V. 085	40.60
9.0	10	19	69	2	2506V. 090	43.70	3	2512V. 090	43.70	4	2518V. 090	43.70
9.5*	10	22	72	2	2506V. 095	48.00	3	2512V. 095	48.00	4	2518V. 095	48.00
10.0	10	22	72	2	2506V. 100	48.30	3	2512V. 100	48.30	4	2518V. 100	48.30
11.0	12	22	79	2	2506V. 110	59.50	3	2512V. 110	59.50	4	2518V. 110	59.50
12.0	12	26	83	2	2506V. 120	67.10	3	2512V. 120	67.10	4	2518V. 120	67.10
13.0*	12	26	83	2	2506V. 130	90.70	3	2512V. 130	90.70	4	2518V. 130	90.70
14.0	12	26	83	2	2506V. 140	95.20	3	2512V. 140	95.20	4	2518V. 140	95.20
15.0*	12	26	83	2	2506V. 150	130.70	3	2512V. 150	130.70	4	2518V. 150	130.70
16.0	16	32	92	2	2506V. 160	128.90	3	2512V. 160	128.90	4	2518V. 160	128.90
18.0	16	32	92	2	2506V. 180	202.20	3	2512V. 180	202.20	4	2518V. 180	202.20
20.0	20	38	104	2	2506V. 200	232.70	3	2512V. 200	232.70	4	2518V. 200	232.70



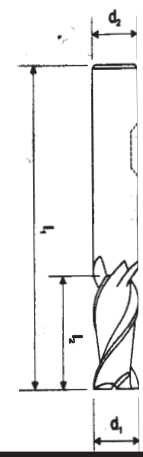
**2506V..(Z=2)  
2512V..(Z=3)  
2518V..(Z=4)**



**Aluminium-Fräser in HM** *Fraises p.ALU, carbure* **Carbide ALU-endmill**

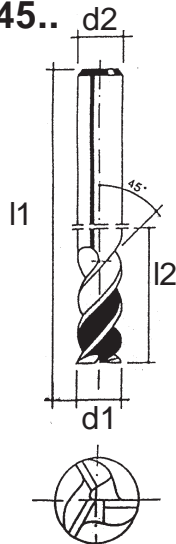
- für ALU, Kupfer, Plastik
- Typ W, mit Zentrumschnitt, z=2
- Spannfläche auf Anfrage
- *p. ALU, cuivre, plastique*
- *type W, c. au centre, z=2*
- *méplât sur demande*
- for ALU, copper, plastic
- Typ W with centre cut, z=2
- clamping flat on request

d1e8	d2h6	l2	l1	Z	Best.Nr. 2507V..	CHF	d1e8	d2h6	l2	l1	Z	Best.Nr. 2507V..	CHF
2.507V112					no.cde./order no.							no.cde./order no.	
2.0	3	9	38	2	2507V. 020	24.40	9.0	10	19	69	2	2507V. 090	58.70
3.0	6	8	52	2	2507V. 030	22.50	10.0	10	22	72	2	2507V. 100	64.00
4.0	6	11	55	2	2507V. 040	23.80	12.0	12	26	83	2	2507V. 120	86.20
5.0	6	13	57	2	2507V. 050	26.30	14.0	12	26	83	2	2507V. 140	119.00
6.0	6	13	57	2	2507V. 060	33.90	16.0	16	32	92	2	2507V. 160	155.00
7.0	8	16	60	2	2507V. 070	40.70	18.0	16	32	92	2	2507V. 180	206.00
8.0	8	19	63	2	2507V. 080	40.70	20.0	20	38	104	2	2507V. 200	255.60



**2507V.. (Z=2)**

**2512V45..**



**Hartmetallschafffräser  
mit Drallwinkel 45 °**

- 3 Schneiden, Zentrumsschnitt
- Mit Zylinderschaft
- Hartmetallsorte K 10

**Fraises en métal dur mo-  
nobloc, angle d'hélice 45 °**

- 3 dents, coupe au centre
- tige cylindrique
- métal dur, nuance K 10

**Carbide endmill with  
45 ° helix**

- 3 teeth, centre cut
- cylindrical shank
- micro grain K 10

d1	l2	l1	Best.Nr./no.cde./order no.	CHF	d1	l2	l1	Best.Nr./no.cde./order no.	CHF
2.00	8	32	2512V45. 0200	20.70	8.00	20	60	2512V45. 0800	43.50
2.50	8	32	2512V45. 0250	21.20	9.00	20	60	2512V45. 0900	59.00
3.00	12	32	2512V45. 0300	21.20	10.00	22	70	2512V45. 1000	56.50
3.50	12	32	2512V45. 0350	21.70	11.00	22	70	2512V45. 1100	68.40
4.00	12	40	2512V45. 0400	24.90	12.00	22	70	2512V45. 1200	74.00
4.50	14	50	2512V45. 0450	27.50	14.00	25	75	2512V45. 1400	89.50
5.00	14	50	2512V45. 0500	28.50	16.00	25	75	2512V45. 1600	123.30
5.50	10	57	2512V45. 0550	37.30	18.00	32	100	2512V45. 1800	162.60
6.00	16	50	2512V45. 0600	33.70	20.00	32	100	2512V45. 2000	184.60
7.00	20	60	2512V45. 0700	54.50					

2.512V45112