

SISO-Hartmetall-Gesenkfräser mit Radius

- In höchster Formgenauigkeit CNC-geschliffen für hohe Standzeit
- Mit Zentrumschnitt in Feinstkornausführung

Fraises métal dur SISO à bout hémisphérique

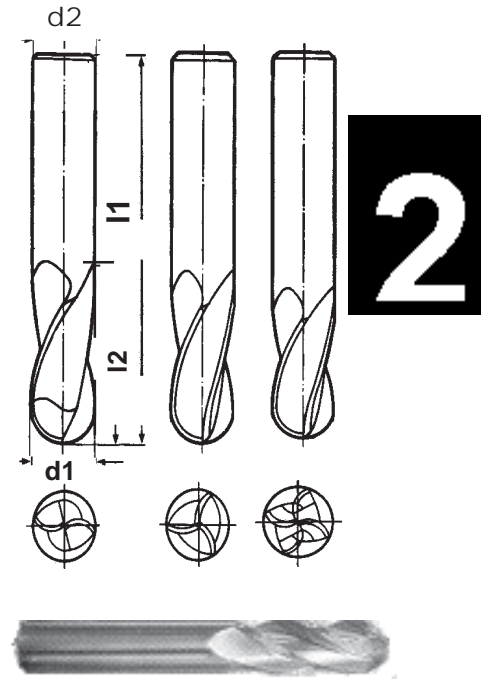
- Affûtée (CNC) avec précision une longue durée en résultent
- Coupe au centre et exécution "Micrograin"

SISO-die & mold carbide end mill with ball end

- CNC-ground with highest profile accuracy for high tool life
- With centre cut in micro-grain carbide quality

2483V.. (Z=2)
2483V3.. (Z=3)
2484V.. (Z=4)

Z	Best.Nr. 2483V..	no.cde./order no.	CHF	Z	Best.Nr. 2483V3..	no.cde./order no.	CHF	Z	Best.Nr. 2484V..	no.cde./order no.	CHF
2	2483V. 0150		22.10	3	2483V3. 0150		22.10	4	2484V. 0150		22.10
2	2483V. 0200		20.10	3	2483V3. 0200		20.10	4	2484V. 0200		20.10
2	2483V. 0250		18.10	3	2483V3. 0250		18.10	4	2484V. 0250		18.10
2	2483V. 0300		16.20	3	2483V3. 0300		16.20	4	2484V. 0300		16.20
2	2483V. 0350		31.70	3	2483V3. 0350		31.70	4	2484V. 0350		31.70
2	2483V. 0400		28.00	3	2483V3. 0400		28.00	4	2484V. 0400		28.00
2	2483V. 0450		36.30	3	2483V3. 0450		36.30	4	2484V. 0450		36.30
2	2483V. 0500		31.60	3	2483V3. 0500		31.60	4	2484V. 0500		31.60
2	2483V. 0550		38.10								
2	2483V. 0600		35.70	3	2483V3. 0600		35.70	4	2484V. 0600		35.70
2	2483V. 0700		35.80								
2	2483V. 0800		45.80	3	2483V3. 0800		45.80	4	2484V. 0800		45.80
2	2483V. 0850		51.80								
2	2483V. 0900		50.40					4	2484V. 0900		50.40
2	2483V. 1000		54.60	3	2483V3. 1000		54.60	4	2484V. 1000		54.60
2	2483V. 1100		74.10								
2	2483V. 1200		79.70	3	2483V3. 1200		79.70	4	2484V. 1200		79.70
2	2483V. 1300		120.00								
2	2483V. 1400		122.40	3	2483V3. 1400		122.40	4	2484V. 1400		122.40
2	2483V. 1500		133.60								
2	2483V. 1600		171.90	3	2483V3. 1600		171.90	4	2484V. 1600		171.90



SISO-Rotorfräser aus Hartmetall

Zahnung

- 1 Grosse Schruppleistung an Stahl (ungehärtet), Aluminium, Kunststoff etc.
 - 2 Für rostfreie Stähle, Werkzeugstähle, Schweissungen
 - 3 Für gehärteten Stahl, eisenhaltige Stähle mit hoher Festigkeit
 - 4 Für alle hochlegierten Stähle und Werkstoffe
 - 5 Für gehärtete Stähle, hohe Oberflächengüte
- Hinterschliffenes Profil ergibt hohe Qualität des Schnittes
 - Hohe Abtragsleistungen u. Lebensdauer
 - Schaftdurchmesser: Ø 6mm, Ø 8mm mit Aufpreis lieferbar

Limes rotatives SISO en métal dur

Denture

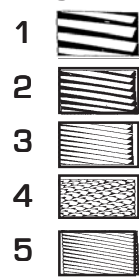
- 1 Dégrossissage acier (non trempé), aluminium, matières plastiques.
 - 2 Pour acier INOX, acier pour étampes et soudures
 - 3 Pour acier trempés, acier ferreux très résistants
 - 4 Pour acier à haute résistance
 - 5 Pour acier trempé, excellents finisages de surfaces
- Profil entièrement rectifié, haute qualité de la coupe
 - Haute résistance de coupe et long durée
 - Diamètre tige: Ø 6 mm Ø 8 mm livrable, prix augmenté

SISO-rotary burs from carbide

Cut

- 1 (Aluma cut) High roughing performance in steel (unhardened), Aluminium, plastics etc.
 - 2 for stainless steel, tool steels, weldings
 - 3 for hardened steel, ferrous steels with high strength
 - 4 for all high alloyed steels and materials
 - 5 for hardened steels with high surface quality
- overall ground profiles results in high quality of cuts
 - high chip production and tool life
 - shank diameter: Ø 6 mm, Ø8mm available with upprice

Zahnung/Denture/Cut



Zylindrisch ohne Stirnschneiden

Cylindrique, sans denture en bout

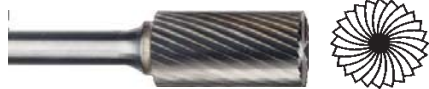
Cylinder shape, plain end



2551VA1..

Zahnung/denture/cut	1	2	3	4	5						
Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.						
no.cde./order no.	no.cde./order no.	no.cde./order no.	no.cde./order no.	no.cde./order no.	no.cde./order no.						
CHF	CHF	CHF	CHF	CHF	CHF						
4.0	6 14 50	2551VA1 0402	18.80	2551VA1 0403	17.20	2551VA1 0404	20.60	2551VA1 0405	19.70		
6.0	6 18 50	2551VA1 0601	20.60	2551VA1 0602	17.40	2551VA1 0603	15.80	2551VA1 0604	18.90	2551VA1 0605	18.20
8.0	6 18 53	2551VA1 0803	21.00	2551VA1 0803	21.00	2551VA1 0804	25.10	2551VA1 0805	24.00		
10.0	6 20 65	2551VA1 1001	30.60	2551VA1 1002	25.80	2551VA1 1003	23.60	2551VA1 1004	28.30	2551VA1 1005	27.30
12.0	6 25 70	2551VA1 1201	35.40	2551VA1 1201	39.70	2551VA1 1203	36.10	2551VA1 1204	43.40	2551VA1 1205	38.70
15.0	6 25 70	2551VA1 1501	54.80	2551VA1 1502	48.50	2551VA1 1503	44.10	2551VA1 1504	52.80	2551VA1 1505	50.70
20.0	6 25 70	2551VA1 2001	72.60	2551VA1 2002	73.40	2551VA1 2003	66.80	2551VA1 2004	80.00	2551VA1 2005	76.80

2551VA2..



Zylindr. Stirnschneiden *Denture cylindr. en bout* Cylinder shape end cut

Zahnung/denture/cut		1		2		3		4		5			
2.551VA2115		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.			
d1	d2	I1	I2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF		
4.0	6	14	50			2551VA2. 0402	20.50	2551VA2. 0403	18.50	2551VA2. 0404	22.20	2551VA2. 0405	21.30
6.0	6	18	50	2551VA2. 0601	22.60	2551VA2. 0602	19.00	2551VA2. 0603	17.40	2551VA2. 0604	20.90	2551VA2. 0605	20.10
8.0	6	18	53			2551VA2. 0802	25.30	2551VA2. 0803	23.10	2551VA2. 0804	27.70	2551VA2. 0805	26.40
10.0	6	20	65	2551VA2. 1001	33.60	2551VA2. 1002	28.50	2551VA2. 1003	26.00	2551VA2. 1004	31.00	2551VA2. 1005	29.90
12.0	6	25	70	2551VA2. 1201	49.20	2551VA2. 1202	43.70	2551VA2. 1203	39.60	2551VA2. 1204	47.50	2551VA2. 1205	45.70
15.0	6	25	70	2551VA2. 1501	60.30	2551VA2. 1502	53.30	2551VA2. 1503	48.50	2551VA2. 1504	58.00	2551VA2. 1505	55.70
20.0	6	25	70	2551VA2. 2001	82.80	2551VA2. 2002	80.70	2551VA2. 2003	73.40	2551VA2. 2004	88.10	2551VA2. 2005	84.50

2551VB1..



Zylindrisch, runde Stirnfläche *Cylindrique, bout hémisphérique* Cylinder shape, radius end

Zahnung/denture/cut		1		2		3		4		5			
2.551VB1115		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.			
d1	d2	I1	I2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF		
4.0	6	14	50			2551VB1. 0402	21.40	2551VB1. 0403	19.30	2551VB1. 0404	23.40	2551VB1. 0405	22.30
6.0	6	18	50	2551VB1. 0601	22.90	2551VB1. 0602	20.20	2551VB1. 0603	18.40	2551VB1. 0604	22.10	2551VB1. 0605	21.20
8.0	6	18	53	2551VB1. 0801	21.80	2551VB1. 0802	25.50	2551VB1. 0803	23.30	2551VB1. 0804	27.90	2551VB1. 0805	26.70
10.0	6	20	65	2551VB1. 1001	30.60	2551VB1. 1002	29.30	2551VB1. 1003	26.70	2551VB1. 1004	32.00	2551VB1. 1005	30.70
12.0	6	25	70	2551VB1. 1201	44.70	2551VB1. 1202	45.80	2551VB1. 1203	41.60	2551VB1. 1204	49.90	2551VB1. 1205	47.70
15.0	6	25	70	2551VB1. 1501	68.10	2551VB1. 1502	55.40	2551VB1. 1503	50.30	2551VB1. 1504	60.30	2551VB1. 1505	54.00
20.0	6	25	70	2551VB1. 2001	93.50	2551VB1. 2002	79.50	2551VB1. 2003	72.30	2551VB1. 2004	86.60	2551VB1. 2005	83.00

2551VC1..



Negativer Kegel, stumpfe Stirn *Conique inversé, bout lisse* inverted cone, plain end

Zahnung/denture/cut		1		2		3		4		5			
2.551VC1115		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.			
Ø d1	Ø d2	I1	I2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF		
6.0	6	6	50			2551VC1. 0602	20.70	2551VC1. 0603	18.70	2551VC1. 0604	22.40	2551VC1. 0605	21.50
10.0	6	10	55			2551VC1. 1002	31.00	2551VC1. 1003	28.30	2551VC1. 1004	34.00	2551VC1. 1005	32.50
12.0	6	12	57	2551VC1. 1201	26.60	2551VC1. 1202	42.90	2551VC1. 1203	39.00	2551VC1. 1204	46.70	2551VC1. 1205	44.80
15.0	6	15	60			2551VC1. 1502	56.10	2551VC1. 1503	51.00	2551VC1. 1504	61.20	2551VC1. 1505	58.60
20.0	6	20	65			2551VC1. 2002	66.60	2551VC1. 2003	60.50	2551VC1. 2004	72.60	2551VC1. 2005	69.60

2551VD1..



Baumförmig, scharfe Spitze *Ogive-Bout pointu* Tree shape, pointed end

Zahnung/denture		2		3		4		5			
2.551VD1115		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.			
d1	d2	I1	I2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF		
6.0	6	18	50	2551VD1. 0602	21.70	2551VD1. 0603	19.80	2551VD1. 0604	23.70	2551VD1. 0605	22.70
8.0	6	16	63	2551VD1. 0802	25.30	2551VD1. 0803	23.10	2551VD1. 0804	27.70	2551VD1. 0805	26.40
10.0	6	20	65	2551VD1. 1002	28.40	2551VD1. 1003	25.80	2551VD1. 1004	30.90	2551VD1. 1005	29.60
12.0	6	25	70	2551VD1. 1202	41.70	2551VD1. 1203	38.00	2551VD1. 1204	45.60	2551VD1. 1205	43.70
15.0	6	27	73	2551VD1. 1502	55.00	2551VD1. 1503	50.00	2551VD1. 1504	59.90	2551VD1. 1505	57.40
20.0	6	30	75	2551VD1. 2002	71.80	2551VD1. 2003	65.10	2551VD1. 2004	78.30	2551VD1. 2005	75.10

2551VE1..



Kegelförmig mit Spitze *Conique, bout pointu* Cone shape, pointed end

Zahnung/denture		2		3		4		5			
2.551VE1115		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.			
d1	d2	I1	I2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF		
6.0	6	18	50	2551VE1. 0602	21.20	2551VE1. 0603	19.10	2551VE1. 0604	23.20	2551VE1. 0605	22.10
10.0	6	18	65	2551VE1. 1002	34.90	2551VE1. 1003	31.70	2551VE1. 1004	38.20	2551VE1. 1005	36.50
12.0	6	20	67	2551VE1. 1202	43.80	2551VE1. 1203	39.80	2551VE1. 1204	47.70	2551VE1. 1205	45.90
15.0	6	25	70	2551VE1. 1502	58.90	2551VE1. 1503	53.40	2551VE1. 1504	64.10	2551VE1. 1505	61.50

2551VH1..



Oval *Ovoïde* Oval shape

Zahnung/denture/cut		1		2		3		4		5			
2.551VH1115		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.		Best.Nr.			
d1	d2	I1	I2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF		
6.0	6	9	50	2551VH1. 0601	29.50	2551VH1. 0602	23.40	2551VH1. 0603	21.30	2551VH1. 0604	25.50	2551VH1. 0605	24.40
10.0	6	16	63	2551VH1. 1001	33.10	2551VH1. 1002	28.00	2551VH1. 1003	25.40	2551VH1. 1004	30.50	2551VH1. 1005	29.10
12.0	6	20	66	2551VH1. 1201	40.70	2551VH1. 1202	43.00	2551VH1. 1203	39.10	2551VH1. 1204	46.80	2551VH1. 1205	44.90
15.0	6	25	70	2551VH1. 1501	73.30	2551VH1. 1502	55.20	2551VH1. 1503	50.20	2551VH1. 1504	60.20	2551VH1. 1505	57.60
20.0	6	30	75	2551VH1. 2001	97.60	2551VH1. 2002	74.90	2551VH1. 2003	68.10	2551VH1. 2004	81.70	2551VH1. 2005	78.30

Kugelförmig Sphérique Ball shape

Zahnung/denture/cut		1			2			3			4			5		
2.551V1115		Best.Nr.			Best.Nr.			Best.Nr.			Best.Nr.			Best.Nr.		
Ø d1	Ø d2	l1	l2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	
6.0	6	3.5	50			2551V11. 0602	19.90	2551V11. 0403	18.10	2551V11. 0404	21.70	2551V11. 0405	20.90			
4.0	6	5	50	2551V11. 0601	22.60	2551V11. 0602	19.10	2551V11. 0603	17.50	2551V11. 0604	21.00	2551V11. 0605	20.20			
8.0	6	7	52			2551V11. 0802	20.80	2551V11. 0803	18.70	2551V11. 0804	22.60	2551V11. 0805	21.60			
10.0	6	9	54	2551V11. 1001	25.20	2551V11. 1002	24.10	2551V11. 1003	21.90	2551V11. 1004	26.30	2551V11. 1005	25.30			
12.0	6	11	56	2551V11. 1201	35.90	2551V11. 1202	31.40	2551V11. 1203	28.60	2551V11. 1204	34.30	2551V11. 1205	32.90			
15.0	6	14	59	2551V11. 1501	64.90	2551V11. 1502	37.90	2551V11. 1503	34.40	2551V11. 1504	41.30	2551V11. 1505	39.50			
20.0	6	18	63	2551V11. 2001	109.80	2551V11. 2002	53.30	2551V11. 2003	48.30	2551V11. 2004	58.00	2551V11. 2005	55.70			

2551V11..



Baumform, runde Spitze Ogive, bout hémisph. Tree shape, radius end

Zahnung/denture/cut		1			2			3			4			5		
2.551VK1115		Best.Nr.			Best.Nr.			Best.Nr.			Best.Nr.			Best.Nr.		
Ø d1	Ø d2	l1	l2	no.cde.	CHF	no.cde.	CHF	no.cde.	CHF	no.cde.	CHF	no.cde.	CHF	no.cde.	CHF	
6.0	6	18	50	2551VK1. 0601	25.80	2551VK1. 0602	21.70	2551VK1. 0603	19.80	2551VK1. 0604	23.70	2551VK1. 0605	22.70			
10.0	6	20	65	2551VK1. 1001	32.30	2551VK1. 1002	26.30	2551VK1. 1003	23.90	2551VK1. 1004	28.70	2551VK1. 1005	27.60			
12.0	6	25	70	2551VK1. 1201	45.30	2551VK1. 1202	41.70	2551VK1. 1203	38.00	2551VK1. 1204	45.60	2551VK1. 1205	43.70			
15.0	6	28	73	2551VK1. 1501	64.90	2551VK1. 1502	56.10	2551VK1. 1503	51.00	2551VK1. 1504	61.20	2551VK1. 1505	58.60			
20.0	6	30	75	2551VK1. 2001	91.20	2551VK1. 2002	91.20	2551VK1. 2003	82.80	2551VK1. 2004	99.40	2551VK1. 2005	95.40			

2551VK1..



14° Kegel, runde Spitze Conique à 14°, b.hémis. 14° taper, radius end

Zahnung/denture		1			2			3			4			5		
2.551VL1115		Best.Nr.			Best.Nr.			Best.Nr.			Best.Nr.			Best.Nr.		
Ø d1	Ø d2	l1	l2	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF	
6.0	6	20	50	2551VL1. 0601	26.80	2551VL1. 0602	22.20	2551VL1. 0603	20.20	2551VL1. 0604	24.20	2551VL1. 0605	23.30			
8.0	6	22	57			2551VL1. 0802	29.10	2551VL1. 0803	26.50	2551VL1. 0804	31.90	2551VL1. 0805	30.60			
10.0	6	25	70	2551VL1. 1001	41.40	2551VL1. 1002	34.30	2551VL1. 1003	31.10	2551VL1. 1004	37.20	2551VL1. 1005	35.80			
12.0	6	28	73	2551VL1. 1201	57.10	2551VL1. 1202	44.90	2551VL1. 1203	41.00	2551VL1. 1204	43.40	2551VL1. 1205	46.90			
15.0	6	30	75	2551VL1. 1501	93.90	2551VL1. 1502	77.70	2551VL1. 1503	70.60	2551VL1. 1504	84.70	2551VL1. 1505	81.20			
20.0	6	32	77	2551VL1. 2001	121.70	2551VL1. 2002	111.40	2551VL1. 2003	101.30	2551VL1. 2004	121.60	2551VL1. 2005	116.50			

2551VL1..



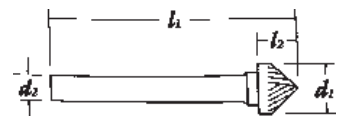
90° und 60° Kegel Conique à 90° et 60° Counter sink 90° & 60°

Typ	2.551VF1(90°)			2.551VG1(60°)			Zahnung/denture/cut					2.551VF1115
	1	2	3	1	2	3	4	5				
Ø d1	d2	l1	l2	d2	l1	l2	CHF	CHF	CHF	CHF	CHF	
6	6	50	3	6	50	6		20.20	18.40	22.10	21.20	
10	6	52	5	6	55	10	25.20x	24.50	22.40	21.60	25.80	
12	6	53	6	6	58	12		33.00	30.00	35.90	34.50	
15	6	56	8	6	59	16		43.00	39.10	46.80*	45.10	
20	6	58	9	6	61	20		54.50	49.60	59.40	57.00*	
25	6	61	12	6	68	23		88.10	80.00		91.90	

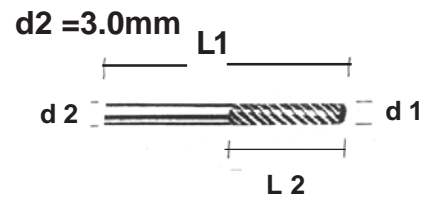
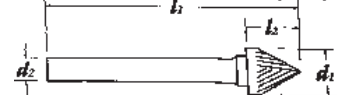
12mm Schaft/queue/shank * nur/ seulement /only VG1

x nur/seulement/only VF1

2551VF1..(90°)



2551VG1..(60°)



HM-Miniatur-Rotorfräser Fraise rot. MINI en MD Mini rotary burs carbide
Hieb/taille/cut TG2 Hieb/taille/cut TG3 Hieb/taille/cut TG4



Rostfreie Stähle, Stahlguss, Schweissnähte, Leichtmetalle
 Acier INOX, fonte, cordones de soudure, alliages légers
 Stainless steels, cast steel, welding seams, non ferrous metals



Gehärtete und hochfeste Stähle
 acier trempés, acier ferreux
 hardened and high strength steels



Für alle hochlegierten Materialien. Pour tous matériaux à haute résistance
 For all high alloyed materials

Zylindrisch, stumpf Cylindrique, bout lisse Cylinder shape, plain end

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4		
2.551V3A115		no.cde./order no.			CHF	no.cde./order no.		CHF	no.cde./order no.		CHF
2.0	3	7	40	2551V3A. 0202	10.30	2551V3A. 0203	9.50	2551V3A. 0204	11.10		
3.0	3	14	40	2551V3A. 0302	12.20	2551V3A. 0303	9.50	2551V3A. 0304	11.10		
4.0	3	10	40	2551V3A. 0402	27.10	2551V3A. 0403	24.40	2551V3A. 0404	29.40		
6.0	3	14	44	2551V3A. 0602	17.00	2551V3A. 0603	15.40	2551V3A. 0604	18.50		

2551V3A..



Baumform, runde Spitze Ogive, b.hémisphérique Tree shape, radius end

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4		
2.551V3B115		no.cde./order no.			CHF	no.cde./order no.		Fr.	no.cde./order no.		CHF
3.0	3	12	40	2551V3B. 0302	10.30	2551V3B. 0303	9.50	2551V3B. 0304	11.10		
4.0	3	10	40	2551V3B. 0402	*	2551V3B. 0403	11.70	2551V3B. 0404	*		
6.0	3	14	44	2551V3B. 0602	17.00	2551V3B. 0603	15.40	2551V3B. 0604	18.50		

2551V3B..



* Preis auf Anfrage / prix sur demande / price on request

2551V3C..



Zylindrisch, runde Stirn *Cylindrique à b.hémis.* Cylinder, radius end

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4
2.551V3C115				no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF
2.0	3	7	40	2551V3C. 0202	10.30	2551V3C. 0203	9.50	2551V3C. 0204	11.10
3.0	3	14	40	2551V3C. 0302	10.30	2551V3C. 0303	9.50	2551V3C. 0304	11.10
4.0	3	10	40	2551V3C. 0402	27.10	2551V3C. 0403	24.40	2551V3C. 0404	29.40
6.0	3	14	44	2551V3C. 0602	17.00	2551V3C. 0603	15.40	2551V3C. 0604	18.50

2551V3D..



Negativer Kegel *Conique inversé* Inverted cone

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4
2.551V3D115				no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF
3.0	3	3	40	2551V3D. 0302	10.30	2551V3D. 0303	9.50	2551V3D. 0304	11.10
4.0 / 4.7	3	4	34	2551V3D. 0402	13.20	2551V3D. 0473	25.40	2551V3D. 0474	30.50
6.0	3	6	36	2551V3D. 0602	17.00	2551V3D. 0603	11.50	2551V3D. 0604	18.50

2551V3F..



Kugelförmig *Sphérique* Ball shape

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4
2.551V3F115				no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF
2.3	3	2	38	2551V3F. 0232	10.30	2551V3F. 0233	9.50		-
3.0	3	3	38	2551V3F. 0302	10.30	2551V3F. 0303	9.50	2551V3F. 0304	11.10
4.7	3	4	38	2551V3F. 0472	27.10	2551V3F. 0473	24.40	2551V3F. 0474	29.40
6.0	3	5	43	2551V3F. 0602	17.00	2551V3F. 0603	15.40	2551V3F. 0604	18.50

2551V3G..



Exemple de cde.:
order example:

2551V3G.0303

Kegelförmig mit Spitze *Conique, bout pointu* Cone shape, pointed end

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4
2.551V3G115				no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF
3.0	3	12	40	2551V3G. 0302	10.30	2551V3G. 0303	9.50	2551V3G. 0304	11.10
4.0	3	10	40	2551V3G. 0402	*	2551V3G. 0403	13.80	2551V3G. 0404	16.90
6.0	3	14	44	2551V3G. 0602	17.00	2551V3G. 0603	15.40	2551V3G. 0604	18.50

* Preis auf Anfrage / prix sur demande / price on request

2551V3H..



d1 TG3

14° Kegel, runde Spitze *Conique à 14°, b.hémis.* 14° taper, radius end

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4
2.551V3H115				no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF
3.0	3	14	40	2551V3H. 0302	10.30	2551V3H. 0303	9.50	2551V3H. 0304	11.10
6.0	3	18	48	2551V3H. 0602	*	2551V3H. 0603	*	2551V3H. 0604	*

* Preis auf Anfrage / price sur demande / price on request

2551V3K..



Baumform, sch. Spitze *Ogive, bout pointu* Tree shape, pointed end

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4
2.551V3K115				no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF
3.0	3	12	40	2551V3K. 0302	10.30	2551V3K. 0303	9.50	2551V3K. 0304	11.10
4.7	3	10	40			2551V3K. 0503	24.40		
6.0	3	14	44	2551V3K. 0602	17.00	2551V3K. 0603	15.40	2551V3K. 0604	18.50

2551V3O..



Oval *Ovoïde* Oval shape

d1[mm]	d2	L2	L1	Best.Nr.	TG2	Best.Nr.	TG3	Best.Nr.	TG4
2.551V3O115				no.cde./order no.	CHF	no.cde./order no.	CHF	no.cde./order no.	CHF
3.0	3	6	40	2551V3O. 0302	10.30	2551V3O. 0303	9.50	2551V3O. 0304	11.10
6.0	3	9	39	2551V3O. 0602	17.00	2551V3O. 0603	15.40	2551V3O. 0604	18.50

HSS-Juwelierfräser

Aus hochbeständigem, robustem **HSS-M2**-Stahl mit einer Härte von 63-65 ° HRC gefertigt. Hohe Wärmebeständigkeit bei extremen Verhältnissen. Schneidet schneller und länger im Vergleich mit Dental-Fräsern und Werkzeugstahl-Fräsern. Schaft: 2.35 mm/ 3/32 "

Fraises pour bijoutiers

Fabriqué en acier **HSS-M2** avec une dureté HRC de 63 - 65°, robuste et résistante à la chaleur lors de conditions extrêmes. Coupe plus vite et dure plus longtemps comparée à des fraises dentales ou en acier d'outil.

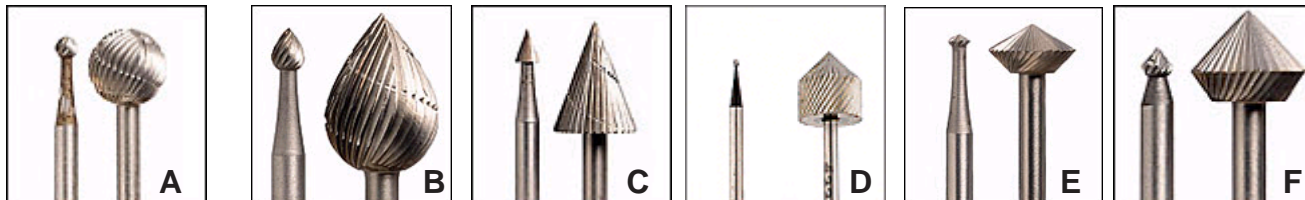
Tige: 2.35 mm/ 3/32 "

Jewelers burs

Made of extremely rugged high-speed steel **HSS-M2**, hardness HRC of 63-65 °, to withstand heat buildup under the most extreme conditions. Cut faster and last longer than dental and tool-steel burs.

Shank: 2.35 mm/ 3/32 "

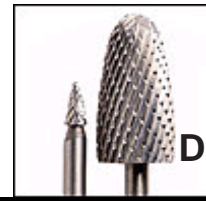
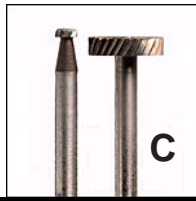
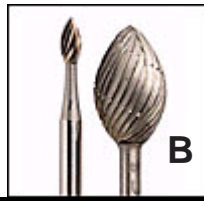
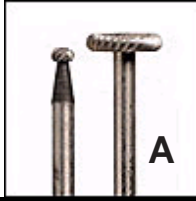
**25530..
HSS-M2**



Grösse Grandeur Size	Durchmesser Diamètre Diameter	Stückpreis Prix/pce Each Prices			Stückpreis Prix/pce Each Prices			Stückpreis Prix/pce Each Prices					
		A	B	C	D	E	F	Fr.	Fr.	Fr.			
		Kugel Sphère Round	Knospe Bouton Bud	Kegel Conique Cone	Steinruh Cylindrique pointu Setting	Doppel Kegel 45° Double cone 45° 45° Hart	Doppel Kegel 90° Double cone 90° Bearing cutter 90°	Fr.	Fr.	Fr.			
					1-5	6+	1-5	6+	1-5	6+			
1	0.90	255300.090	-	-	4.20	3.80	255303.090	4.35	3.95	-	255306.090	4.35	3.95
2	1.10	255300.110	255301.110	255302.110	4.20	3.80	255303.110	4.35	3.95	255304.110	255306.110	4.35	3.95
3	1.30	255300.130	255301.130	255302.130	4.20	3.80	255303.130	4.35	3.95	255304.130	255306.130	4.35	3.95
4	1.50	255300.150	255301.150	255302.150	4.20	3.80	255303.150	4.35	3.95	255304.150	255306.150	4.35	3.95
5	1.70	255300.170	255301.170	255302.170	4.20	3.80	255303.170	4.35	3.95	255304.170	255306.170	4.35	3.95
6	1.90	255300.190	255301.190	255302.190	4.20	3.80	255303.190	4.35	3.95	255304.190	255306.190	4.35	3.95
7	2.10	255300.210	255301.210	255302.210	4.20	3.80	255303.210	4.35	3.95	255304.210	255306.210	4.35	3.95
8	2.30	255300.230	255301.230	255302.230	4.20	3.80	255303.230	4.35	3.95	255304.230	255306.230	4.35	3.95
9	2.50	255300.250	255301.250	255302.250	4.75	4.30	255303.250	5.55	5.05	255304.250	255306.250	5.55	5.05
10	2.70	255300.270	255301.270	255302.270	4.75	4.30	255303.270	5.55	5.05	255304.270	255306.270	5.55	5.05
11	2.90	255300.290	255301.290	255302.290	4.75	4.30	255303.290	5.55	5.05	255304.290	255306.290	5.55	5.05
12	3.10	255300.310	255301.310	255302.310	4.75	4.30	255303.310	5.55	5.05	255304.310	255306.310	5.55	5.05
13	3.30	255300.330	255301.330	255302.330	5.60	5.10	255303.330	6.70	6.10	255304.330	255306.330	6.70	6.10
14	3.50	255300.350	255301.350	255302.350	5.60	5.10	255303.350	6.70	6.10	255304.350	255306.350	6.70	6.10
15	3.80	255300.380			5.60	5.10	255303.380	6.70	6.10	255304.380	255306.380	6.70	6.10
16	4.00	255300.400	255301.400	255302.400	5.60	5.10	255303.400	6.70	6.10	255304.400	255306.400	6.70	6.10
17	4.30	255300.430			5.60	5.10	255303.430	6.70	6.10	255304.430	255306.430	6.70	6.10
18	4.50	255300.450	255301.450	255302.450	5.60	5.10	255303.450	6.70	6.10	255304.450	255306.450	6.70	6.10
19	4.70	255300.470			6.75	6.15	255303.470	7.55	6.85	255304.470	255306.470	7.55	6.85
20	5.00	255300.500	255301.500	255302.500	6.75	6.15	255303.500	7.55	6.85	255304.500	255306.500	7.55	6.85
22	5.20	255300.520	255301.520	255302.520	6.75	6.15	255303.520	7.55	6.85	255304.520	255306.520	7.55	6.85
23	5.40	255300.540			6.75	6.15	255303.540	7.55	6.85		255306.540	7.55	6.85
24	5.60	255300.560	255301.560	255302.560	6.75	6.15	255303.560	7.55	6.85	255304.560	255306.560	7.55	6.85
25	5.90	255300.590			6.75	6.15	255303.590	7.55	6.85		255306.590	7.55	6.85
26	6.30	255300.630	255301.630	255302.630	8.25	7.50	255303.630	8.25	7.50	255304.630	255306.630	8.25	7.50
27	6.70	255300.670			8.25	7.50	255303.670	8.25	7.50		255306.670	8.25	7.50
28	7.20	255300.720	255301.720	255302.720	8.25	7.50	255303.720	8.25	7.50	255304.720	255306.720	8.25	7.50
29	7.60	255300.760			8.25	7.50	255303.760	8.25	7.50		255306.760	8.25	7.50
30	8.00	255300.800	255301.800	255302.800	8.25	7.50	255303.800	8.25	7.50	255304.800	255306.800	8.25	7.50
31	8.90	255300.890			10.20	9.25	255303.890	10.20	9.25		255306.890	10.20	9.25
32	9.60	255300.960	255301.960	255302.960	10.20	9.25	255303.960	10.20	9.25		255306.960	10.20	9.25
33	10.40	255300.104			11.05	10.05	255303.104	11.05	10.05		255306.104	11.05	10.05
34	11.10	255300.111	255301.111	255302.111	11.05	10.05	255303.111	11.05	10.05	255304.111	255306.111	11.05	10.05

255307.. HSS-Juwelierfräser Fraises pour bijoutiers Jewelers burs

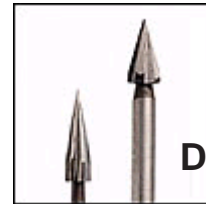
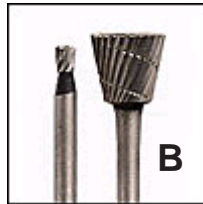
HSS-E



2.5530719		Durchmes. Diamètre Diameter	A	B	C	D	Stückpreis Prix/pce Price each	
Grösse Grandeur Size	[mm]		Rad Roue Round edge	Flamme Flamme Flame	Rad Roue Wheel	Baum Ogive Tree	1-5	6+
2	1.10			255308. 110			4.20	3.80
4	1.50			255308. 150			4.20	3.80
5	1.70	255307. 170			255309. 170	255311. 170	4.20	3.80
6	1.90			255308. 190			4.20	3.80
8	2.30	255307. 230		255308. 230	255309. 230	255311. 230	4.20	3.80
10	2.70			255308. 270			5.35	4.80
12	3.10			255308. 310			5.35	4.80
13	3.30	255307. 330			255309. 330	255311. 330	6.45	5.85
14	3.50			255308. 350			6.45	5.85
16	4.00	255307. 400		255308. 400	255309. 400		6.45	5.85
18	4.50			255308. 450			6.45	5.85
19	4.70	255307. 470			255309. 470	255311. 470	7.30	6.60
20	5.00			255308. 500			7.30	6.60
22	5.20			255308. 520			7.30	6.60
24	5.60			255308. 560			7.30	6.60
26	6.30	255307. 630		255308. 630	255309. 630	255311. 630	7.65	6.90
30	8.00	255307. 800		255308. 800	255309. 800	255311. 800	7.65	6.90
34	11.10	255307. 111			255309. 111		10.20	9.20

255312..

HSS-E
2.35 mm



2.5531219		Durchmes. Diamètre Diameter	A	B	C	D	Stückpreis Prix/pce Each Prices	
Grösse Grandeur Size	[mm]		Rad Roue Round edge	Flamme Flamme Flame	Rad Roue Wheel	Baum Ogive Tree	1-5	6+
5	1.70	255312. 170		255313. 170			4.20	3.80
8	2.30	255312. 230		255313. 230			4.20	3.80
9	2.50					255303. 250	5.35	4.80
13	3.30	255312. 330		255313. 330		255316. 330	6.45	5.85
16	4.00	255312. 400					6.45	5.85
19	4.70	255312. 470		255313. 470		255316. 470	7.30	6.60
26	6.30	255312. 630		255313. 630	255314. 630		7.65	6.90
30	8.00	255312. 800		255313. 800	255314. 800		7.65	6.90
34	11.10	255312. 111			255314. 111		10.20	9.20

255317..

HSS-E
2.35 mm

Speziell ausgelegt um einen Sitz mit einem Stift zu reinigen. Durchmesser der Bohrung: 1.5 mm, muss in den Stift passen. Aus HSS-E Stahl. einzeln und im Set erhältlich.

Conçipé pour nettoyer un siège autour d'un goupille. Diamètre de l'alésage: 1.5 mm, à correspondre au diamètre du cou-pille. En HSS-E. Livrable par pce ou en jeu.

Specially designed to clean seat around a peg. Hole in end of each bur measures 1.5mm dia. to fit over peg. Made of HSS-E. Available individually and in a 5 pce. set.



Durchmes./Diamètre/Diameter	Perlen Fräser/Frais à perle/Perl peg burs	Stückpreis/Priv/pce/price/pce.
4.00 [mm]	255317. 400	5.30
4.50	255317. 450	5.30
5.00	255317. 500	6.70
5.50	255317. 550	6.70
6.00	255317. 600	7.30
5 St/pce. Set/jeu	255317. 990	29.80

Juwelierfräser-Sätze

Aus hochbeständigem, robustem HSS-M2-Stahl gefertigt. Hohe Wärmebeständigkeit bei extremen Verhältnissen. Schneidet schneller und länger im Vergleich mit Dental-Fräsern und Werkzeugstahlfräsern. In attraktiven Holzkasten geliefert.

Schaft: 2.35 mm/ 3/32 "

Fraises pour bijoutiers en jeu

Fabriqués d'acier HSS-M2 robuste et résistante à la chaleur sous des conditions extrêmes. La coupe est plus vite et durerait plus longue, comparée avec des fraises dental ou d'aciers d'outil. Livrées en boîtes de bois attractives.

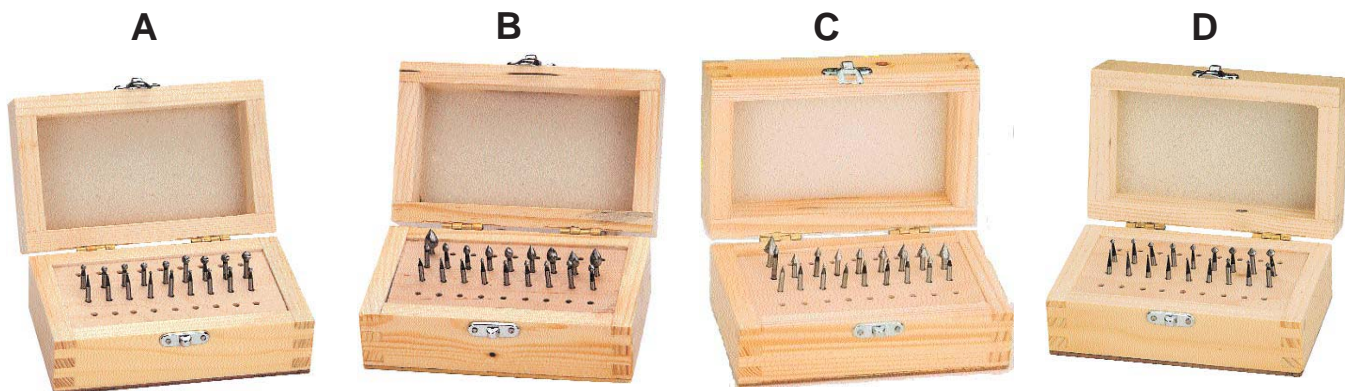
Tiege: 2.35 mm/ 3/32 "

High-Speed Bur Sets

Made of rugged high-speed steel HSS-M2 to withstand heat buildup under extreme conditions. Perform faster and last longer than dental and tool-steel burs. Packaged in attractive wooden boxes.

Shank: 2.35 mm/ 3/32 "

255318..
HSS-M2



Beschreibung Set Description jeu Description set	Anzahl Fräser nombre de fraises Bur Qty.	Größen Grandeur Sizes	Best.Nr. no.cde. order no.	Stückpreis Prix/pce Each Prices
A. Kugel/Sphère/Round	18	1 - 18	255318. 011	89.30
	25	1 - 26	255318. 012	130.90
	29	1 - 30	255318. 013	155.55
	33	1 - 34	255318. 014	190.95
	36	1 - 12 (je 3/3 de chaque/3 each)	255318. 015	150.90
B. Knospe/Button/But	19	2 - 14, 16 - 26 (nur gerade, seulement pair, even only)	255318. 016	104.70
	23	2 - 14, 16 - 34 (nur gerade, seulement pair, even only)	255318. 017	130.90
C. Kegel, Conique, Cone	19	2 - 14, 16 - 26 (nur gerade, seulement pair, even only)	255318. 018	104.70
	23	2 - 14, 16 - 34 (nur gerade, seulement pair, even only)	255318. 019	130.90
D. Doppel Kegel/Double cone / Bearing 90°	19	1 - 18	255318. 020	103.20
	25	1 - 26	255318. 021	144.75
	14	2 - 28 (nur gerade, seulement pair, even only)	255318. 022	89.30
	33	1 - 34	255318. 023	204.80
	36	1 - 12 (je 3/3 de chaque/3 each)	255318. 024	169.40
DoppelKegel/ Double Cone/ Hart 45°	17	2 - 18	255318. 025	95.50
	14	2 - 28 (nur gerade, seulement pair, even only)	255318. 026	89.30
	24	2 - 20, 22 - 30 (nur gerade, seulement pair, even only)	255318. 027	144.75
	33	2 - 12 (je 3/3 de chaque/3 each)	255318. 028	157.10
Steinruh/Cylindrique pointu/Setting	18	1 - 18	255318. 029	103.20
	25	1 - 26	255318. 030	144.75
	29	1 - 30	255318. 031	177.10
	33	1 - 34	255318. 032	204.80

Grosser Juwelierfräser-Satz HSS-E

Enthält 119 Fräser in einem attraktiven Holzetui untergebracht. Zusammensetzung: siehe unten.

Grand jeu de Fraises pour bijoutiers en HSS-E

Contien 119 fraises, livrées en boîte de bois attractives, Configuration selon liste dessous.

Tiege: 2.35 mm/ 3/32 "

Grand High-Speed Bur Set

includes 119 burs as described in list below. Packaged in attractive wooden box. Shank: 2.35 mm/ 3/32 "



Beschreibung Set Description jeu Description set	Anzahl Fräser no. de fraises Bur Qty.	Größen Grandeur Sizes	Best.Nr. no.cde. order no.	Stückpreis Prix/pce Each Prices
E. Grosser Fräser Set	119	25 Kugel-Fräser, 1-26; 19 Knospe, 2-14, 16-16(nur gerade); 25 Doppel Kegel 90°, 1-26; 17 Doppel-Kegel 45°, 2-18; 33 Steinruh, 1-34		
E. Grand jeu		25 Spère, 1-26; 19 Button, 2-14, 16-16(seulement pair); 25 Double cone 90°, 1-26; 17 Double cone 45°, 2-18; 33 cylindrique pointu, 1-34	255319. 011	727.00
E. Grand Bur Set		25 Round burs, 1-26; 19 Bud burs, 2-14, 16-16(even only); 25 Bearing burs, 1-26; 17 Hart burs, 2-18; 33 Setting burs, 1-34		