

**Flache Versenkfräser
IFANGER**

- aus molybdänlegiertem Schnellarbeitsstahl u. Hartmetall, TiN-Beschichtung auf Anfrage
- modular aufgebaut
- Schaft/Fräser/Zapfen frei kombinierbar, alle Teile gehärtet
- Schneiden auf der Stirnseite nachschärfbar

**Têtes de fraise plate
IFANGER**

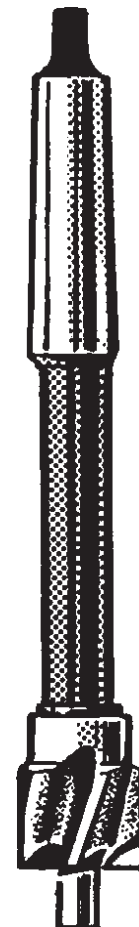
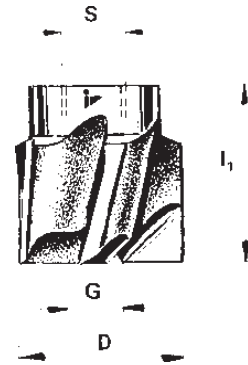
- en acier rapide au molybdène et métal dur, revêtu de TiN sur demande
- structure modulaire
- possibilités illimitées de combinaisons entre la tête, la tige et le pivot de guidage, toutes les pièces trempées
- les têtes doivent être réaffûtées sur la partie frontale

Flat Mill Heads IFANGER

- in HSS -Steeland carbide, TiN coating on request
- modular structure with
- unlimited possibilities of combinations between heads, shafts and guiding pivots all components are hardened
- heads can be reground at the front

2536..

D mm	s	G	I1	CHF	D mm	s	G	I1	CHF	D mm	s	G	I1	CHF
6.0	M6	M3	26	37.00	25.5	M12	M7	35	62.50	43.5	M21	M8	44	145.60
8.0	M6	M3	26	29.70	26.0	M12	M7	35	65.30	44.0	M21	M8	44	152.10
8.5	M6	M3	26	29.70	26.5	M12	M7	35	65.30	44.5	M21	M8	44	152.10
9.0	M6	M3	26	29.70	27.0	M14	M7	35	68.40	45.0	M21	M10	48	159.30
9.5	M6	M3	26	29.70	27.5	M14	M7	35	68.40	45.5	M21	M10	48	159.30
10.0	M6	M3.5	26	29.70	28.0	M14	M7	36	71.80	46.0	M21	M10	48	166.40
10.5	M6	M3.5	26	29.70	28.5	M14	M7	36	71.80	46.5	M21	M10	48	166.40
11.0	M6	M3.5	28	31.80	29.0	M14	M7	36	75.10	47.0	M21	M10	48	172.90
11.5	M6	M3.5	28	31.80	29.5	M14	M7	36	75.10	47.5	M21	M10	48	172.90
12.0	M8	M4.5	33	33.80	30.0	M14	M7	36	78.50	48.0	M21	M10	48	180.00
12.5	M8	M4.5	33	33.80	30.5	M14	M7	36	78.50	48.5	M21	M10	48	180.00
13.0	M8	M4.5	33	35.50	31.0	M15	M7	36	81.90	49.0	M21	M10	48	186.00
13.5	M8	M4.5	33	35.50	31.5	M15	M7	36	81.90	49.5	M21	M10	48	186.00
14.0	M8	M5	33	37.70	32.0	M15	M7	37	85.40	50.0	M25	M10	53	192.90
14.5	M8	M5	33	37.70	32.5	M15	M7	37	85.40	50.5	M25	M10	53	192.90
15.0	M8	M5	33	39.40	33.0	M15	M8	37	89.30	51.0	M25	M10	53	199.90
15.5	M8	M5	33	39.40	33.5	M15	M8	37	89.30	51.5	M25	M10	53	199.90
16.0	M8	M5	33	41.70	34.0	M15	M8	37	93.60	52.0	M25	M10	53	205.60
16.5	M8	M5	33	41.70	34.5	M15	M8	37	93.60	52.5	M25	M10	53	205.60
17.0	M8	M5	33	43.60	35.0	M15	M8	38	97.50	53.0	M25	M10	53	213.00
17.5	M8	M5	33	43.60	35.5	M15	M8	38	97.50	53.5	M25	M10	53	213.00
18.0	M10	M6	33	45.40	36.0	M18	M8	38	100.80	54.0	M25	M10	53	219.60
18.5	M10	M6	33	45.40	36.5	M18	M8	38	100.80	54.5	M25	M10	53	219.60
19.0	M10	M6	33	47.40	37.0	M18	M8	38	105.80	55.0	M30	M10	53	226.20
19.5	M10	M6	33	47.40	37.5	M18	M8	38	105.80	55.5	M30	M10	53	226.20
20.0	M10	M6	33	49.20	38.0	M18	M8	38	110.80	56.0	M30	M10	53	235.90
20.5	M10	M6	33	49.20	38.5	M18	M8	38	110.80	56.5	M30	M10	53	235.90
21.0	M10	M6	33	51.70	39.0	M18	M8	40	118.50	57.0	M30	M10	53	246.40
21.5	M10	M6	33	51.70	39.5	M18	M8	40	118.50	57.5	M30	M10	53	246.40
22.0	M12	M6	34	55.00	40.0	M18	M8	40	125.00	58.0	M30	M10	53	256.10
22.5	M12	M6	34	55.00	40.5	M18	M8	40	125.00	58.5	M30	M10	53	256.10
23.0	M12	M6	34	57.20	41.0	M18	M8	40	131.50	59.0	M30	M10	53	266.80
23.5	M12	M6	34	57.20	41.5	M18	M8	40	131.50	59.5	M30	M10	53	266.80
24.0	M12	M7	34	59.80	42.0	M21	M8	44	139.10	60.0	M30	M10	53	276.50
24.5	M12	M7	34	59.80	42.5	M21	M8	44	139.10	60.5	M30	M10	53	276.50
25.0	M12	M7	35	62.50	43.0	M21	M8	44	145.60					2.536112



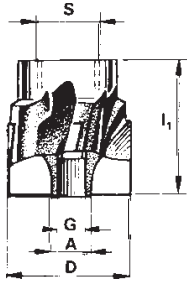
Andere Masse auf Anfrage/autres dimensions sur demande/other dimensions on request

2536HM..

Flache Versenkfräser
Hartmetall (K10)

Têtes de fraise plate gar-
nies de carbure (K10)

Flat mill heads from
carbide(K10)



D mm	s	G	l1	CHF	D mm	s	G	l1	CHF	D mm	s	G	l1	CHF
10.0	M6	M3	26	102.70	27.0	M14	M6	35	185.70	44.0	M21	M8	44	286.90
10.5	M6	M3	26	102.70	27.5	M14	M6	35	185.70	44.5	M21	M8	44	286.90
11.0	M6	M3	28	105.90	28.0	M14	M6	36	190.40	45.0	M21	M8	48	288.70
11.5	M6	M3	28	105.90	28.5	M14	M6	36	190.40	45.5	M21	M8	48	288.70
12.0	M8	M3.5	33	110.30	29.0	M14	M6	36	197.30	46.0	M21	M8	48	296.00
12.5	M8	M3.5	33	110.30	29.5	M14	M6	36	197.30	46.5	M21	M8	48	296.00
13.0	M8	M3.5	33	115.00	30.0	M14	M7	36	202.80	47.0	M21	M8	48	301.00
13.5	M8	M3.5	33	115.00	30.5	M14	M7	36	202.80	47.5	M21	M8	48	301.00
14.0	M8	M3.5	33	118.80	31.0	M15	M7	36	209.40	48.0	M21	M8	48	313.70
14.5	M8	M3.5	33	118.80	31.5	M15	M7	36	209.40	48.5	M21	M8	48	313.70
15.0	M8	M4.5	33	122.50	32.0	M15	M7	37	215.20	49.0	M21	M8	48	318.00
15.5	M8	M4.5	33	122.50	32.5	M15	M7	37	215.20	49.5	M21	M8	48	318.00
16.0	M8	M4.5	33	126.30	33.0	M15	M7	37	221.60	50.0	M25	M8	53	323.40
16.5	M8	M4.5	33	126.30	33.5	M15	M7	37	221.60	50.5	M25	M8	53	323.40
17.0	M8	M4.5	33	130.80	34.0	M15	M7	37	226.70	51.0	M25	M8	53	326.00
17.5	M8	M4.5	33	130.80	34.5	M15	M7	37	226.70	51.5	M25	M8	53	326.00
18.0	M10	M5	33	134.70	35.0	M15	M7	38	233.30	52.0	M25	M10	53	328.00
18.5	M10	M5	33	134.70	35.5	M15	M7	38	233.30	52.5	M25	M10	53	328.00
19.0	M10	M5	33	139.30	36.0	M18	M7	38	239.00	53.0	M25	M10	53	339.00
19.5	M10	M5	33	139.30	36.5	M18	M7	38	239.00	53.5	M25	M10	53	339.00
20.0	M10	M5	33	145.20	37.0	M18	M7	38	245.40	54.0	M25	M10	53	330.00
20.5	M10	M5	33	145.20	37.5	M18	M7	38	245.40	54.5	M25	M10	53	330.00
21.0	M10	M5	33	151.40	38.0	M18	M7	38	251.10	55.0	M30	M10	53	331.60
21.5	M10	M5	33	151.40	38.5	M18	M7	38	251.10	55.5	M30	M10	53	331.60
22.0	M12	M6	34	155.40	39.0	M18	M8	40	257.10	56.0	M30	M10	53	332.00
22.5	M12	M6	34	155.40	39.5	M18	M8	40	257.10	56.5	M30	M10	53	332.00
23.0	M12	M6	34	159.40	40.0	M18	M8	40	263.70	57.0	M30	M10	53	334.00
23.5	M12	M6	34	159.40	40.5	M18	M8	40	263.70	57.5	M30	M10	53	334.00
24.0	M12	M6	34	163.30	41.0	M18	M8	40	268.70	58.0	M30	M10	53	334.00
24.5	M12	M6	34	163.30	41.5	M18	M8	40	268.70	58.5	M30	M10	53	334.00
25.0	M12	M6	35	167.50	42.0	M21	M8	44	276.00	59.0	M30	M10	53	338.00
25.5	M12	M6	35	167.50	42.5	M21	M8	44	276.00	59.5	M30	M10	53	338.00
26.0	M12	M6	35	173.30	43.0	M21	M8	44	284.50	60.0	M30	M10	53	343.30
26.5	M12	M6	35	173.30	43.5	M21	M8	44	284.50	60.5	M30	M10	53	343.30

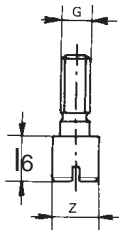
2536HM112

2536VFZ..

Feste Zapfen zu Ver-
senkfräser

Pivots fixes pour fraises
à pivot

Solid pivots for flat
mills



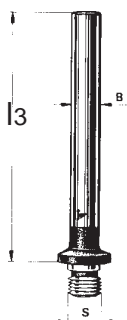
φ-z mm	Gewinde/thread			D Fräser / D de fraises/ D mills	
	CHF	filitage	l6	2536..	2536HM..
2.536VFZ112					
		G		HSS/TiN	HM
3.5	3.7	4	4.2	4.3	6.30
4.5	4.8	5	5.5	5.8	6.30
6	6.5	7	7.5	7.5	6.30
4	4.5	5	5.3	5.5	6.30
5.8	6	6.4	6.5	7	6.30
7.5	8	8.5			6.30
5	5.5	6	6.4	6.5	6.30
5	5.5	6	6.5	7	6.30
6	6.5	7	7.5		6.30
7	7.5	8	8.5		6.30
8	9	10	11		7.90
10	11				7.60
					M 10
					12
					45.0 - 60.5
					52.0 - 60.5

2536SCH.Z..

Zylindrische Schäfte

Tiges cylindriques

Cylindrical shanks

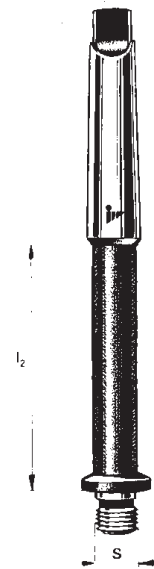


Ø-B mm	Gewinde filitage/thread	Best.Nr. no.cde.	CHF	Ø Fräser / Ø de fraises/Ø mill		
				l3	2536..	2536HM..
2.536SCH-Z112						
	S	order no.		HSS/TiN	HM	
8	M 6	2536SCH.Z. 100	16.40	94	7.0 - 11.5	10.0 - 11.5
10	M 8	2536SCH.Z. 120	18.40	100	12.0 - 17.5	12.0 - 17.5
10	M 10X20g/1"	2536SCH.Z. 140	21.80	100	18.0 - 21.5	18.0 - 21.5
12	M 12X20g/1"	2536SCH.Z. 160	25.70	109	22.0 - 26.5	22.0 - 26.5
12	M 14X20g/1"	2536SCH.Z. 180	28.10	107	27.0 - 30.5	27.0 - 30.5
12	M 15X20g/1"	2536SCH.Z. 200	31.80	107	31.0 - 35.5	31.0 - 35.5
16	M 18X20g/1"	2536SCH.Z. 220	38.10	106	36.0 - 41.5	36.0 - 41.5

MK-Schäfte zu Versenk- *Tiges cône morse (MK)* Conical shanks morse-sized (MK)
fräser

2536SCH..

MK	Gewinde <i>filitage</i>	CHF	I2	Ø Fräser / Ø de fraises/Ø mill	
				2536.. HSS/TiN	2536HM.. HM
2536SCH112	S				
1	M 6	22.50	70	7.0 - 11.5	10.0 - 11.5
1	M 8	23.20	70	12.0 - 17.5	12.0 - 17.5
1	M 10X20G/1"	26.80	70	18.0 - 21.5	18.0 - 21.5
2	M 12X20G/1"	34.30	85	22.0 - 26.5	22.0 - 26.5
2	M 14X20G/1"	37.70	85	27.0 - 30.5	27.0 - 30.5
2	M 15X20G/1"	41.50	85	31.0 - 35.5	31.0 - 35.5
3	M 15X20G/1"	50.80	100	31.0 - 35.5	31.0 - 35.5
3	M 18X20G/1"	53.90	100	36.0 - 41.5	36.0 - 41.5
3	M 21X14G/1"	64.10	100	42.0 - 49.5	42.0 - 49.5
3	M 25X14G/1"	75.20	100	50.0 - 54.5	50.0 - 54.5
3	M 30	84.40	98	55.0 - 60.5	55.0 - 60.5
4	M21x14G/1"	75.20	122	42.0 - 49.5	42.0 - 49.5
4	M25x14G/1"	84.40	122	50.0 - 54.5	50.0 - 54.5
4	M30	98.40	100	55.0 - 60.5	55.0 - 60.5



Rollenzapfen bestehend aus Kernzapfen, Rolle u. Schraube für Versenkfräser IFANGER *Pivot à galet composé de porte-galet, galet et vis pour tête de fraise IFANGER* Rolling-pilot composed of core pilot, roller and screw for milling head IFANGER

2536VRZ..

Ø-R mm	Gewinde/thread					CHF	L5 mm	Ø Fräser / Ø de fraises/Ø mill	
	<i>filitage</i>							2536.. HSS/TiN	2536HM.. HM
2.536VRZ112									
7.0	7.5	8.0	8.5	9.0					
9.5	10.0	10.5	11.0	11.5	17.00	M 4.5	10	-	15 - 17.5
12.0	12.5	13.0	13.5	14.0					
7.0	7.5	8.0	8.5	9.0					
9.5	10.0	10.5	11.0	11.5	16.50	M 5	10	14.0 - 17.5	18.0 - 21.5
12.0	12.5	13.0	13.5	14.0					
8.0	8.5	9.0	9.5	10.0	16.50				
10.5	11.0	11.5	12.0	12.5	16.50		12	18.0 - 23.5	22.0 - 29.5
13.0	13.5	14.0	14.5		16.50	M 6			
15.0	15.5	16.0	16.5	17.0	20.70				
17.5	18.0				20.70				
9.0	9.5	10.0	10.5	11.0	17.00				
11.5	12.0	12.5	13.0	13.5	17.00				
14.0	14.5				17.00	M 7	13.5	24.0 - 32.5	30.0 - 38.5
15.0	15.5	16.0	16.5	17.0	20.70				
17.5	18.0	18.5	19.0	19.5	20.70				
20.0	20.5	21.0			20.70				
12.0	13.0	14.0			21.60				
15.0	16.0	17.0	18.0	19.0	25.30	M 8	16	33.0 - 44.5	39.0 - 51.5
20.0	21.0	22.0	23.0	24.0	25.30				
25.0	26.0	27.0	28.0	30.0	28.40				
12.0	13.0	14.0			20.90				
15.0	16.0	17.0	18.0	19.0	24.50	M 10	16	45.0 - 60.5	52.0 - 60.5
20.0	21.0	22.0	23.0	24.0	24.50				
25.0	26.0	27.0	28.0	30.0	30.00				

