

FREZENCATALOGUS 2011



GERFA

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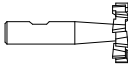
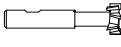
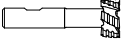
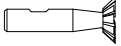
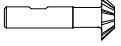
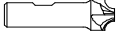





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INHOUDSOPGAVE

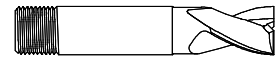
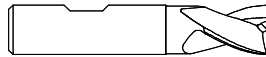
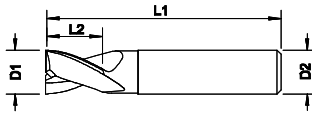
Omschrijving	Coating	DIN	Materiaal	Artikel- groep	Pagina nr.	
Spiebaanfrezen						
- weldon opname	kort	327	HSSE-Co8	016	1	
- weldon opname	kort	TiCN	HSSE-Co8	016..3	1	
- aantrekdraad	kort	327	HSSE-Co8	020	1	
- weldon opname	lang		HSSE-Co8	017	2	
- weldon opname	lang	TiCN	HSSE-Co8	017..3	2	
- aantrekdraad	lang		HSSE-Co8	030	2	
Radiusfrezen						
- weldon opname	kort	327	HSSE-Co8	018	3	
- aantrekdraad	kort	327	HSSE-Co8	026	3	
- weldon opname	lang		HSSE-Co8	019	3	
- aantrekdraad	lang		HSSE-Co8	036	3	
Driesnijders						
- weldon opname	kort	327	HSSE-Co8	059	4	
- weldon opname	kort	TiCN	HSSE-Co8	059..3	4	
- aantrekdraad	kort	327	HSSE-Co8	054	4	
- weldon opname	lang	844	HSSE-Co8	007	4	
- aantrekdraad	lang	844	HSSE-Co8	003	4	
- traptand weldon	lang	844	HSSE-Co8	032	5	
- traptand aantrekdraad	lang	844	HSSE-Co8	005	5	
MINI-FIX						
- weldon opname	kort	fabriek	HSSE-Co8	153	6	
- weldon opname	kort	TiCN	fabriek	HSSE-Co8	153..3	6
- weldon opname	lang	fabriek	HSSE-Co8	154	6	
- weldon opname	lang	TiCN	fabriek	HSSE-Co8	154..3	6
Vingerfrezen						
- weldon opname	kort	844	HSSE-Co8	012	7	
- weldon opname	kort	TiCN	844	HSSE-Co8	012..3	7
- aantrekdraad	kort	844	HSSE-Co8	060	7	
- weldon opname	lang	844	HSSE-Co8	013	8	
- weldon opname	lang	TiCN	844	HSSE-Co8	013..3	8
- aantrekdraad	lang	844	HSSE-Co8	070	8	
Ruwfrezen						
- weldon opname	kort	844	HSSE-Co8	087	9	
- weldon opname	kort	TiCN	844	HSSE-Co8	087..3	9
- aantrekdraad	kort	844	HSSE-Co8	080	9	
- weldon opname	lang	844	HSSE-Co8	152	10	
- aantrekdraad	lang	844	HSSE-Co8	084	10	
Traptandfrezen						
- weldon opname	kort	844	HSSE-Co8	014	12	
- weldon opname	kort	TiCN	844	HSSE-Co8	014..3	12
- aantrekdraad	kort	844	HSSE-Co8	028	12	
- weldon opname	lang	844	HSSE-Co8	015	13	
- aantrekdraad	lang	844	HSSE-Co8	038	13	



INHOUDSOPGAVE

Omschrijving	Coating	DIN	Materiaal	Artikel- groep	Pagina nr.
Ruwfrezen, fijne ruwvertanding (HR)					
- weldon opname	kort	844	HSSE-Co8	090	14
- weldon opname	kort TiCN	844	HSSE-Co8	090..3	14
- weldon opname	kort	844	ASP30	092	14
- weldon opname	kort TiCN	844	ASP30	092..3	14
Schijfspiefrezen					
- weldon opname		850	HSSE-Co5	164	15
- aantrekdraad		850	HSSE-Co5	165	15
T-gleuffrezen					
- weldon opname		851	HSSE-Co5	161..1	16
- aantrekdraad		851	HSSE-Co5	161	16
T-gleuffrezen fijnruw					
- weldon opname		851	HSSE-Co5	162..1	16
- aantrekdraad		851	HSSE-Co5	162	16
Hoekfrezen					
- weldon opname		1833	HSSE-Co5	166..1	17
- aantrekdraad		1833	HSSE-Co5	166	17
- weldon opname		1833	HSSE-Co5	167..1	17
- aantrekdraad		1833	HSSE-Co5	167	17
Kwartholfrezen					
- weldon opname		6518	HSSE-Co5	040..1	18
- aantrekdraad		6518	HSSE-Co5	040	18
Mantelkopfrezen					
- gladde vertanding		1880	HSSE-Co5	106	19
- traptand		1880	HSSE-Co5	141	19
- gladde vertanding		1880	HSSE-Co8	135	19
- gladde vertanding		1880	HSSE-Co8	135..3	19
- traptand		1880	HSSE-Co8	136	19
- ruwvertanding		1880	HSSE-Co5	140	19
- ruwvertanding		1880	HSSE-Co5	140..3	19
Schijffrezen					
- type N		885A	HSSE-Co5	146	20
- type H		885A	HSSE-Co5	147	20
Plaatboor					
			HSSE-Co8	398	22
Plaatboorhouder					
				399	22

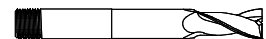
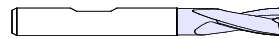
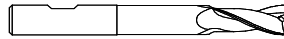
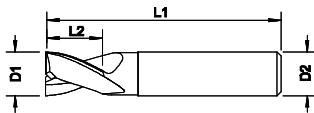




Spiebaanfrezen kort DIN 327, HSSE-Co8

afmeting					SPI-FIX-Co8		SPI-FIX-Co8		SPID-Co8 **	
					weldon		TiCN Weldon		aantrekdraad	
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€	art.nr.	€
1,0	6	47	2	2	0160108	20,59				
1,5	6	47	3	2	0160158	14,93	01601583	18,67	0200158	14,93
2,0	6	48	4	2	0160208	13,12	01602083	16,40	0200208	13,12
2,5	6	49	5	2	0160258	13,73	01602583	17,16	0200258	13,73
3,0	6	49	5	2	0160308	13,12	01603083	16,40	0200308	13,12
3,5	6	50	6	2	0160358	13,73	01603583	17,16	0200358	13,73
4,0	6	51	7	2	0160408	13,12	01604083	16,40	0200408	13,12
4,5	6	51	7	2	0160458	13,73	01604583	17,16	0200458	13,73
5,0	6	52	8	2	0160508	13,12	01605083	16,40	0200508	13,12
5,5	6	52	8	2	0160558	13,73	01605583	17,16	0200558	13,73
6,0	6	52	8	2	0160608	13,12	01606083	16,40	0200608	13,12
6,5	10	60	10	2	01606581	19,91	01606583	24,89	0200658	19,91
7,0	10	60	10	2	01607081	20,58	01607183	25,72	0200708	20,58
7,5	10	60	10	2	01607581	25,31			0200758	25,31
8,0	8	55	11	2	0160808	16,35				
8,0	10	61	11	2	01608081	16,35	01608083	20,44	0200808	16,35
8,5	10	61	11	2	0160858	28,21			0200858	28,21
9,0	10	61	11	2	0160908	19,40	01609083	24,24	0200908	19,40
9,5	10	61	11	2	0160958	27,70			0200958	27,70
10,0	10	63	13	2	0161008	16,71	01610083	20,89	0201008	16,71
11,0	12	70	13	2	0161108	21,66	01611083	27,08	0201108	21,66
12,0	12	73	16	2	0161208	19,70	01612083	24,62	0201208	19,70
13,0	12	73	16	2	0161308	29,57			0201308	29,57
14,0	12	73	16	2	0161408	26,33	01614083	32,92	0201408	26,33
15,0	12	73	16	2	0161508	32,13			0201508	32,13
16,0	16	79	19	2	0161608	29,00	01616083	36,25	0201608	29,00
17,0	16	79	19	2	0161708	43,50			0201708	43,50
18,0	16	79	19	2	0161808	32,41	01618083	40,51	0201808	32,41
19,0	16	79	19	2	0161908	53,74			0201908	53,74
20,0	20	88	22	2	0162008	39,52	01620083	49,39	02020081	39,52
22,0	20	88	22	2	0162208	62,54			02022081	62,54
24,0	25	102	26	2	0162408	71,08			0202408	71,08
25,0	25	102	26	2	0162508	67,67	01625083	84,59	0202508	67,67
26,0	25	102	26	2	0162608	100,07			0202608	100,07
28,0	25	102	26	2	0162808	86,43	01628083	108,03	0202808	86,43
30,0	25	102	26	2	0163008	106,32	01630083	132,91	0203008	106,32
32,0	32	112	32	2	0163208	102,92	01632083	128,64	02032081	102,92
34,0	32	112	32	2	0163408	108,61			0203408	108,61
35,0	32	112	32	2	0163508	112,02				
36,0	32	112	32	2	0163608	123,39	01636083	154,24	0203608	123,39
38,0	32	118	38	2	0163808	131,91	01638083	164,89		
40,0	32	118	38	2	0164008	162,46	01640083	203,08	0204008	162,46

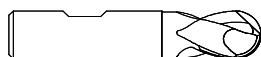
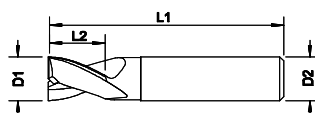
** leverbaar zolang de voorraad strekt



Spiebaanfrezen lang, HSSE-Co8

afmeting					SPI-L-FIX-Co8		SPI-L-FIX-Co8		SPID-L-Co8 **	
					weldon		TiCN Weldon		aantrekdraad	
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€	art.nr.	€
2,0	6	54	7	2	0170208	17,97	01702083	22,47		
2,5	6	56	8	2	0170258	19,33	01702583	24,17	0300258	19,33
3,0	6	56	8	2	0170308	17,97	01703083	22,47	0300308	17,97
3,5	6	59	10	2	0170358	19,33	01703583	24,17	0300358	19,33
4,0	6	63	11	2	0170408	17,97	01704083	22,47	0300408	17,97
4,5	6	63	11	2	0170458	19,33	01704583	24,17	0300458	19,33
5,0	6	68	13	2	0170508	17,97	01705083	22,47	0300508	17,97
5,5	6	68	13	2	0170558	19,33	01705583	24,17	0300558	19,33
6,0	6	68	13	2	0170608	17,97	01706083	22,47	0300608	17,97
6,5	10	80	16	2	0170658	25,71	01706583	32,14	0300658	25,71
7,0	10	80	16	2	0170708	25,71	01707083	32,14	0300708	25,71
7,5	10	80	16	2	0170758	31,84	01707583	39,80	0300758	31,84
8,0	10	88	19	2	0170808	22,06	01708083	27,58	0300808	22,06
8,5	10	88	19	2	0170858	32,13	01708583	40,16	0300858	32,13
9,0	10	88	19	2	0170908	34,13	01709083	42,66	0300908	34,13
**9,5	10	88	19	2	0170958	34,13	01709583	42,66		
10,0	10	95	22	2	0171008	23,94	01710083	29,93	0301008	23,94
12,0	12	110	26	2	0171208	28,15	01712083	35,19	0301208	28,15
14,0	12	110	26	2	0171408	33,66	01714083	42,07	0301408	33,66
**15,0	12	110	26	2	0171508	40,37			0301508	40,37
16,0	16	123	32	2	0171608	37,53	01716083	46,92	0301608	37,53
18,0	16	123	32	2	0171808	49,20	01718083	61,50	0301808	49,20
**19,0	16	123	32	2	0171908	67,69			0301908	67,69
20,0	20	141	38	2	0172008	51,18	01720083	63,98	03020081	51,18
22,0	20	141	38	2	0172208	67,10	01722083	83,88	03022081	67,10
24,0	25	166	45	2	0172408	79,04	01724083	98,79	0302408	79,04
25,0	25	166	45	2	0172508	91,95	01725083	114,94	0302508	91,95
**26,0	25	166	45	2	0172608	98,50	01726083	123,13		
28,0	25	166	45	2	0172808	115,83	01728083	144,79		
**30,0	25	166	45	2	0173008	121,79	01730083	152,24		
32,0	32	186	53	2	0173208	136,74	01732083	170,92		
36,0	32	186	53	2	0173608	178,54	01736083	223,18	0303608	178,54
**40,0	32	196	63	2					0304008	228,52

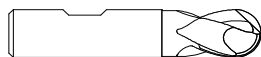
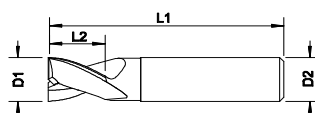
** leverbaar zolang de voorraad strekt



Radiusfrezen kort DIN 327, HSSE-Co8

afmeting					RA-FIX-Co8		RAD-Co8 **			
					weldon		aantrekdraad			
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
2,0	6	48	4	2	0180208	28,20	0260208	28,20		
3,0	6	49	5	2	0180308	28,20	0260308	28,20		
4,0	6	51	7	2	0180408	26,67	0260408	26,67		
5,0	6	52	8	2	0180508	26,67	0260508	26,67		
6,0	6	52	8	2	0180608	24,52	0260608	24,52		
7,0	10	60	10	2	0180708	49,19	0260708	49,19		
8,0	10	61	11	2	0180808	33,26	0260808	33,26		
9,0	10	61	11	2	0180908	38,10	0260908	38,10		
10,0	10	63	13	2	0181008	33,84	0261008	33,84		
12,0	12	73	16	2	0181208	40,08	0261208	40,08		
13,0	12	73	16	2	0181308	64,25	0261308	64,25		
14,0	12	73	16	2	0181408	50,61	0261408	50,61		
15,0	12	73	16	2	0181508	64,25	0261508	64,25		
16,0	16	79	19	2	0181608	51,18	0261608	51,18		
18,0	16	79	19	2	0181808	76,76	0261808	76,76		
20,0	16	82	22	2			0262008	76,76		
20,0	20	88	22	2	0182008	76,76				
22,0	20	88	22	2	0182208	95,53				
25,0	25	102	26	2	0182508	102,35				

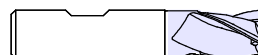
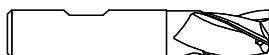
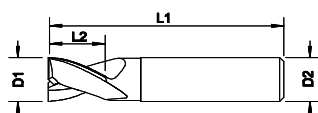
** leverbaar zolang de voorraad strekt



Radiusfrezen lang, HSSE-Co8

afmeting					RA-L-FIX-Co8		RAD-L-Co8 **			
					weldon		aantrekdraad			
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
3,0	6	56	8	2	0190308	44,64				
4,0	6	63	11	2	0190408	44,64	0360408	44,64		
5,0	6	68	13	2	0190508	46,06				
6,0	6	68	13	2	0190608	35,82	0360608	35,82		
8,0	10	88	19	2	0190808	42,37				
10,0	10	95	22	2	0191008	42,37				
12,0	12	110	26	2	0191208	55,44				
14,0	12	110	26	2	0191408	97,23				
16,0	16	123	32	2	0191608	97,23				
18,0	16	123	32	2	0191808	109,74				
20,0	20	141	38	2	0192008	109,74				

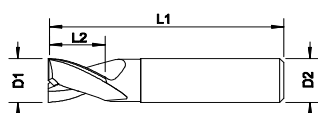
** leverbaar zolang de voorraad strekt



Driesnijders kort DIN 327, HSSE-Co8

afmeting					DRIP-FIX-Co8 weldon		DRIP-FIX-Co8 TiCN Weldon		DRID-Co8** aantrekdraad	
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€	art.nr.	€
3,0	6	49	5	3	0590308	14,08	05903083	17,60	0540308	14,08
4,0	6	51	7	3	0590408	13,00	05904083	16,26		
5,0	6	52	8	3	0590508	13,00	05905083	16,26		
6,0	6	52	8	3	0590608	13,00	05906083	16,26		
7,0	10	60	10	3	0590708	17,35	05907083	21,69		
8,0	10	61	11	3	0590808	17,35	05908083	21,69		
10,0	10	63	13	3	0591008	17,35	05910083	21,69	0541008	17,35
12,0	12	73	16	3	0591208	22,74	05912083	28,43	0541208	22,74
14,0	12	73	16	3	0591408	36,39	05914083	45,49		
16,0	16	79	19	3	0591608	42,37	05916083	52,96	0541608	42,37
18,0	16	79	19	3	0591808	50,90	05918083	63,63		
20,0	20	88	22	3	0592008	55,15	05920083	68,94		
22,0	20	88	22	3	0592208	77,90	05922083	97,37		
22,0	25	98	22	3		0,00			0542208	77,90
25,0	25	102	26	3	0592508	102,92	05925083	128,65		
**28,0	25	102	26	3	0592808	146,70	05928083	183,37	0542808	146,70

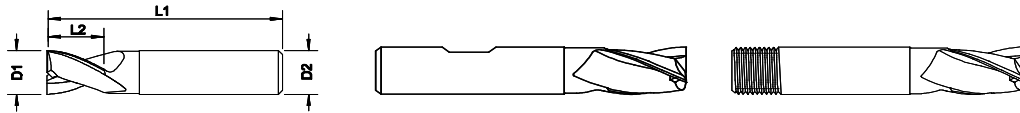
** leverbaar zolang de voorraad strekt



Driesnijders lang DIN 844, HSSE-Co8

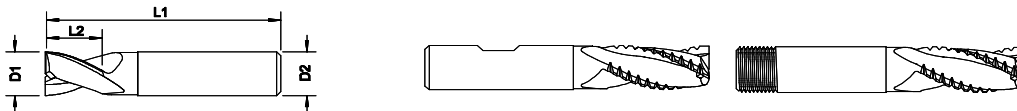
afmeting					DRIP-L-FIX-Co8 weldon		DRID-L-Co8 ** aantrekdraad			
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
4,0	6	55	11	3	0070408	17,87				
5,0	6	57	13	3	0070508	17,87	0030508	17,87		
6,0	6	57	13	3	0070608	16,67	0030608	16,67		
7,0	10	66	16	3	0070708	22,58	0030708	22,58		
8,0	10	69	19	3	0070808	18,82				
10,0	10	72	22	3	0071008	20,92				
12,0	12	83	26	3	0071208	24,37	0031208	24,37		
14,0	12	83	26	3	0071408	37,37				
16,0	16	92	32	3	0071608	42,24				
18,0	16	92	32	3	0071808	51,45				

** leverbaar zolang de voorraad strekt

**Driesnijders lang DIN 844, HSSE-Co8**

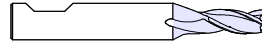
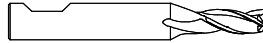
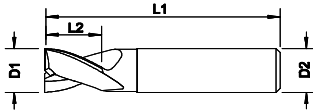
afmeting					DRIP-L-FIX-Co8		DRID-L-Co8 **			
					weldon		aantrekdraad			
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
20,0	16	98	38	3						
20,0	20	104	38	3	0072008	60,11				
22,0	20	104	38	3	0072208	97,23				
22,0	25	114	38	3			0032208	104,62		
25,0	25	121	45	3	0072508	130,22				
28,0	25	121	45	3	0072808	178,54				
30,0	25	121	45	3	0073008	210,95				
32,0	32	133	53	3						

** leverbaar zolang de voorraad strekt

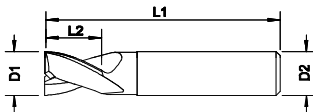
**Driesnijders lang DIN 844, HSSE-Co8**

afmeting					DRIP-L-TRA-FIX-Co8		DRID-L-TRA-Co8 **			
					weldon **		aantrekdraad			
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
4,0	6	55	11	3	0320408	32,50				
5,0	6	57	13	3	0320508	32,50	0050508	32,50		
6,0	6	57	13	3	0320608	32,50				
7,0	10	66	16	3	0320708	35,83				
8,0	10	69	19	3	0320808	29,57				
10,0	10	72	22	3						
12,0	12	83	26	3	0321208	37,26	0051208	37,26		
14,0	12	83	26	3	0321408	56,29				
16,0	16	92	32	3	0321608	59,13	0051608	59,13		
18,0	16	92	32	3	0321808	59,58				
20,0	16	98	38	3						
20,0	20	104	38	3	0322008	71,64				
22,0	20	104	38	3	0322208	122,82				
22,0	25	114	38	3						
25,0	25	121	45	3						
28,0	25	121	45	3	0322808	203,39				
30,0	25	121	45	3						
32,0	32	133	53	3						

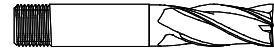
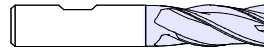
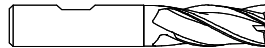
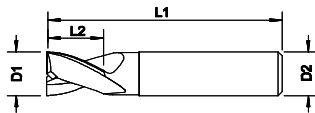
** leverbaar zolang de voorraad strekt

**Driesnijders, MINI-FREZEN, HSSE-Co8**

afmeting					MINI-FIX-Co8		MINI-FIX-Co8			
					weldon		TiCN Weldon			
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
1,5	6	34	3	3	1530158	9,95	15301583	12,44		
1,8	6	34	3	3	1530188	10,23				
2,0	6	35	4	3	1530208	9,95	15302083	12,44		
2,5	6	36	5	3	1530258	9,95	15302583	12,44		
2,8	6	36	5	3	1530288	10,23				
3,0	6	36	5	3	1530308	9,95	15303083	12,44		
3,5	6	37	6	3	1530358	9,95	15303583	12,44		
3,8	6	38	7	3	1530388	10,23				
4,0	6	38	7	3	1530408	9,95	15304083	12,44		
4,5	6	38	7	3	1530458	9,95	15304583	12,44		
4,8	6	39	8	3	1530488	10,23				
5,0	6	39	8	3	1530508	9,95	15305083	12,44		
5,5	6	39	8	3	1530558	9,95	15305583	12,44		
5,75	6	39	8	3	1530578	10,23				
6,0	6	39	8	3	1530608	9,95	15306083	12,44		

**Driesnijders, MINI-FREZEN, LANG, HSSE-Co8**

afmeting					MINI-L-FIX-Co8		MINI-L-FIX-Co8			
					weldon		TiCN Weldon			
D1 e8	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
2,0	6	38	7	3	1540208	10,52	15402083	13,15		
2,5	6	39	8	3	1540258	10,52	15402583	13,15		
3,0	6	39	8	3	1540308	10,52	15403083	13,15		
3,5	6	41	10	3	1540358	10,52	15403583	13,15		
4,0	6	42	11	3	1540408	10,52	15404083	13,15		
4,5	6	42	11	3	1540458	10,52	15404583	13,15		
5,0	6	44	13	3	1540508	10,52	15405083	13,15		
5,5	6	44	13	3	1540558	10,52	15405583	13,15		
6,0	6	44	13	3	1540608	10,52	15406083	13,15		

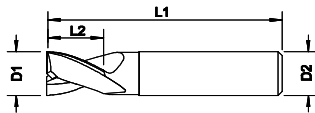


Vingerfrezen DIN 844 kort, HSSE-Co8

afmeting					VIP-FIX-Co8 weldon		VIP-FIX-Co8 TiCN Weldon		VID-Co8 ** aantrekdraad	
D1 k12	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€	art.nr.	€
2,5	6	52	8	4	0120258	20,30	01202583	25,38		
3,0	6	52	8	4	0120308	15,16	01203083	18,95	0600308	15,16
4,0	6	55	11	4	0120408	15,16	01204083	18,95	0600408	15,16
5,0	6	57	13	4	0120508	15,16	01205083	18,95	0600508	15,16
6,0	6	57	13	4	0120608	15,16	01206083	18,95	0600608	15,16
7,0	10	66	16	4	0120708	18,31	01207083	22,89	0600708	18,31
8,0	8	63	19	4	0120808	17,80	01208083	22,25		
8,0	10	69	19	4	01208081	17,80	01208183	22,25	0600808	17,80
9,0	10	69	19	4	0120908	20,59	01209083	25,74	0600908	20,59
10,0	10	72	22	4	0121008	16,83	01210083	21,04	0601008	16,83
11,0	12	79	22	4	0121108	31,56	01211083	39,45	0601108	31,56
12,0	12	83	26	4	0121208	22,39	01212083	27,99	0601208	22,39
13,0	12	83	26	4	0121308	32,13	01213083	40,16	0601308	32,13
14,0	12	83	26	4	0121408	28,64	01214083	35,80	0601408	28,64
15,0	12	83	26	4	0121508	34,40	01215083	43,00	0601508	34,40
16,0	16	92	32	4	0121608	30,60	01216083	38,26	0601608	30,60
18,0	16	92	32	4	0121808	36,41	01218083	45,51	0601808	36,41
20,0	20	104	38	4	0122008	41,54	01220083	51,92	06020081	41,54
22,0	20	104	38	4	0122208	50,15	01222083	62,68	06022081	50,15
22,0	25	114	38	4					0602208	45,39
24,0	25	121	45	4	0122408	64,44	01224083	80,55	0602408	64,44
25,0	25	121	45	4	0122508	64,44	01225083	80,55	0602508	64,44
26,0	25	121	45	6	0122608	100,07	01226083	125,09	0602608	100,07
28,0	25	121	45	6	0122808	86,43	01228083	108,03	0602808	86,43
30,0	25	121	45	6	0123008	106,33	01230083	132,91	0603008	106,33
**32,0	25	129	45	6					0603208	101,43
32,0	32	133	53	6	0123208	101,44	01232083	126,80	06032081	101,44
**34,0	32	133	53	6					0603408	121,84
**35,0	32	133	53	6					0603508	140,80
36,0	32	133	53	6	0123608	128,88	01236083	161,10	0603608	131,44
**38,0	32	143	63	6					0603808	146,22
40,0	32	143	63	6	0124008	152,75	01240083	190,94	0604008	178,70

** leverbaar zolang de voorraad strekt

t/m 12 mm centrumsnijdend
 boven 12 mm niet centrumsnijdend,
 centrumsnijdend > 12 op aanvraag

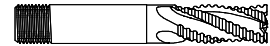
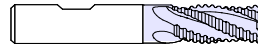
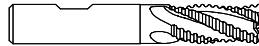
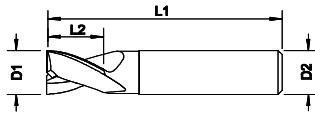


Vingerfrezen DIN 844 lang, HSSE-Co8

afmeting					VIP-L-FIX-Co8 weldon		VIP-L-FIX-Co8 TiCN Weldon		VID-L-Co8 ** aantrekdraad	
D1 k12	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€	art.nr.	€
3,0	6	56	12	4	0130308	17,06	01303083	21,32	0700308	17,06
4,0	6	63	19	4	0130408	17,06	01304083	21,32	0700408	17,06
5,0	6	68	24	4	0130508	17,06	01305083	21,32	0700508	17,06
6,0	6	68	24	4	0130608	17,06	01306083	21,32	0700608	17,06
7,0	10	80	30	4	0130708	27,19	01307083	33,98	0700708	27,19
8,0	10	88	38	4	0130808	23,83	01308083	29,79	0700808	23,83
9,0	10	88	38	4	0130908	28,48	01309083	35,61	0700908	28,48
10,0	10	95	45	4	0131008	21,99	01310083	27,48	0701008	21,99
11,0	12	102	45	4	0131108	44,92	01311083	56,15	0701108	44,92
12,0	12	110	53	4	0131208	27,35	01312083	34,18	0701208	27,35
14,0	12	110	53	4	0131408	30,99	01314083	38,74	0701408	30,99
16,0	16	123	63	4	0131608	39,38	01316083	49,23	0701608	39,38
18,0	16	123	63	4	0131808	45,39	01318083	56,73	0701808	45,39
20,0	16	135	75	4					0702008	56,09
20,0	20	141	75	4	0132008	56,09	01320083	70,11	07020081	56,09
22,0	20	141	75	4	0132208	70,41	01322083	88,01	07022081	70,41
**22,0	25	151	75	4					0702208	70,41
24,0	25	166	90	4	0132408	89,50	01324083	111,88	0702408	89,50
25,0	25	166	90	4	0132508	84,73	01325083	105,91	0702508	84,73
**26,0	25	166	90	6	0132608	135,38	01326083	169,23	0702608	135,38
**28,0	25	166	90	6	0132808	114,56	01328083	143,20		
**30,0	25	166	90	6	0133008	131,27	01330083	164,09		
**32,0	32	186	106	6	0133208	137,24	01332083	171,55		
**36,0	32	186	106	6	0133608	180,20	01336083	225,25		

** leverbaar zolang de voorraad strekt

t/m 12 mm centrumsnijdend
 boven 12 mm niet centrumsnijdend,
 centrumsnijdend > 12 op aanvraag

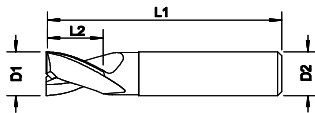


Vingerfrezen ruw DIN 844 kort, HSSE-Co8

afmeting					VIP-R-FIX-Co8 weldo		VIP-R-FIX-Co8 TiCN Weldo		VID-R-Co8 ** aantrekdraad	
D1 js14	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€	art.nr.	€
6,0	6	57	13	4	0870608	28,70	08706083	35,88	0800608	28,70
7,0	10	66	16	4	0870708	35,21	08707083	44,01	0800708	35,21
8,0	10	69	19	4	0870808	35,21	08708083	44,01	0800808	35,21
9,0	10	69	19	4	0870908	38,45	08709083	48,06	0800908	38,45
10,0	10	72	22	4	0871008	36,82	08710083	46,03	0801008	36,82
11,0	12	72	22	4	0871108	42,78	08711083	53,48	0801108	42,78
12,0	12	83	26	4	0871208	38,99	08712083	48,74	0801208	38,99
13,0	12	83	26	4	0871308	44,95	08713083	56,18	0801308	44,95
14,0	12	83	26	4	0871408	38,99	08714083	48,74	0801408	38,99
15,0	12	83	26	4	0871508	57,58	08715083	71,97	0801508	57,58
16,0	16	92	32	4	0871608	39,52	08716083	49,40	0801608	39,52
18,0	16	92	32	4	0871808	46,34	08718083	57,93	0801808	46,34
20,0	16	98	38	4					0802008	48,91
20,0	20	104	38	4	0872008	48,91	08720083	61,14	08020081	48,91
22,0	20	104	38	5	0872208	88,70	08722083	110,88	08022081	88,70
22,0	25	114	38	5					0802208	94,10
25,0	25	121	45	5	0872508	88,70	08725083	110,88	0802508	88,70
28,0	25	121	45	6	0872808	98,37	08728083	122,96	0802808	98,37
30,0	25	121	45	6	0873008	104,62	08730083	130,78	0803008	104,62
32,0	32	133	53	6	0873208	122,82	08732083	153,53	0803208	122,82
36,0	32	133	53	6	0873608	154,66	08736083	193,33	0803608	154,66
40,0	32	143	63	6	0874008	174,57	08740083	218,22	0804008	174,57
45,0	32	143	63	6					0804508	207,80
50,0	32	155	75	8					0805008	
50,0	50	177	75	8	0875008		08750083			

** leverbaar zolang de voorraad strekt

t/m 20 mm centrumsnijdend
 boven 20 mm niet centrumsnijdend,
 centrumsnijdend > 20 op aanvraag



Vingerfrezen ruw DIN 844 lang, HSSE-Co8

afmeting					VIP-L-R-FIX-Co8 weldon		VID-L-R-Co8 ** aantrekdraad			
D1 js14	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
6,0	6	68	24	4	1520608	37,91	0840608	37,91		
8,0	10	88	38	4	1520808	44,41	0840808	44,41		
10,0	10	95	45	4	1521008	44,41	0841008	44,41		
12,0	12	110	53	4	1521208	54,15	0841208	54,15		
14,0	12	110	53	4	1521408	55,15	0841408	55,15		
16,0	16	123	63	4	1521608	56,29	0841608	56,29		
18,0	16	123	63	4	1521808	69,37	0841808	69,37		
20,0	16	135	75	4			0842008	77,33		
20,0	20	141	75	4	1522008	77,33	08420081	77,33		
22,0	20	141	75	5	1522208	113,72	08422081	113,72		
22,0	25	151	75	5			0842208	117,13		
25,0	25	166	90	5	1522508	125,09	0842508	125,09		
28,0	25	166	90	6	1522808	168,31	0842808	168,31		
30,0	25	166	90	6	1523008	203,57	0843008	203,57		
32,0	32	186	106	6	1523208	223,46	0843208	223,46		
36,0	32	186	106	6	1523608	258,15	0843608	258,15		
40,0	32	205	125	6			0844008	285,44		
40,0	40	217	125	6	1524008	285,44				
45,0	32	205	125	6			0844508	357,84		
45,0	40	217	125	6	1524508	347,42				
50,0	32	230	150	8			0845008	424,18		
50,0	50	252	150	8	1525008	424,18				

** leverbaar zolang de voorraad strekt

t/m 20 mm centrumsnijdend
 boven 20 mm niet centrumsnijdend,
 centrumsnijdend > 20 op aanvraag

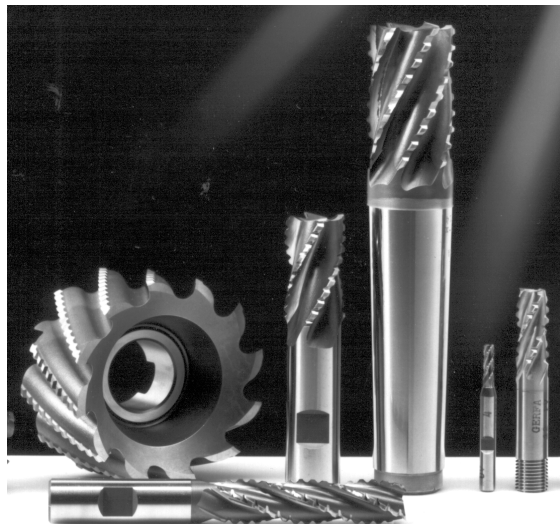
TRAPTANDFREZEN, EEN UNIEK GERFA PRODUKT

Traptand uniek door:

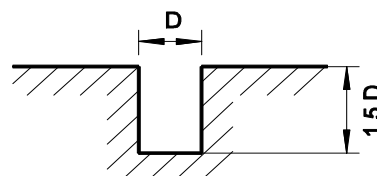
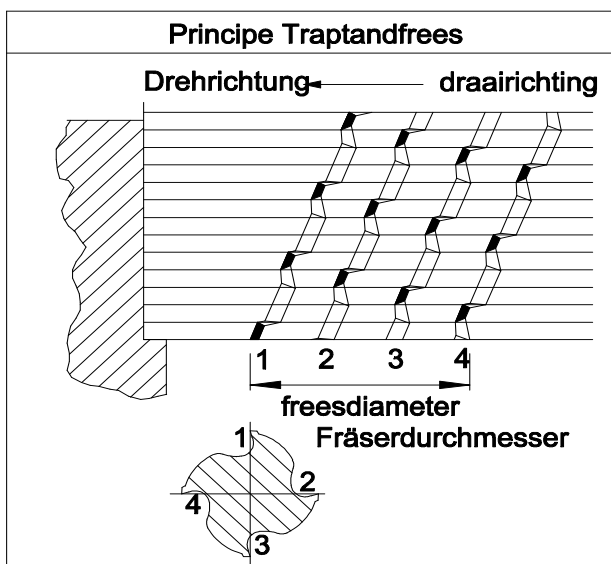
- o alzijdig vrijgeslepen snijkanten
- o geringe overlapping van traptandjes
- o nabewerking dikwijls overbodig
- o besparing van 80% of meer mogelijk
- o eenvoudig en beheerst na te slijpen, dus lage slijpkosten
- o standaardassortiment, overige maten eenvoudig te slijpen

Kenmerken van GERFA traptandfrezen:

- o goedkoper dan ruw- en ruwfijnfrezen
- o CNC geslepen
- o betere spaanafvoer
- o grote vormnauwkeurigheid
- o uitstekende slijpfinish
- o exacte verdeling
- o optimale geometrie
- o konstante kwaliteit
- o voorradig in 8% cobalt kwaliteit



Een voorbeeld uit de praktijk



Materiaal: X210Cr12
W.st.nr. 1.2080

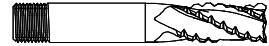
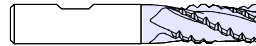
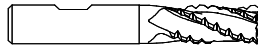
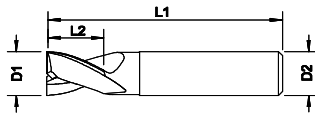
Vingerfrees \varnothing 10

V=16 m/min
n= 509 omw./min
S=10 mm/min
Sz= 0,005 mm per tand
grote freesdruk
breukgevaar!!
Verspaning: 1,5 cm³/min

Traptandfrees \varnothing 10

V=16 m/min
n= 509 omw./min
S=18 mm/min
Sz= 0,036 mm per tand
geen freesdruk
goede verspaning
Verspaning: 2,7 cm³/min

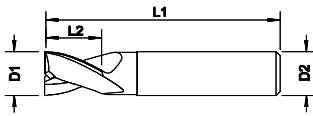
Verspaning 80% sneller!!



Vingerfrezen traptand DIN 844 kort, HSSE-Co8

afmeting					TRA-FIX-Co8 weldo		TRA-FIX-Co8 TiCN Weldo		TRAD-Co8 ** aantrekdraad	
D1 js14	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€	art.nr.	€
4,0	6	55	11	4	0140408	25,84	01404083	32,30	0280408	25,84
5,0	6	57	13	4	0140508	25,84	01405083	32,30	0280508	25,84
6,0	6	57	13	4	0140608	25,84	01406083	32,30	0280608	25,84
7,0	10	66	16	4	0140708	31,69	01407083	39,61	0280708	31,69
8,0	10	69	19	4	01408081	31,69	01408083	39,61	0280808	31,69
9,0	10	69	19	4	0140908	34,60	01409083	43,25	0280908	34,60
10,0	10	72	22	4	0141008	33,14	01410083	41,43	0281008	33,14
12,0	12	83	26	4	0141208	35,09	01412083	43,86	0281208	35,09
14,0	12	83	26	4	0141408	35,09	01414083	43,86	0281408	35,09
16,0	16	92	32	4	0141608	37,37	01416083	46,71	0281608	37,37
18,0	16	92	32	4	0141808	41,81	01418083	52,26	0281808	41,81
20,0	20	104	38	4	0142008	47,65	01420083	59,57	02820081	47,65
22,0	20	104	38	4	0142208	79,06	01422083	98,83	02822081	79,06
22,0	25	114	38	4					0282208	79,06
24,0	25	121	45	4	0142408	79,06			0282408	79,06
25,0	25	121	45	4	0142508	79,06	01425083	98,83	0282508	79,06
26,0	25	121	45	6	0142608	108,31			0282608	108,31
28,0	25	121	45	6	0142808	88,28	01428083	110,35	0282808	88,28
30,0	25	121	45	6	0143008	113,72	01430083	142,15	0283008	113,72
32,0	25	129	53	6					0283208	122,82
32,0	32	133	53	6	0143208	122,82	01432083	153,53		

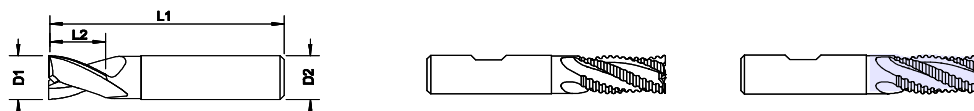
** leverbaar zolang de voorraad strekt



Vingerfrezen traptand DIN 844 lang, HSSE-Co8

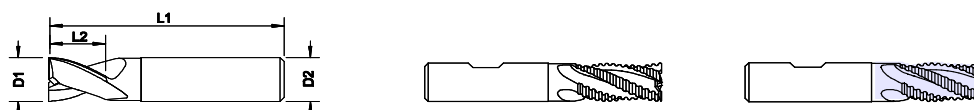
afmeting					TRA-L-FIX-Co8 weldo		TRAD-L-Co8 ** aantrekdraad			
D1 js14	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
4,0	6	63	19	4	0150408	34,13	0380408	34,13		
5,0	6	68	24	4	0150508	34,13	0380508	34,13		
6,0	6	68	24	4	0150608	34,13	0380608	34,13		
7,0	10	80	30	4	0150708	42,24	0380708	42,24		
8,0	10	88	38	4	0150808	39,96	0380808	39,96		
9,0	10	88	38	4	0150908	45,49	0380908	45,49		
10,0	10	95	45	4	0151008	39,96	0381008	39,96		
12,0	12	110	53	4	0151208	48,74	0381208	48,74		
14,0	12	110	53	4	0151408	51,45	0381408	51,45		
16,0	16	123	63	4	0151608	53,07	0381608	53,07		
18,0	16	123	63	4	0151808	62,55	0381808	62,55		
**20,0	16	135	75	4			0382008	69,59		
20,0	20	141	75	4	0152008	69,59	03820081	69,59		
22,0	20	141	75	4	0152208	81,88	0382208	81,88		
22,0	25	151	75	4			03822081	81,88		
25,0	25	166	90	4	0152508	112,26	0382508	112,26		
28,0	25	166	90	6	0152808	132,13	0382808	132,13		
30,0	25	166	90	6	0153008	140,80	0383008	140,80		
32,0	32	186	106	6	0153208	186,83	03832081	186,83		

** leverbaar zolang de voorraad strekt



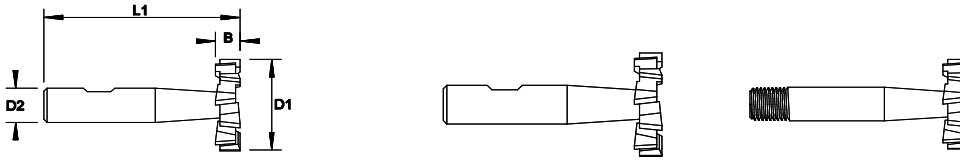
Vingerfrezen DIN 844 ruw, fijne vertanding, HSSE-Co8

afmeting					VIP-HR-G-FIX-Co8		VIP-HR-G-FIX-Co8			
					weldon		TiCN Weldon			
D1 js14	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
10,0	10	72	22	4	0901008	30,70	09010083	38,38		
12,0	12	83	26	4	0901208	35,82	09012083	44,78		
14,0	12	83	26	4	0901408	40,94	09014083	51,17		
16,0	16	92	32	4	0901608	46,63	09016083	58,28		
18,0	16	92	32	4	0901808	52,88	09018083	66,10		
20,0	20	104	38	4	0902008	56,29	09020083	70,36		
25,0	25	121	45	5	0902508	105,76	09025083	132,20		
30,0	25	121	45	6	0903008	133,62	09030083	167,03		
32,0	32	133	53	6	0903208	146,13	09032083	182,66		
40,0	32	143	63	6	0904008	202,42	09040083	253,03		




Vingerfrezen DIN 844 ruw, fijne vertanding, ASP30

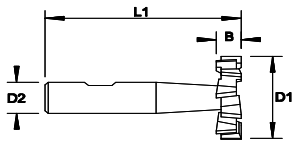
afmeting					VIP-HR-G-FIX-ASP30		VIP-HR-G-FIX-ASP30			
					weldon		TiCN Weldon			
D1 js14	D2 h6	L1	L2	z	art.nr.	€	art.nr.	€		
10,0	10	72	22	4	0921008	47,11	09210083	58,89		
12,0	12	83	26	4	0921208	53,07	09212083	66,34		
14,0	12	83	26	4	0921408	57,40	09214083	71,75		
16,0	16	92	32	4	0921608	66,61	09216083	83,26		
18,0	16	92	32	4	0921808	74,19	09218083	92,74		
20,0	20	104	38	4	0922008	87,19	09220083	108,98		
25,0	25	121	45	4	0922508	131,59	09225083	164,49		
30,0	25	121	45	6	0923008	159,75	09230083	199,69		
32,0	32	133	53	6	0923208	194,41	09232083	243,01		



Schijfspiefrezen DIN 850 HSSE-Co5

 afmeting					SSP-FIX		SSD **			
					weldon		aantrekdraad			
D1 h12	D2 h6	B e8	L1	z	art.nr.	€	art.nr.	€		
10,5	6	2	50	8	1641020	47,18	1651020	47,18		
10,5	6	2,5	50	8	1641025	47,18	1651025	47,18		
10,5	6	3	50	8	1641030	47,18	1651030	47,18		
13,5	10	3,0	56	8	1641330	56,86	1651330	56,86		
13,5	10	4	56	8	1641350	76,76	1651340	76,76		
16,5	10	3,0	56	8	1641630	79,04	1651630	79,04		
16,5	10	4	56	8	1641610	79,04	1651640	79,04		
16,5	10	5,0	56	8	1641605	79,04	1651650	79,04		
19,5	10	4	56	10	1641950	90,41				
19,5	10	4,0	63	10			1651940	90,41		
19,5	10	5	63	10	1641910	90,41	1651950	90,41		
19,5	10	6,0	63	10	1641906	90,41	1651960	90,41		
22,5	10	5	63	10	1642250	102,35	1652250	102,35		
22,5	10	6,0	63	10	1642210	102,35	1652260	102,35		
22,5	10	8	63	10	1642208	102,35	1652280	102,35		
25,5	10	6,0	63	10	1642560	136,46	1652560	136,46		
28,5	10	6	63	10	1642850	153,52	1652860	153,52		
28,5	10	8,0	63	10	1642810	153,52	1652880	153,52		
28,5	12	10	71	10	1642812	153,52	1652810	153,52		
32,5	12	8,0	71	12	1643250	173,42	1653280	173,42		
32,5	12	10	71	12	1643212	173,42	1653210	173,42		
45,5	12	10	71	14	1644550	247,34	1654510	247,34		

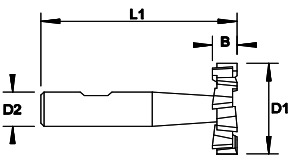
** leverbaar zolang de voorraad strekt



T-gleuffrezen, DIN 851 HSSE-Co5

afmeting					TG-FIX		TG-D **			
					weldon		aantrekdraad			
D1 d11	D2 h6	B d11	L1	z	art.nr.	€	art.nr.	€		
16,0	10	8	62	6	1611601	77,02	1611600	77,02		
18,0	12	8	70	6	1611801	102,69	1611800	102,69		
19,0	12	9	70	6	1611901	109,85	1611900	109,85		
21,0	12	9	74	8	1612101	111,05	1612100	111,05		
22,0	12	10	74	8	1612201	126,57	1612200	126,57		
25,0	16	11	82	8	1612501	153,44	1612500	153,44		
28,0	16	12	85	8	1612801	189,26	1612800	189,26		
32,0	16	14	90	8	1613201	185,08	1613200	185,08		
36,0	25	16	103	8	1613601	253,14	1613600	253,14		
40,0	25	18	108	8	1614001	331,95	1614000	331,95		
45,0	25	20	113	10	1614501	365,98	1614500	365,98		

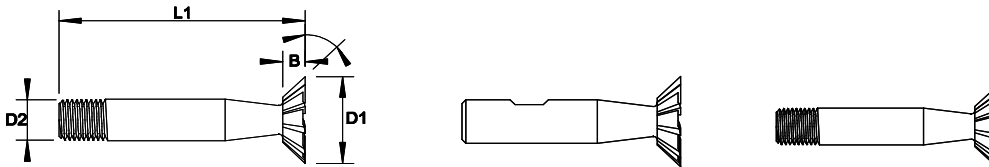
** leverbaar zolang de voorraad strekt



T-gleuffrezen, DIN 851, fijnruw HSSE-Co5

afmeting					TG-FIX-FR		TG-D-FR **			
					weldon		aantrekdraad			
D1 d11	D2 h6	B d11	L1	z	art.nr.	€	art.nr.	€		
16,0	10	8	62	6	1621601	120,60	1621600	120,60		
18,0	12	8	70	6	1621801	133,14	1621800	133,14		
19,0	12	9	70	6	1621901	150,45	1621900	150,45		
21,0	12	9	74	8	1622101	150,45	1622100	150,45		
22,0	12	10	74	8	1622201	154,63	1622200	154,63		
25,0	16	11	82	8	1622501	171,35	1622500	171,35		
28,0	16	12	85	8	1622801	186,27	1622800	186,27		
32,0	16	14	90	8	1623201	209,56	1623200	209,56		
36,0	25	16	103	8	1623601	274,04	1623600	274,04		
40,0	25	18	108	8	1624001	319,41	1624000	319,41		
45,0	25	20	113	10	1624501	403,00	1624500	403,00		

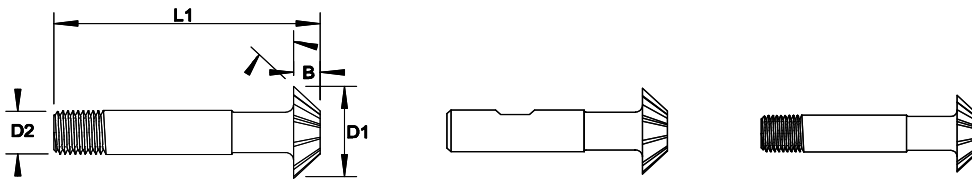
** leverbaar zolang de voorraad strekt



Hoekfrezen DIN 1833, HSSE-Co5

afmeting					HK-A-FIX		HK-A **		Alpha	
					weldon		aantrekdraad			
D1 js16	D2 h6	B	L1	z	art.nr.	€	art.nr.	€		
16,0	12	4	60	6	16616451	71,05	1661645	71,05	45°	
20,0	12	5	63	8	16620451	87,17	1662045	87,17	45°	
25,0	12	6,3	67	10	16625451	112,58	1662545	112,58	45°	
32,0	16	8	71	12	16632451	151,82	1663245	151,82	45°	
16,0	12	6,3	60	6	16616601	71,05	1661660	71,05	60°	
20,0	12	8	63	8	16620601	87,17	1662060	87,17	60°	
25,0	12	10	67	10	16625601	114,29	1662560	114,29	60°	
32,0	16	12,5	71	12	16632601	151,82	1663260	151,82	60°	

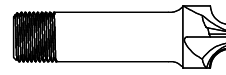
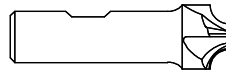
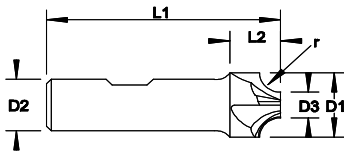
** leverbaar zolang de voorraad strekt



Hoekfrezen DIN 1833, HSSE-Co5

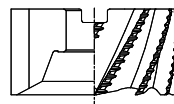
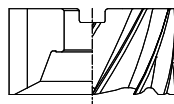
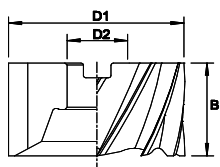
afmeting					HK-B-FIX		HK-B **		Alpha	
					weldon		aantrekdraad			
D1 js16	D2 h6	B	L1	z	art.nr.	€	art.nr.	€		
16,0	12	4	60	6	16716451	71,05	1671645	71,05	45°	
20,0	12	5	63	8	16720451	87,17	1672045	87,17	45°	
25,0	12	6,3	67	10	16725451	112,58	1672545	112,58	45°	
32,0	16	8	71	12	16732451	151,82	1673245	151,82	45°	
16,0	12	6,3	60	6	16716601	71,05	1671660	71,05	60°	
20,0	12	8	63	8	16720601	87,17	1672060	87,17	60°	
25,0	12	10	67	10	16725601	114,29	1672560	114,29	60°	
32,0	16	12,5	71	12	16732601	151,82	1673260	151,82	60°	

** leverbaar zolang de voorraad strekt

**Kwartholfrezen DIN 6518, HSSE-Co5**

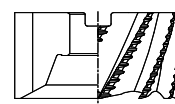
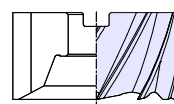
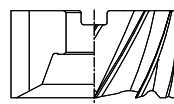
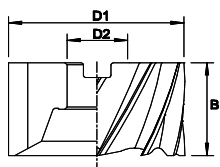
afmeting						KW-FIX		KWD **	
						weldon		aantrekdraad	
r h11	D1	D2 h6	D3 js14	L1	z	art.nr.	€	art.nr.	€
1,0	8	10	6	60	4	0400101	63,53	0400100	63,53
1,5	9	10	6	60	4	0400151	68,73	0400150	68,73
2,0	10	10	6	60	4	0400201	68,73	0400200	68,73
2,5	11	10	6	60	4	0400251	68,73	0400250	68,73
3,0	12	12	6	60	4	0400301	68,73	0400300	68,73
3,5	13	12	6	60	4	0400351	72,90	0400350	72,90
4,0	14	12	6	60	4	0400401	73,94	0400400	73,94
4,5	15	12	6	60	4	0400451	87,48	0400450	87,48
5,0	16	12	6	60	4	0400501	87,48	0400500	87,48
5,5	19	16	8	67	4	0400551	93,73	0400550	93,73
6,0	20	16	8	67	4	0400601	93,73	0400600	93,73
6,5	21	16	8	71	4	0400651	101,54	0400650	101,54
7,0	22	16	8	71	4	0400701	101,54	0400700	101,54
7,5	23	16	8	71	4	0400751	106,74	0400750	106,74
8,0	24	16	8	71	4	0400801	101,54	0400800	101,54
8,5	25	25	8	85	4	0400851	130,17	0400850	130,17
9,0	26	25	8	85	4	0400901	126,01	0400900	126,01
9,5	27	25	8	85	4	0400951	132,78	0400950	132,78
10,0	28	25	8	85	4	0401001	132,78	0401000	132,78
11,0	32	25	10	90	4	0401101	166,62	0401100	166,62
12,0	34	25	10	90	4	0401201	169,23	0401200	169,23
12,5	41	25	16	100	6	0401251	260,87	0401250	260,87
13,0	42	25	16	100	6	0401301	286,38	0401300	286,38
14,0	44	25	16	100	6	0401401	286,38	0401400	286,38
15,0	46	25	16	100	6	0401501	390,52	0401500	390,52
16,0	48	25	16	100	6	0401601	390,52	0401600	390,52
18,0	52	32	16	112	6	0401801	466,03	0401800	466,03
20,0	56	32	16	112	6	0402001	546,73	0402000	546,73

** leverbaar zolang de voorraad strekt



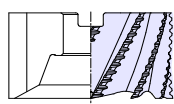
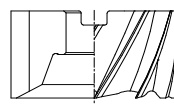
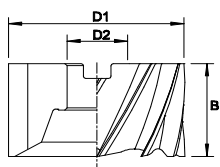
Mantelkopfrezen DIN 1880 HSSE-Co5

afmeting				MAK-X		MAK-TRA-X **			
D1 js16	B k16	D2 H7	z	art.nr.	€	art.nr.	€		
40	32	16	8	1064032	96,67	1414032			
50	36	22	8	1065036	110,88	1415036			
63	40	27	8	1066340	147,84	1416340	187,37		
80	45	27	10	1068045	207,54	1418045	263,04		
100	50	32	10	1061050	338,33	1411050			
125	56	40	12	1061256	608,41	1411256			



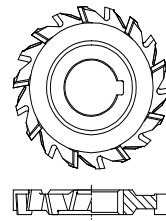
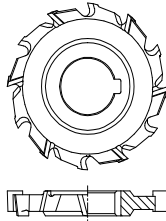
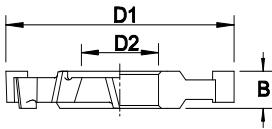
Mantelkopfrezen DIN 1880 HSSE-Co8

afmeting				MAK-Co8		MAK-Co8		MAK-TRA-Co8 **	
D1 js16	B k16	D2 H7	z	art.nr.	€	TiCN		art.nr.	€
40	32	16	8	1354032	116,56	13540323	145,70	1364032	o.a.
50	36	22	8	1355036	159,21	13550363	199,01	1365036	o.a.
63	40	27	8	1356340	196,17	13563403	245,21	1366340	o.a.
80	45	27	10	1358045	278,62	13580453	348,27	1368045	o.a.
100	50	32	10	1351050	452,04	13510503	565,05	1361050	o.a.

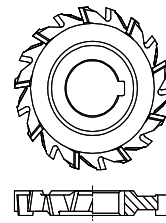
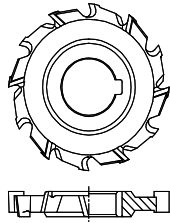
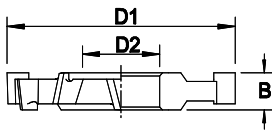


Mantelkopfrezen DIN 1880,ruw HSSE-Co5

afmeting				MAK-R-X		MAK-R-X			
D1 js16	B k16	D2 H7	z	art.nr.	€	TiCN			
40	32	16	6	1404032	133,62	14040323	167,03		
50	36	22	8	1405036	156,37	14050363	195,46		
63	40	27	8	1406340	199,01	14063403	248,76		
80	45	27	10	1408045	275,77	14080453	344,72		
100	50	32	10	1401050	481,61	14010503	602,02		
125	56	40	12	1401256	733,50	14012563	916,88		

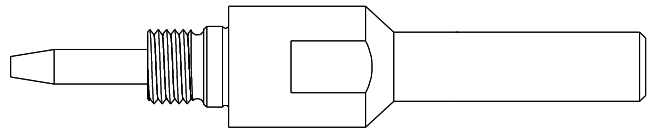
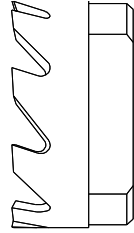
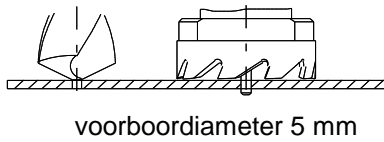

Schijffrezen zig-zag vertand DIN 885A HSSE-Co5

afmeting					SZD-N-X		SZD-H-X			
D1 js16	B k11	D2 H7	z 146	z 147	art.nr.	€	art.nr.	€		
50	4	16	10	14	1465004		1475004			
50	5	16	10	14	1465005		1475005			
50	6	16	10	14	1465006		1475006			
50	8	16	10	14	1465008	O	1475008	O		
50	10	16	10	14	1465010	P	1475010	P		
63	4	22	10	16	1466304		1476304			
63	5	22	10	16	1466305	A	1476305	A		
63	6	22	10	16	1466306	A	1476306	A		
63	8	22	10	16	1466308	N	1476308	N		
63	10	22	10	16	1466310	V	1476310	V		
63	12	22	10	16	1466312	R	1476312	R		
63	14	22	10	16	1466314	A	1476314	A		
63	16	22	10	16	1466316	A	1476316	A		
63	18	22	10	16	1466318	G	1476318	G		
80	5	27	12	18	1468005		1478005			
80	6	27	12	18	1468006		1478006			
80	8	27	12	18	1468008		1478008			
80	10	27	12	18	1468010		1478010			
80	12	27	12	18	1468012		1478012			
80	14	27	12	18	1468014		1478014			
80	16	27	12	18	1468016		1478016			
100	8	32	14	20	1461008		1471008			
100	10	32	14	20	1461010		1471010			
100	12	32	14	20	1461012	O	1471012	O		
100	14	32	14	20	1461014	P	1471014	P		
100	16	32	14	20	1461016		1471016			
100	18	32	14	20	1461018	A	1471018	A		
100	20	32	14	20	1461020	A	1471020	A		
100	22	32	14	20	1461022	N	1471022	N		
100	25	32	14	20	1461025	V	1471025	V		
125	10	32	16	22	1461210	R	1471210	R		
125	12	32	16	22	1461212	A	1471212	A		
125	14	32	16	22	1461214	A	1471214	A		
125	16	32	16	22	1461216	G	1471216	G		
125	18	32	16	22	1461218		1471218			
125	20	32	16	22	1461220		1471220			
125	22	32	16	22	1461222	O	1471222	O		
125	25	32	16	22	1461225	P	1471225	P		
125	28	32	16	22	1461228		1471228			
160	8	40	18	26	1461608	A	1471608	A		
160	10	40	18	26	1461610	A	1471610	A		
160	12	40	18	26	1461612	N	1471612	N		
160	14	40	18	26	1461614	V	1471614	V		



Schijffrezen zig-zag vertand DIN 885A HSSE-Co5

afmeting					SZD-N-X		SZD-H-X			
D1 js16	B k11	D2 H7	z 146	z 147	art.nr.	€	art.nr.	€		
160	16	40	18	26	1461616	R	1471616	R		
160	18	40	18	26	1461618	A	1471618	A		
160	20	40	18	26	1461620	A	1471620	A		
160	22	40	18	26	1461622	G	1471622	G		
160	25	40	18	26	1461625		1471625			
160	28	40	18	26	1461628		1471628			
160	32	40	18	26	1461632	O	1471632	O		
200	8	40	20	30	1462008	P	1472008	P		
200	10	40	20	30	1462010		1472010			
200	12	40	20	30	1462012	A	1472012	A		
200	14	40	20	30	1462014	A	1472014	A		
200	16	40	20	30	1462016	N	1472016	N		
200	18	40	20	30	1462018	V	1472018	V		
200	20	40	20	30	1462020	R	1472020	R		
200	22	40	20	30	1462022	A	1472022	A		
200	25	40	20	30	1462025	A	1472025	A		
200	28	40	20	30	1462028	G	1472028	G		
200	32	40	20	30	1462032		1472032			



Plaatboren

D1	D2	D3	L	S	z	art.nr.	€
12	10,0	G 1/8"	25	12	5	3981200	83,42
13	10,0	G 1/8"	25	12	5	3981300	83,42
14	10,0	G 1/8"	25	12	5	3981400	83,42
15	10,0	G 1/8"	25	12	6	3981500	83,42
16	10,0	G 1/8"	25	12	6	3981600	83,42
17	10,0	G 1/8"	25	14	6	3981700	94,44
18	10,0	G 1/8"	25	14	6	3981800	94,44
19	10,0	G 1/8"	25	14	6	3981900	94,44
20	14,0	G 1/4"	25	17	6	3982000	94,44
21	14,0	G 1/4"	25	17	6	3982100	94,44
22	14,0	G 1/4"	25	17	6	3982200	94,44
23	14,0	G 1/4"	25	20	6	3982300	94,44
24	14,0	G 1/4"	25	20	6	3982400	96,39
25	14,0	G 1/4"	25	20	8	3982500	96,39
28	14,0	G 1/4"	25	24	8	3982800	107,29
30	14,0	G 1/4"	25	24	8	3983000	107,29
32	14,0	G 1/4"	25	24	9	3983200	128,23
35	14,0	G 1/4"	25	27	9	3983500	128,23
38	14,0	G 1/4"	25	27	9	3983800	128,23
40	14,0	G 1/4"	25	27	9	3984000	128,23
42	14,0	G 1/4"	25	27	12	3984200	161,33
45	14,0	G 1/4"	25	32	12	3984500	161,33
48	14,0	G 1/4"	25	32	12	3984800	161,33
50	14,0	G 1/4"	25	32	12	3985000	162,94
55	18,0	G 3/8"	25	32	12	3985500	195,07
60	18,0	G 3/8"	25	32	12	3986000	215,27
65	18,0	G 3/8"	25	32	12	3986500	224,90

Plaatboorhouders

Nr.	D1 h9	D2 h9	D3	D4	L1	L2	SW	Cap.PI ø-ø	art.nr	€
1	12	10	G 1/8"	5	80	13	14	12-19	3991000	126,22
2	12	14	G 1/4"	5	80	13	17	20-50	3991400	129,66
3	12	18	G 3/8"	5	80	13	22	55-65	3991800	170,97

