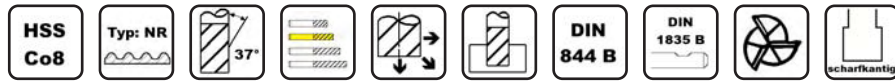


Schaftfräser Schruppverzahnung NR Dreischneider



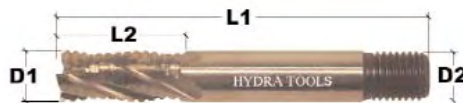
Kurze Ausführung

CODE				5213	5213-EX	CODE				5213	5213-EX
D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	€	€	D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	€	€
10	22	72	10	22,34	29,74	22	38	104	20	54,16	73,73
*11	22	79	12	22,25	30,50	25	45	121	25	65,44	93,28
12	26	83	12	24,87	33,09	28	45	121	25	83,49	112,84
14	26	83	12	31,59	40,49	30	45	121	25	97,04	126,79
*15	26	83	12	31,95	41,25	32	53	133	32	106,06	138,08
16	32	92	16	35,43	50,56	36	53	133	32	106,06	147,08
18	32	92	16	37,23	53,10	40	63	155	32	169,24	232,87
20	38	104	20	42,87	60,66						



*solange Vorrat reicht

Schaftfräser Schruppverzahnung NR Mehrschneider



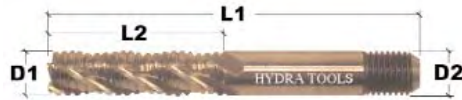
Kurze Ausführung

CODE						511	511-EX	CODE						511	511-EX
D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€	D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€		
6	13	57	6	3	18,02	22,66	18	32	92	16	4	31,96	46,12		
8	19	69	10	3	19,17	26,50	20	38	98	16	4	36,80	52,40		
10	22	72	10	4	19,17	26,50	*22	41,5	99	25	5	46,25	71,75		
*11	19	67	12	4	24,55	32,20	24	45	121	25	5	56,17	81,63		
12	26	83	12	4	21,34	28,99	25	45	121	25	5	56,17	81,63		
14	26	83	12	4	27,12	35,12	*28	46	105	25	6	66,20	93,30		
16	32	92	16	4	30,41	44,25	32	53	133	32	6	91,04	170,84		



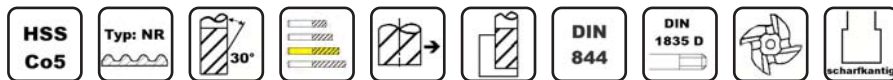
*solange Vorrat reicht

Schaftfräser Schruppverzahnung NR Mehrschneider



Lange Ausführung

CODE					512	512-EX	CODE					512	512-EX
D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€	D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€
6	24	68	6	3	23,25	27,89	20	75	135	16	4	53,26	73,31
8	38	88	10	3	25,18	35,50	20	75	141	20	4	53,26	73,31
10	45	95	10	4	25,18	35,50	*22	85,5	143	25	5	70,70	114,10
12	53	110	12	4	29,05	40,84	*24	92	149	25	5	89,10	132,55
14	53	110	12	4	40,68	53,14	25	90	166	25	5	81,35	124,78
16	63	123	16	4	42,62	60,26	*28	98,5	157	25	6	102,50	152,70
*17	67	115	16	4	51,80	69,55	32	106	186	32	6	131,71	193,06
18	63	123	16	4	48,42	67,09	*35	101,5	164	32	6	163,75	233,55
*19	76	122	16	4	63,15	81,80							

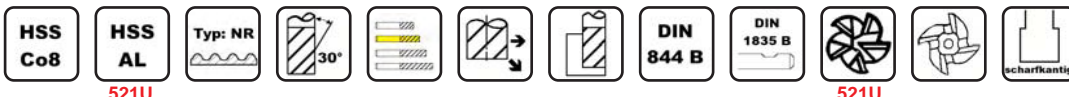


*solange Vorrat reicht



Kurze Ausführung

CODE					521	521-EX	521U	521U-EX	CODE					521	521-EX	521U	521U-EX
D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€	€	€	D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€	€	€
6	13	57	6	3	17,49	21,60	*14,17	*16,74	20	38	104	20	4	35,73	53,51	29,19	45,26
7	16	60	8	4	-	-	18,72	24,27	22	38	104	20	5	45,13	64,70	*33,71	*59,78
7	16	66	10	3	18,62	25,94	*18,72	*24,27	22	38	114	25	5	45,13	64,70	-	-
8	19	69	8	4	-	-	15,38	19,04	24	45	121	25	5	54,53	82,37	-	-
8	19	69	10	3	18,62	26,02	*15,38	*19,04	25	45	121	25	5	54,53	82,37	39,01	63,41
9	19	69	10	3	18,62	26,02	*21,00	*27,07	26	45	121	25	6	61,12	90,47	-	-
10	22	72	10	4	18,62	26,02	16,53	20,81	28	45	121	25	6	69,58	98,93	**54,99	**82,45
11	22	79	12	4	20,72	28,94	23,70	29,94	30	45	121	25	6	80,86	110,62	**53,78	**80,59
12	26	83	12	4	20,72	28,94	18,72	24,00	32	53	133	32	6	88,38	120,41	81,98	129,47
13	26	83	12	4	26,33	35,22	-	-	35	53	133	32	6	127,87	168,90	-	-
14	26	83	12	4	26,33	35,22	22,27	35,34	36	53	133	32	6	127,87	168,90	88,35	156,43
15	26	83	12	4	28,21	37,51	-	-	38	63	155	32	6	136,33	195,49	-	-
16	32	92	16	4	29,52	44,66	24,29	34,45	38	63	155	40	6	136,33	195,49	-	-
17	32	92	16	4	31,03	46,89	-	-	40	63	155	32	6	141,03	204,65	-	-
18	32	92	16	4	31,03	46,89	29,10	43,93	40	63	155	40	6	141,03	204,65	104,51	208,75
19	32	92	16	4	35,73	53,51	-	-	50	75	177	50	6	235,05	323,08	-	-
20	38	98	16	4	35,73	53,51	-	-									



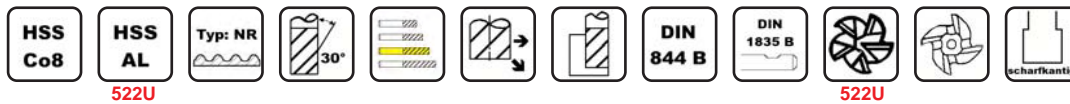
*Z=4 / **Z=5

Schaftfräser Schruppverzahnung NR Mehrschneider



Lange Ausführung

CODE					522	522-EX	522U	522U-EX	CODE					522	522-EX	522U	522U-EX
D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€	€	€	D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€	€	€
6	24	68	6	3	22,56	27,21	*21,51	*28,93	22	75	151	25	5	78,44	102,44	-	-
7	30	80	10	3	24,44	34,77	-	-	24	90	166	25	5	78,98	122,41	-	-
8	38	88	10	3	24,44	34,77	*22,69	*32,47	25	90	166	25	5	78,98	122,41	67,48	104,17
9	38	88	10	3	24,44	34,77	-	-	26	90	166	25	6	86,51	136,72	-	-
10	45	95	10	4	24,44	34,77	24,24	35,25	28	90	166	25	6	103,43	153,65	**80,80	**128,59
11	45	102	12	4	28,21	39,99	29,94	42,17	30	90	166	25	6	120,53	173,61	**89,74	**137,63
12	53	110	12	4	28,21	39,99	26,32	39,06	32	106	186	32	6	127,87	189,22	101,21	149,37
13	53	110	12	4	39,49	51,95	-	-	35	106	186	32	6	155,33	225,17	-	-
14	53	110	12	4	39,49	51,95	29,28	42,95	36	106	186	32	6	155,33	225,17	150,98	265,33
15	53	110	12	4	41,37	59,02	-	-	38	125	217	32	6	171,12	230,29	-	-
16	63	123	16	4	41,37	59,02	34,84	56,41	38	125	217	40	6	171,12	257,94	-	-
17	63	123	16	4	47,01	65,68	-	-	40	125	205	32	6	-	-	253,03	371,12
18	63	123	16	4	47,01	65,68	40,66	69,43	40	125	217	32	6	184,28	271,09	-	-
19	63	123	16	4	51,71	73,95	-	-	40	125	217	40	6	184,28	271,09	-	-
20	75	135	16	4	51,71	73,95	-	-	45	125	217	32	6	-	-	284,24	414,74
20	75	141	20	4	51,71	73,95	48,74	80,41	*45	125	217	40	6	251,15	346,15	-	-
22	75	141	20	5	71,46	95,46	*53,73	*91,66	50	150	252	40	6	-	-	350,87	482,45



*Z=4 / **Z=5

*solange Vorrat reicht

Extra
Lange Ausführung



CODE					523U	523U-EX	CODE					523U	523U-EX
D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€	D1 k12 mm	L2 mm	L1 mm	D2 h6 mm	Z	€	€
6	40	80	6	4	31,97	40,20	25	125	201	25	4	119,77	150,73
8	65	115	8	4	34,24	43,04	25	140	216	25	4	123,31	155,10
10	65	115	10	4	36,52	45,88	25	160	236	25	4	126,85	166,02
12	75	132	12	4	38,29	48,06	28	140	216	25	4	140,35	176,51
14	80	137	12	4	43,44	54,61	28	160	236	25	4	155,53	195,51
16	100	160	16	4	61,66	77,55	30	140	216	25	4	157,22	197,70
18	100	160	16	4	70,34	88,47	32	140	220	32	4	173,24	217,80
20	100	166	20	4	78,95	99,40	32	160	240	32	4	176,79	222,28
20	125	191	20	4	99,86	125,61	32	180	260	32	4	191,12	240,30
22	110	176	20	4	110,15	138,50							

