

# Vrtáky s válcovou stopkou

Straight shank drills

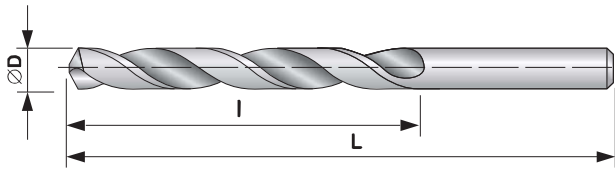
Spiralbohrer mit Zylinderschaft

**VRTÁKY S VÁLCOVOU STOPKOU**  
**JOBBER DRILLS**  
**KURZE SPIRALBOHRER MIT ZYLINDRISCHEM SCHAFT**

**ČSN 221121**

DIN 338 RN

<b>HSS</b>	<b>PAS</b>					<b>V</b> 1,0 ± 1,9	<b>T</b> 2,0 ± 20,0	<b>5xD</b>		
<b>Steel &lt;850 MPa</b>	<b>Cast iron</b>	<b>Al/alloy</b>	<b>Cu/alloy</b>	<b>Plastics</b>						



Objednáací číslo Order No. Bestell-Nr.	ØD mm	L mm	I mm		Code 221121
A210100V500S	1,00	34	12	0,0002	1x34/12
A210110V500S	1,10	36	14	0,0002	1,1x36/14
A210120V500S	1,20	38	16	0,0002	1,2x38/16
A210125V500S	1,25	38	16	0,0003	1,25x38/16
A210130V500S	1,30	38	16	0,0003	1,3x38/16
A210140V500S	1,40	40	18	0,0004	1,4x40/18
A210150V500S	1,50	40	18	0,0004	1,5x40/18
A210160V500S	1,60	43	20	0,0005	1,6x43/20
A210170V500S	1,70	43	20	0,0005	1,7x43/20
A210175V500S	1,75	46	22	0,0005	1,75x46/22
A210180V500S	1,80	46	22	0,0006	1,8x46/22
A210190V500S	1,90	46	22	0,0006	1,9x46/22
A210200T000S	2,00	49	24	0,0007	2x49/24
A210210T000S	2,10	49	24	0,0008	2,1x49/24
A210220T000S	2,20	53	27	0,0009	2,2x53/27
A210225T000S	2,25	53	27	0,0009	2,25x53/27
A210230T000S	2,30	53	27	0,0010	2,3x53/27
A210240T000S	2,40	57	30	0,0012	2,4x57/30
A210250T000S	2,50	57	30	0,0013	2,5x57/30
A210260T000S	2,60	57	30	0,0014	2,6x57/30
A210270T000S	2,70	61	33	0,0016	2,7x61/33
A210275T000S	2,75	61	33	0,0017	2,75x61/33
A210280T000S	2,80	61	33	0,0018	2,8x61/33
A210290T000S	2,90	61	33	0,0019	2,9x61/33
A210300T000S	3,00	61	33	0,0022	3x61/33
A210310T000S	3,10	65	36	0,0026	3,1x65/36
A210320T000S	3,20	65	36	0,0028	3,2x65/36
A210325T000S	3,25	65	36	0,0029	3,25x65/36
A210330T000S	3,30	65	36	0,0030	3,3x65/36
A210340T000S	3,40	70	39	0,0034	3,4x70/39
A210350T000S	3,50	70	39	0,0035	3,5x70/39
A210360T000S	3,60	70	39	0,0036	3,6x70/39
A210370T000S	3,70	70	39	0,0038	3,7x70/39
A210375T000S	3,75	70	39	0,0040	3,75x70/39
A210380T000S	3,80	75	43	0,0042	3,8x75/43
A210390T000S	3,90	75	43	0,0043	3,9x75/43
A210400T000S	4,00	75	43	0,0044	4x75/43
A210410T000S	4,10	75	43	0,0048	4,1x75/43
A210420T000S	4,20	75	43	0,0050	4,2x75/43
A210425T000S	4,25	75	43	0,0055	4,25x75/43
A210430T000S	4,30	80	47	0,0055	4,3x80/47
A210440T000S	4,40	80	47	0,0055	4,4x80/47
A210450T000S	4,50	80	47	0,0060	4,5x80/47
A210460T000S	4,60	80	47	0,0080	4,6x80/47
A210470T000S	4,70	80	47	0,0070	4,7x80/47
A210475T000S	4,75	80	47	0,0080	4,75x80/47
A210480T000S	4,80	86	52	0,0080	4,8x86/52
A210490T000S	4,90	86	52	0,0080	4,9x86/52
A210500T000S	5,00	86	52	0,0085	5x86/52
A210510T000S	5,10	86	52	0,0085	5,1x86/52
A210520T000S	5,20	86	52	0,0090	5,2x86/52
A210525T000S	5,25	86	52	0,0090	5,25x86/52
A210530T000S	5,30	86	52	0,0090	5,3x86/52
A210540T000S	5,40	93	57	0,0090	5,4x93/57
A210550T000S	5,50	93	57	0,0100	5,5x93/57
A210560T000S	5,60	93	57	0,0100	5,6x93/57
A210570T000S	5,70	93	57	0,0100	5,7x93/57

Objednáací číslo Order No. Bestell-Nr.	ØD mm	L mm	I mm		Code 221121
A210575T000S	5,75	93	57	0,011	5,75x93/57
A210580T000S	5,80	93	57	0,012	5,8x93/57
A210590T000S	5,90	93	57	0,012	5,9x93/57
A210600T000S	6,00	93	57	0,013	6x93/57
A210610T000S	6,10	101	63	0,013	6,1x101/63
A210620T000S	6,20	101	63	0,014	6,2x101/63
A210625T000S	6,25	101	63	0,014	6,25x101/63
A210630T000S	6,30	101	63	0,015	6,3x101/63
A210640T000S	6,40	101	63	0,016	6,4x101/63
A210650T000S	6,50	101	63	0,017	6,5x101/63
A210660T000S	6,60	101	63	0,018	6,6x101/63
A210670T000S	6,70	101	63	0,019	6,7x101/63
A210675T000S	6,75	109	69	0,019	6,75x109/69
A210680T000S	6,80	109	69	0,0195	6,8x109/69
A210690T000S	6,90	109	69	0,020	6,9x109/69
A210700T000S	7,00	109	69	0,020	7x109/69
A210710T000S	7,10	109	69	0,021	7,1x109/69
A210720T000S	7,20	109	69	0,021	7,2x109/69
A210725T000S	7,25	109	69	0,022	7,25x109/69
A210730T000S	7,30	109	69	0,022	7,3x109/69
A210740T000S	7,40	109	69	0,023	7,4x109/69
A210750T000S	7,50	109	69	0,023	7,5x109/69
A210760T000S	7,60	117	75	0,024	7,6x117/75
A210770T000S	7,70	117	75	0,024	7,7x117/75
A210775T000S	7,75	117	75	0,025	7,75x117/75
A210780T000S	7,80	117	75	0,025	7,8x117/75
A210790T000S	7,90	117	75	0,026	7,9x117/75
A210800T000S	8,00	117	75	0,027	8x117/75
A210810T000S	8,10	117	75	0,027	8,1x117/75
A210820T000S	8,20	117	75	0,028	8,2x117/75
A210825T000S	8,25	117	75	0,028	8,25x117/75
A210830T000S	8,30	117	75	0,029	8,3x117/75
A210840T000S	8,40	117	75	0,029	8,4x117/75
A210850T000S	8,50	117	75	0,030	8,5x117/75
A210860T000S	8,60	125	81	0,035	8,6x125/81
A210870T000S	8,70	125	81	0,035	8,7x125/81
A210875T000S	8,75	125	81	0,037	8,75x125/81
A210880T000S	8,80	125	81	0,037	8,8x125/81
A210890T000S	8,90	125	81	0,038	8,9x125/81
A210900T000S	9,00	125	81	0,039	9x125/81
A210910T000S	9,10	125	81	0,039	9,1x125/81
A210920T000S	9,20	125	81	0,039	9,2x125/81
A210925T000S	9,25	125	81	0,040	9,25x125/81
A210930T000S	9,30	125	81	0,040	9,3x125/81
A210940T000S	9,40	125	81	0,042	9,4x125/81
A210950T000S	9,50	125	81	0,043	9,5x125/81
A210960T000S	9,60	133	87	0,050	9,6x133/87
A210970T000S	9,70	133	87	0,050	9,7x133/87
A210975T000S	9,75	133	87	0,050	9,75x133/87
A210980T000S	9,80	133	87	0,051	9,8x133/87
A210990T000S	9,90	133	87	0,051	9,9x133/87
A211000T000S	10,00	133	87	0,052	10x133/87
A211010T000S	10,10	133	87	0,052	10,1x133/87
A211020T000S	10,20	133	87	0,053	10,2x133/87
A211025T000S	10,25	133	87	0,053	10,25x133/87
A211030T000S	10,30	133	87	0,054	10,3x133/87



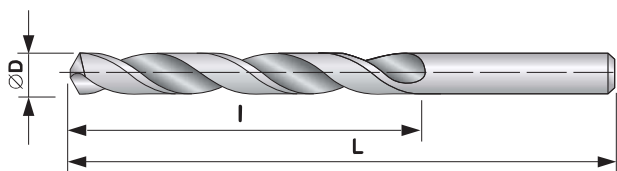
### ČSN 221121

DIN 338 RN



VRTÁKY S VÁLCOVOU STOPKOU  
JOBBER DRILLS  
KURZE SPIRALBOHRER MIT ZYLINDRISCHEM SCHAFT

HSS	PAS	$\epsilon = 118^\circ$	$\lambda = 25^\circ + 30^\circ$	DIN 1412 FORM „N“		V 1,0 ÷ 1,9	T 2,0 ÷ 20,0	5xD		
Steel <850 MPa	Cast iron	Al/alloy	Cu/alloy	Plastics						



Objednací číslo Order No. Bestell-Nr.	ØD mm	L mm	I mm		Code 221121
A211040T000S	10,40	133	87	0,054	10,4x133/87
A211050T000S	10,50	133	87	0,055	10,5x133/87
A211060T000S	10,60	133	87	0,055	10,6x133/87
A211070T000S	10,70	142	94	0,065	10,7x142/94
A211075T000S	10,75	142	94	0,066	10,75x142/94
A211080T000S	10,80	142	94	0,067	10,8x142/94
A211090T000S	10,90	142	94	0,068	10,9x142/94
A211100T000S	11,00	142	94	0,068	11x142/94
A211110T000S	11,10	142	94	0,069	11,1x142/94
A211120T000S	11,20	142	94	0,069	11,2x142/94
A211125T000S	11,25	142	94	0,069	11,25x142/94
A211130T000S	11,30	142	94	0,070	11,3x142/94
A211140T000S	11,40	142	94	0,070	11,4x142/94
A211150T000S	11,50	142	94	0,071	11,5x142/94
A211160T000S	11,60	142	94	0,071	11,6x142/94
A211170T000S	11,70	142	94	0,073	11,7x142/94
A211175T000S	11,75	142	94	0,075	11,75x142/94
A211180T000S	11,80	142	94	0,075	11,8x142/94
A211190T000S	11,90	151	101	0,086	11,9x151/101
A211200T000S	12,00	151	101	0,086	12x151/101
A211210T000S	12,10	151	101	0,088	12,1x151/101
A211220T000S	12,20	151	101	0,088	12,2x151/101
A211225T000S	12,25	151	101	0,090	12,25x151/101
A211230T000S	12,30	151	101	0,090	12,3x151/101
A211240T000S	12,40	151	101	0,091	12,4x151/101
A211250T000S	12,50	151	101	0,091	12,5x151/101
A211260T000S	12,60	151	101	0,092	12,6x151/101
A211270T000S	12,70	151	101	0,092	12,7x151/101
A211275T000S	12,75	151	101	0,093	12,75x151/101
A211280T000S	12,80	151	101	0,093	12,8x151/101
A211290T000S	12,90	151	101	0,094	12,9x151/101
A211300T000S	13,00	151	101	0,094	13x151/101
A211310T000S	13,10	151	101	0,095	13,1x151/101
A211320T000S	13,20	151	101	0,096	13,2x151/101
A211325T000S	13,25	160	108	0,100	13,25x160/108
A211330T000S	13,30	160	108	0,100	13,3x160/108
A211340T000S	13,40	160	108	0,110	13,4x160/108
A211350T000S	13,50	160	108	0,110	13,5x160/108

Objednací číslo Order No. Bestell-Nr.	ØD mm	L mm	I mm		Code 221121
A211360T000S	13,60	160	108	0,110	13,6x160/108
A211370T000S	13,70	160	108	0,110	13,7x160/108
A211375T000S	13,75	160	108	0,111	13,75x160/108
A211380T000S	13,80	160	108	0,112	13,8x160/108
A211390T000S	13,90	160	108	0,114	13,9x160/108
A211400T000S	14,00	160	108	0,114	14x160/108
A211410T000S	14,10	169	114	0,125	14,1x169/114
A211420T000S	14,20	169	114	0,125	14,2x169/114
A211425T000S	14,25	169	114	0,125	14,25x169/114
A211430T000S	14,30	169	114	0,128	14,3x169/114
A211440T000S	14,40	169	114	0,130	14,4x169/114
A211450T000S	14,50	169	114	0,130	14,5x169/114
A211460T000S	14,60	169	114	0,130	14,6x169/114
A211470T000S	14,70	169	114	0,137	14,7x169/114
A211475T000S	14,75	169	114	0,137	14,75x169/114
A211480T000S	14,80	169	114	0,137	14,8x169/114
A211490T000S	14,90	169	114	0,137	14,9x169/114
A211500T000S	15,00	169	114	0,137	15x169/114
A211525T000S	15,25	178	120	0,145	15,25x178/120
A211550T000S	15,50	178	120	0,155	15,5x178/120
A211575T000S	15,75	178	120	0,162	15,75x178/120
A211600T000S	16,00	178	120	0,170	16x178/120
A211625T000S	16,25	184	125	0,190	16,25x184/125
A211650T000S	16,50	184	125	0,198	16,5x184/125
A211675T000S	16,75	184	125	0,208	16,75x184/125
A211700T000S	17,00	184	125	0,215	17x184/125
A211725T000S	17,25	191	130	0,220	17,25x191/130
A211750T000S	17,50	191	130	0,224	17,5x191/130
A211775T000S	17,75	191	130	0,228	17,75x191/130
A211800T000S	18,00	191	130	0,232	18x191/130
A211825T000S	18,25	198	135	0,240	18,25x198/135
A211850T000S	18,50	198	135	0,250	18,5x198/135
A211875T000S	18,75	198	135	0,260	18,75x198/135
A211900T000S	19,00	198	135	0,270	19x198/135
A211925T000S	19,25	205	140	0,280	19,25x205/140
A211950T000S	19,50	205	140	0,288	19,5x205/140
A211975T000S	19,75	205	140	0,296	19,75x205/140
A212000T000S	20,00	205	140	0,303	20x205/140

