

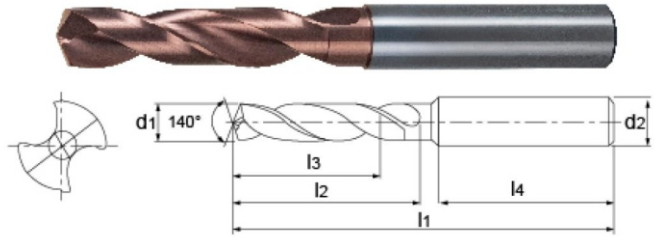
Сверло 3D без СОЖ

HELICA

3D



P	M	K	N
Сталь	Нержав. сталь	Чугун	Цветные сплавы



Артикул	d1(m7)	M	d2(h6)	l1	l2	l3	l4
GDW2103-D300	3		6	62	20	14	36
GDW2103-D350	3.5		6	62	20	14	36
GDW2103-D400	4		6	66	24	17	36
GDW2103-D450	4.5		6	66	24	17	36
GDW2103-D500	5	M6	6	66	28	20	36
GDW2103-D550	5.5		6	66	28	20	36
GDW2103-D555	5.55		6	66	28	20	36
GDW2103-D600	6		6	66	28	20	36
GDW2103-D650	6.5		8	79	34	24	36
GDW2103-D700	7	M8X1	8	79	34	24	36
GDW2103-D750	7.5		8	79	41	29	36
GDW2103-D800	8		8	79	41	29	36
GDW2103-D850	8.5	M10	10	89	47	35	40
GDW2103-D900	9	M10X1	10	89	47	35	40
GDW2103-D950	9.5		10	89	47	35	40
GDW2103-D1000	10		10	89	47	35	40
GDW2103-D1050	10.5	M12X1.5	12	102	55	40	45
GDW2103-D1100	11		12	102	55	40	45
GDW2103-D1150	11.5		12	102	55	40	45
GDW2103-D1200	12	M14	12	102	55	40	45
GDW2103-D1250	12.5	M14X1.5	14	107	60	43	45
GDW2103-D1280	12.8		14	107	60	43	45
GDW2103-D1300	13		14	107	60	43	45
GDW2103-D1350	13.5		14	107	60	43	45
GDW2103-D1400	14	M16	14	107	60	43	45
GDW2103-D1450	14.5	M16X1.5	16	115	65	45	48
GDW2103-D1500	15		16	115	65	45	48
GDW2103-D1550	15.5		16	115	65	45	48
GDW2103-D1600	16		16	115	65	45	48
GDW2103-D1650	16.5		18	123	73	51	48
GDW2103-D1700	17		18	123	73	51	48
GDW2103-D1750	17.5		18	123	73	51	48
GDW2103-D1800	18		18	123	73	51	48
GDW2103-D1850	18.5		20	131	79	55	50
GDW2103-D1900	19		20	131	79	55	50
GDW2103-D1950	19.5		20	131	79	55	50
GDW2103-D2000	20		20	131	79	55	50

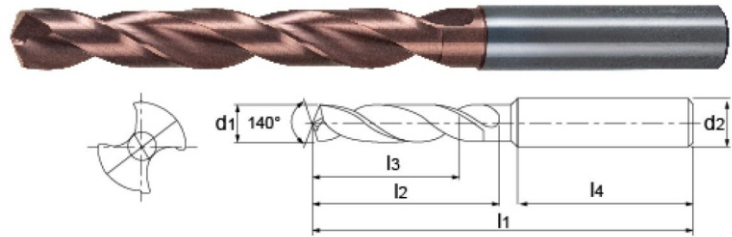
Сверло 5D без СОЖ

HELICA

5D



P	M	K	N
Сталь	Нержав. сталь	Чугун	Цветные сплавы



Артикул	d1(m7)	M	d2(h6)	l1	l2	l3	l4
GWD2105-D300	3		6	66	28	23	36
GWD2105-D350	3.5		6	66	28	23	36
GWD2105-D400	4		6	74	36	29	36
GWD2105-D450	4.5		6	74	36	29	36
GWD2105-D500	5	M6	6	82	44	35	36
GWD2105-D550	5.5		6	82	44	35	36
GWD2105-D600	6		6	82	44	35	36
GWD2105-D650	6.5		8	91	53	43	36
GWD2105-D700	7	M8X1	8	91	53	43	36
GWD2105-D750	7.5		8	91	53	43	36
GWD2105-D800	8		8	91	53	43	36
GWD2105-D850	8.5	M10	10	103	61	49	40
GWD2105-D900	9	M10X1	10	103	61	49	40
GWD2105-D950	9.5		10	103	61	49	40
GWD2105-D1000	10		10	103	61	49	40
GWD2105-D1050	10.5	M12X1.5	12	118	71	56	45
GWD2105-D1100	11		12	118	71	56	45
GWD2105-D1150	11.5		12	118	71	56	45
GWD2105-D1200	12	M14	12	118	71	56	45
GWD2105-D1250	12.5	M14X1.5	14	124	77	60	45
GWD2105-D1310	13		14	124	77	60	45
GWD2105-D1350	13.5		14	124	77	60	45
GWD2105-D1400	14	M16	14	124	77	60	45
GWD2105-D1450	14.5	M16X1.5	16	133	83	63	48
GWD2105-D1500	15		16	133	83	63	48
GWD2105-D1550	15.5		16	133	83	63	48
GWD2105-D1600	16		16	133	83	63	48
GWD2105-D1650	16.5		18	143	93	71	48
GWD2105-D1700	17		18	143	93	71	48
GWD2105-D1750	17.5		18	143	93	71	48
GWD2105-D1800	18		18	143	93	71	48
GWD2105-D1850	18.5		20	153	101	77	50
GWD2105-D1900	19		20	153	101	77	50
GWD2105-D1950	19.5		20	153	101	77	50
GWD2105-D2000	20		20	153	101	77	50

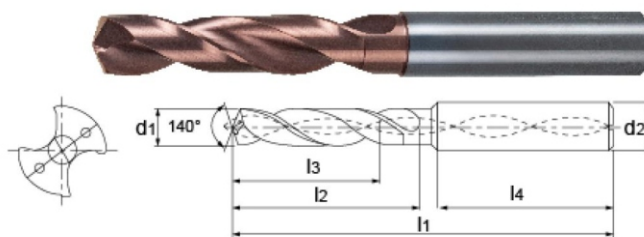
Сверло с 3D СОЖ

HELICA

3D



P	M	K	N
Сталь	Нержав. сталь	Чугун	Цветные сплавы



Артикул	d1(m7)	M	d2(h6)	l1	l2	l3	l4
GWD2103-D500	5	M6	6	66	28	20	36
GWD2103-D550	5.5		6	66	28	20	36
GWD2103-D555	5.55		6	66	28	20	36
GWD2103-D600	6		6	66	28	20	36
GWD2103-D650	6.5		8	79	34	24	36
GWD2103-D700	7	M8X1	8	79	34	24	36
GWD2103-D750	7.5		8	79	41	29	36
GWD2103-D800	8		8	79	41	29	36
GWD2103-D850	8.5	M10	10	89	47	35	40
GWD2103-D900	9	M10X1	10	89	47	35	40
GWD2103-D950	9.5		10	89	47	35	40
GWD2103-D1000	10		10	89	47	35	40
GWD2103-D1050	10.5	M12X1.5	12	102	55	40	40
GWD2103-D1100	11		12	102	55	40	40
GWD2103-D1150	11.5		12	102	55	40	40
GWD2103-D1200	12	M14	12	102	55	40	40
GWD2103-D1250	12.5	M14X1.5	14	107	60	43	45
GWD2103-D1280	12.8		14	107	60	43	45
GWD2103-D1300	13		14	107	60	43	45
GWD2103-D1350	13.5		14	107	60	43	45
GWD2103-D1400	14	M16	14	107	60	43	45
GWD2103-D1450	14.5	M16X1.5	16	115	65	45	48
GWD2103-D1500	15		16	115	65	45	48
GWD2103-D1550	15.5		16	115	65	45	48
GWD2103-D1600	16		16	115	65	45	48
GWD2103-D1650	16.5		18	123	73	51	48
GWD2103-D1700	17		18	123	73	51	48
GWD2103-D1750	17.5		18	123	73	51	48
GWD2103-D1800	18		18	123	73	51	48
GWD2103-D1850	18.5		20	131	79	55	50
GWD2103-D1900	19		20	131	79	55	50
GWD2103-D1950	19.5		20	131	79	55	50
GWD2103-D2000	20		20	131	79	55	50

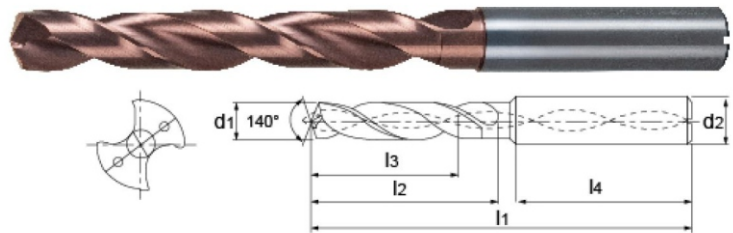
Сверло с 5D СОЖ

HELICA

5D



P	M	K	N
Сталь	Нержав. сталь	Чугун	Цветные сплавы



Артикул	d1(m7)	M	d2(h6)	l1	l2	l3	l4
GWD2105-D500	5	M6	6	82	44	35	36
GWD2105-D550	5.5		6	82	44	35	36
GWD2105-D600	6		6	82	44	35	36
GWD2105-D650	6.5		8	91	53	43	36
GWD2105-D700	7	M8X1	8	91	53	43	36
GWD2105-D750	7.5		8	91	53	43	36
GWD2105-D800	8		8	91	53	43	36
GWD2105-D850	8.5	M10	10	103	61	49	40
GWD2105-D900	9	M10X1	10	103	61	49	40
GWD2105-D950	9.5		10	103	61	49	40
GWD2105-D1000	10		10	103	61	49	40
GWD2105-D1050	10.5	M12X1.5	12	118	71	56	45
GWD2105-D1100	11		12	118	71	56	45
GWD2105-D1150	11.5		12	118	71	56	45
GWD2105-D1200	12	M14	12	118	71	56	45
GWD2105-D1250	12.5	M14X1.5	14	124	77	60	45
GWD2105-D1310	13		14	124	77	60	45
GWD2105-D1350	13.5		14	124	77	60	45
GWD2105-D1400	14	M16	14	124	77	60	45
GWD2105-D1450	14.5	M16X1.5	16	133	83	63	48
GWD2105-D1500	15		16	133	83	63	48
GWD2105-D1550	15.5		16	133	83	63	48
GWD2105-D1600	16		16	133	83	63	48
GWD2105-D1650	16.5		18	143	93	71	48
GWD2105-D1700	17		18	143	93	71	48
GWD2105-D1750	17.5		18	143	93	71	48
GWD2105-D1800	18		18	143	93	71	48
GWD2105-D1850	18.5		20	153	101	77	50
GWD2105-D1900	19		20	153	101	77	50
GWD2105-D1950	19.5		20	153	101	77	50
GWD2105-D2000	20		20	153	101	77	50

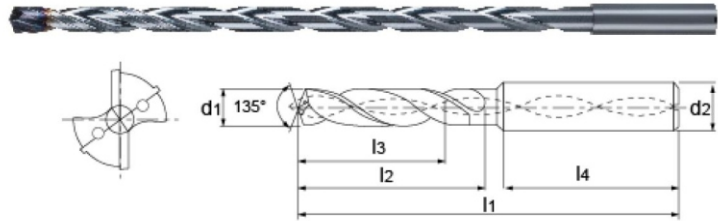
Сверло 20D с СОЖ

AlTiN
nano

20D



P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Артикул	d1(m7)	M	d2(h6)	l1	l2	l3	l4
GWD3020-CHA-D03000	3		6	107	60	60	36
GWD3020-CHA-D03175	3.175	1/8"	6	134	86	86	36
GWD3020-CHA-D03500	3.5		6	134	86	86	36
GWD3020-CHA-D03572	3.572	9/64"	6	134	86	86	36
GWD3020-CHA-D03969	3.969	5/32"	6	134	86	86	36
GWD3020-CHA-D04000	4		6	134	86	86	36
GWD3020-CHA-D04500	4.5		6	158	110	110	36
GWD3020-CHA-D04763	4.763	3/16"	6	158	110	110	36
GWD3020-CHA-D04800	4.8		6	158	110	110	36
GWD3020-CHA-D05000	5		6	158	110	110	36
GWD3020-CHA-D05500	5.5		6	170	123	123	36
GWD3020-CHA-D05556	5.556	7/32"	6	182	135	135	36
GWD3020-CHA-D05800	5.8		6	182	135	135	36
GWD3020-CHA-D06000	6		6	182	135	135	36
GWD3020-CHA-D06100	6.1		8	200	151	151	36
GWD3020-CHA-D06350	6.35	1/4"	8	200	151	151	36
GWD3020-CHA-D06500	6.5		8	200	151	151	36
GWD3020-CHA-D06800	6.8		8	200	151	151	36
GWD3020-CHA-D07000	7		8	200	151	151	36
GWD3020-CHA-D07144	7.144	9/32"	8	222	172	172	36
GWD3020-CHA-D07400	7.4		8	222	172	172	36
GWD3020-CHA-D07500	7.5		8	222	172	172	36
GWD3020-CHA-D07938	7.938	5/16"	8	222	172	172	36
GWD3020-CHA-D08000	8		8	222	172	172	36
GWD3020-CHA-D08300	8.3		10	240	184	184	40
GWD3020-CHA-D08500	8.5		10	240	184	184	40
GWD3020-CHA-D08731	8.731	11/32"	10	240	184	184	40
GWD3020-CHA-D09000	9		10	240	184	184	40
GWD3020-CHA-D09525	9.525	3/8"	10	262	205	205	40
GWD3020-CHA-D09800	9.8		10	262	205	205	40
GWD3020-CHA-D10000	10		10	262	205	205	40
GWD3020-CHA-D10200	10.2		12	289	225	225	45
GWD3020-CHA-D10319	10.319	13/32"	12	289	225	225	45
GWD3020-CHA-D11000	11		12	289	225	225	45
GWD3020-CHA-D11113	11.113	7/16"	12	311	246	246	45
GWD3020-CHA-D11500	11.5		12	311	246	246	45
GWD3020-CHA-D11800	11.8		12	311	246	246	45
GWD3020-CHA-D11906	11.906	15/32"	12	311	246	246	45
GWD3020-CHA-D12000	12		12	311	246	246	45

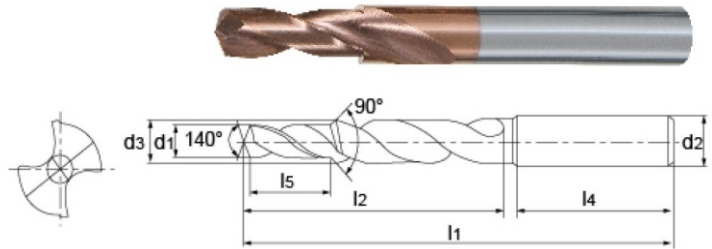
Двухступенчатое сверло для отверстия под резьбу

AlTiN
nano

3D



P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Артикул	M	d1(h7)	d2(h6)	d3	l1	l2	l4	l5
GWD-DSA03-M4	M4	3.30	6.00	6.00	66	28	36.0	11.4
GWD-DSA03-M5	M5	4.20	6.00	6.00	66	28	36.0	13.6
GWD-DSA03-M6	M6	5.00	8.00	8.00	79	41	36.0	16.5
GWD-DSA03-M8	M8	6.80	10.00	10.00	89	47	40.0	21.0
GWD-DSA03-M10	M10	8.50	12.00	12.00	102	55	45.0	25.5
GWD-DSA03-M12	M12	10.25	14.00	14.00	107	60	45.0	30.0
GWD-DSA03-M14	M14	12.00	16.00	16.00	115	65	48.0	34.5

Артикул	M	d1(h7)	d2(h6)	d3	l1	l2	l4	l5
GWD-DSA03-M16	M16	14.00	18.00	18.00	123	73	48.0	38.5
GWD-DSA03-M8x1.0	MBX1	7.00	10.00	9.80	89	47	40.0	21.0
GWD-DSA03-M10x1.0	M10X1	9.00	12.00	12.00	102	55	45.0	25.5
GWD-DSA03-M12x1.5	M12X1.5	10.50	14.00	14.00	107	60	45.0	30.0
GWD-DSA03-M14x1.5	M14X1.5	12.50	16.00	16.00	115	65	48.0	34.5
GWD-DSA03-M16x1.5	M16X1.5	14.50	18.00	18.00	123	73	48.0	38.5

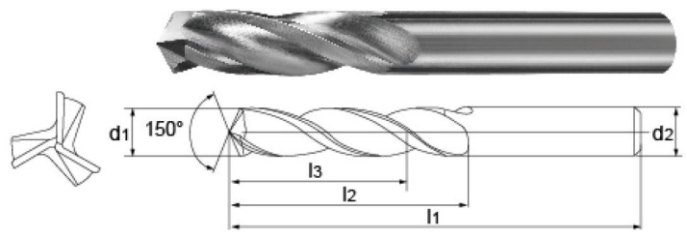
Расточное сверло

AlTiN

3D



P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Артикул	d1(h7)	d2(h6)	l1	l2	l3
GWD5203-NYZ-D0300	3.00	3.00	46	16	12
GWD5203-NYZ-D0310	3.10	3.10	49	18	14
GWD5203-NYZ-D0320	3.20	3.20	49	18	14
GWD5203-NYZ-D0330	3.30	3.30	49	18	14
GWD5203-NYZ-D0340	3.40	3.40	52	20	15
GWD5203-NYZ-D0350	3.50	3.50	52	20	15
GWD5203-NYZ-D0360	3.60	3.60	52	20	15
GWD5203-NYZ-D0370	3.70	3.70	52	20	15
GWD5203-NYZ-D0380	3.80	3.80	55	22	17
GWD5203-NYZ-D0400	4.00	4.00	55	22	17
GWD5203-NYZ-D0410	4.10	4.10	55	22	17
GWD5203-NYZ-D0420	4.20	4.20	55	22	17
GWD5203-NYZ-D0450	4.50	4.50	58	24	18
GWD5203-NYZ-D0480	4.80	4.80	62	26	20
GWD5203-NYZ-D0500	5.00	5.00	62	26	20

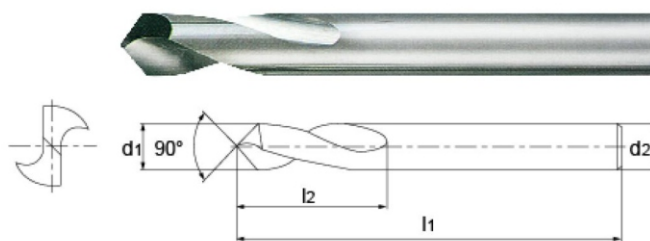
Артикул	d1(h7)	d2(h6)	l1	l2	l3
GWD5203-NYZ-D0510	5.10	5.10	62	26	20
GWD5203-NYZ-D0520	5.20	5.20	62	26	20
GWD5203-NYZ-D0530	5.30	5.30	62	26	20
GWD5203-NYZ-D0550	5.50	5.50	66	28	21
GWD5203-NYZ-D0580	5.80	5.80	66	28	21
GWD5203-NYZ-D0600	6.00	6.00	66	28	21
GWD5203-NYZ-D0610	6.10	6.10	70	31	23
GWD5203-NYZ-D0620	6.20	6.20	70	31	23
GWD5203-NYZ-D0640	6.40	6.40	70	31	23
GWD5203-NYZ-D0650	6.50	6.50	70	31	23
GWD5203-NYZ-D0670	6.70	6.70	70	31	23
GWD5203-NYZ-D0680	6.80	6.80	74	34	25
GWD5203-NYZ-D0700	7.00	7.00	74	34	25
GWD5203-NYZ-D0710	7.10	7.10	74	34	25
GWD5203-NYZ-D0740	7.40	7.40	74	34	25

Центровочное сверло 90°/120°

AlTiN



P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
○		○	○	



Артикул	d1(h6)	d2(h6)	l1	l2
GWD9100 090 D0500	5.00	5.00	62	10
GWD9100-090-D0600	6.00	6.00	66	15
GWD9100-090-D0800	8.00	8.00	79	17
GWD9100-090-D100	10.00	10.00	89	20

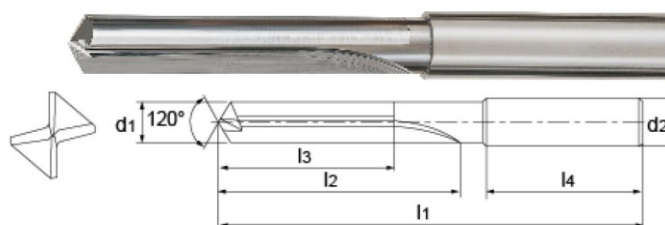
Артикул	d1(h7)	d2(h6)	l1	l2
GWD9100 090 D1200	12.00	12.00	102	25
GWD9100-090-D1400	14.00	14.00	107	30
GWDS100-090-D1600	16.00	16.00	115	35
GWD9100-090-D2000	20.00	20.00	131	40

Центровочное сверло с прямой конавкой

5D



P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
		○	○	

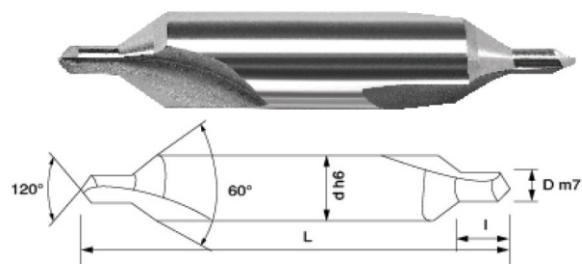


Артикул	d1(k6)	M	d2(h6)	l1	l2	l3	l4
GWD7305-NHA-D0400	4.00		6.00	74	36	29	36
GWD7305-NHA-D0420	4.20	M5	6.00	74	36	29	36
GWD7305-NHA-D0500	5.00	M6	6.00	82	44	35	36
GWD7305-NHA-D0600	6.00		6.00	82	44	35	36
GWD7305-NHA-D0680	6.80	M8	8.00	91	53	43	36
GWD7305-NHA-D0700	7.00	M8X1	8.00	91	53	43	36
GWD7305-NHA-D0800	8.00		8.00	91	53	43	36
GWD7305-NHA-D0850	8.50	M10	10.00	103	61	49	40
GWD7305-NHA-D0900	9.00	M10X1	10.00	103	61	49	40
GWD7305-NHA-D1000	10.00		10.00	103	61	49	40
GWD7305-NHA-D1025	10.25	M12	12.00	118	71	56	45
GWD7305-NHA-D1100	11.00		12.00	118	71	56	45

Артикул	d1(k6)	M	d2(h6)	l1	l2	l3	l4
GWD7305-NHA-D1200	12.00	M14	12.00	118	71	6	45
GWD7305-NHA-D1300	13.00		14.00	124	77	60	45
GWD7305-NHA-D1400	14.00	M16	14.00	124	77	60	45
GWD7305-NHA-D1500	15.00		16.00	133	83	63	48
GWD7305-NHA-D1550	15.50		16.00	133	83	63	48
GWD7305-NHA-D1600	16.00		16.00	133	83	63	48
GWD7305-NHA-D1700	17.00		18.00	143	93	71	48
GWD7305-NHA-D1750	17.50		18.00	143	93	71	48
GWD7305-NHA-D1800	18.00		18.00	143	93	71	48
GWD7305-NHA-D1950	19.50		20.00	153	101	77	50
GWD7305-NHA-D2000	20.00		20.00	153	101	77	50

Сверло центровачное

P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
○	○	○	○	○

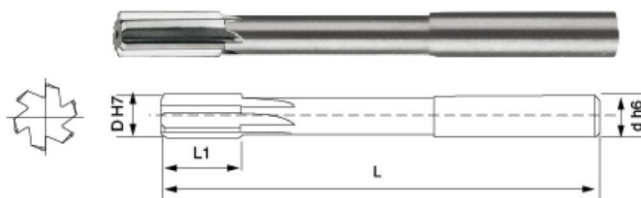


Артикул	D m7	l	d h6	L
050D0200	2.0	2.5	5.0	50
063D0250	2.5	3.1	6.0	60
080D0315	3.15	3.9	8.0	70

Артикул	D m7	l	d h6	L
100D0400	4.0	5.0	10.0	80
120D0500	5.0	6.3	12.0	80
160D0630	6.3	8.0	16.0	80

Развёртка прямая

P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
○	○	○	○	○

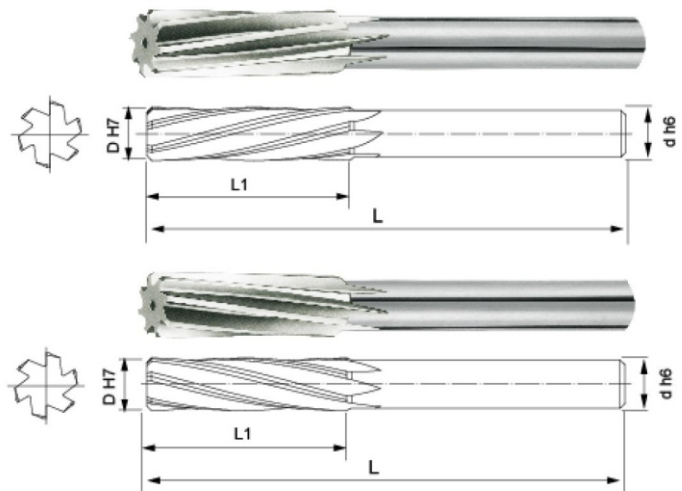


Артикул	D m7	l	d h6	L
ZC-0500	5.00	22	4.00	63
ZC-0550	5.50	22	5.00	63
ZC-0600	6.00	22	5.00	63
ZC-0650	6.50	22	5.00	63
ZC-0700	7.00	25	6.00	71
ZC-0750	7.50	25	6.00	71
ZC-0800	8.00	25	6.00	71
ZC-0850	8.50	25	8.00	71
ZC-0900	9.00	25	8.00	71
ZC-0950	9.50	25	8.00	71
ZC-1000	10.00	25	8.00	71
ZC-1050	10.50	28	10.00	80
ZC-1100	11.00	28	10.00	80
ZC-1150	11.50	28	10.00	80
ZC-1200	12.00	28	10.00	80
ZC-1250	12.50	28	10.00	80

Артикул	D m7	l	d h6	L
ZC-1300	13.00	28	10.00	80
ZC-1350	13.50	32	12.50	90
ZC-1400	14.00	32	12.50	90
ZC-1450	14.50	32	12.50	80
ZC-1500	15.00	32	12.50	90
ZC-1550	15.50	32	12.50	90
ZC-1600	16.00	32	12.50	90
ZC-1650	16.50	32	12.50	90
ZC-1700	17.00	32	16.00	90
ZC-1750	17.50	36	16.00	100
ZC-1800	18.00	36	16.00	100
ZC-1850	18.50	36	16.00	100
ZC-1900	19.00	36	16.00	100
ZC-1950	19.50	36	16.00	100
ZC-2000	20.00	36	16.00	100

Развёртка спиральная

P	M	K	N	S
Сталь	Нержав. сталь	Чугун	Цветные сплавы	Жаропрочные сплавы
○	○	○		○



Артикул	D(H7)	L1	d(h6)	L
L/R-0500	5.00	22	4.00	63
L/R-0550	5.50	22	5.00	63
L/R-0600	6.00	22	5.00	63
L/R-0650	6.50	22	5.00	63
L/R-0700	7.00	25	6.00	71
L/R-0750	7.50	25	6.00	71
L/R-0800	8.00	25	6.00	71
L/R-0850	8.50	25	8.00	71
L/R-0900	9.00	25	8.00	71
L/R-0950	9.50	25	8.00	71
LR-1000	10.00	25	8.00	71
L/R 1050	10.50	28	10.00	80
L/R-1100	11.00	28	10.00	80
L/R-1150	11.50	28	10.00	80
L/R-1200	12.00	28	10.00	80
L/R-1250	12.50	28	10.00	80
L/R-1300	13.00	28	10.00	80
L/R-1350	13.50	32	12.50	90
L/R-1400	14.00	32	12.50	90
L/R 1450	14.50	32	12.50	80
L/R-1500	15.00	32	12.50	90
L/R-1550	15.50	32	12.50	90
L/R-1600	16.00	32	12.50	90
L/R-1650	16.50	32	12.50	90
L/R-1700	17.00	32	16.00	90
L/R-1750	17.50	36	16.00	100
L/R-1800	18.00	36	16.00	100
L/R 1850	18.50	36	16.00	100
L/R-1900	19.00	36	16.00	100
L/R-1950	19.50	36	16.00	100
L/R-2000	20.00	36	16.00	100