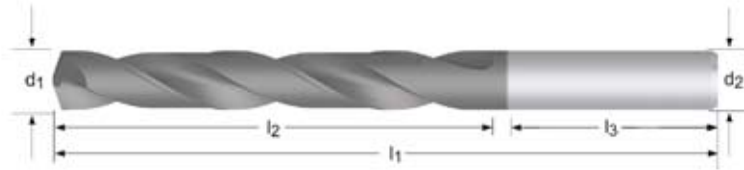


- MP-X Drill Long
- MP-X Spiralbohrer, lang
- MP-X Spiraalboren, lang
- Foret MP-X série longue
- Broca MP-X, serie larga
- Broca MP-X Longa



R454



HM

TiAlN

DIN 6537 L



<5XD



- 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 6.1 6.2 6.3 7.1 7.2 7.3 7.4
- 4.1 4.2 4.3 6.4

d ₁ Ø	d ₁ Ø	d ₁ decimal	l ₂	l ₁	l ₃	d ₂ Ø	e-Code
Inch	mm	Inch	mm	mm	mm	mm	
1/8	3.00	0.1181	28	66	36	6	R4543.0
	3.10	0.1220	28	66	36	6	R4543.1
	3.17	0.1250	28	66	36	6	R4541/8
	3.20	0.1260	28	66	36	6	R4543.2
	3.30	0.1299	28	66	36	6	R4543.3
9/64	3.40	0.1339	28	66	36	6	R4543.4
	3.50	0.1378	28	66	36	6	R4543.5
	3.57	0.1406	28	66	36	6	R4549/64
	3.60	0.1417	28	66	36	6	R4543.6
	3.70	0.1457	28	66	36	6	R4543.7
5/32	3.80	0.1496	36	74	36	6	R4543.8
	3.90	0.1535	36	74	36	6	R4543.9
	3.97	0.1563	36	74	36	6	R4545/32
	4.00	0.1575	36	74	36	6	R4544.0
	4.10	0.1614	36	74	36	6	R4544.1
11/64	4.20	0.1654	36	74	36	6	R4544.2
	4.30	0.1693	36	74	36	6	R4544.3
	4.37	0.1720	36	74	36	6	R45411/64
	4.40	0.1732	36	74	36	6	R4544.4
	4.50	0.1772	36	74	36	6	R4544.5
3/16	4.60	0.1811	36	74	36	6	R4544.6
	4.70	0.1850	36	74	36	6	R4544.7
	4.76	0.1874	44	82	36	6	R4543/16
	4.80	0.1890	44	82	36	6	R4544.8
	4.90	0.1929	44	82	36	6	R4544.9
13/64	5.00	0.1969	44	82	36	6	R4545.0
	5.10	0.2008	44	82	36	6	R4545.1
	5.16	0.2031	44	82	36	6	R45413/64
	5.20	0.2047	44	82	36	6	R4545.2
	5.50	0.2165	44	82	36	6	R4545.5
7/32	5.56	0.2189	44	82	36	6	R4547/32
	5.60	0.2205	44	82	36	6	R4545.6
	5.70	0.2244	44	82	36	6	R4545.7
	5.80	0.2283	44	82	36	6	R4545.8
	5.95	0.2343	44	82	36	6	R45415/64
15/64	6.00	0.2362	44	82	36	6	R4546.0
	6.10	0.2402	53	91	36	8	R4546.1
	6.20	0.2441	53	91	36	8	R4546.2
	6.30	0.2480	53	91	36	8	R4546.3
	6.35	0.2500	53	91	36	8	R4541/4
1/4	6.40	0.2520	53	91	36	8	R4546.4
	6.50	0.2559	53	91	36	8	R4546.5
	6.60	0.2598	53	91	36	8	R4546.6
	6.70	0.2638	53	91	36	8	R4546.7

d ₁ Ø	d ₁ Ø	d ₁ decimal	l ₂	l ₁	l ₃	d ₂ Ø	e-Code
Inch	mm	Inch	mm	mm	mm	mm	
17/64	6.75	0.2657	53	91	36	8	R45417/64
	6.80	0.2677	53	91	36	8	R4546.8
	6.90	0.2717	53	91	36	8	R4546.9
	7.00	0.2756	53	91	36	8	R4547.0
	7.10	0.2795	53	91	36	8	R4547.1
9/32	7.14	0.2811	53	91	36	8	R4549/32
	7.30	0.2874	53	91	36	8	R4547.3
	7.40	0.2913	53	91	36	8	R4547.4
	7.50	0.2953	53	91	36	8	R4547.5
	7.54	0.2969	53	91	36	8	R45419/64
19/64	7.60	0.2992	53	91	36	8	R4547.6
	7.70	0.3031	53	91	36	8	R4547.7
	7.80	0.3071	53	91	36	8	R4547.8
	7.90	0.3110	53	91	36	8	R4547.9
	7.94	0.3126	53	91	36	8	R4545/16
5/16	8.00	0.3150	53	91	36	8	R4548.0
	8.10	0.3189	61	103	40	10	R4548.1
	8.20	0.3228	61	103	40	10	R4548.2
	8.33	0.3280	61	103	40	10	R45421/64
	8.40	0.3307	61	103	40	10	R4548.4
21/64	8.50	0.3346	61	103	40	10	R4548.5
	8.60	0.3386	61	103	40	10	R4548.6
	8.70	0.3425	61	103	40	10	R4548.7
	8.73	0.3437	61	103	40	10	R45411/32
	8.80	0.3465	61	103	40	10	R4548.8
11/32	8.90	0.3504	61	103	40	10	R4548.9
	9.00	0.3543	61	103	40	10	R4549.0
	9.10	0.3583	61	103	40	10	R4549.1
	9.13	0.3594	61	103	40	10	R45423/64
	9.30	0.3661	61	103	40	10	R4549.3
23/64	9.40	0.3700	61	103	40	10	R4549.4
	9.50	0.3740	61	103	40	10	R4549.5
	9.52	0.3748	61	103	40	10	R4543/8
	9.60	0.3780	61	103	40	10	R4549.6
	9.70	0.3819	61	103	40	10	R4549.7
3/8	9.80	0.3858	61	103	40	10	R4549.8
	9.90	0.3898	61	103	40	10	R4549.9
	9.92	0.3906	61	103	40	10	R45425/64
	10.00	0.3937	61	103	40	10	R45410.0
	10.10	0.3976	70	118	45	12	R45410.1
25/64	10.20	0.4016	70	118	45	12	R45410.2
	10.30	0.4055	70	118	45	12	R45410.3
	10.32	0.4063	70	118	45	12	R45413/32
	10.40	0.4094	70	118	45	12	R45410.4

R454



d_1 Ø	d_1 Ø	d_1 decimal	l_2	l_1	l_3	d_2 Ø	e-Code	d_1 Ø	d_1 Ø	d_1 decimal	l_2	l_1	l_3	d_2 Ø	e-Code
Inch	mm	Inch	mm	mm	mm	mm		Inch	mm	Inch	mm	mm	mm	mm	
	10.50	0.4134	70	118	45	12	R45410.5	37/64	14.68	0.5780	82	133	48	16	R45437/64
	10.60	0.4173	70	118	45	12	R45410.6		14.80	0.5827	82	133	48	16	R45414.8
27/64	10.72	0.4220	70	118	45	12	R45427/64		15.00	0.5906	82	133	48	16	R45415.0
	11.00	0.4331	70	118	45	12	R45411.0	19/32	15.08	0.5937	82	133	48	16	R45419/32
7/16	11.11	0.4374	70	118	45	12	R4547/16		15.10	0.5945	82	133	48	16	R45415.1
	11.20	0.4409	70	118	45	12	R45411.2	39/64	15.48	0.6094	82	133	48	16	R45439/64
	11.40	0.4488	70	118	45	12	R45411.4		15.50	0.6102	82	133	48	16	R45415.5
	11.50	0.4528	70	118	45	12	R45411.5		15.80	0.6220	82	133	48	16	R45415.8
29/64	11.51	0.4531	70	118	45	12	R45429/64	5/8	15.88	0.6252	82	133	48	16	R4545/8
	11.60	0.4567	70	118	45	12	R45411.6		16.00	0.6299	82	133	48	16	R45416.0
	11.80	0.4646	70	118	45	12	R45411.8	41/64	16.27	0.6406	91	143	48	18	R45441/64
15/32	11.91	0.4689	70	118	45	12	R45415/32		16.50	0.6496	91	143	48	18	R45416.5
	12.00	0.4724	70	118	45	12	R45412.0	21/32	16.67	0.6563	91	143	48	18	R45421/32
	12.10	0.4764	76	124	45	14	R45412.1		17.00	0.6693	91	143	48	18	R45417.0
	12.20	0.4803	76	124	45	14	R45412.2	43/64	17.07	0.6720	91	143	48	18	R45443/64
31/64	12.30	0.4843	76	124	45	14	R45431/64	11/16	17.46	0.6874	91	143	48	18	R45411/16
	12.50	0.4921	76	124	45	14	R45412.5		17.50	0.6890	91	143	48	18	R45417.5
	12.70	0.5000	76	124	45	14	R45412.7		17.80	0.7008	91	143	48	18	R45417.8
1/2	12.70	0.5000	76	124	45	14	R4541/2	45/64	17.86	0.7031	91	143	48	18	R45445/64
	12.80	0.5039	76	124	45	14	R45412.8		18.00	0.7087	91	143	48	18	R45418.0
	13.00	0.5118	76	124	45	14	R45413.0	23/32	18.26	0.7189	99	153	50	20	R45423/32
33/64	13.10	0.5157	76	124	45	14	R45433/64		18.50	0.7283	99	153	50	20	R45418.5
17/32	13.49	0.5311	76	124	45	14	R45417/32	47/64	18.65	0.7343	99	153	50	20	R45447/64
	13.50	0.5315	76	124	45	14	R45413.5		19.00	0.7480	99	153	50	20	R45419.0
	13.80	0.5433	76	124	45	14	R45413.8	3/4	19.05	0.7500	99	153	50	20	R4543/4
35/64	13.89	0.5469	76	124	45	14	R45435/64		19.50	0.7677	99	153	50	20	R45419.5
	14.00	0.5512	76	124	45	14	R45414.0		19.80	0.7795	99	153	50	20	R45419.8
	14.25	0.5610	82	133	48	16	R45414.25		20.00	0.7874	99	153	50	20	R45420.0
9/16	14.29	0.5626	82	133	48	16	R4549/16								
	14.50	0.5709	82	133	48	16	R45414.5								