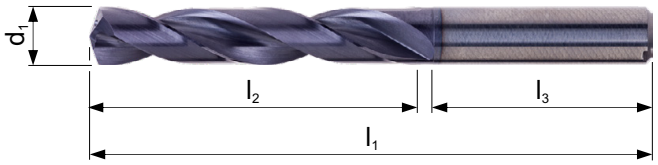
R463 • Force M Drill Oil Feed 5×D

R463 ▪ 2.1 2.2 2.3 2.4 4.1 4.2 4.3
• 5.1 5.2 5.3

R463 HM | DIN 6537 L | 5XD | 140° | TiAlN | DIN 6535HA | CTW™



R463

NEW



FORCE M
3.00 - 16.00

d_1 Ø "/Nr./letter	d_1 Øm_7 mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Øh_6 mm	R463
	3.00	0.1181	28	66	36	6	R4633.0
	3.10	0.1220	28	66	36	6	R4633.1
1/8	3.18	0.1250	28	66	36	6	R4631/8
	3.20	0.1260	28	66	36	6	R4633.2
	3.30	0.1299	28	66	36	6	R4633.3
	3.40	0.1339	28	66	36	6	R4633.4
29	3.45	0.1360	28	66	36	6	R463N29
	3.50	0.1378	28	66	36	6	R4633.5
9/64	3.57	0.1406	28	66	36	6	R4639/64
	3.60	0.1417	28	66	36	6	R4633.6
	3.70	0.1457	28	66	36	6	R4633.7
	3.80	0.1496	36	74	36	6	R4633.8
	3.90	0.1535	36	74	36	6	R4633.9
5/32	3.97	0.1563	36	74	36	6	R4635/32
	4.00	0.1575	36	74	36	6	R4634.0
	4.05	0.1594	36	74	36	6	R4634.05
	4.10	0.1614	36	74	36	6	R4634.1
	4.20	0.1654	36	74	36	6	R4634.2
	4.30	0.1693	36	74	36	6	R4634.3
11/64	4.37	0.1719	36	74	36	6	R46311/64
	4.40	0.1732	36	74	36	6	R4634.4
	4.50	0.1772	36	74	36	6	R4634.5
	4.60	0.1811	36	74	36	6	R4634.6
	4.70	0.1850	36	74	36	6	R4634.7
3/16	4.76	0.1875	44	82	36	6	R4633/16
	4.80	0.1890	44	82	36	6	R4634.8
	4.90	0.1929	44	82	36	6	R4634.9
	5.00	0.1969	44	82	36	6	R4635.0
	5.05	0.1988	44	82	36	6	R4635.05
	5.10	0.2008	44	82	36	6	R4635.1
7	5.11	0.2010	44	82	36	6	R463N7
13/64	5.16	0.2031	44	82	36	6	R46313/64
	5.20	0.2047	44	82	36	6	R4635.2
5	5.22	0.2055	44	82	36	6	R463N5
	5.30	0.2087	44	82	36	6	R4635.3
	5.40	0.2126	44	82	36	6	R4635.4
	5.50	0.2165	44	82	36	6	R4635.5
7/32	5.56	0.2188	44	82	36	6	R4637/32
	5.60	0.2205	44	82	36	6	R4635.6
	5.70	0.2244	44	82	36	6	R4635.7

d_1 Ø "/Nr./letter	d_1 Øm_7 mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Øh_6 mm	R463
	5.80	0.2283	44	82	36	6	R4635.8
	5.90	0.2323	44	82	36	6	R4635.9
15/64	5.95	0.2344	44	82	36	6	R46315/64
	6.00	0.2362	44	82	36	6	R4636.0
	6.05	0.2382	53	91	36	8	R4636.05
	6.10	0.2402	53	91	36	8	R4636.1
	6.20	0.2441	53	91	36	8	R4636.2
	6.30	0.2480	53	91	36	8	R4636.3
1/4	6.35	0.2500	53	91	36	8	R4631/4
	6.40	0.2520	53	91	36	8	R4636.4
	6.50	0.2559	53	91	36	8	R4636.5
	6.60	0.2598	53	91	36	8	R4636.6
	6.70	0.2638	53	91	36	8	R4636.7
17/64	6.75	0.2656	53	91	36	8	R46317/64
	6.80	0.2677	53	91	36	8	R4636.8
	6.90	0.2717	53	91	36	8	R4636.9
	7.00	0.2756	53	91	36	8	R4637.0
	7.10	0.2795	53	91	36	8	R4637.1
9/32	7.14	0.2813	53	91	36	8	R4639/32
	7.20	0.2835	53	91	36	8	R4637.2
	7.30	0.2874	53	91	36	8	R4637.3
	7.40	0.2913	53	91	36	8	R4637.4
	7.50	0.2953	53	91	36	8	R4637.5
19/64	7.54	0.2969	53	91	36	8	R46319/64
	7.60	0.2992	53	91	36	8	R4637.6
	7.70	0.3031	53	91	36	8	R4637.7
	7.80	0.3071	53	91	36	8	R4637.8
	7.90	0.3110	53	91	36	8	R4637.9
5/16	7.94	0.3125	53	91	36	8	R4635/16
	8.00	0.3150	53	91	36	8	R4638.0
	8.05	0.3169	61	103	40	10	R4638.05
	8.10	0.3189	61	103	40	10	R4638.1
	8.20	0.3228	61	103	40	10	R4638.2
	8.30	0.3268	61	103	40	10	R4638.3
21/64	8.33	0.3281	61	103	40	10	R46321/64
	8.40	0.3307	61	103	40	10	R4638.4
	8.50	0.3346	61	103	40	10	R4638.5
	8.60	0.3386	61	103	40	10	R4638.6
	8.70	0.3425	61	103	40	10	R4638.7
11/32	8.73	0.3438	61	103	40	10	R46311/32
	8.80	0.3465	61	103	40	10	R4638.8
	8.90	0.3504	61	103	40	10	R4638.9
	9.00	0.3543	61	103	40	10	R4639.0
	9.10	0.3583	61	103	40	10	R4639.1
23/64	9.13	0.3594	61	103	40	10	R46323/64
	9.20	0.3622	61	103	40	10	R4639.2
	9.30	0.3661	61	103	40	10	R4639.3
	9.40	0.3701	61	103	40	10	R4639.4
	9.50	0.3740	61	103	40	10	R4639.5
3/8	9.53	0.3750	61	103	40	10	R4633/8
	9.60	0.3780	61	103	40	10	R4639.6
	9.70	0.3819	61	103	40	10	R4639.7
	9.80	0.3858	61	103	40	10	R4639.8
	9.90	0.3898	61	103	40	10	R4639.9
25/64	9.92	0.3906	61	103	40	10	R46325/64
	10.00	0.3937	61	103	40	10	R46310.0
	10.05	0.3957	70	118	45	12	R46310.05
	10.10	0.3976	70	118	45	12	R46310.1
	10.20	0.4016	70	118	45	12	R46310.2
	10.30	0.4055	70	118	45	12	R46310.3
13/32	10.32	0.4063	70	118	45	12	R46313/32
	10.40	0.4094	70	118	45	12	R46310.4
	10.50	0.4134	70	118	45	12	R46310.5
	10.60	0.4173	70	118	45	12	R46310.6
27/64	10.72	0.4219	70	118	45	12	R46327/64
	10.80	0.4252	70	118	45	12	R46310.8
	10.90	0.4291	70	118	45	12	R46310.9
	11.00	0.4331	70	118	45	12	R46311.0
7/16	11.11	0.4375	70	118	45	12	R4637/16
	11.20	0.4409	70	118	45	12	R46311.2
	11.30	0.4449	70	118	45	12	R46311.3

DORMER

d_1 Ø "/Nr./letter	d_1 Øm_7 mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Øh_6 mm	R463
	11.40	0.4488	70	118	45	12	R46311.4
	11.50	0.4528	70	118	45	12	R46311.5
29/64	11.51	0.4531	70	118	45	12	R46329/64
	11.60	0.4567	70	118	45	12	R46311.6
	11.80	0.4646	70	118	45	12	R46311.8
15/32	11.91	0.4688	70	118	45	12	R46315/32
	12.00	0.4724	70	118	45	12	R46312.0
	12.05	0.4744	76	124	45	14	R46312.05
	12.20	0.4803	76	124	45	14	R46312.2
31/64	12.30	0.4844	76	124	45	14	R46331/64
	12.50	0.4921	76	124	45	14	R46312.5
	12.70	0.5000	76	124	45	14	R46312.7
1/2	12.70	0.5000	76	124	45	14	R4631/2
	12.80	0.5039	76	124	45	14	R46312.8
	13.00	0.5118	76	124	45	14	R46313.0
33/64	13.10	0.5156	76	124	45	14	R46333/64
	13.30	0.5236	76	124	45	14	R46313.3
17/32	13.49	0.5313	76	124	45	14	R46317/32
	13.50	0.5315	76	124	45	14	R46313.5
	13.80	0.5433	76	124	45	14	R46313.8
35/64	13.89	0.5469	76	124	45	14	R46335/64
	14.00	0.5512	76	124	45	14	R46314.0
	14.25	0.5610	82	133	48	16	R46314.25
9/16	14.29	0.5625	82	133	48	16	R4639/16
	14.50	0.5709	82	133	48	16	R46314.5
37/64	14.68	0.5781	82	133	48	16	R46337/64
	14.80	0.5827	82	133	48	16	R46314.8
	15.00	0.5906	82	133	48	16	R46315.0
19/32	15.08	0.5938	82	133	48	16	R46319/32
	15.10	0.5945	82	133	48	16	R46315.1
	15.30	0.6024	82	133	48	16	R46315.3
39/64	15.48	0.6094	82	133	48	16	R46339/64
	15.50	0.6102	82	133	48	16	R46315.5
	15.80	0.6220	82	133	48	16	R46315.8
5/8	15.88	0.6250	82	133	48	16	R4635/8
	16.00	0.6299	82	133	48	16	R46316.0