

SIRIUS 200 CARBIDE DRILL (3xD) Short length series

Ø	Shank	Overall Length	Flute Length	Price £ each	Ø	Shank	Overall Length	Flute Length	Price £ each	Ø	Shank	Overall Length	Flute Length	Price £ each
3,0	6	62	20	41.79	7,3	8	79	41	55.33	11,6	12	102	55	92.61
3,1	6	62	20	41.79	7,4	8	79	41	55.33	11,7	12	102	55	92.61
3,2	6	62	20	41.79	7,5	8	79	41	55.33	11,8	12	102	55	92.61
3,3	6	62	20	41.79	7,55	8	79	41	55.33	11,9	12	102	55	92.61
3,4	6	62	20	41.79	7,6	8	79	41	55.33	12,0	12	102	55	92.61
3,5	6	62	20	41.79	7,7	8	79	41	55.33	12,1	14	107	60	133.70
3,6	6	62	20	41.79	7,8	8	79	41	55.33	12,2	14	107	60	133.70
3,7	6	62	20	41.79	7,9	8	79	41	55.33	12,3	14	107	60	133.70
3,8	6	66	24	41.79	8,0	8	79	41	55.33	12,4	14	107	60	133.70
3,9	6	66	24	41.79	8,1	10	89	47	66.62	12,5	14	107	60	133.70
4,0	6	66	24	41.79	8,2	10	89	47	66.62	12,6	14	107	60	133.70
4,1	6	66	24	41.79	8,3	10	89	47	66.62	12,7	14	107	60	133.70
4,2	6	66	24	41.79	8,4	10	89	47	66.62	12,8	14	107	60	133.70
4,3	6	66	24	41.79	8,5	10	89	47	66.62	12,9	14	107	60	133.70
4,4	6	66	24	41.79	8,6	10	89	47	66.62	13,0	14	107	60	133.70
4,5	6	66	24	41.79	8,7	10	89	47	66.62	13,1	14	107	60	133.70
4,6	6	66	24	41.79	8,8	10	89	47	66.62	13,2	14	107	60	133.70
4,65	6	66	24	41.79	8,9	10	89	47	66.62	13,3	14	107	60	133.70
4,7	6	66	24	41.79	9,0	10	89	47	66.62	13,4	14	107	60	133.70
4,8	6	66	28	41.79	9,1	10	89	47	66.62	13,5	14	107	60	133.70
4,9	6	66	28	41.79	9,2	10	89	47	66.62	13,6	14	107	60	133.70
5,0	6	66	28	41.79	9,3	10	89	47	66.62	13,7	14	107	60	133.70
5,1	6	66	28	41.79	9,4	10	89	47	66.62	13,8	14	107	60	133.70
5,2	6	66	28	41.79	9,5	10	89	47	66.62	13,9	14	107	60	133.70
5,3	6	66	28	41.79	9,55	10	89	47	66.62	14,0	14	107	60	133.70
5,4	6	66	28	41.79	9,6	10	89	47	66.62	14,1	16	115	65	168.26
5,5	6	66	28	41.79	9,7	10	89	47	66.62	14,2	16	115	65	168.26
5,55	6	66	28	41.79	9,8	10	89	47	66.62	14,3	16	115	65	168.26
5,6	6	66	28	41.79	9,9	10	89	47	66.62	14,4	16	115	65	168.26
5,7	6	66	28	41.79	10,0	10	89	47	66.62	14,5	16	115	65	168.26
5,8	6	66	28	41.79	10,1	12	102	55	92.61	14,6	16	115	65	168.26
5,9	6	66	28	41.79	10,2	12	102	55	92.61	14,7	16	115	65	168.26
6,0	6	66	28	41.79	10,25	12	102	55	92.61	14,8	16	115	65	168.26
6,1	8	79	34	55.33	10,3	12	102	55	92.61	14,9	16	115	65	168.26
6,2	8	79	34	55.33	10,4	12	102	55	92.61	15,0	16	115	65	168.26
6,3	8	79	34	55.33	10,5	12	102	55	92.61	15,1	16	115	65	168.26
6,4	8	79	34	55.33	10,6	12	102	55	92.61	15,2	16	115	65	168.26
6,5	8	79	34	55.33	10,7	12	102	55	92.61	15,25	16	115	65	168.26
6,6	8	79	34	55.33	10,8	12	102	55	92.61	15,3	16	115	65	168.26
6,7	8	79	34	55.33	10,9	12	102	55	92.61	15,4	16	115	65	168.26
6,75	8	79	34	55.33	11,0	12	102	55	92.61	15,5	16	115	65	168.26
6,8	8	79	34	55.33	11,1	12	102	55	92.61	15,6	16	115	65	168.26
6,9	8	79	34	55.33	11,2	12	102	55	92.61	15,7	16	115	65	168.26
7,0	8	79	34	55.33	11,3	12	102	55	92.61	15,8	16	115	65	168.26
7,1	8	79	41	55.33	11,4	12	102	55	92.61	15,9	16	115	65	168.26
7,2	8	79	41	55.33	11,5	12	102	55	92.61	16,0	16	115	65	168.26



DIN 6537K Solid

The **Sirius™** drill is based on a bespoke grade of carbide made exclusively for Perfor. This material combines a special chemical composition with "Nano-grade" (sub-sub Micron) grain size, giving exceptional toughness and high wear resistance. Specifically designed for difficult to machine alloys.

	Unalloyed Steel	Heat Treatable Steel	Heat Treatable Steel		Stainless Steel		Special Nickel & Titanium		Short Chipping	Long Chipping	Cast Iron & SG Iron	
	200-400 N/mm²	400-900 N/mm²	900-1400 N/mm²	Tool Steels 40 – 50 HRC	Ferric & Martensitic	Austenitic	700-900 N/mm²	900-1600 N/mm²	Non-ferrous Alloys	Non-ferrous Alloys	Short Chipping	Malleable
Cutting speed	80 M/min	80 M/min	70 M/min	50 M/min	45 M/min	30 M/min	25 M/min	20 M/min	150 M/min	120 M/min	90 M/min	50 M/min
Feed rate mm/rev	ø3	0.08	0.08	0.08	0.05	0.04	0.02	0.02	0.08	0.08	0.06	0.05
	ø4	0.10	0.10	0.10	0.06	0.05	0.03	0.03	0.10	0.10	0.08	0.06
	ø6	0.15	0.15	0.15	0.15	0.09	0.08	0.05	0.05	0.15	0.15	0.11
	ø8	0.20	0.20	0.20	0.20	0.12	0.10	0.06	0.06	0.20	0.20	0.15
	ø10	0.25	0.25	0.25	0.25	0.16	0.13	0.08	0.08	0.25	0.25	0.19
	ø12	0.30	0.30	0.30	0.30	0.19	0.15	0.10	0.10	0.30	0.30	0.23
	ø14	0.35	0.35	0.35	0.35	0.22	0.18	0.11	0.11	0.35	0.35	0.27
ø16	0.40	0.40	0.40	0.40	0.25	0.20	0.13	0.13	0.40	0.40	0.30	