

PRODUCT SPECIFICATION

**Carl
Kammerling**
International

Brand	C.K
Product Range	Metal drills
Catalogue number	3100, 3291, 3293
Date	02/02/2015

Range Description

A range of professional quality HSS flute ground, Split point metal drill bits

Features

- High speed steel
- 135 Degree split point design for non-wander starting
- Flute ground for accurate results
- Conforms to DIN338



T3102



T3103



T3293



T3291

Item Number	Item Description (Drill bits size = Diameter x overall length)	EAN No	Commodity code	Carton Qty
T3100 01	HSS Split Point Drill 1mm (Loose)	N/A	82075060	10
T3100 015	HSS Split Point Drill 1.5mm (Loose)	N/A	82075060	10
T3100 02	HSS Split Point Drill 2mm (Loose)	N/A	82075060	10
T3100 025	HSS Split Point Drill 2.5mm (Loose)	N/A	82075060	10
T3100 03	HSS Split Point Drill 3mm (Loose)	N/A	82075060	10
T3100 035	HSS Split Point Drill 3.5mm (Loose)	N/A	82075060	10
T3100 04	HSS Split Point Drill 4mm (Loose)	N/A	82075060	10
T3100 045	HSS Split Point Drill 4.5mm (Loose)	N/A	82075060	10
T3100 05	HSS Split Point Drill 5mm (Loose)	N/A	82075060	10
T3100 055	HSS Split Point Drill 5.5mm (Loose)	N/A	82075060	10
T3100 06	HSS Split Point Drill 6mm (Loose)	N/A	82075060	10
T3100 065	HSS Split Point Drill 6.5mm (Loose)	N/A	82075060	10
T3100 07	HSS Split Point Drill 7mm (Loose)	N/A	82075060	10
T3100 08	HSS Split Point Drill 8mm (Loose)	N/A	82075060	10
T3100 09	HSS Split Point Drill 9mm (Loose)	N/A	82075060	10
T3100 10	HSS Split Point Drill 10mm (Loose)	N/A	82075060	10

T3100 11	HSS Split Point Drill 11mm (Loose)	N/A	82075060	5
T3100 12	HSS Split Point Drill 12mm (Loose)	N/A	82075060	5
T3100 13	HSS Split Point Drill 13mm (Loose)	N/A	82075060	5
T3100 01TD	HSS Split Point Drill 1mm x2 (Carded)	5013969781205	82075060	10
T3100 015TD	HSS Split Point Drill 1.5mm x2 (Carded)	5013969781212	82075060	10
T3100 02TD	HSS Split Point Drill 2mm x2 (Carded)	5013969781229	82075060	10
T3100 025TD	HSS Split Point Drill 2.5mm x2 (Carded)	5013969781236	82075060	10
T3100 03TD	HSS Split Point Drill 3mm x2 (Carded)	5013969781243	82075060	10
T3100 035TD	HSS Split Point Drill 3.5mm x2 (Carded)	5013969781250	82075060	10
T3100 04TD	HSS Split Point Drill 4mm x2 (Carded)	5013969781267	82075060	10
T3100 045D	HSS Split Point Drill 4.5mm (Carded)	5013969781274	82075060	10
T3100 05D	HSS Split Point Drill 5mm (Carded)	5013969781281	82075060	5
T3100 055D	HSS Split Point Drill 5.5mm (Carded)	5013969781298	82075060	5
T3100 06D	HSS Split Point Drill 6mm (Carded)	5013969781427	82075060	5
T3100 065D	HSS Split Point Drill 6.5mm (Carded)	5013969781311	82075060	5
T3100 07D	HSS Split Point Drill 7mm (Carded)	5013969781328	82075060	5
T3100 08D	HSS Split Point Drill 8mm (Carded)	5013969781335	82075060	5
T3100 09D	HSS Split Point Drill 9mm (Carded)	5013969781342	82075060	5
T3100 10D	HSS Split Point Drill 10mm (Carded)	5013969781359	82075060	5
T3100 11D	HSS Split Point Drill 11mm (Carded)	5013969781366	82075060	5
T3100 12D	HSS Split Point Drill 12mm (Carded)	5013969781373	82075060	5
T3100 13D	HSS Split Point Drill 13mm (Carded)	5013969781380	82075060	5
T3101	HSS Split Point Drill Bit Set/6	5013969781397	82075060	70
T3102	HSS Split Point Drill Bit Set/13	5013969781403	82075060	70
T3103	HSS Split Point Drill Bit Set/19	5013969781410	82075060	20
T3291	Metal Drill bit set TiN coated Set of 19 (sizes 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10mm)	5013969981278	82075060	20
T3293	Metal Drill bit set TiN coated Set of 6 (sizes 2, 3, 4, 5, 6, 8mm)	5013969981285	82075060	70

Technical product information	
Standards compliance	Dimensional tolerances to DIN 338
User health and safety information	Users and bystanders are advised to wear safety goggles
RoHS/WEEE compliance	This product range does not fall within the scope of RoHS or WEEE regulations
Material safety data	None applicable
Warranty	C.K Drills are guaranteed for life against imperfect materials or workmanship

	Normal wear and tear or damage caused through inappropriate use is not covered
Country of origin	Germany

Dimensional details

Item	Product only				Product on primary packaging			
	Width mm	Depth mm	Height mm	Net weight g	Width mm	Depth mm	Height mm	Gross weight g
T3100 01	34	1	1	0.1	-	-	-	-
T3100 015	40	1.5	1.5	0.4	-	-	-	-
T3100 02	49	2	2	0.8	-	-	-	-
T3100 025	57	2.5	2.5	1.7	-	-	-	-
T3100 03	61	3	3	2.5	-	-	-	-
T3100 035	70	3.5	3.5	3.8	-	-	-	-
T3100 04	75	4	4	5.4	-	-	-	-
T3100 045	80	4,5	4,5	7.1	-	-	-	-
T3100 05	86	5,0	5,0	9.7	-	-	-	-
T3100 055	93	5,5	5,5	12.5	-	-	-	-
T3100 06	93	6,0	6,0	14.9	-	-	-	-
T3100 065	101	6.5	6.5	18.7	-	-	-	-
T3100 07	109	7	7	23.2	-	-	-	-
T3100 08	117	8	8	32.1	-	-	-	-
T3100 09	125	9	9	43.4	-	-	-	-
T3100 10	133	10	10	57.6	-	-	-	-
T3100 11	142	11	11	73.1	-	-	-	-
T3100 12	151	12	12	93.2	-	-	-	-
T3100 13	151	13	13	109.4	-	-	-	-
T3100 01TD	34	1	1	0.1	168	48	5.4	6.7
T3100 015TD	40	1.5	1.5	0.4	168	48	5.4	7.3
T3100 02TD	49	2	2	0.8	168	48	5.4	8.1
T3100 025TD	57	2.5	2.5	1.7	168	48	5.4	9.9

T3100 03TD	61	3	3	2.5	168	48	8.4	11.5
T3100 035TD	70	3.5	3.5	3.8	168	48	8.4	14.1
T3100 04TD	75	4	4	5.4	168	48	8.3	17.3
T3100 045D	80	4.5	4.5	7.1	168	48	8.3	13.6
T3100 05D	86	5	5	9.7	197	48	6.3	17.2
T3100 055D	93	5.5	5.5	12.5	197	48	7.2	20.3
T3100 06D	93	6	6	14.9	197	48	7.2	22.7
T3100 065D	101	6.5	6.5	18.7	197	48	7.2	26.5
T3100 07D	109	7	7	23.2	197	48	7.7	31
T3100 08D	117	8	8	32.1	232	48	10.8	40.9
T3100 09D	125	9	9	43.4	232	48	12.7	52.4
T3100 10D	133	10	10	57.6	232	48	12.7	66.6
T3100 11D	142	11	11	73.1	232	48	12.7	82.1
T3100 12D	151	12	12	93.2	232	48	12.7	102.2
T3100 13D	151	13	13	109.4	232	48	17.6	118.4
T3101	-	-	-	65.5	159	53	17	102.5
T3102	-	-	-	88.5	129	77	13	123.5
T3103	-	-	-	346.7	145	90	37	439.1
T3291	-	-	-	81	110	36	170	174
T3293	-	-	-	81	110	18	160	101

Item	Shelf box (secondary packaging)				Euro Pallet data Wi x Hi	
	Width mm	Depth mm	Height mm	Gross weight g	No of cartons on base	Number of rows high
T3100 01	90.5	88	36.5	60.4		
T3100 015	90.5	88	36.5	90.4		
T3100 02	90.5	88	36.5	130.4		
T3100 025	90.5	88	36.5	220.4		
T3100 03	90.5	88	36.5	300.4		
T3100 035	90.5	88	36.5	430.4		
T3100 04	90.5	88	36.5	590.4		
T3100 045	129	124	56	833.8		
T3100 05	129	124	56	1093.8		
T3100 055	129	124	56	1373.8		
T3100 06	129	124	56	1613.8		

T3100 065	129	124	56	1993.8		
T3100 07	150	144	63	2521.9		
T3100 08	193	158	80	3579.5		
T3100 09	193	158	80	4709.5		
T3100 10	193	158	80	6129.5		
T3100 11	193	177	80	2066.1		
T3100 12	193	177	80	2568.6		
T3100 13	193	177	80	2973.6		
T3100 01TD	168	106	27	93.1		
T3100 015TD	168	106	27	99.1		
T3100 02TD	168	106	27	107.1		
T3100 025TD	168	106	27	125.1		
T3100 03TD	168	106	27	141.1		
T3100 035TD	168	106	27	167.1		
T3100 04TD	168	106	27	199.1		
T3100 045D	168	106	27	162.1		
T3100 05D	197	83	28	112.2		
T3100 055D	197	83	28	127.7		
T3100 06D	197	83	28	139.7		
T3100 065D	197	83	28	158.7		
T3100 07D	197	83	28	181.2		
T3100 08D	232	100	28	239.9		
T3100 09D	232	100	28	297.4		
T3100 10D	232	100	28	368.4		
T3100 11D	232	100	28	445.9		
T3100 12D	232	100	28	546.4		
T3100 13D	232	100	28	627.4		
T3101	400	310	130	7563.6		
T3102	400	300	120	9033.6		
T3103	400	310	130	9170.6		
T3291	400	300	120	3882		
T3293	400	300	120	7493		

Packaging waste details

Item	Primary Packaging				Secondary packaging			
	Plastic g	Use	Card g	Use	Plastic g	Use	Card g	Use

T3100 01	-	-	-	-	37	Box	0	0
T3100 015	-	-	-	-	37	Box	0	0
T3100 02	-	-	-	-	37	Box	0	0
T3100 025	-	-	-	-	37	Box	0	0
T3100 03	-	-	-	-	37	Box	0	0
T3100 035	-	-	-	-	37	Box	0	0
T3100 04	-	-	-	-	37	Box	0	0
T3100 045	-	-	-	-	88	Box	0	0
T3100 05	-	-	-	-	88	Box	0	0
T3100 055	-	-	-	-	88	Box	0	0
T3100 06	-	-	-	-	88	Box	0	0
T3100 065	-	-	-	-	88	Box	0	0
T3100 07	-	-	-	-	155	Box	0	0
T3100 08	-	-	-	-	304	Box	0	0
T3100 09	-	-	-	-	304	Box	0	0
T3100 10	-	-	-	-	304	Box	0	0
T3100 11	-	-	-	-	152	Box	0	0
T3100 12	-	-	-	-	152	Box	0	0
T3100 13	-	-	-	-	152	Box	0	0
T3100 01TD	1.5	Blister	5	Card	15	Box	50	10
T3100 015TD	1.5	Blister	5	Card	15	Box	50	10
T3100 02TD	1.5	Blister	5	Card	15	Box	50	10
T3100 025TD	1.5	Blister	5	Card	15	Box	50	10
T3100 03TD	1.5	Blister	5	Card	15	Box	50	10
T3100 035TD	1.5	Blister	5	Card	15	Box	50	10
T3100 04TD	1.5	Blister	5	Card	15	Box	50	10
T3100 045D	1.5	Blister	5	Card	15	Box	50	10
T3100 05D	1.5	Blister	6	Card	7.5	Box	30	5
T3100 055D	1.8	Blister	6	Card	9	Box	30	5
T3100 06D	1.8	Blister	6	Card	9	Box	30	5
T3100 065D	1.8	Blister	6	Card	9	Box	30	5
T3100 07D	1.8	Blister	6	Card	9	Box	30	5
T3100 08D	1.8	Blister	7	Card	9	Box	35	5
T3100 09D	2	Blister	7	Card	10	Box	35	5
T3100 10D	2	Blister	7	Card	10	Box	35	5
T3100 11D	2	Blister	7	Card	10	Box	35	5
T3100 12D	2	Blister	7	Card	10	Box	35	5

T3100 13D	2	Blister	7	Card	10	Box	35	5
T3101	37	Blister	0	0	2590	Box	0	0
T3102	35	Blister	0	0	2450	Box	0	0
T3103	92.4	Blister	0	0	1848	Box	0	0
T3291	9	Pl.Cassette	-	-			388	Carton
T3293	4	Pl.Cassette	-	-			388	Carton