**EN:** This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

# PRODUCT SPECIFICATION

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

Carl Kammerling International

**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*

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*T3293*



*T3291*

| Item Number | Item Description<br>(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 |

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| | | | | |
|---|---|---|---|---|
| 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<br>Normal wear and tear or damage caused through inappropriate use is not |

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| | |
|---|---|
| | covered |
| Country of origin | Germany |

## Dimensional details

| | Product only | | | | Product on primary packaging | | | |
|---|---|---|---|---|---|---|---|---|
| Item | 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 |

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|---|---|---|---|---|---|---|---|---|
| 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 |

| | **Shelf box (secondary packaging)** | | | | **Euro Pallet data Wi x Hi** | |
|---|---|---|---|---|---|---|
| **Item** | **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 | | |

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|---|---|---|---|---|---|---|
| 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

| | Primary Packaging | | | | Secondary packaging | | | |
|---|---|---|---|---|---|---|---|---|
| Item | 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 |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 |

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|---|---|---|---|---|---|---|---|---|
| T3291 | 9 | Pl.Cassette | - | - | | | 388 | Carton |
| T3293 | 4 | Pl.Cassette | - | - | | | 388 | Carton |

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