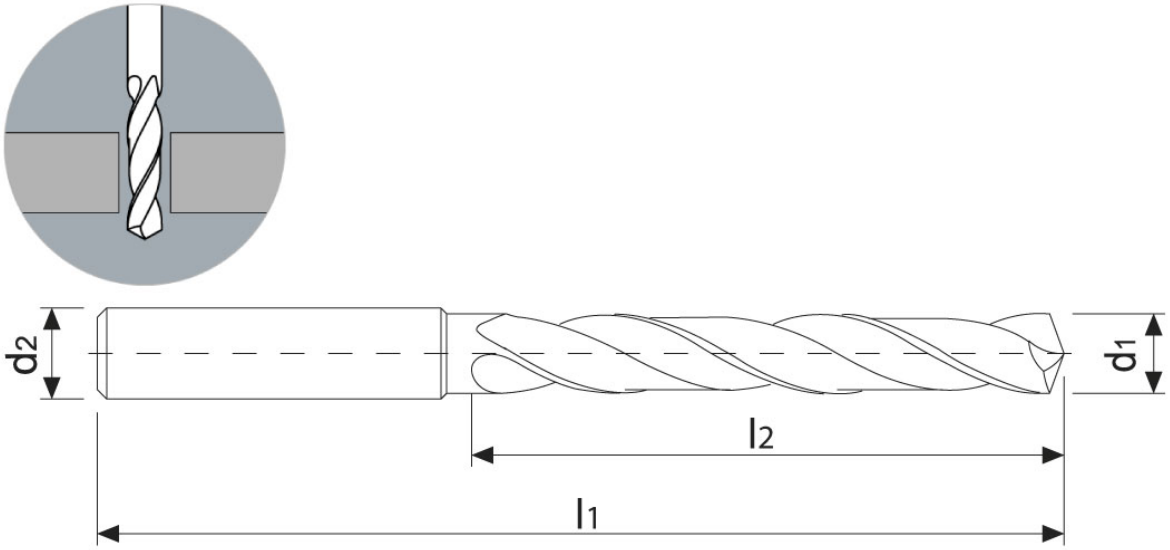


# TTD2070255

**Type:** Long drill with reinforced shank

| d1 | d2 | l1 | l2 |
|---|---|---|---|
| 2,55 | 3,00 | 53 | 18,50 |

| Coolant holes | Cut | Point angle | Spiral angle | Cutting edges Z |
|---|---|---|---|---|
| No | Right | 140° | 30° | 2 |

| Coated | Coating type | Material | Material type | Norm |
|---|---|---|---|---|
| Yes | TiAlN | MD | SMG SP | TUSA |

| Machinable Materials | | | | |
|---|---|---|---|---|
| Cod. | Material type | Machinability | Cutting speed Vc | Advancement per revolution fn |
| | | Recommended<br>Part. recommended<br>Not recommended | (m/min) | (mm/rev) |
| P01 | Unalloyed steels up to 800 N/mm2 | | 80 : 120 | 0,220 |
| P02 | Low alloy steels from 800 N/mm2 to 1100 N/mm2 | | 60 : 100 | 0,220 |
| P03 | Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2 | | 40 : 80 | 0,180 |
| M01 | Ferritic stainless steels | | 20 : 40 | 0,065 |
| M02 | Martensitic stainless steels | | 25 : 50 | 0,085 |
| M03 | Martensitic stainless steels - PH | | 20 : 30 | 0,065 |
| M04 | Austenitic stainless steels | | 20 : 30 | 0,065 |
| K01 | Gray/lamellar cast iron | | 80 : 120 | 0,310 |
| K02 | Nodular/nodular cast iron | | 80 : 120 | 0,310 |
| N01 | Drawn aluminum alloys | | 150 : 200 | 0,130 |
| N02 | Die-cast aluminum alloys | | 150 : 200 | 0,120 |
| N03 | Copper | | 80 : 120 | 0,085 |
| N04 | Brass - Bronze | | 60 : 100 | 0,110 |
| N05 | Lead-free brass | | 100 : 140 | 0,085 |
| S01 | Super alloys (Inconel - Hastelloy - Nimonic) | | 20 : 40 | 0,011 |
| S02 | Pure titanium (Grade 2 - Grade 4) | | 20 : 40 | 0,065 |
| S03 | Titanium alloys (Grade 5) | | 15 : 30 | 0,070 |
| S04 | Cobalt Chrome Alloys | | 20 : 40 | 0,030 |
| H01 | Hardened steels up to 55 HRC | | 20 : 40 | 0,018 |

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| H01 | Hardened steels up to 55 HRC | | 20 : 40 | 0,018 |
| H02 | Hardened steels from 55 HRC | | 15 : 30 | 0,011 |