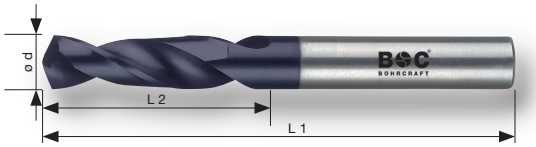
# VHM Spiralbohrer DIN 6539 Typ N, **TiALN**
# Solid carbide twist drills DIN 6539 type N, **TiALN**




Code **1504 TiALN**

DIN 6539 | VHM SC | Typ N | 118° | DIN 1412 A | 3xD | TiALN

| Code | P | | | M | K | N | | | | | S | | H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1.1 – 2.1 | 3.1 – 4.1 | 5.1 | 1.1 – 4.1 | 1.1 – 4.2 | 1.1 – 1.6 | 2.1 | 2.2 – 2.3 | 2.7 – 2.8 | 4.2 | 1.1 – 1.3 | 2.1 – 2.6 | 1.1 – 1.5 |
| 1504 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

Stabiler Bohrer aus Vollhartmetall zum Bohren von hochfesten Stählen, Cr-Ni-Stählen, Hartguss, Grauguss, Stahlguss, Mn-Hartstahl, Bronze, Aluminium mit hohem Siliziumanteil und abrasiven Werkstoffen.
**Mit TiALN-Beschichtung für eine höhere Standzeit.**

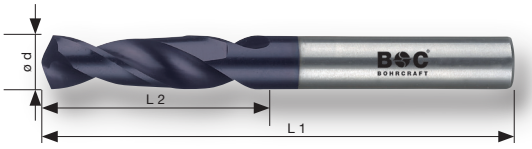
Stable solid carbide twist drill for drilling heat resistant steels, high carbon steel castings, grey cast iron, cast steels, manganese steels, bronze, aluminium with high percentage of silicium and for machining abrasive materials.
**With TiALN-coating for a longer tool life.**



HARTMETALL SPIRALBOHRER
CARBIDE TWIST DRILLS

| Ø d mm | L 1 mm | L 2 mm | | Artikel-Nr. Part-No. | |
|---|---|---|---|---|---|
| 1,0 | 26 | 6 | 1 | 1504 03 00100 | ○ |
| 1,1 | 28 | 7 | 1 | 1504 03 00110 | ○ |
| 1,2 | 30 | 8 | 1 | 1504 03 00120 | ○ |
| 1,3 | 30 | 8 | 1 | 1504 03 00130 | ○ |
| 1,4 | 32 | 9 | 1 | 1504 03 00140 | ○ |
| 1,5 | 32 | 9 | 1 | 1504 03 00150 | ○ |
| 1,6 | 34 | 10 | 1 | 1504 03 00160 | ○ |
| 1,7 | 34 | 10 | 1 | 1504 03 00170 | ○ |
| 1,8 | 36 | 11 | 1 | 1504 03 00180 | ○ |
| 1,9 | 36 | 11 | 1 | 1504 03 00190 | ○ |
| 2,0 | 38 | 12 | 1 | 1504 03 00200 | ● |
| 2,1 | 38 | 12 | 1 | 1504 03 00210 | ○ |
| 2,2 | 40 | 13 | 1 | 1504 03 00220 | ○ |
| 2,3 | 40 | 13 | 1 | 1504 03 00230 | ○ |
| 2,4 | 43 | 14 | 1 | 1504 03 00240 | ○ |
| 2,5 | 43 | 14 | 1 | 1504 03 00250 | ○ |
| 2,6 | 43 | 14 | 1 | 1504 03 00260 | ○ |
| 2,7 | 46 | 16 | 1 | 1504 03 00270 | ○ |
| 2,8 | 46 | 16 | 1 | 1504 03 00280 | ○ |
| 2,9 | 46 | 16 | 1 | 1504 03 00290 | ○ |
| 3,0 | 46 | 16 | 1 | 1504 03 00300 | ● |
| 3,1 | 49 | 18 | 1 | 1504 03 00310 | ○ |
| 3,2 | 49 | 18 | 1 | 1504 03 00320 | ○ |
| 3,3 | 49 | 18 | 1 | 1504 03 00330 | ○ |
| 3,4 | 52 | 20 | 1 | 1504 03 00340 | ○ |
| 3,5 | 52 | 20 | 1 | 1504 03 00350 | ● |
| 3,6 | 52 | 20 | 1 | 1504 03 00360 | ○ |
| 3,7 | 52 | 20 | 1 | 1504 03 00370 | ○ |
| 3,8 | 55 | 22 | 1 | 1504 03 00380 | ○ |
| 3,9 | 55 | 22 | 1 | 1504 03 00390 | ○ |
| 4,0 | 55 | 22 | 1 | 1504 03 00400 | ● |
| 4,1 | 55 | 22 | 1 | 1504 03 00410 | ● |
| 4,2 | 55 | 22 | 1 | 1504 03 00420 | ● |
| 4,3 | 58 | 24 | 1 | 1504 03 00430 | ○ |
| 4,4 | 58 | 24 | 1 | 1504 03 00440 | ○ |
| 4,5 | 58 | 24 | 1 | 1504 03 00450 | ● |
| 4,6 | 58 | 24 | 1 | 1504 03 00460 | ○ |
| 4,7 | 58 | 24 | 1 | 1504 03 00470 | ○ |
| 4,8 | 62 | 26 | 1 | 1504 03 00480 | ○ |
| 4,9 | 62 | 26 | 1 | 1504 03 00490 | ○ |
| 5,0 | 62 | 26 | 1 | 1504 03 00500 | ● |
| 5,1 | 62 | 26 | 1 | 1504 03 00510 | ○ |
| 5,2 | 62 | 26 | 1 | 1504 03 00520 | ○ |
| 5,3 | 62 | 26 | 1 | 1504 03 00530 | ○ |
| 5,4 | 66 | 28 | 1 | 1504 03 00540 | ○ |
| 5,5 | 66 | 28 | 1 | 1504 03 00550 | ● |
| 5,6 | 66 | 28 | 1 | 1504 03 00560 | ○ |
| 5,7 | 66 | 28 | 1 | 1504 03 00570 | ○ |
| 5,8 | 66 | 28 | 1 | 1504 03 00580 | ○ |
| 5,9 | 66 | 28 | 1 | 1504 03 00590 | ○ |

# VHM Spiralbohrer DIN 6539 Typ N, **TiALN**
# Solid carbide twist drills DIN 6539 type N, **TiALN**




Code **1504 TiALN**

| Ø d mm | L 1 mm | L 2 mm | | Artikel-Nr. Part-No. | |
|---|---|---|---|---|---|
| 6,0 | 66 | 28 | 1 | 1504 03 00600 | • |
| 6,1 | 70 | 31 | 1 | 1504 03 00610 | ○ |
| 6,2 | 70 | 31 | 1 | 1504 03 00620 | ○ |
| 6,3 | 70 | 31 | 1 | 1504 03 00630 | ○ |
| 6,4 | 70 | 31 | 1 | 1504 03 00640 | ○ |
| 6,5 | 70 | 31 | 1 | 1504 03 00650 | • |
| 6,6 | 70 | 31 | 1 | 1504 03 00660 | ○ |
| 6,7 | 70 | 31 | 1 | 1504 03 00670 | ○ |
| 6,8 | 74 | 34 | 1 | 1504 03 00680 | ○ |
| 6,9 | 74 | 34 | 1 | 1504 03 00690 | ○ |
| 7,0 | 74 | 34 | 1 | 1504 03 00700 | • |
| 7,1 | 74 | 34 | 1 | 1504 03 00710 | ○ |
| 7,2 | 74 | 34 | 1 | 1504 03 00720 | ○ |
| 7,3 | 74 | 34 | 1 | 1504 03 00730 | ○ |
| 7,4 | 74 | 34 | 1 | 1504 03 00740 | ○ |
| 7,5 | 74 | 34 | 1 | 1504 03 00750 | • |
| 7,6 | 79 | 37 | 1 | 1504 03 00760 | ○ |
| 7,7 | 79 | 37 | 1 | 1504 03 00770 | ○ |
| 7,8 | 79 | 37 | 1 | 1504 03 00780 | ○ |
| 7,9 | 79 | 37 | 1 | 1504 03 00790 | ○ |
| 8,0 | 79 | 37 | 1 | 1504 03 00800 | • |
| 8,1 | 79 | 37 | 1 | 1504 03 00810 | ○ |
| 8,2 | 79 | 37 | 1 | 1504 03 00820 | ○ |
| 8,3 | 79 | 37 | 1 | 1504 03 00830 | ○ |
| 8,4 | 79 | 37 | 1 | 1504 03 00840 | ○ |
| 8,5 | 79 | 37 | 1 | 1504 03 00850 | • |
| 8,6 | 84 | 40 | 1 | 1504 03 00860 | ○ |
| 8,7 | 84 | 40 | 1 | 1504 03 00870 | ○ |
| 8,8 | 84 | 40 | 1 | 1504 03 00880 | ○ |
| 8,9 | 84 | 40 | 1 | 1504 03 00890 | ○ |
| 9,0 | 84 | 40 | 1 | 1504 03 00900 | • |
| 9,1 | 84 | 40 | 1 | 1504 03 00910 | ○ |
| 9,2 | 84 | 40 | 1 | 1504 03 00920 | ○ |
| 9,3 | 84 | 40 | 1 | 1504 03 00930 | ○ |
| 9,4 | 84 | 40 | 1 | 1504 03 00940 | ○ |
| 9,5 | 84 | 40 | 1 | 1504 03 00950 | • |
| 9,6 | 89 | 43 | 1 | 1504 03 00960 | ○ |
| 9,7 | 89 | 43 | 1 | 1504 03 00970 | ○ |
| 9,8 | 89 | 43 | 1 | 1504 03 00980 | ○ |
| 9,9 | 89 | 43 | 1 | 1504 03 00990 | ○ |
| 10,0 | 89 | 43 | 1 | 1504 03 01000 | • |
| 10,2 | 89 | 43 | 1 | 1504 03 01020 | ○ |
| 10,5 | 89 | 43 | 1 | 1504 03 01050 | ○ |
| 11,0 | 95 | 47 | 1 | 1504 03 01100 | • |
| 11,5 | 95 | 47 | 1 | 1504 03 01150 | ○ |
| 12,0 | 102 | 51 | 1 | 1504 03 01200 | • |
| 12,5 | 102 | 51 | 1 | 1504 03 01250 | ○ |
| 13,0 | 102 | 51 | 1 | 1504 03 01300 | • |
| 14,0 | 107 | 54 | 1 | 1504 03 01400 | ○ |
| 15,0 | 111 | 56 | 1 | 1504 03 01500 | ○ |
| 16,0 | 115 | 58 | 1 | 1504 03 01600 | ○ |

• ab Lager / ex stock ○ Lieferzeit 10 – 14 Tage / Delivery time 10 – 14 days

BC Multi-Pack / BC Multi-Pack

| Bezeichnung Description | Teile Pieces | Inhalt Content | Artikel-Nr. Part-No. | |
|---|---|---|---|---|
| VHM 5-2 TiALN | 5 | Ø 4 · 5 · 6 · 8 · 10 mm | 1504 13 30005 | • |





HARTMETALL SPIRALBOHRER
CARBIDE TWIST DRILLS