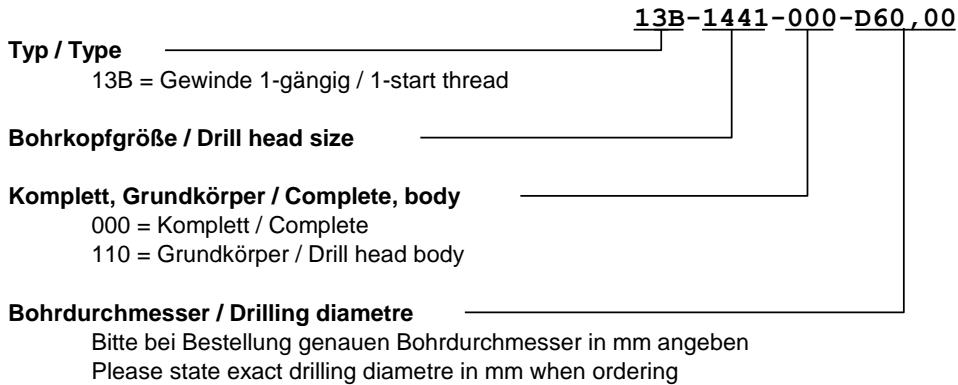

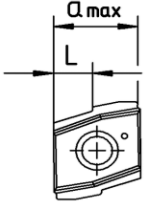



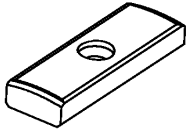
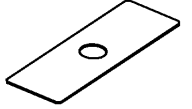


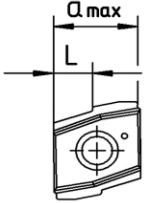



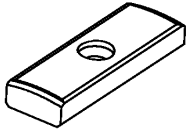
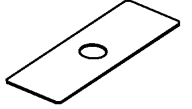


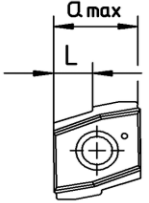



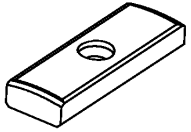
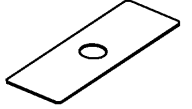


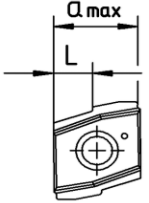



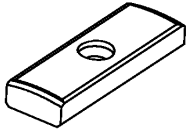
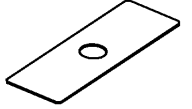


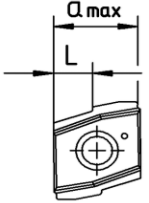



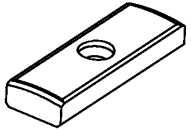
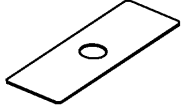


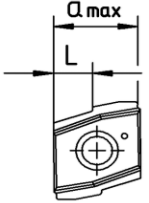



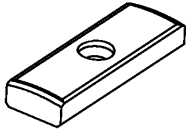
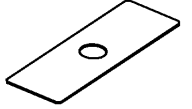


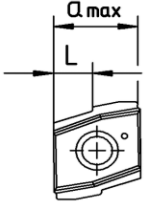



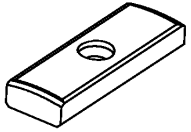
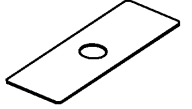


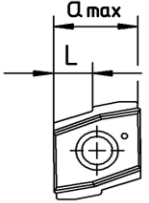



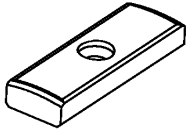
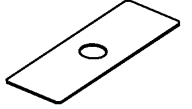


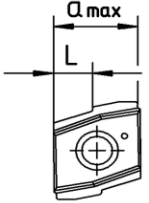



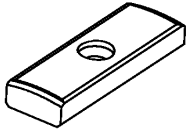
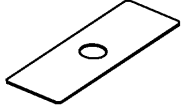


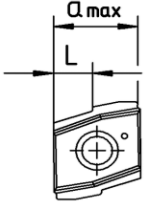



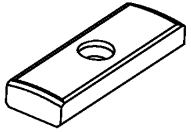
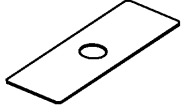



Bestellinformationen
Ordering information**Bestellbeispiel**
Ordering example**13B-1441-000-D60,00**

(Aufbohrkopf mit 1-gängigem Gewinde für BR-Ø 51, Bohr-Ø 60,00 mm)

(Counter drill head with 1-start thread for drill tube dia. 51, drilling dia. 60,00 mm)

- Bitte beachten Sie unsere Sicherheitshinweise unter www.botek.de.
- Es gelten unsere allgemeinen Geschäftsbedingungen, welche wir als bekannt voraussetzen.
- Wir behalten uns Änderungen jeder Art vor, die aus technischer Weiterentwicklung resultieren. Diese können grundsätzlich nicht als Reklamation anerkannt werden.
- Änderungen, Druckfehler und Irrtum vorbehalten.
- Please note our safety pointers at www.botek.de.
- Our General Standard Terms and Conditions, which we assume as known, apply.
- We reserve the right to make modifications in the interests of technical improvement. Such modifications cannot, in principle, be accepted as justifiable reasons for complaint.
- Subject to change. The manufacturer accepts no responsibility for misprints and other errors.

| Bohrrohrgröße Drill tube size | Bohrrohr ø Da Drill tube outer dia Da [mm] | Bohrbereich Drilling range von from bis to | Bohrkopf Drill head | | | | Außenschneide Peripheral insert | | | Einstellplatte Stop plate | | Führungsleisten Guide pads | | |
|----------------------------------|---|--|------------------------|--------------------------------|--------------------------------|---|---|-------------------------|---|---|---|---|---|---|
| | | | Komplett Complete | Grundkörper Drill head body | Gesamtlänge Over all length | Schlüssel Wrench | 1x Wendeplatte 1x Indexable insert | 1x Unterlage 1x Shim | 1x Schraube 1x Screw | 1x Einstellplatte 1x Stop plate | 1x Schraube 1x Screw | 3x Führungsleiste 3x Guide pad | Führungsleisten -Unterlage Guide pads shim | 3x Schraube 3x Screw |
| 05 | 24 | 28,50 - 28,99 | 13B-0513-000 | 13B-0513-110 | 63,1 |  |  | 42-0610-710 |  |  |  |  |  |  |
| | | 29,00 - 29,49 | 13B-0521-000 | 13B-0521-110 | | | | | | | | | | |
| | | 29,50 - 29,99 | 13B-0523-000 | 13B-0523-110 | | | | | | | | | | |
| 06 | 26 | 30,00 - 30,49 | 13B-0611-000 | 13B-0611-110 | 63,1 |  |  | 22-0600-710 |  |  |  |  |  |  |
| | | 30,50 - 30,99 | 13B-0613-000 | 13B-0613-110 | | | | | | | | | | |
| | | 31,00 - 31,49 | 13B-0621-000 | 13B-0621-110 | | | | | | | | | | |
| | | 31,50 - 31,99 | 13B-0623-000 | 13B-0623-110 | | | | | | | | | | |
| 07 | 28 | 32,00 - 32,49 | 13B-0711-000 | 13B-0711-110 | 63,1 |  |  | 22-0600-831 (M 3x10) |  |  |  |  |  |  |
| | | 32,50 - 32,99 | 13B-0713-000 | 13B-0713-110 | | | | | | | | | | |
| | | 33,00 - 33,49 | 13B-0721-000 | 13B-0721-110 | | | | | | | | | | |
| | | 33,50 - 33,99 | 13B-0723-000 | 13B-0723-110 | | | | | | | | | | |
| 08 | 30 | 34,00 - 34,49 | 13B-0811-000 | 13B-0811-110 | 78,1 |  |  | 22-0700-710 |  |  |  |  |  |  |
| | | 34,50 - 34,99 | 13B-0813-000 | 13B-0813-110 | | | | | | | | | | |
| | | 35,00 - 35,49 | 13B-0821-000 | 13B-0821-110 | | | | | | | | | | |
| | | 35,50 - 35,99 | 13B-0823-000 | 13B-0823-110 | | | | | | | | | | |
| | | 36,00 - 36,49 | 13B-0831-000 | 13B-0831-110 | | | | | | | | | | |
| 09 | 33 | 36,50 - 36,99 | 13B-0833-000 | 13B-0833-110 | 79,1 |  |  | 22-0910-710 |  |  |  |  |  |  |
| | | 37,00 - 37,49 | 13B-0911-000 | 13B-0911-110 | | | | | | | | | | |
| | | 37,50 - 37,99 | 13B-0913-000 | 13B-0913-110 | | | | | | | | | | |
| | | 38,00 - 38,49 | 13B-0921-000 | 13B-0921-110 | | | | | | | | | | |
| | | 38,50 - 38,99 | 13B-0923-000 | 13B-0923-110 | | | | | | | | | | |
| 10 | 36 | 39,00 - 39,49 | 13B-0931-000 | 13B-0931-110 | 80,2 |  |  | 22-0910-710 |  |  |  |  |  |  |
| | | 39,50 - 39,99 | 13B-0933-000 | 13B-0933-110 | | | | | | | | | | |
| | | 40,00 - 40,49 | 13B-1011-000 | 13B-1011-110 | | | | | | | | | | |
| | | 40,50 - 40,99 | 13B-1013-000 | 13B-1013-110 | | | | | | | | | | |
| | | 41,00 - 41,49 | 13B-1021-000 | 13B-1021-110 | | | | | | | | | | |
| 11 | 39 | 41,50 - 41,99 | 13B-1023-000 | 13B-1023-110 | 81,2 |  |  | 22-0900-831 (M 4x12) |  |  |  |  |  |  |
| | | 42,00 - 42,49 | 13B-1031-000 | 13B-1031-110 | | | | | | | | | | |
| | | 42,50 - 42,99 | 13B-1033-000 | 13B-1033-110 | | | | | | | | | | |
| | | 43,00 - 43,49 | 13B-1041-000 | 13B-1041-110 | | | | | | | | | | |
| | | 43,50 - 43,99 | 13B-1043-000 | 13B-1043-110 | | | | | | | | | | |
| 12 | 43 | 44,00 - 44,49 | 13B-1111-000 | 13B-1111-110 | 88,4 |  |  | 22-1030-710 |  |  |  |  |  |  |
| | | 44,50 - 44,99 | 13B-1113-000 | 13B-1113-110 | | | | | | | | | | |
| | | 45,00 - 45,49 | 13B-1121-000 | 13B-1121-110 | | | | | | | | | | |
| | | 45,50 - 45,99 | 13B-1123-000 | 13B-1123-110 | | | | | | | | | | |
| | | 46,00 - 46,49 | 13B-1131-000 | 13B-1131-110 | | | | | | | | | | |
| | | 46,50 - 46,99 | 13B-1133-000 | 13B-1133-110 | | | | | | | | | | |
| | | 47,00 - 47,49 | 13B-1211-000 | 13B-1211-110 | | | | | | | | | | |
| 47,50 - 47,99 | 13B-1213-000 | 13B-1213-110 | | | | | | | | | | | | |
| 48,00 - 48,49 | 13B-1221-000 | 13B-1221-110 | | | | | | | | | | | | |
| 12 | 43 | 48,50 - 48,99 | 13B-1223-000 | 13B-1223-110 | 88,4 |  |  | 22-1200-831 (M 5x14,2) |  |  |  |  |  |  |
| | | 49,00 - 49,49 | 13B-1231-000 | 13B-1231-110 | | | | | | | | | | |
| | | 49,50 - 49,99 | 13B-1233-000 | 13B-1233-110 | | | | | | | | | | |
| | | 50,00 - 50,49 | 13B-1241-000 | 13B-1241-110 | | | | | | | | | | |
| | | 50,50 - 50,99 | 13B-1243-000 | 13B-1243-110 | | | | | | | | | | |
| | | 51,00 - 51,49 | 13B-1251-000 | 13B-1251-110 | | | | | | | | | | |
| | | 51,50 - 51,99 | 13B-1253-000 | 13B-1253-110 | | | | | | | | | | |
| 12 | 43 | 51,00 - 51,49 | 13B-1251-000 | 13B-1251-110 | 88,5 |  |  | 22-1240-710 |  |  |  |  |  |  |
| | | 51,50 - 51,99 | 13B-1253-000 | 13B-1253-110 | | | | | | | | | | |

| Bohrrohrgröße Drill tube size | Bohrrohr ø Da Drill tube outer dia Da [mm] | Bohrbereich Drilling range von from bis to | Bohrkopf Drill head | | | | Außenschneide Peripheral insert | | | Einstellplatte Stop plate | | Führungsleisten Guide pads | | |
|----------------------------------|---|--|------------------------|--------------------------------|--------------------------------|---------------------|--|-------------------------|---------------------------|--|----------------------------|-----------------------------------|--|-----------------------------|
| | | | Komplett Complete | Grundkörper Drill head body | Gesamtlänge Over all length | Schlüssel Wrench | 1x Wendeplatte 1x Indexable insert | 1x Unterlage 1x Shim | 1x Schraube 1x Screw | 1x Einstellplatte 1x Stop plate | 1x Schraube 1x Screw | 3x Führungsleiste 3x Guide pad | Führungsleisten -Unterlage Guide pads shim | 3x Schraube 3x Screw |
| 13 | 47 | 52,00 - 52,49 | 13B-1311-000 | 13B-1311-110 | 89,5 | 46 | 02-1650-310 (a _{max} = 16,0, L = 6,9) | 22-1240-710 | 22-1200-831 (M 5x14,2) | 01-2400-610-S... | 21-0200-860 (M 2,5x4,7) | 10-1000-410/51 | 10-1000-419/S S:0,02/0,025/ 0,05/0,1/0,25 | 22-1200-840 (M 3,5x11,4) |
| | | 52,50 - 52,99 | 13B-1313-000 | 13B-1313-110 | | | | | | | | | | |
| | | 53,00 - 53,49 | 13B-1321-000 | 13B-1321-110 | | | | | | | | | | |
| | | 53,50 - 53,99 | 13B-1323-000 | 13B-1323-110 | | | | | | | | | | |
| | | 54,00 - 54,49 | 13B-1331-000 | 13B-1331-110 | | | | | | | | | | |
| | | 54,50 - 54,99 | 13B-1333-000 | 13B-1333-110 | | | | | | | | | | |
| | | 55,00 - 55,49 | 13B-1341-000 | 13B-1341-110 | | | | | | | | | | |
| | | 55,50 - 55,99 | 13B-1343-000 | 13B-1343-110 | | | | | | | | | | |
| 14 | 51 | 56,00 - 56,49 | 13B-1351-000 | 13B-1351-110 | 95,5 | 50 | 02-1800-310 (a _{max} = 17,5, L = 7,7) | 22-1340-710 | 22-1200-935 | Bei Nachbestellung bitte Maß S angeben | 22-0600-925 | 10-1000-410/55 | When reordering please state dimension S | 22-0900-935 |
| | | 56,50 - 56,99 | 13B-1353-000 | 13B-1353-110 | | | | | | | | | | |
| | | 57,00 - 57,49 | 13B-1411-000 | 13B-1411-110 | | | | | | | | | | |
| | | 57,50 - 57,99 | 13B-1413-000 | 13B-1413-110 | | | | | | | | | | |
| | | 58,00 - 58,49 | 13B-1421-000 | 13B-1421-110 | | | | | | | | | | |
| | | 58,50 - 58,99 | 13B-1423-000 | 13B-1423-110 | | | | | | | | | | |
| | | 59,00 - 59,49 | 13B-1431-000 | 13B-1431-110 | | | | | | | | | | |
| | | 59,50 - 59,99 | 13B-1433-000 | 13B-1433-110 | | | | | | | | | | |
| 15 | 56 | 60,00 - 60,49 | 13B-1441-000 | 13B-1441-110 | 96,7 | 55 | 02-1900-310 (a _{max} = 17,5, L = 8,1) | 22-1500-710 | 22-1500-831 (M 6x17,5) | 01-3750-610-S... | 21-0600-860 (M 3x6,7) | 10-1200-410/56 | 10-1200-419/S S:0,02/0,025/ 0,05/0,1/0,25 | 22-1200-840 (M 3,5x11,4) |
| | | 60,50 - 60,99 | 13B-1443-000 | 13B-1443-110 | | | | | | | | | | |
| | | 61,00 - 61,49 | 13B-1511-000 | 13B-1511-110 | | | | | | | | | | |
| | | 61,50 - 61,99 | 13B-1513-000 | 13B-1513-110 | | | | | | | | | | |
| | | 62,00 - 62,49 | 13B-1521-000 | 13B-1521-110 | | | | | | | | | | |
| | | 62,50 - 62,99 | 13B-1523-000 | 13B-1523-110 | | | | | | | | | | |
| | | 63,00 - 63,49 | 13B-1531-000 | 13B-1531-110 | | | | | | | | | | |
| | | 63,50 - 63,99 | 13B-1533-000 | 13B-1533-110 | | | | | | | | | | |
| | | 64,00 - 64,49 | 13B-1541-000 | 13B-1541-110 | | | | | | | | | | |
| | | 64,50 - 64,99 | 13B-1543-000 | 13B-1543-110 | | | | | | | | | | |
| | | 65,00 - 65,49 | 13B-1551-000 | 13B-1551-110 | | | | | | | | | | |
| | | 65,50 - 65,99 | 13B-1553-000 | 13B-1553-110 | | | | | | | | | | |
| 17 | 62 | 66,00 - 66,49 | 13B-1561-000 | 13B-1561-110 | 103,8 | 60 | 02-2150-310 (a _{max} = 20,2, L = 9,4) | 22-1630-710 | 22-1500-935 | Bei Nachbestellung bitte Maß S angeben | 22-0600-935 | 10-1200-410/59 | When reordering please state dimension S | 22-0900-935 |
| | | 66,50 - 66,99 | 13B-1563-000 | 13B-1563-110 | | | | | | | | | | |
| | | 67,00 - 67,49 | 13B-1571-000 | 13B-1571-110 | | | | | | | | | | |
| | | 67,50 - 67,99 | 13B-1573-000 | 13B-1573-110 | | | | | | | | | | |
| | | 68,00 - 68,49 | 13B-1711-000 | 13B-1711-110 | | | | | | | | | | |
| | | 68,50 - 68,99 | 13B-1713-000 | 13B-1713-110 | | | | | | | | | | |
| | | 69,00 - 69,49 | 13B-1721-000 | 13B-1721-110 | | | | | | | | | | |
| | | 69,50 - 69,99 | 13B-1723-000 | 13B-1723-110 | | | | | | | | | | |
| | | 70,00 - 70,49 | 13B-1731-000 | 13B-1731-110 | | | | | | | | | | |
| | | 70,50 - 70,99 | 13B-1733-000 | 13B-1733-110 | | | | | | | | | | |
| | | 71,00 - 71,49 | 13B-1741-000 | 13B-1741-110 | | | | | | | | | | |
| | | 71,50 - 71,99 | 13B-1743-000 | 13B-1743-110 | | | | | | | | | | |
| 17 | 62 | 72,00 - 72,49 | 13B-1751-000 | 13B-1751-110 | 103,9 | 65 | 02-2370-310 (a _{max} = 22,3, L = 11,0) | 22-1630-710 | 22-1500-935 | When reordering please state dimension S | 22-0600-935 | 10-1500-410/67 | 10-1500-419/S S:0,02/0,025/ 0,05/0,1/0,25 | 22-1600-840 (M 5x15) |
| | | 72,50 - 72,99 | 13B-1753-000 | 13B-1753-110 | | | | | | | | | | |
| | | 73,00 - 73,49 | 13B-1761-000 | 13B-1761-110 | | | | | | | | | | |
| | | 73,50 - 73,99 | 13B-1763-000 | 13B-1763-110 | | | | | | | | | | |
| | | 74,00 - 74,49 | 13B-1771-000 | 13B-1771-110 | | | | | | | | | | |
| | | 74,50 - 74,99 | 13B-1773-000 | 13B-1773-110 | | | | | | | | | | |