

**Bestellinformationen
Ordering information**

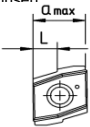







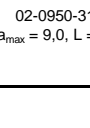




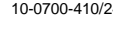
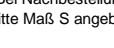

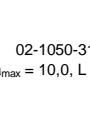







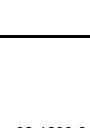





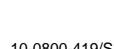

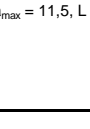





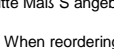

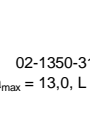







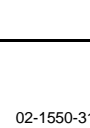





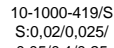

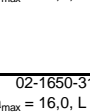





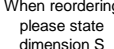









Typ / Type	<u>13A-1441-000-D60,00</u>
13A = Gewinde 4-gängig / 4-start thread	
Bohrkopfgröße / Drill head size	
Komplett, Grundkörper / Complete, body	
000 = Komplett / Complete	
110 = Grundkörper / Drill head body	
Bohrdurchmesser / Drilling diametre	
Bitte bei Bestellung genauen Bohrdurchmesser in mm angeben Please state exact drilling diametre in mm when ordering	

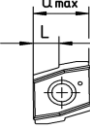




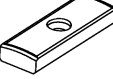
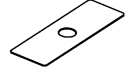










**Bestellbeispiel
Ordering example****13A-1441-000-D60,00**

(Aufbohrkopf mit 4-gängigem Gewinde für BR-Ø 51, Bohr-Ø 60,00 mm)

(Counter drill head with 4-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
06	26	28,71 - 28,99	13A-0683-000	13A-0683-110	72,1	24								
		29,00 - 29,49	13A-0691-000	13A-0691-110										
		29,50 - 29,99	13A-0693-000	13A-0693-110										
		30,00 - 30,49	13A-0611-000	13A-0611-110										
		30,50 - 30,99	13A-0613-000	13A-0613-110										
07	28	31,00 - 31,00	13A-0621-000	13A-0621-110	73,1	26								
		31,01 - 31,49	13A-0701-000	13A-0701-110										
		31,50 - 31,99	13A-0703-000	13A-0703-110										
		32,00 - 32,49	13A-0711-000	13A-0711-110										
		32,50 - 32,99	13A-0713-000	13A-0713-110										
08	30	33,00 - 33,30	13A-0721-000	13A-0721-110	72,1	28								
		33,31 - 33,49	13A-0801-000	13A-0801-110										
		33,50 - 33,99	13A-0803-000	13A-0803-110										
		34,00 - 34,49	13A-0811-000	13A-0811-110										
		34,50 - 34,99	13A-0813-000	13A-0813-110										
09	33	35,00 - 35,49	13A-0821-000	13A-0821-110	71,1	30								
		35,50 - 35,99	13A-0823-000	13A-0823-110										
		36,00 - 36,20	13A-0831-000	13A-0831-110										
		36,21 - 36,49	13A-0901-000	13A-0901-110										
		36,50 - 36,99	13A-0903-000	13A-0903-110										
10	36	37,00 - 37,49	13A-0911-000	13A-0911-110	80,2	32								
		37,50 - 37,99	13A-0913-000	13A-0913-110										
		38,00 - 38,49	13A-0921-000	13A-0921-110										
		38,50 - 38,99	13A-0923-000	13A-0923-110										
		39,00 - 39,49	13A-0931-000	13A-0931-110										
11	39	39,50 - 39,60	13A-0933-000	13A-0933-110	83,2	36								
		39,61 - 39,99	13A-1003-000	13A-1003-110										
		40,00 - 40,49	13A-1011-000	13A-1011-110										
		40,50 - 40,99	13A-1013-000	13A-1013-110										
		41,00 - 41,49	13A-1021-000	13A-1021-110										
12	43	41,50 - 41,99	13A-1023-000	13A-1023-110	81,2	38								
		42,00 - 42,49	13A-1031-000	13A-1031-110										
		42,50 - 42,99	13A-1033-000	13A-1033-110										
		43,00 - 43,00	13A-1041-000	13A-1041-110										
		43,01 - 43,49	13A-1101-000	13A-1101-110										
12	43	43,50 - 43,99	13A-1103-000	13A-1103-110	82,2	41								
		44,00 - 44,49	13A-1111-000	13A-1111-110										
		44,50 - 44,99	13A-1113-000	13A-1113-110										
		45,00 - 45,49	13A-1121-000	13A-1121-110										
		45,50 - 45,99	13A-1123-000	13A-1123-110										
12	43	46,00 - 46,49	13A-1131-000	13A-1131-110	84,2	90,4								
		46,50 - 46,99	13A-1133-000	13A-1133-110										
		47,00 - 47,00	13A-1141-000	13A-1141-110										
		47,01 - 47,49	13A-1211-000	13A-1211-110										
		47,50 - 47,99	13A-1213-000	13A-1213-110										
12	43	48,00 - 48,49	13A-1221-000	13A-1221-110	90,4	90,5								
		48,50 - 48,99	13A-1223-000	13A-1223-110										
		49,00 - 49,49	13A-1231-000	13A-1231-110										
		49,50 - 49,99	13A-1233-000	13A-1233-110										
		50,00 - 50,49	13A-1241-000	13A-1241-110										
12	43	50,50 - 50,99	13A-1243-000	13A-1243-110	90,4	90,5								
		51,00 - 51,49	13A-1251-000	13A-1251-110										
		51,50 - 51,70	13A-1253-000	13A-1253-110										
		51,50 - 51,70	13A-1253-000	13A-1253-110										
		51,50 - 51,70	13A-1253-000	13A-1253-110										

Bohrrohrgröße Drill tube size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von bis from to	Bohrkopf Drill head				Außenschnide 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	51,71 - 51,99	13A-1303-000	13A-1303-110	92,5	41	 02-1650-310 (a _{max} = 16,0, L = 6,9)	 22-1240-710	 22-1200-831 (M 5x14,2)	 01-2400-610-S... Bei Nachbestellung bitte Maß S angeben	 21-0200-860 (M 2,5x4,7)	 10-1000-410/39	 10-1000-419/S S:0,02/0,025/ 0,05/0,1/0,25 Bei Nachbestellung bitte Maß S angeben	 22-1200-840 (M 3,5x11,4) 22-0900-935
		52,00 - 52,49	13A-1311-000	13A-1311-110	96,5	46								
		52,50 - 52,99	13A-1313-000	13A-1313-110										
		53,00 - 53,49	13A-1321-000	13A-1321-110										
		53,50 - 53,99	13A-1323-000	13A-1323-110										
		54,00 - 54,49	13A-1331-000	13A-1331-110										
		54,50 - 54,99	13A-1333-000	13A-1333-110										
		55,00 - 55,49	13A-1341-000	13A-1341-110										
55,50 - 55,99	13A-1343-000	13A-1343-110												
56,00 - 56,20	13A-1351-000	13A-1351-110												
14	51	56,21 - 56,49	13A-1401-000	13A-1401-110	93,5	50	02-1800-310 (a _{max} = 17,5, L = 7,7)	22-1200-935 When reordering please state dimension S	 22-1200-935	21-0600-925 When reordering please state dimension S	10-1200-410/39	10-1200-419/S S:0,02/0,025/ 0,05/0,1/0,25 Bei Nachbestellung bitte Maß S angeben	22-1200-840 (M 3,5x11,4) 22-0900-935	
		56,50 - 56,99	13A-1403-000	13A-1403-110	97,5									
		57,00 - 57,49	13A-1411-000	13A-1411-110										
		57,50 - 57,99	13A-1413-000	13A-1413-110										
		58,00 - 58,49	13A-1421-000	13A-1421-110										
		58,50 - 58,99	13A-1423-000	13A-1423-110										
		59,00 - 59,49	13A-1431-000	13A-1431-110										
		59,50 - 59,99	13A-1433-000	13A-1433-110										
		60,00 - 60,49	13A-1441-000	13A-1441-110										
		60,50 - 60,60	13A-1443-000	13A-1443-110										
15	56	60,61 - 60,99	13A-1503-000	13A-1503-110	99,5	55	02-1900-310 (a _{max} = 17,5, L = 8,1)	22-1500-710	 22-1500-831 (M 6x17,5)	01-3750-610-S... Bei Nachbestellung bitte Maß S angeben	 21-0600-860 (M 3x6,7)	10-1200-410/52	10-1200-419/S S:0,02/0,025/ 0,05/0,1/0,25 Bei Nachbestellung bitte Maß S angeben	22-1200-840 (M 3,5x11,4) 22-0900-935
		61,00 - 61,49	13A-1511-000	13A-1511-110	100,7									
		61,50 - 61,99	13A-1513-000	13A-1513-110										
		62,00 - 62,49	13A-1521-000	13A-1521-110										
		62,50 - 62,99	13A-1523-000	13A-1523-110										
		63,00 - 63,49	13A-1531-000	13A-1531-110										
		63,50 - 63,99	13A-1533-000	13A-1533-110										
		64,00 - 64,49	13A-1541-000	13A-1541-110										
		64,50 - 64,99	13A-1543-000	13A-1543-110										
		65,00 - 65,00	13A-1551-000	13A-1551-110										
16	56	65,00 - 65,49	13A-1611-000	13A-1611-110	145,7	60	02-2150-310 (a _{max} = 20,2, L = 9,4)	22-1630-710	 22-1500-935	When reordering please state dimension S	 22-0600-935	10-1500-410/52	10-1500-419/S S:0,02/0,025/ 0,05/0,1/0,25 Bei Nachbestellung bitte Maß S angeben	22-1600-840 (M 5x15) 22-1200-935
		65,50 - 65,99	13A-1613-000	13A-1613-110	145,8									
		66,00 - 66,49	13A-1621-000	13A-1621-110										
		66,50 - 66,99	13A-1623-000	13A-1623-110										
17	62	67,00 - 67,49	13A-1701-000	13A-1701-110	150,8	60	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 Bei Nachbestellung bitte Maß S angeben	22-1600-840 (M 5x15) 22-1200-935
		67,50 - 67,99	13A-1703-000	13A-1703-110										
		68,00 - 68,49	13A-1711-000	13A-1711-110										
		68,50 - 68,99	13A-1713-000	13A-1713-110										
		69,00 - 69,49	13A-1721-000	13A-1721-110										
		69,50 - 69,99	13A-1723-000	13A-1723-110										
		70,00 - 70,49	13A-1731-000	13A-1731-110										
		70,50 - 70,99	13A-1733-000	13A-1733-110										
		71,00 - 71,49	13A-1741-000	13A-1741-110										
		71,50 - 71,99	13A-1743-000	13A-1743-110										
72,00 - 72,49	13A-1751-000	13A-1751-110												
72,50 - 72,99	13A-1753-000	13A-1753-110												
18	68	73,00 - 73,49	13A-1811-000	13A-1811-110	152,9	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 Bei Nachbestellung bitte Maß S angeben	22-1600-840 (M 5x15) 22-1200-935
		73,50 - 73,99	13A-1813-000	13A-1813-110										
		74,00 - 74,49	13A-1821-000	13A-1821-110										
		74,50 - 74,99	13A-1823-000	13A-1823-110										