

Bestellinformationen
Ordering information

54-2701-002A-D186,00

Typ / Type _____
54 = Gewinde 4-gängig / 4-start thread

Bohrkopfgröße / Drill head size _____

Komplett, Grundkörper / Complete, body _____
001/002 = Komplett / Complete
111/112 = Grundkörper / Drill head body

Variante / Option _____
A = mit Einstellplatte / with stop plate
B = Erweiterte Schnitttiefe / extended depth of cut
(auf Anfrage / on request)
C = kleine Schnitttiefe / small depth of cut

Bohrdurchmesser / Drilling diametre _____
Bitte bei Bestellung genauen Bohrdurchmesser in mm angeben
Please state exact drilling diametre in mm when ordering

Bestellbeispiele:
Ordering examples:

54-2701-002A-D186,00

(Aufbohrkopf mit 4-gängigem Gewinde für BR-Ø 166, mit Einstellplatte, Bohr-Ø 186,00 mm)
(Counter drill head with 4-start thread for drill tube dia. 166, with stop plate, drilling dia. 186,00 mm)

54-2701-002AC-D186,00

(Aufbohrkopf mit 4-gängigem Gewinde für BR-Ø 166, mit Einstellplatte, kl. Schnitttiefe, Bohr-Ø 186,00 mm)
(Counter drill head with 4-start thread for drill tube dia. 166, with stop plate, small depth of cut, drilling dia. 186,00 mm)

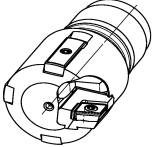
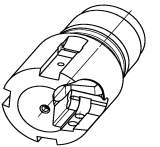
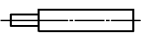
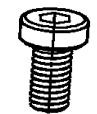
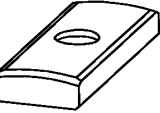

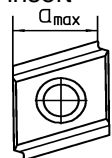
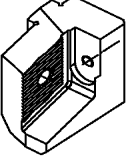

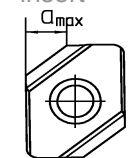
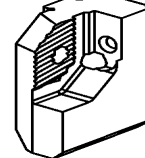

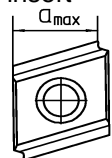

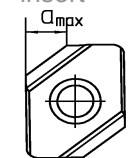
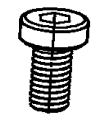

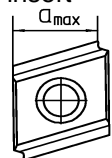

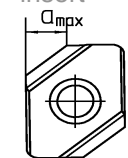
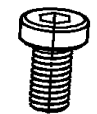
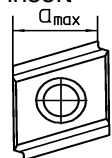

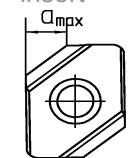
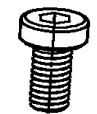

Auf Anfrage / on request:

54-2701-002AB-D186,00

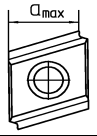
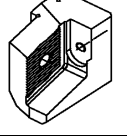

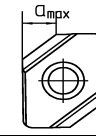
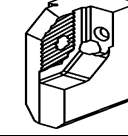
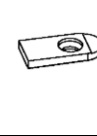

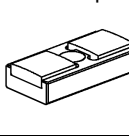
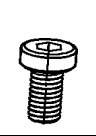
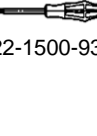
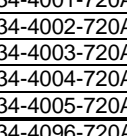
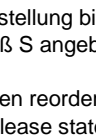
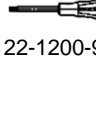



(Aufbohrkopf mit 4-gängigem Gewinde für BR-Ø 166, mit Einstellplatte, erw. Schnitttiefe, Bohr-Ø 186,00 mm)
(Counter drill head with 4-start thread for drill tube dia. 166, with stop plate, ext. depth of cut, drilling dia. 186,00 mm)

- 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.

Bohrkopfgröße Drill head size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von bis from to	Bohrkopf Drill head			Kassette mit Außenschneide Cartridge with peripheral insert						Führungsleisten Guide pads										
			Komplett Complete	Grundkörper Drill head body	Schlüssel Wrench	große Schnitttiefe / large depth of cut			kleine Schnitttiefe / small depth of cut			2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw								
						1 x Wendeplatte 1 x Indexable insert	Variante A Option A		1 x Wendeplatte 1 x Indexable insert	Variante AC Option AC												
12	43	47,00 - 47,49	54-1211-002	54-1210-112	34-1000-310 (a _{max} = 10mm)	34-1098-720A 34-1099-720A 34-1000-720A 34-1001-720A	01-2050-610-S...	34-1100-310 (a _{max} = 5mm)	34-1198-720A 34-1199-720A 34-1100-720A 34-1101-720A	01-2050-610-S...	21-0400-830 (M 4x9)	22-0900-935	29-0300-900	34-1210-412	22-1200-840 (M 3,5x11,4)							
		47,50 - 47,99	54-1212-002																			
		48,00 - 48,49	54-1213-002																			
		48,50 - 48,99	54-1214-002																			
		49,00 - 49,49	54-1221-002																			
		49,50 - 49,99	54-1222-002																			
		50,00 - 50,49	54-1223-002																			
		50,50 - 50,99	54-1224-002																			
51,00 - 51,49	54-1225-002	54-1220-112	34-1098-720A 34-1099-720A 34-1000-720A 34-1001-720A 34-1002-720A 34-1003-720A	01-0200-860 (M 2,5x4,3)	22-0600-925	22-0900-935	34-1198-720A 34-1199-720A 34-1100-720A 34-1101-720A 34-1102-720A 34-1103-720A	34-1220-412														
51,50 - 51,99	54-1226-002																					
13	47								52,00 - 52,49	54-1311-002	54-1310-112	34-2000-310 (a _{max} = 12mm)	34-2000-720A 34-2001-720A 34-2002-720A 34-2003-720A	01-2400-610-S...	34-2100-310 (a _{max} = 6mm)	34-2100-720A 34-2101-720A 34-2102-720A 34-2103-720A	01-2050-610-S...	22-0900-830 (M 4x11)	22-0900-935	29-0300-900	34-1310-412	22-1200-840 (M 3,5x11,4)
									52,50 - 52,99	54-1312-002												
									53,00 - 53,49	54-1313-002												
									53,50 - 53,99	54-1314-002												
									54,00 - 54,49	54-1321-002												
									54,50 - 54,99	54-1322-002												
		55,00 - 55,49	54-1323-002																			
		55,50 - 55,99	54-1324-002																			
56,00 - 56,49	54-1325-002	54-1320-112	34-2098-720A 34-2099-720A 34-2000-720A 34-2001-720A 34-2002-720A 34-2003-720A	21-0200-860 (M 2,5x4,7)	22-0600-925	22-0900-830 (M 4x11)	34-2198-720A 34-2199-720A 34-2100-720A 34-2101-720A 34-2102-720A 34-2103-720A	34-1320-412														
56,50 - 56,99	54-1326-002																					
14	51								57,00 - 57,49	54-1411-002	54-1410-112	34-2098-720A 34-2099-720A 34-2000-720A 34-2001-720A	22-0600-925	22-0900-830 (M 4x11)	34-2100-720A 34-2101-720A 34-2198-720A 34-2199-720A 34-2100-720A 34-2101-720A	34-1410-412						
									57,50 - 57,99	54-1412-002												
									58,00 - 58,49	54-1413-002												
									58,50 - 58,99	54-1414-002												
									59,00 - 59,49	54-1421-002												
									59,50 - 59,99	54-1422-002												
60,00 - 60,49	54-1423-002	54-1420-112	34-2098-720A 34-2099-720A 34-2000-720A 34-2001-720A	Bei Nachbestellung bitte Maß S angeben	22-0600-925	22-0900-830 (M 4x11)	34-2198-720A 34-2199-720A 34-2100-720A 34-2101-720A 34-2102-720A 34-2103-720A	34-1420-412														
60,50 - 60,99	54-1424-002																					
15	56								61,00 - 61,49	54-1511-002	54-1510-112	34-2098-720A 34-2099-720A 34-2000-720A 34-2001-720A	22-0900-935	22-0900-935	34-2198-720A 34-2199-720A 34-2100-720A 34-2101-720A	34-1510-412						
									61,50 - 61,99	54-1512-002												
									62,00 - 62,49	54-1513-002												
									62,50 - 62,99	54-1514-002												
		63,00 - 63,49	54-1515-002																			
		63,50 - 63,99	54-1516-002																			
		64,00 - 64,49	54-1521-002																			
		64,50 - 64,99	54-1522-002																			
		65,00 - 65,49	54-1523-002																			
		65,50 - 65,99	54-1524-002																			
66,00 - 66,49	54-1525-002	54-1520-112	34-2098-720A 34-2099-720A 34-2000-720A 34-2001-720A	Bei Nachbestellung bitte Maß S angeben	22-0600-925	22-0900-830 (M 4x11)	34-2198-720A 34-2199-720A 34-2100-720A 34-2101-720A 34-2102-720A 34-2103-720A	34-1520-412														
66,50 - 66,99	54-1526-002																					

Bohrkopfgröße Drill head size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von from bis to	Bohrkopf Drill head			Schnitttiefe / depth of cut						Führungsleisten Guide pads			
			Komplett Complete 	Grundkörper Drill head body 	Schlüssel Wrench 	große Schnitttiefe / large depth of cut			kleine Schnitttiefe / small depth of cut			2 x Schraube Kasette 2 x Screw Cartridge 	3 x Führungsleiste 3 x Guide pad 	3 x Schraube 3 x Screw 	
						1 x Wendeplatte 1 x Indexable insert 	Variante A Option A 1 x Kasette 1 x Cartridge 		1 x Einstellplatte 1 x Stop plate 	1 x Wendeplatte 1 x Indexable insert 	Variante AC Option AC 1 x Kasette 1 x Cartridge 				1 x Einstellplatte 1 x Stop plate 
16	62	67,00 - 67,24	54-1611-002	54-1610-112	34-1500-910		34-3096-720A	01-3750-610-S...			34-3196-720A	01-3750-610-S...		34-1610-412	
		67,25 - 67,99	54-1612-002				34-3097-720A				34-3197-720A				
		68,00 - 68,74	54-1613-002				34-3098-720A				34-3198-720A				
		68,75 - 69,49	54-1614-002				34-3099-720A				34-3199-720A				
		69,50 - 70,24	54-1615-002				34-3000-720A				34-3100-720A				
		70,25 - 70,99	54-1616-002				34-3001-720A				34-3101-720A				
		71,00 - 71,49	54-1621-002				34-3099-720A				34-3199-720A				
		71,50 - 72,24	54-1622-002				34-3000-720A				34-3100-720A				
		72,25 - 72,99	54-1623-002				34-3001-720A				34-3101-720A				
		73,00 - 73,74	54-1624-002				34-3002-720A				34-3102-720A				
73,75 - 74,49	54-1625-002	34-3003-720A	34-3103-720A												
17	68	74,50 - 75,24	54-1711-002	54-1710-112	34-3000-310 (a _{max} = 15mm)		34-3000-720A	21-0600-860 (M 3x6,7)			34-3100-310 (a _{max} = 8mm)	21-0600-860 (M 3x6,7)		34-1710-412	22-1600-840 (M 5x15)
		75,25 - 75,99	54-1712-002				34-3001-720A				34-3101-720A				
		76,00 - 76,74	54-1713-002				34-3002-720A				34-3102-720A				
		76,75 - 77,49	54-1714-002				34-3003-720A				34-3103-720A				
		77,50 - 77,99	54-1715-002				34-3004-720A				34-3104-720A				
		78,00 - 78,74	54-1721-002				34-3098-720A				34-3198-720A				
		78,75 - 79,49	54-1722-002				34-3099-720A				34-3199-720A				
		79,50 - 80,24	54-1723-002				34-3000-720A				34-3100-720A				
80,25 - 80,99	54-1724-002	34-3001-720A	34-3101-720A												
18	75	81,00 - 81,49	54-1811-002	54-1810-112	34-1800-910		34-3095-720A	Bei Nachbestellung bitte Maß S angeben When reordering please state dimension S			34-3195-720A	Bei Nachbestellung bitte Maß S angeben When reordering please state dimension S		34-1810-412	
		81,50 - 82,24	54-1812-002				34-3096-720A				34-3196-720A				
		82,25 - 82,99	54-1813-002				34-3097-720A				34-3197-720A				
		83,00 - 83,74	54-1814-002				34-3098-720A				34-3198-720A				
		83,75 - 84,49	54-1815-002				34-3099-720A				34-3199-720A				
		84,50 - 85,24	54-1816-002				34-3000-720A				34-3100-720A				
		85,25 - 85,99	54-1817-002				34-3001-720A				34-3101-720A				
		86,00 - 86,74	54-1818-002				34-3002-720A				34-3102-720A				
		86,75 - 87,24	54-1821-002				34-3096-720A				34-3196-720A				
		87,25 - 87,99	54-1822-002				34-3097-720A				34-3197-720A				
		88,00 - 88,74	54-1823-002				34-3098-720A				34-3198-720A				
		88,75 - 89,49	54-1824-002				34-3099-720A				34-3199-720A				
		89,50 - 90,24	54-1825-002				34-3000-720A				34-3100-720A				
		90,25 - 90,99	54-1826-002				34-3001-720A				34-3101-720A				
			54-1820-112										34-1820-412		

Bohrkopfgröße Drill head size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von bis from to	Bohrkopf Drill head			Kassette mit Außenschneide Cartridge with peripheral insert						Führungsleisten Guide pads				
			Komplett Complete	Grundkörper Drill head body	Schlüssel Wrench	große Schnitttiefe / large depth of cut			kleine Schnitttiefe / small depth of cut			2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw		
						1 x Wendeplatte 1 x Indexable insert	Variante A Option A		1 x Wendeplatte 1 x Indexable insert	Variante AC Option AC						
19	82	91,00 - 91,49	54-1911-002													
		91,50 - 92,24	54-1912-002												34-3095-720A	34-3195-720A
		92,25 - 92,99	54-1913-002												34-3096-720A	34-3196-720A
		92,75 - 93,49	54-1914-002												34-3097-720A	34-3197-720A
		93,00 - 93,74	54-1915-002												34-3098-720A	34-3198-720A
		93,75 - 94,49	54-1915-002												34-3099-720A	34-3199-720A
		94,50 - 95,24	54-1921-002												34-3000-720A	34-3100-720A
		95,25 - 95,99	54-1922-002												34-3001-720A	34-3101-720A
		96,00 - 96,74	54-1923-002												34-3002-720A	34-3102-720A
96,75 - 97,49	54-1924-002	34-3003-720A	34-3103-720A													
97,50 - 97,99	54-1925-002	34-3004-720A	34-3104-720A													
20	94	98,00 - 98,74	54-2011-002													
		98,75 - 99,49	54-2012-002												34-3098-720A	34-3198-720A
		99,50 - 100,24	54-2013-002												34-3099-720A	34-3199-720A
		100,25 - 100,99	54-2014-002												34-3000-720A	34-3100-720A
		101,00 - 101,74	54-2015-002												34-3001-720A	34-3101-720A
		101,75 - 102,49	54-2016-002												34-3002-720A	34-3102-720A
		102,50 - 102,99	54-2021-002												34-3003-720A	34-3103-720A
		103,00 - 103,74	54-2022-002												34-3097-720A	34-3197-720A
		103,75 - 104,49	54-2023-002												34-3098-720A	34-3198-720A
		104,50 - 105,24	54-2024-002												34-3099-720A	34-3199-720A
		105,25 - 105,99	54-2025-002												34-3000-720A	34-3100-720A
		106,00 - 106,49	54-2026-002												34-3001-720A	34-3101-720A
		106,50 - 107,24	54-2031-002												34-3002-720A	34-3102-720A
		107,25 - 107,99	54-2032-002												34-3096-720A	34-3196-720A
		108,00 - 108,74	54-2033-002												34-3097-720A	34-3197-720A
108,75 - 109,49	54-2034-002	34-3098-720A	34-3198-720A													
109,50 - 110,24	54-2035-002	34-3099-720A	34-3199-720A													
110,25 - 110,99	54-2036-002	34-3000-720A	34-3100-720A													
21	106	111,00 - 111,49	54-2111-002													
		111,50 - 112,24	54-2112-002												34-3095-720A	34-3195-720A
		112,25 - 112,99	54-2113-002												34-3096-720A	34-3196-720A
		112,75 - 113,49	54-2114-002												34-3097-720A	34-3197-720A
		113,00 - 113,74	54-2115-002												34-3098-720A	34-3198-720A
		113,75 - 114,49	54-2115-002												34-3099-720A	34-3199-720A
		114,50 - 115,24	54-2116-002												34-3000-720A	34-3100-720A
		115,25 - 115,99	54-2117-002												34-3001-720A	34-3101-720A
		116,00 - 116,74	54-2118-002												34-3002-720A	34-3102-720A
		116,75 - 117,49	54-2119-002												34-3003-720A	34-3103-720A
		117,50 - 117,99	54-2121-002												34-3097-720A	34-3197-720A
		118,00 - 118,74	54-2122-002												34-3098-720A	34-3198-720A
		118,75 - 119,49	54-2123-002												34-3099-720A	34-3199-720A
		119,50 - 120,24	54-2124-002												34-3000-720A	34-3100-720A
		120,25 - 120,99	54-2125-002												34-3001-720A	34-3101-720A
121,00 - 121,74	54-2126-002	34-3002-720A	34-3102-720A													
121,75 - 122,49	54-2127-002	34-3003-720A	34-3103-720A													
122,50 - 122,99	54-2128-002	34-3004-720A	34-3104-720A													

Bohrkopfgröße Drill head size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von from bis to		Bohrkopf Drill head			Kassette mit Außenschneide Cartridge with peripheral insert						Führungsleisten Guide pads					
				Komplett Complete	Grundkörper Drill head body	Schlüssel Wrench	große Schnitttiefe / large depth of cut			kleine Schnitttiefe / small depth of cut			2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw			
							1 x Wendepatte 1 x Indexable insert	Variante A Option A		1 x Wendepatte 1 x Indexable insert	Variante AC Option AC							
22	118	123,00 - 123,74	54-2211-002	54-2210-112	34-2000-910		34-4098-720A		34-4097-720A		34-4198-720A		34-4199-720A					
		123,75 - 124,49	54-2212-002				34-4099-720A		34-4199-720A									
		124,50 - 125,24	54-2213-002				34-4000-720A		34-4100-720A									
		125,25 - 125,99	54-2214-002				34-4001-720A		34-4101-720A									
		126,00 - 126,74	54-2215-002				34-4002-720A		34-4102-720A									
		126,75 - 127,49	54-2216-002				34-4003-720A		34-4103-720A									
		127,50 - 128,24	54-2217-002				34-4004-720A		34-4104-720A									
		128,25 - 128,99	54-2218-002				34-4005-720A		34-4105-720A									
		129,00 - 129,49	54-2221-002				34-4096-720A		34-4196-720A									
		129,50 - 130,24	54-2222-002				34-4097-720A		34-4197-720A									
		130,25 - 130,99	54-2223-002				34-4098-720A		34-4198-720A									
		131,00 - 131,74	54-2224-002				34-4099-720A		34-4199-720A									
		131,75 - 132,49	54-2225-002				34-4000-720A		34-4100-720A									
		132,50 - 133,24	54-2226-002				34-4001-720A		34-4101-720A									
		133,25 - 133,99	54-2227-002				34-4002-720A		34-4102-720A									
		134,00 - 134,74	54-2228-002				34-4003-720A		34-4103-720A									
		134,75 - 134,99	54-2229-002				34-4004-720A		34-4104-720A									
		23	130				135,00 - 135,74		54-2311-002		54-2310-112		34-2000-910					
135,75 - 136,49	54-2312-002			34-4095-720A	34-4195-720A													
136,50 - 137,24	54-2313-002			34-4096-720A	34-4196-720A													
137,25 - 137,99	54-2314-002			34-4097-720A	34-4197-720A													
138,00 - 138,74	54-2315-002			34-4098-720A	34-4198-720A													
138,75 - 139,49	54-2316-002			34-4099-720A	34-4199-720A													
139,50 - 140,24	54-2317-002			34-4000-720A	34-4100-720A													
140,25 - 140,99	54-2318-002			34-4001-720A	34-4101-720A													
141,00 - 141,74	54-2319-002			34-4002-720A	34-4102-720A													
141,75 - 142,49	54-2320-002			34-4096-720A	34-4196-720A													
142,50 - 142,99	54-2321-002			34-4097-720A	34-4197-720A													
143,00 - 143,74	54-2322-002			34-4098-720A	34-4198-720A													
143,75 - 144,49	54-2323-002			34-4099-720A	34-4199-720A													
144,50 - 145,24	54-2324-002			34-4000-720A	34-4100-720A													
145,25 - 145,99	54-2325-002			34-4001-720A	34-4101-720A													
146,00 - 146,74	54-2326-002			34-4002-720A	34-4102-720A													
146,75 - 147,49	54-2327-002			34-4003-720A	34-4103-720A													
147,50 - 148,24	54-2328-002			34-4004-720A	34-4104-720A													
148,25 - 148,99	54-2329-002	34-4005-720A	34-4105-720A															
24	130	149,00 - 149,49	54-2411-001	54-2410-111	34-2400-910		34-4096-720A			34-4196-720A		34-4196-720A						
		149,50 - 150,24	54-2412-001				34-4097-720A			34-4197-720A								
		150,25 - 150,99	54-2413-001				34-4098-720A			34-4198-720A								
		151,00 - 151,74	54-2414-001				34-4099-720A			34-4199-720A								
		151,75 - 152,49	54-2415-001				34-4000-720A			34-4100-720A								
		152,50 - 153,24	54-2416-001				34-4001-720A			34-4101-720A								
		153,25 - 153,99	54-2417-001				34-4002-720A			34-4102-720A								
		154,00 - 154,74	54-2418-001				34-4003-720A			34-4103-720A								
		154,75 - 155,49	54-2419-001				34-4004-720A			34-4104-720A								
		155,50 - 155,74	54-2421-001				34-4094-720A			34-4194-720A								
		155,75 - 156,49	54-2422-001				34-4095-720A			34-4195-720A								
		156,50 - 157,24	54-2423-001				34-4096-720A			34-4196-720A								
		157,25 - 157,99	54-2424-001				34-4097-720A			34-4197-720A								
		158,00 - 158,74	54-2425-001				34-4098-720A			34-4198-720A								
		158,75 - 159,49	54-2426-001				34-4099-720A			34-4199-720A								
		159,50 - 160,24	54-2427-001				34-4000-720A			34-4100-720A								
		160,25 - 160,99	54-2428-001				34-4001-720A			34-4101-720A								
		161,00 - 161,49	54-2429-001				34-4002-720A			34-4102-720A								
161,50 - 161,99	54-2430-001	34-4003-720A	34-4103-720A															

* Änderung 15.11.2007 wegen Vereinheitlichung FL (54-2320-002 war mit GK 54-2310-112, Grundkreis FL 34-2320-411 geändert)
 * Number change 15.11.2007 due to standardization of guide pads (old 54-2320-002 was with body 54-2310-112)

Bohrkopfgröße Drill head size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von from bis to	Bohrkopf Drill head			Kassettenhalter Cartridge holder	Kassette mit Außenschneide Cartridge with peripheral insert						Führungsleisten Guide pads		
			Komplett Complete	Grundkörper Drill head body	Schlüssel Wrench		große Schnitttiefe / large depth of cut			kleine Schnitttiefe / small depth of cut			2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw
							1 x Wendepatte 1 x Indexable insert	Variante A Option A		1 x Wendepatte 1 x Indexable insert	Variante AC Option AC				
26	154	174,00 - 174,24	54-2601-002	54-2600-112		1 x Kassettenhalter 1 x Cartridge holder	1 x Wendepatte 1 x Indexable insert	34-4096-720A	1 x Einstellplatte 1 x Stop plate	1 x Wendepatte 1 x Indexable insert	34-4196-720A	2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	
		174,25 - 174,99	54-2602-002					34-4097-720A			34-4197-720A				
		175,00 - 175,74	54-2603-002					34-4098-720A			34-4198-720A				
		175,75 - 176,49	54-2604-002					34-4099-720A			34-4199-720A				
		176,50 - 177,24	54-2605-002					34-4000-720A			34-4100-720A				
		177,25 - 177,99	54-2606-002					34-4001-720A			34-4101-720A				
		178,00 - 178,74	54-2607-002					34-4002-720A			34-4102-720A				
		178,75 - 179,49	54-2608-002					34-4003-720A			34-4103-720A				
		179,50 - 180,24	54-2609-002					34-4096-720A			34-4196-720A				
		180,25 - 180,99	54-2610-002					34-4097-720A			34-4197-720A				
		181,00 - 181,74	54-2611-002					34-4098-720A			34-4198-720A				
		181,75 - 182,49	54-2612-002					34-4099-720A			34-4199-720A				
		182,50 - 183,24	54-2613-002					34-4000-720A			34-4100-720A				
		183,25 - 183,99	54-2614-002					34-4001-720A			34-4101-720A				
		184,00 - 184,74	54-2615-002					34-4002-720A			34-4102-720A				
184,75 - 185,49	54-2616-002	34-4003-720A	34-4103-720A												
185,50 - 185,99	54-2617-002	34-4004-720A	34-4104-720A												
27	166	186,00 - 186,49	54-2701-002	54-2700-112	34-2400-910	1 x Kassettenhalter 1 x Cartridge holder	1 x Wendepatte 1 x Indexable insert	34-4095-720A	1 x Einstellplatte 1 x Stop plate	1 x Wendepatte 1 x Indexable insert	34-4195-720A	2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	
		186,50 - 187,24	54-2702-002					34-4096-720A			34-4196-720A				
		187,25 - 187,99	54-2703-002					34-4097-720A			34-4197-720A				
		188,00 - 188,74	54-2704-002					34-4098-720A			34-4198-720A				
		188,75 - 189,49	54-2705-002					34-4099-720A			34-4199-720A				
		189,50 - 190,24	54-2706-002					34-4000-720A			34-4100-720A				
		190,25 - 190,99	54-2707-002					34-4001-720A			34-4101-720A				
		191,00 - 191,74	54-2708-002					34-4002-720A			34-4102-720A				
		191,75 - 192,49	54-2709-002					34-4003-720A			34-4103-720A				
		192,50 - 193,24	54-2710-002					34-4096-720A			34-4196-720A				
		193,25 - 193,99	54-2711-002					34-4097-720A			34-4197-720A				
		194,00 - 194,74	54-2712-002					34-4098-720A			34-4198-720A				
		194,75 - 195,49	54-2713-002					34-4099-720A			34-4199-720A				
		195,50 - 196,24	54-2714-002					34-4000-720A			34-4100-720A				
		196,25 - 196,99	54-2715-002					34-4001-720A			34-4101-720A				
197,00 - 197,74	54-2716-002	34-4002-720A	34-4102-720A												
197,75 - 197,99	54-2717-002	34-4003-720A	34-4103-720A												
28	178	198,00 - 198,74	54-2801-002	54-2800-112		1 x Kassettenhalter 1 x Cartridge holder	1 x Wendepatte 1 x Indexable insert	34-4098-720A	1 x Einstellplatte 1 x Stop plate	1 x Wendepatte 1 x Indexable insert	34-4198-720A	2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	
		198,75 - 199,49	54-2802-002					34-4099-720A			34-4199-720A				
		199,50 - 200,24	54-2803-002					34-4000-720A			34-4100-720A				
		200,25 - 200,99	54-2804-002					34-4001-720A			34-4101-720A				
		201,00 - 201,74	54-2805-002					34-4002-720A			34-4102-720A				
		201,75 - 202,49	54-2806-002					34-4003-720A			34-4103-720A				
		202,50 - 203,24	54-2807-002					34-4004-720A			34-4104-720A				
		203,25 - 203,99	54-2808-002					34-4097-720A			34-4197-720A				
		204,00 - 204,74	54-2809-002					34-4098-720A			34-4198-720A				
		204,75 - 205,49	54-2810-002					34-4099-720A			34-4199-720A				
		205,50 - 206,24	54-2811-002					34-4000-720A			34-4100-720A				
		206,25 - 206,99	54-2812-002					34-4001-720A			34-4101-720A				
		207,00 - 207,74	54-2813-002					34-4002-720A			34-4102-720A				
		207,75 - 208,49	54-2814-002					34-4003-720A			34-4103-720A				
		208,50 - 209,24	54-2815-002					34-4004-720A			34-4104-720A				
209,25 - 209,99	54-2816-002	34-4005-720A	34-4105-720A												

Bohrkopfgröße Drill head size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von from bis to	Bohrkopf Drill head			Kassettenhalter Cartridge holder	Kassette mit Außenschniede Cartridge with peripheral insert						Anschlußstück Connection piece	Führungsleisten Guide pads		Mitnehmerstein Driver	Bohrkopf Drill head				
			Komplett Complete	Grundkörper Drill head body	Schlüssel Wrench		große Schnitttiefe / large depth of cut			kleine Schnitttiefe / small depth of cut				3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw		2x Mitnehmerstein 2x Driver	2x(3x) Gewindestift 2x(3x) Threaded pin	4 x Schraube 4 x Screw		
							1 x Wendetafel 1 x Indexable insert	Variante A Option A		1 x Wendetafel 1 x Indexable insert	Variante AC Option AC										
29	190	210,00 - 210,74	54-2901-002	54-2900-112	34-2400-910	1 x Kassettenhalter 1 x Cartridge holder	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	2 x Schraube 2 x Screw		3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	2x Mitnehmerstein 2x Driver	2x(3x) Gewindestift 2x(3x) Threaded pin	4 x Schraube 4 x Screw		
		210,75 - 211,49	54-2902-002																	34-4096-720A	34-4196-720A
		211,50 - 212,24	54-2903-002																	34-4097-720A	34-4197-720A
		212,25 - 212,99	54-2904-002																	34-4098-720A	34-4198-720A
		213,00 - 213,74	54-2905-002																	34-4099-720A	34-4199-720A
		213,75 - 214,49	54-2906-002																	34-4000-720A	34-4100-720A
		214,50 - 215,24	54-2907-002																	34-4001-720A	34-4101-720A
		215,25 - 215,99	54-2908-002																	34-4002-720A	34-4102-720A
		216,00 - 216,74	54-2909-002																	34-4003-720A	34-4103-720A
		216,75 - 217,49	54-2910-002																	34-4096-720A	34-4196-720A
		217,50 - 218,24	54-2911-002																	34-4097-720A	34-4197-720A
		218,25 - 218,99	54-2912-002																	34-4098-720A	34-4198-720A
		219,00 - 219,74	54-2913-002																	34-4099-720A	34-4199-720A
		219,75 - 220,49	54-2914-002																	34-4000-720A	34-4100-720A
		220,50 - 221,24	54-2915-002																	34-4001-720A	34-4101-720A
221,25 - 221,99	54-2916-002	34-4002-720A	34-4102-720A																		
30	202	222,00 - 222,74	54-3001-002	54-3000-112	34-2620-700	1 x Kassettenhalter 1 x Cartridge holder	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	2 x Schraube 2 x Screw		3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	2x Mitnehmerstein 2x Driver	2x(3x) Gewindestift 2x(3x) Threaded pin	4 x Schraube 4 x Screw		
		222,75 - 223,49	54-3002-002																	34-4098-720A	34-4198-720A
		223,50 - 224,24	54-3003-002																	34-4099-720A	34-4199-720A
		224,25 - 224,99	54-3004-002																	34-4000-720A	34-4100-720A
		225,00 - 225,74	54-3005-002																	34-4001-720A	34-4101-720A
		225,75 - 226,49	54-3006-002																	34-4002-720A	34-4102-720A
		226,50 - 227,24	54-3007-002																	34-4003-720A	34-4103-720A
		227,25 - 227,99	54-3008-002																	34-4096-720A	34-4196-720A
		228,00 - 228,74	54-3009-002																	34-4097-720A	34-4197-720A
		228,75 - 229,49	54-3010-002																	34-4098-720A	34-4198-720A
		229,50 - 230,24	54-3011-002																	34-4099-720A	34-4199-720A
		230,25 - 230,99	54-3012-002																	34-4000-720A	34-4100-720A
		231,00 - 231,74	54-3013-002																	34-4001-720A	34-4101-720A
		231,75 - 232,49	54-3014-002																	34-4002-720A	34-4102-720A
		232,50 - 233,24	54-3015-002																	34-4003-720A	34-4103-720A
233,25 - 233,99	54-3016-002	34-4004-720A	34-4104-720A																		
31	214	234,00 - 234,49	54-3101-002	54-3100-112	34-2620-700	1 x Kassettenhalter 1 x Cartridge holder	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	2 x Schraube 2 x Screw		3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	2x Mitnehmerstein 2x Driver	2x(3x) Gewindestift 2x(3x) Threaded pin	4 x Schraube 4 x Screw		
		234,50 - 235,24	54-3102-002																	34-4096-720A	34-4196-720A
		235,25 - 235,99	54-3103-002																	34-4097-720A	34-4197-720A
		236,00 - 236,74	54-3104-002																	34-4098-720A	34-4198-720A
		236,75 - 237,49	54-3105-002																	34-4099-720A	34-4199-720A
		237,50 - 238,24	54-3106-002																	34-4000-720A	34-4100-720A
		238,25 - 238,99	54-3107-002																	34-4001-720A	34-4101-720A
		239,00 - 239,74	54-3108-002																	34-4002-720A	34-4102-720A
		239,75 - 240,49	54-3109-002																	34-4003-720A	34-4103-720A
		240,50 - 241,24	54-3110-002																	34-4096-720A	34-4196-720A
		241,25 - 241,99	54-3111-002																	34-4097-720A	34-4197-720A
		242,00 - 242,74	54-3112-002																	34-4098-720A	34-4198-720A
		242,75 - 243,49	54-3113-002																	34-4099-720A	34-4199-720A
		243,50 - 244,24	54-3114-002																	34-4000-720A	34-4100-720A
		244,25 - 244,99	54-3115-002																	34-4001-720A	34-4101-720A
245,00 - 245,74	54-3116-002	34-4002-720A	34-4102-720A																		
245,75 - 245,99	54-3117-002	34-4003-720A	34-4103-720A																		
32	226	246,00 - 246,49	54-3201-002	54-3200-112	34-2620-700	1 x Kassettenhalter 1 x Cartridge holder	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	2 x Schraube 2 x Screw		3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	2x Mitnehmerstein 2x Driver	2x(3x) Gewindestift 2x(3x) Threaded pin	4 x Schraube 4 x Screw		
		246,50 - 247,24	54-3202-002																	34-4096-720A	34-4196-720A
		247,25 - 247,99	54-3203-002																	34-4097-720A	34-4197-720A
		248,00 - 248,74	54-3204-002																	34-4098-720A	34-4198-720A
		248,75 - 249,49	54-3205-002																	34-4099-720A	34-4199-720A
		249,50 - 250,24	54-3206-002																	34-4000-720A	34-4100-720A
		250,25 - 250,99	54-3207-002																	34-4001-720A	34-4101-720A
		251,00 - 251,74	54-3208-002																	34-4002-720A	34-4102-720A
		251,75 - 252,49	54-3209-002																	34-4003-720A	34-4103-720A
		252,50 - 253,24	54-3210-002																	34-4096-720A	34-4196-720A
		253,25 - 253,99	54-3211-002																	34-4097-720A	34-4197-720A
		254,00 - 254,74	54-3212-002																	34-4098-720A	34-4198-720A
		254,75 - 255,49	54-3213-002																	34-4099-720A	34-4199-720A
		255,50 - 256,24	54-3214-002																	34-4000-720A	34-4100-720A
		256,25 - 256,99	54-3215-002																	34-4001-720A	34-4101-720A
257,00 - 257,74	54-3216-002	34-4002-720A	34-4102-720A																		
257,75 - 257,99	54-3217-002	34-4003-720A	34-4103-720A																		
33	238	258,00 - 258,74	54-3301-002	54-3300-112	34-3310-700	1 x Kassettenhalter 1 x Cartridge holder	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	1 x Wendetafel 1 x Indexable insert	1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	2 x Schraube 2 x Screw		3 x Führungsleiste 3 x Guide pad	3 x Schraube 3 x Screw	2x Mitnehmerstein 2x Driver	2x(3x) Gewindestift 2x(3x) Threaded pin	4 x Schraube 4 x Screw		
		258,75 - 259,49	54-3302-002																	34-4096-720A	34-4196-720A
		259,50 - 260,24	54-3303-002																	34-4097-720A	34-4197-720A
		260,25 - 260,99	54-3304-002																	34-4098-720A	34-4198-720A
		261,00 - 261,74	54-3305-002																	34-4099-720A	34-4199-720A
		261,75 - 262,49	54-3306-002																	34-4000-720A	34-4100-720A
		262,50 - 263,24	54-3307-002																	34-4001-720A	34-4101-720A
		263,25 - 263,99	54-3308-002																	34-4002-720A	34-4102-720A
		264,00 - 264,74	54-3309-002																	34-4003-720A	34-4103-720A
		264,75 - 265,49	54-3310-002																	34-4096-720A	34-4196-720A
		265,50 - 266,24	54-3311-002																	34-4097-720A	34-4197-720A
		266,25 - 266,99	54-3312-002																	34-4098-720A	34-4198-720A
		267,00 - 267,74	54-3313-002																	34-4099-720A	34-4199-720A
		267,75 - 268,49	54-3314-002																	34-4000-720A	34-4100-720A
		268,50 - 269,24	54-3315-002																	34-4001-720A	34-4101-720A
269,25 - 269,49	54-3316-002	34-4002-720A	34-4102-720A																		

Bohrkopfgröße Drill head size	Bohrrohr ø Da Drill tube outer dia Da [mm]	Bohrbereich Drilling range von from bis to	Bohrkopf Drill head			Kassettenhalter Cartridge holder	Kassette mit Außenschneide Cartridge with peripheral insert						Anschlußstück Connection piece	Führungsleisten Guide pads		Mitnehmerstein Driver	Bohrkopf Drill head						
			Komplett Complete	Grundkörper Drill head body	Schlüssel Wrench		große Schnitttiefe / large depth of cut			kleine Schnitttiefe / small depth of cut				2 x Schraube Kassette 2 x Screw Cartridge	3 x Führungsleiste 3 x Guide pad		3 x Schraube 3 x Screw	2x(3x) Gewindestift 2x(3x) Threaded pin	4 x Schraube 4 x Screw				
							1 x Wendepatte 1 x Indexable insert	Variante A Option A 1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate	1 x Wendepatte insert 1 x Indexable insert	Variante AC Option AC 1 x Kassette 1 x Cartridge	1 x Einstellplatte 1 x Stop plate											
37	262	306,00 - 306,74																					
		306,75 - 307,49																		54-3701-002	34-3310-700	34-4097-720A	34-4197-720A
		307,50 - 308,24																		54-3702-002	(2x) M 8x50 DIN 912	34-4098-720A	34-4198-720A
		308,25 - 308,99																		54-3703-002		34-4099-720A	34-4199-720A
		308,99 - 309,74																		54-3704-002		34-4000-720A	34-4100-720A
		309,75 - 310,49																		54-3705-002		34-4001-720A	34-4101-720A
		310,50 - 311,24																		54-3706-002		34-4002-720A	34-4102-720A
		311,25 - 311,99																		54-3707-002		34-4003-720A	34-4103-720A
		312,00 - 312,74																		54-3708-002		34-4004-720A	34-4104-720A
		312,75 - 313,49																		54-3709-002		34-4097-720A	34-4197-720A
		313,50 - 314,24																		54-3710-002		34-4098-720A	34-4198-720A
		314,25 - 314,99																		54-3711-002		34-4099-720A	34-4199-720A
		315,00 - 315,74																		54-3712-002		34-4000-720A	34-4100-720A
		315,75 - 316,49																		54-3713-002		34-4001-720A	34-4101-720A
		316,50 - 317,24																		54-3714-002		34-4002-720A	34-4102-720A
		317,25 - 317,99																		54-3715-002		34-4003-720A	34-4103-720A
318,00 - 318,74	54-3716-002	34-4004-720A	34-4104-720A																				
318,75 - 319,49	54-3801-002	34-3310-700	34-4097-720A	34-4197-720A																			
319,50 - 320,24	54-3802-002	(2x) M 8x50 DIN 912	34-4098-720A	34-4198-720A																			
320,25 - 320,99	54-3803-002		34-4099-720A	34-4199-720A																			
321,00 - 321,74	54-3804-002		34-4000-720A	34-4100-720A																			
321,75 - 322,49	54-3805-002		34-4001-720A	34-4101-720A																			
322,50 - 323,24	54-3806-002		34-4002-720A	34-4102-720A																			
323,25 - 323,99	54-3807-002		34-4003-720A	34-4103-720A																			
324,00 - 324,74	54-3808-002		34-4004-720A	34-4104-720A																			
324,75 - 325,49	54-3809-002		34-4097-720A	34-4197-720A																			
325,50 - 326,24	54-3810-002		34-4098-720A	34-4198-720A																			
326,25 - 326,99	54-3811-002		34-4099-720A	34-4199-720A																			
327,00 - 327,74	54-3812-002		34-4000-720A	34-4100-720A																			
327,75 - 328,49	54-3813-002		34-4001-720A	34-4101-720A																			
328,50 - 329,24	54-3814-002		34-4002-720A	34-4102-720A																			
329,25 - 329,99	54-3815-002		34-4003-720A	34-4103-720A																			
330,00 - 330,74	54-3816-002		34-4004-720A	34-4104-720A																			
330,75 - 331,49	54-3801-002		34-3310-700	34-4097-720A	34-4197-720A																		
331,50 - 332,24	54-3802-002		(2x) M 8x50 DIN 912	34-4098-720A	34-4198-720A																		
332,25 - 332,99	54-3803-002		34-4099-720A	34-4199-720A																			
333,00 - 333,74	54-3804-002		34-4000-720A	34-4100-720A																			
333,75 - 334,49	54-3805-002		34-4001-720A	34-4101-720A																			
334,50 - 335,24	54-3806-002		34-4002-720A	34-4102-720A																			
335,25 - 335,99	54-3807-002		34-4003-720A	34-4103-720A																			
336,00 - 336,74	54-3808-002		34-4004-720A	34-4104-720A																			
336,75 - 337,49	54-3809-002		34-4097-720A	34-4197-720A																			
337,50 - 338,24	54-3810-002		34-4098-720A	34-4198-720A																			
338,25 - 338,99	54-3811-002		34-4099-720A	34-4199-720A																			
339,00 - 339,74	54-3812-002		34-4000-720A	34-4100-720A																			
339,75 - 340,49	54-3813-002		34-4001-720A	34-4101-720A																			
340,50 - 341,24	54-3814-002		34-4002-720A	34-4102-720A																			
341,25 - 341,99	54-3815-002		34-4003-720A	34-4103-720A																			
342,00 - 342,74	54-3816-002		34-4004-720A	34-4104-720A																			
342,75 - 343,49	54-3901-002		34-3310-700	34-4097-720A	34-4197-720A																		
343,50 - 344,24	54-3902-002		(2x) M 8x50 DIN 912	34-4098-720A	34-4198-720A																		
344,25 - 344,99	54-3903-002		34-4099-720A	34-4199-720A																			
345,00 - 345,74	54-3904-002		34-4000-720A	34-4100-720A																			
345,75 - 346,49	54-3905-002		34-4001-720A	34-4101-720A																			
346,50 - 347,24	54-3906-002		34-4002-720A	34-4102-720A																			
347,25 - 347,99	54-3907-002		34-4003-720A	34-4103-720A																			
348,00 - 348,74	54-3908-002		34-4004-720A	34-4104-720A																			
348,75 - 349,49	54-3909-002		34-4097-720A	34-4197-720A																			
349,50 - 350,24	54-3910-002		34-4098-720A	34-4198-720A																			
350,25 - 350,99	54-3911-002		34-4099-720A	34-4199-720A																			
351,00 - 351,74	54-3912-002		34-4000-720A	34-4100-720A																			
351,75 - 352,49	54-3913-002		34-4001-720A	34-4101-720A																			
352,50 - 353,24	54-3914-002		34-4002-720A	34-4102-720A																			
353,25 - 353,99	54-3915-002		34-4003-720A	34-4103-720A																			
353,25 - 353,99	54-4016-002		34-4004-720A	34-4104-720A																			