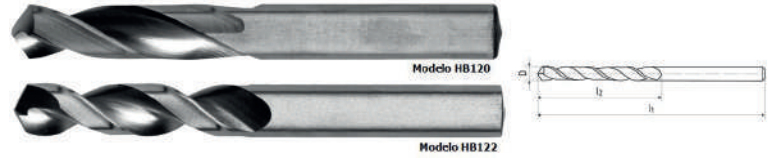


Broca Cilíndrica HSS Serie Extra-Corta

- HB120 > DIN 1897 -Tipo N - Punta 118° -Hélice 25/30° - HSS
- HB122 > DIN 1897 -Tipo GT100-C - Punta 128° -Hélice 39° - HSS-CO5



Referencia HSS	Referencia HSS-CO5	Ø D	I1 Long. Total	I2 Long. Corte
HB120.0100	-	1	26	6
HB120.0110	-	1.1	28	7
HB120.0120	-	1.2	30	8
HB120.0125	-	1.25	30	8
HB120.0130	-	1.3	30	8
HB120.0140	-	1.4	32	9
HB120.0150	-	1.5	32	9
HB120.0160	-	1.6	34	10
HB120.0170	-	1.7	34	10
HB120.0175	-	1.75	36	11
HB120.0180	-	1.8	36	11
HB120.0190	-	1.9	36	11
HB120.0200	HB122.0200	2	38	12
HB120.0210	HB122.0210	2.1	38	12
HB120.0220	HB122.0220	2.2	40	13
HB120.0225	HB122.0225	2.25	40	13
HB120.0230	HB122.0230	2.3	40	13
HB120.0240	HB122.0240	2.4	43	14
HB120.0250	HB122.0250	2.5	43	14
HB120.0260	HB122.0260	2.6	43	14
HB120.0270	HB122.0270	2.7	46	16
HB120.0275	HB122.0275	2.75	46	16
HB120.0280	HB122.0280	2.8	46	16
HB120.0290	HB122.0290	2.9	46	16
HB120.0300	HB122.0300	3	46	16
HB120.0310	HB122.0310	3.1	49	18
HB120.0320	HB122.0320	3.2	49	18
HB120.0325	HB122.0325	3.25	49	18
HB120.0330	HB122.0330	3.3	49	18
HB120.0340	HB122.0340	3.4	52	20
HB120.0350	HB122.0350	3.5	52	20
HB120.0360	HB122.0360	3.6	52	20
HB120.0370	HB122.0370	3.7	52	20
HB120.0375	HB122.0375	3.75	52	20
HB120.0380	HB122.0380	3.8	55	22
HB120.0390	HB122.0390	3.9	55	22
HB120.0400	HB122.0400	4	55	22
HB120.0410	HB122.0410	4.1	55	22
HB120.0420	HB122.0420	4.2	55	22
HB120.0425	HB122.0425	4.25	55	22
HB120.0430	HB122.0430	4.3	58	24
HB120.0440	HB122.0440	4.4	58	24
HB120.0450	HB122.0450	4.5	58	24
HB120.0460	HB122.0460	4.6	58	24
HB120.0470	HB122.0470	4.7	58	24
HB120.0475	HB122.0475	4.75	58	24
HB120.0480	HB122.0480	4.8	62	26
HB120.0490	HB122.0490	4.9	62	26
HB120.0500	HB122.0500	5	62	26
HB120.0510	HB122.0510	5.1	62	26
HB120.0520	HB122.0520	5.2	62	26
HB120.0525	HB122.0525	5.25	62	26
HB120.0530	HB122.0530	5.3	62	26
HB120.0540	HB122.0540	5.4	66	28
HB120.0550	HB122.0550	5.5	66	28
HB120.0560	HB122.0560	5.6	66	28
HB120.0570	HB122.0570	5.7	66	28
HB120.0580	HB122.0580	5.8	66	28

Referencia HSS	Referencia HSS-CO5	Ø D	I1 Long. Total	I2 Long. Corte
HB120.0590	HB122.0590	5.9	66	28
HB120.0600	HB122.0600	6	66	28
HB120.0610	HB122.0610	6.1	70	31
HB120.0620	HB122.0620	6.2	70	31
HB120.0630	HB122.0630	6.3	70	31
HB120.0640	HB122.0640	6.4	70	31
HB120.0650	HB122.0650	6.5	70	31
HB120.0660	HB122.0660	6.6	70	31
HB120.0670	HB122.0670	6.7	70	31
HB120.0680	HB122.0680	6.8	74	34
HB120.0690	HB122.0690	6.9	74	34
HB120.0700	HB122.0700	7	74	34
HB120.0710	HB122.0710	7.1	74	34
HB120.0720	HB122.0720	7.2	74	34
HB120.0730	HB122.0730	7.3	74	34
HB120.0740	HB122.0740	7.4	74	34
HB120.0750	HB122.0750	7.5	74	34
HB120.0760	HB122.0760	7.6	79	37
HB120.0770	HB122.0770	7.7	79	37
HB120.0780	HB122.0780	7.8	79	37
HB120.0790	HB122.0790	7.9	79	37
HB120.0800	HB122.0800	8	79	37
HB120.0810	HB122.0810	8.1	79	37
HB120.0820	HB122.0820	8.2	79	37
HB120.0830	HB122.0830	8.3	79	37
HB120.0840	HB122.0840	8.4	79	37
HB120.0850	HB122.0850	8.5	79	37
HB120.0860	HB122.0860	8.6	84	40
HB120.0870	HB122.0870	8.7	84	40
HB120.0880	HB122.0880	8.8	84	40
HB120.0890	HB122.0890	8.9	84	40
HB120.0900	HB122.0900	9	84	40
HB120.0910	HB122.0910	9.1	84	40
HB120.0920	HB122.0920	9.2	84	40
HB120.0930	HB122.0930	9.3	84	40
HB120.0940	HB122.0940	9.4	84	40
HB120.0950	HB122.0950	9.5	84	40
HB120.0960	HB122.0960	9.6	89	43
HB120.0970	HB122.0970	9.7	89	43
HB120.0980	HB122.0980	9.8	89	43
HB120.0990	HB122.0990	9.9	89	43
HB120.1000	HB122.1000	10	89	43
HB120.1020	HB122.1020	10.2	89	43
HB120.1050	HB122.1050	10.5	89	43
HB120.1080	HB122.1080	10.8	95	47
HB120.1100	HB122.1100	11	95	47
HB120.1120	HB122.1120	11.2	95	47
HB120.1150	HB122.1150	11.5	95	47
HB120.1180	HB122.1180	11.8	95	47
HB120.1200	HB122.1200	12	102	51
HB120.1220	HB122.1220	12.2	102	51
HB120.1250	HB122.1250	12.5	102	51
HB120.1280	HB122.1280	12.8	102	51
HB120.1300	HB122.1300	13	102	51
HB120.1320	HB122.1320	13.2	102	51
HB120.1350	HB122.1350	13.5	107	54
HB120.1380	HB122.1380	13.8	107	54
HB120.1400	HB122.1400	14	107	54

Broca Cilíndrica HSS - Serie Estándar

- HB124 > DIN 338 -Tipo N - Punta 118° - HSS
- HB126 > DIN 338 -Tipo C - Punta 128° - HSS-C05

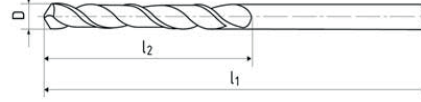


Referencia HSS	Referencia HSS-C05	Ø D	I1 Long. Total	I2 Long. Corte
HB124.0030	-	0,3	19	4
HB124.0035	-	0,35	19	4
HB124.0040	-	0,4	20	5
HB124.0045	-	0,45	20	5
HB124.0050	-	0,5	22	6
HB124.0055	-	0,55	24	7
HB124.0060	-	0,6	24	7
HB124.0065	-	0,65	26	8
HB124.0070	-	0,7	28	9
HB124.0075	-	0,75	28	9
HB124.0080	-	0,8	30	10
HB124.0085	-	0,85	30	10
HB124.0090	-	0,9	32	11
HB124.0095	-	0,95	32	11
HB124.0100	HB126.0100	1	34	12
HB124.0105	-	1,05	34	12
HB124.0110	HB126.0110	1,1	36	14
HB124.0115	-	1,15	36	14
HB124.0120	HB126.0120	1,2	38	16
HB124.0125	-	1,25	38	16
HB124.0130	HB126.0130	1,3	38	16
HB124.0135	-	1,35	40	18
HB124.0140	HB126.0140	1,4	40	18
HB124.0145	-	1,45	40	18
HB124.0150	HB126.0150	1,5	40	18
HB124.0155	-	1,55	43	20
HB124.0160	HB126.0160	1,6	43	20
HB124.0165	-	1,65	43	20
HB124.0170	HB126.0170	1,7	43	20
HB124.0175	-	1,75	46	22
HB124.0180	HB126.0180	1,8	46	22
HB124.0185	-	1,85	46	22
HB124.0190	HB126.0190	1,9	46	22
HB124.0195	-	1,95	49	24
HB124.0200	HB126.0200	2	49	24
HB124.0205	-	2,05	49	24
HB124.0210	HB126.0210	2,1	49	24
HB124.0215	-	2,15	53	27
HB124.0220	HB126.0220	2,2	53	27
HB124.0225	-	2,25	53	27
HB124.0230	HB126.0230	2,3	53	27
HB124.0235	-	2,35	53	27
HB124.0240	HB126.0240	2,4	57	30
HB124.0245	-	2,45	57	30
HB124.0250	HB126.0250	2,5	57	30
HB124.0255	-	2,55	57	30
HB124.0260	HB126.0260	2,6	57	30
HB124.0265	-	2,65	57	30
HB124.0270	HB126.0270	2,7	61	33
HB124.0275	-	2,75	61	33
HB124.0280	HB126.0280	2,8	61	33
HB124.0285	-	2,85	61	33
HB124.0290	HB126.0290	2,9	61	33
HB124.0295	-	2,95	61	33
HB124.0300	HB126.0300	3	61	33
HB124.0310	HB126.0310	3,1	65	36

Referencia HSS	Referencia HSS-C05	Ø D	I1 Long. Total	I2 Long. Corte
HB124.0320	HB126.0320	3,2	65	36
HB124.0330	HB126.0330	3,3	65	36
HB124.0340	HB126.0340	3,4	70	39
HB124.0350	HB126.0350	3,5	70	39
HB124.0360	HB126.0360	3,6	70	39
HB124.0370	HB126.0370	3,7	70	39
HB124.0380	HB126.0380	3,8	75	43
HB124.0390	HB126.0390	3,9	75	43
HB124.0400	HB126.0400	4	75	43
HB124.0410	HB126.0410	4,1	75	43
HB124.0420	HB126.0420	4,2	75	43
HB124.0430	HB126.0430	4,3	80	47
HB124.0440	HB126.0440	4,4	80	47
HB124.0450	HB126.0450	4,5	80	47
HB124.0460	HB126.0460	4,6	80	47
HB124.0470	HB126.0470	4,7	80	47
HB124.0480	HB126.0480	4,8	86	52
HB124.0490	HB126.0490	4,9	86	52
HB124.0500	HB126.0500	5	86	52
HB124.0510	HB126.0510	5,1	86	52
HB124.0520	HB126.0520	5,2	86	52
HB124.0530	HB126.0530	5,3	86	52
HB124.0540	HB126.0540	5,4	93	57
HB124.0540	HB126.0540	5,5	93	57
HB124.0560	HB126.0560	5,6	93	57
HB124.0570	HB126.0570	5,7	93	57
HB124.0580	HB126.0580	5,8	93	57
HB124.0590	HB126.0590	5,9	93	57
HB124.0600	HB126.0600	6	93	57
HB124.0610	HB126.0610	6,1	101	63
HB124.0620	HB126.0620	6,2	101	63
HB124.0630	HB126.0630	6,3	101	63
HB124.0640	HB126.0640	6,4	101	63
HB124.0650	HB126.0650	6,5	101	63
HB124.0660	HB126.0660	6,6	101	63
HB124.0670	HB126.0670	6,7	101	63
HB124.0680	HB126.0680	6,8	109	69
HB124.0690	HB126.0690	6,9	109	69
HB124.0700	HB126.0700	7	109	69
HB124.0710	HB126.0710	7,1	109	69
HB124.0720	HB126.0720	7,2	109	69
HB124.0730	HB126.0730	7,3	109	69
HB124.0740	HB126.0740	7,4	109	69
HB124.0750	HB126.0750	7,5	109	69
HB124.0760	HB126.0760	7,6	117	75
HB124.0770	HB126.0770	7,7	117	75
HB124.0780	HB126.0780	7,8	117	75
HB124.0790	HB126.0790	7,9	117	75
HB124.0800	HB126.0800	8	117	75
HB124.0810	HB126.0810	8,1	117	75
HB124.0820	HB126.0820	8,2	117	75
HB124.0830	HB126.0830	8,3	117	75
HB124.0840	HB126.0840	8,4	117	75
HB124.0850	HB126.0850	8,5	117	75

Broca Cilíndrica HSS - Serie Estándar

- HB124 > DIN 338 -Tipo N - Punta 118° - HSS
- HB126 > DIN 338 -Tipo C - Punta 128° - HSS-C05

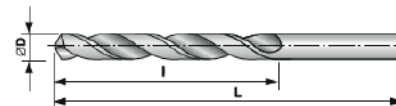


Referencia HSS	Referencia HSS-C05	Ø D	I1 Long. Total	I2 Long. Corte
HB124.0860	HB126.0860	8,6	125	81
HB124.0870	HB126.0870	8,7	125	81
HB124.0880	HB126.0880	8,8	125	81
HB124.0890	HB126.0890	8,9	125	81
HB124.0900	HB126.0900	9	125	81
HB124.0910	HB126.0910	9,1	125	81
HB124.0920	HB126.0920	9,2	125	81
HB124.0930	HB126.0930	9,3	125	81
HB124.0940	HB126.0940	9,4	125	81
HB124.0950	HB126.0950	9,5	125	81
HB124.0960	HB126.0960	9,6	133	87
HB124.0970	HB126.0970	9,7	133	87
HB124.0980	HB126.0980	9,8	133	87
HB124.0990	HB126.0990	9,9	133	87
HB124.1000	HB126.1000	10	133	87
HB124.1010	-	10,1	133	87
HB124.1020	HB126.1020	10,2	133	87
HB124.1030	-	10,3	133	87
HB124.1040	-	10,4	133	87
HB124.1050	HB126.1050	10,5	133	87
HB124.1060	-	10,6	133	87
HB124.1070	-	10,7	142	94
HB124.1080	HB126.1080	10,8	142	94
HB124.1090	-	10,9	142	94
HB124.1100	HB126.1100	11	142	94
HB124.1110	-	11,1	142	94
HB124.1120	HB126.1120	11,2	142	94
HB124.1130	-	11,3	142	94
HB124.1140	-	11,4	142	94
HB124.1150	HB126.1150	11,5	142	94
HB124.1160	-	11,6	142	94
HB124.1170	-	11,7	142	94
HB124.1180	HB126.1180	11,8	142	94
HB124.1190	-	11,9	151	101
HB124.1200	HB126.1200	12	151	101
HB124.1210	-	12,1	151	101
HB124.1220	HB126.1220	12,2	151	101
HB124.1230	-	12,3	151	101
HB124.1240	-	12,4	151	101
HB124.1250	HB126.1250	12,5	151	101
HB124.1260	-	12,6	151	101
HB124.1270	-	12,7	151	101
HB124.1280	HB126.1280	12,8	151	101
HB124.1290	-	12,9	151	101

Referencia HSS	Referencia HSS-C05	Ø D	I1 Long. Total	I2 Long. Corte
HB124.1300	HB126.1300	13	151	101
HB124.1310	-	13,1	151	101
HB124.1320	HB126.1320	13,2	151	101
HB124.1330	-	13,3	160	108
HB124.1340	-	13,4	160	108
HB124.1350	HB126.1350	13,5	160	108
HB124.1360	-	13,6	160	108
HB124.1370	-	13,7	160	108
HB124.1380	HB126.1380	13,8	160	108
HB124.1390	-	13,9	160	108
HB124.1400	HB126.1400	14	160	108
HB124.1410	-	14,1	169	114
HB124.1420	-	14,2	169	114
HB124.1425	-	14,25	169	114
HB124.1430	-	14,3	169	114
HB124.1440	-	14,4	169	114
HB124.1450	HB126.1450	14,5	169	114
HB124.1460	-	14,6	169	114
HB124.1470	-	14,7	169	114
HB124.1475	-	14,75	169	114
HB124.1480	-	14,8	169	114
HB124.1490	-	14,9	169	114
HB124.1500	HB126.1500	15	169	114
HB124.1525	-	15,25	178	120
HB124.1550	HB126.1550	15,5	178	120
HB124.1575	-	15,75	178	120
HB124.1600	HB126.1600	16	178	120
HB124.1625	-	16,25	184	125
HB124.1650	HB126.1650	16,5	184	125
HB124.1675	-	16,75	184	125
HB124.1700	HB126.1700	17	184	125
HB124.1725	-	17,25	191	130
HB124.1750	HB126.1750	17,5	191	130
HB124.1775	-	17,75	191	130
HB124.1800	HB126.1800	18	191	130
HB124.1825	-	18,25	198	135
HB124.1850	HB126.1850	18,5	198	135
HB124.1875	-	18,75	198	135
HB124.1900	HB126.1900	19	198	135
HB124.1925	-	19,25	205	140
HB124.1950	HB126.1950	19,5	205	140
HB124.1975	-	19,75	205	140
HB124.2000	HB126.2000	20	205	140

Broca HSS - Cilíndrica - DIN 338 - Recubrimiento Tin

• Características: DIN 338 -Tipo N - Punta 118° - HSS



Referencia	Ø D	L	I
HB125.0100	1,00	34	12
HB125.0105	1,05	34	12
HB125.0110	1,10	36	14
HB125.0115	1,15	36	14
HB125.0120	1,20	38	16
HB125.0125	1,25	38	16
HB125.0130	1,30	38	16
HB125.0135	1,35	40	18
HB125.0140	1,40	40	18
HB125.0145	1,45	40	18
HB125.0150	1,50	40	18
HB125.0155	1,55	43	20
HB125.0160	1,60	43	20
HB125.0165	1,65	43	20
HB125.0170	1,70	43	20
HB125.0175	1,75	46	22
HB125.0180	1,80	46	22
HB125.0185	1,85	46	22
HB125.0190	1,90	46	22
HB125.0195	1,95	49	24
HB125.0200	2,00	49	24
HB125.0205	2,05	49	24
HB125.0210	2,10	49	24
HB125.0215	2,15	53	27
HB125.0220	2,20	53	27
HB125.0225	2,25	53	27
HB125.0230	2,30	53	27
HB125.0235	2,35	53	27
HB125.0240	2,40	57	30
HB125.0245	2,45	57	30
HB125.0250	2,50	57	30
HB125.0255	2,55	57	30
HB125.0260	2,60	57	30
HB125.0265	2,65	57	30
HB125.0270	2,70	61	33
HB125.0275	2,75	61	33
HB125.0280	2,80	61	33
HB125.0285	2,85	61	33
HB125.0290	2,90	61	33
HB125.0295	2,95	61	33
HB125.0300	3,00	61	33
HB125.0310	3,10	65	36
HB125.0320	3,20	65	36
HB125.0330	3,30	65	36
HB125.0340	3,40	70	39
HB125.0350	3,50	70	39
HB125.0360	3,60	70	39
HB125.0370	3,70	70	39
HB125.0380	3,80	75	43
HB125.0390	3,90	75	43
HB125.0400	4,00	75	43
HB125.0410	4,10	75	43
HB125.0420	4,20	75	43
HB125.0430	4,30	80	47
HB125.0440	4,40	80	47
HB125.0450	4,50	80	47
HB125.0460	4,60	80	47
HB125.0470	4,70	80	47

Referencia	Ø D	L	I
HB125.0480	4,80	86	52
HB125.0490	4,90	86	52
HB125.0500	5,00	86	52
HB125.0510	5,10	86	52
HB125.0520	5,20	86	52
HB125.0530	5,30	86	52
HB125.0540	5,40	93	57
HB125.0550	5,50	93	57
HB125.0560	5,60	93	57
HB125.0570	5,70	93	57
HB125.0580	5,80	93	57
HB125.0590	5,90	93	57
HB125.0600	6,00	93	57
HB125.0610	6,10	101	63
HB125.0620	6,20	101	63
HB125.0630	6,30	101	63
HB125.0640	6,40	101	63
HB125.0650	6,50	101	63
HB125.0660	6,60	101	63
HB125.0670	6,70	101	63
HB125.0680	6,80	109	69
HB125.0690	6,90	109	69
HB125.0700	7,00	109	69
HB125.0710	7,10	109	69
HB125.0720	7,20	109	69
HB125.0730	7,30	109	69
HB125.0740	7,40	109	69
HB125.0750	7,50	109	69
HB125.0760	7,60	117	75
HB125.0770	7,70	117	75
HB125.0780	7,80	117	75
HB125.0790	7,90	117	75
HB125.0800	8,00	117	75
HB125.0810	8,10	117	75
HB125.0820	8,20	117	75
HB125.0830	8,30	117	75
HB125.0840	8,40	117	75
HB125.0850	8,50	117	75
HB125.0860	8,60	125	81
HB125.0870	8,70	125	81
HB125.0880	8,80	125	81
HB125.0890	8,90	125	81
HB125.0900	9,00	125	81
HB125.0910	9,10	125	81
HB125.0920	9,20	125	81
HB125.0930	9,30	125	81
HB125.0940	9,40	125	81
HB125.0950	9,50	125	81
HB125.0960	9,60	133	87
HB125.0970	9,70	133	87
HB125.0980	9,80	133	87
HB125.0990	9,90	133	87
HB125.1000	10,00	133	87
HB125.1010	10,10	133	87
HB125.1020	10,20	133	87
HB125.1030	10,30	133	87
HB125.1040	10,40	133	87
HB125.1050	10,50	133	87

Referencia	Ø D	L	I
HB125.1060	10,60	133	87
HB125.1070	10,70	142	94
HB125.1080	10,80	142	94
HB125.1090	10,90	142	94
HB125.1100	11,00	142	94
HB125.1110	11,10	142	94
HB125.1120	11,20	142	94
HB125.1130	11,30	142	94
HB125.1140	11,40	142	94
HB125.1150	11,50	142	94
HB125.1160	11,60	142	94
HB125.1170	11,70	142	94
HB125.1180	11,80	142	94
HB125.1190	11,90	151	101
HB125.1200	12,00	151	101
HB125.1210	12,10	151	101
HB125.1220	12,20	151	101
HB125.1230	12,30	151	101
HB125.1240	12,40	151	101
HB125.1250	12,50	151	101
HB125.1260	12,60	151	101
HB125.1270	12,70	151	101
HB125.1280	12,80	151	101
HB125.1290	12,90	151	101
HB125.1300	13,00	151	101
HB125.1310	13,10	151	101
HB125.1320	13,20	151	101
HB125.1330	13,30	160	108
HB125.1340	13,40	160	108
HB125.1350	13,50	160	108
HB125.1360	13,60	160	108
HB125.1370	13,70	160	108
HB125.1380	13,80	160	108
HB125.1390	13,90	160	108
HB125.1400	14,00	160	108
HB125.1410	14,10	169	114
HB125.1420	14,20	169	114
HB125.14250	14,25	169	114
HB125.1430	14,30	169	114
HB125.1440	14,40	169	114
HB125.1450	14,50	169	114
HB125.1460	14,60	169	114
HB125.1470	14,70	169	114
HB125.14750	14,75	169	114
HB125.1480	14,80	169	114
HB125.1490	14,90	169	114
HB125.1500	15,00	169	114
HB125.15250	15,25	178	120
HB125.1550	15,50	178	120
HB125.15750	15,75	178	120
HB125.1600	16,00	178	120
HB125.1700	17,00	184	125
HB125.1800	18,00	191	130
HB125.1900	19,00	198	135
HB125.2000	20,00	205	140

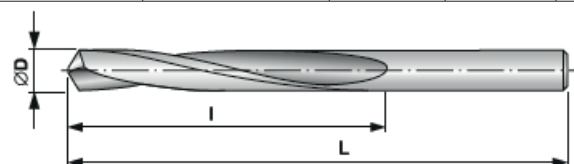
Broca HSS - Cilíndrica - DIN 338 - Otros Materiales



- **HB127** - Características: DIN 338 -Tipo W - Punta 135° - Hélice 40°
Uso en Aluminio, Cobre y Plásticos Blandos
- **HB129** - Características: DIN 338 -Tipo H - Punta 118° - Hélice 12° -
Uso en Mg , Cobre y Plásticos Duros

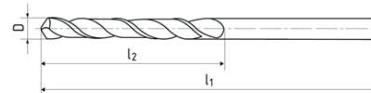
Referencia HB127	Referencia HB129	Ø D	L	I
HB127.0100	HB129.0100	1,00	34	12
HB127.0105	HB129.0105	1,10	36	14
HB127.0120	HB129.0120	1,20	38	16
HB127.0130	HB129.0130	1,30	38	16
HB127.0140	HB129.0140	1,40	40	18
HB127.0150	HB129.0150	1,50	40	18
HB127.0160	HB129.0160	1,60	43	20
HB127.0170	HB129.0170	1,70	43	20
HB127.0180	HB129.0180	1,80	46	22
HB127.0190	HB129.0190	1,90	46	22
HB127.0200	HB129.0200	2,00	49	24
HB127.0210	HB129.0210	2,10	49	24
HB127.0220	HB129.0220	2,20	53	27
HB127.0230	HB129.0230	2,30	53	27
HB127.0240	HB129.0240	2,40	57	30
HB127.0250	HB129.0250	2,50	57	30
HB127.0260	HB129.0260	2,60	57	30
HB127.0270	HB129.0270	2,70	61	33
HB127.0280	HB129.0280	2,80	61	33
HB127.0290	HB129.0290	2,90	61	33
HB127.0300	HB129.0300	3,00	61	33
HB127.0310	HB129.0310	3,10	65	36
HB127.0320	HB129.0320	3,20	65	36
HB127.0330	HB129.0330	3,30	65	36
HB127.0340	HB129.0340	3,40	70	39
HB127.0350	HB129.0350	3,50	70	39
HB127.0360	HB129.0360	3,60	70	39
HB127.0370	HB129.0370	3,70	70	39
HB127.0380	HB129.0380	3,80	75	43
HB127.0390	HB129.0390	3,90	75	43
HB127.0400	HB129.0400	4,00	75	43
HB127.0410	HB129.0410	4,10	75	43
HB127.0420	HB129.0420	4,20	75	43
HB127.0430	HB129.0430	4,30	80	47
HB127.0440	HB129.0440	4,40	80	47
HB127.0450	HB129.0450	4,50	80	47
HB127.0460	HB129.0460	4,60	80	47
HB127.0470	HB129.0470	4,70	80	47
HB127.0480	HB129.0480	4,80	86	52
HB127.0490	HB129.0490	4,90	86	52
HB127.0500	HB129.0500	5,00	86	52
HB127.0510	HB129.0510	5,10	86	52
HB127.0520	HB129.0520	5,20	86	52
HB127.0530	HB129.0530	5,30	86	52
HB127.0540	HB129.0540	5,40	93	57
HB127.0550	HB129.0550	5,50	93	57
HB127.0560	HB129.0560	5,60	93	57
HB127.0570	HB129.0570	5,70	93	57
HB127.0580	HB129.0580	5,80	93	57
HB127.0590	HB129.0590	5,90	93	57
HB127.0600	HB129.0600	6,00	93	57
HB127.0610	HB129.0610	6,10	101	63
HB127.0620	HB129.0620	6,20	101	63
HB127.0630	HB129.0630	6,30	101	63
HB127.0640	HB129.0640	6,40	101	63
HB127.0650	HB129.0650	6,50	101	63

Referencia HB127	Referencia HB129	Ø D	L	I
HB127.0660	HB129.0660	6,60	101	63
HB127.0670	HB129.0670	6,70	101	63
HB127.0680	HB129.0680	6,80	109	69
HB127.0690	HB129.0690	6,90	109	69
HB127.0700	HB129.0700	7,00	109	69
HB127.0710	HB129.0710	7,10	109	69
HB127.0720	HB129.0720	7,20	109	69
HB127.0730	HB129.0730	7,30	109	69
HB127.0740	HB129.0740	7,40	109	69
HB127.0750	HB129.0750	7,50	109	69
HB127.0760	HB129.0760	7,60	117	75
HB127.0770	HB129.0770	7,70	117	75
HB127.0780	HB129.0780	7,80	117	75
HB127.0790	HB129.0790	7,90	117	75
HB127.0800	HB129.0800	8,00	117	75
HB127.0810	HB129.0810	8,10	117	75
HB127.0820	HB129.0820	8,20	117	75
HB127.0830	HB129.0830	8,30	117	75
HB127.0840	HB129.0840	8,40	117	75
HB127.0850	HB129.0850	8,50	117	75
HB127.0860	HB129.0860	8,60	125	81
HB127.0870	HB129.0870	8,70	125	81
HB127.0880	HB129.0880	8,80	125	81
HB127.0890	HB129.0890	8,90	125	81
HB127.0900	HB129.0900	9,00	125	81
HB127.0910	HB129.0910	9,10	125	81
HB127.0920	HB129.0920	9,20	125	81
HB127.0930	HB129.0930	9,30	125	81
HB127.0940	HB129.0940	9,40	125	81
HB127.0950	HB129.0950	9,50	125	81
HB127.0960	HB129.0960	9,60	133	87
HB127.0970	HB129.0970	9,70	133	87
HB127.0980	HB129.0980	9,80	133	87
HB127.0990	HB129.0990	9,90	133	87
HB127.1000	HB129.1000	10,00	133	87
HB127.1020	HB129.1020	10,20	133	87
HB127.1050	HB129.1050	10,50	133	87
HB127.1080	HB129.1080	10,80	142	94
HB127.1100	HB129.1100	11,00	142	94
HB127.1120	HB129.1120	11,20	142	94
HB127.1150	HB129.1150	11,50	142	94
HB127.1180	HB129.1180	11,80	142	94
HB127.1200	HB129.1200	12,00	151	101
HB127.1220	HB129.1220	12,20	151	101
HB127.1250	HB129.1250	12,50	151	101
HB127.1280	HB129.1280	12,80	151	101
HB127.1300	HB129.1300	13,00	151	101
HB127.1320	HB129.1320	13,20	151	101
HB127.1350	HB129.1350	13,50	160	108
HB127.1380	HB129.1380	13,80	160	108
HB127.1400	HB129.1400	14,00	160	108



Broca Cilíndrica HSS - Serie Estándar

• **HB128** > DIN 338 -Tipo C- Punta 128° - HSS-CO8



Referencia	Ø D	I1	I2
HB130.0300	3	61	33
HB130.0320	3,2	65	36
HB130.0330	3,3	65	36
HB130.0350	3,5	70	39
HB130.0400	4	75	43
HB130.0420	4,2	75	43
HB130.0450	4,5	80	47
HB130.0500	5	86	52
HB130.0510	5,1	86	52
HB130.0520	5,2	86	52
HB130.0550	5,5	93	57
HB130.0600	6	93	57
HB130.0650	6,5	101	63
HB130.0680	6,8	109	69

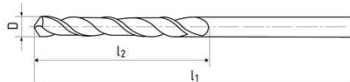
Referencia	Ø D	I1	I2
HB130.0700	7	109	69
HB130.0750	7,5	109	69
HB130.0800	8	117	75
HB130.0850	8,5	117	75
HB130.0900	9	125	81
HB130.0950	9,5	125	81
HB130.1000	10	133	87
HB130.1050	10,5	133	87
HB130.1100	11	142	94
HB130.1150	11,5	142	94
HB130.1200	12	151	101
HB130.1250	12,5	151	101
HB130.1300	13	151	101

Referencia	Ø D	I1	I2
HB130.1350	13,5	160	108
HB130.1400	14	160	108
HB130.1450	14,5	169	114
HB130.1500	15	169	114
HB130.1550	15,5	178	120
HB130.1600	16	178	120
HB130.1650	16,5	184	125
HB130.1700	17	184	125
HB130.1750	17,5	191	130
HB130.1800	18	191	130
HB130.1850	18,5	198	135
HB130.1900	19	198	135
HB130.1950	19,5	205	140
HB130.2000	20	205	140

Broca Cilíndrica HSS - Serie Larga - DIN 340

• **HB134** > DIN 340 -Tipo N- Punta 128° - HSS-CO5%

• Aceros/Aceros resistentes/Inoxidables/Aluminio



Referencia	Ø D	I1	I2
HB134.0090	0,9	52	30
HB134.0100	1	56	33
HB134.0110	1,1	60	37
HB134.0120	1,2	65	41
HB134.0130	1,3	65	41
HB134.0140	1,4	70	45
HB134.0150	1,5	70	45
HB134.0160	1,6	76	50
HB134.0170	1,7	76	50
HB134.0180	1,8	80	53
HB134.0190	1,9	80	53
HB134.0200	2	85	56
HB134.0210	2,1	85	56
HB134.0220	2,2	90	59
HB134.0230	2,3	90	59
HB134.0240	2,4	95	62
HB134.0250	2,5	95	62
HB134.0260	2,6	95	62
HB134.0270	2,7	100	66
HB134.0280	2,8	100	66
HB134.0290	2,9	100	66
HB134.0300	3	100	66
HB134.0310	3,1	106	69
HB134.0320	3,2	106	69
HB134.0330	3,3	106	69
HB134.0340	3,4	112	73
HB134.0350	3,5	112	73
HB134.0360	3,6	112	73
HB134.0370	3,7	112	73
HB134.0380	3,8	119	78
HB134.0390	3,9	119	78
HB134.0400	4	119	78
HB134.0410	4,1	119	78
HB134.0420	4,2	119	78
HB134.0430	4,3	126	82
HB134.0440	4,4	126	82
HB134.0450	4,5	126	82
HB134.0460	4,6	126	82

Referencia	Ø D	I1	I2
HB134.0470	4,7	126	82
HB134.0480	4,8	132	87
HB134.0490	4,9	132	87
HB134.0500	5	132	87
HB134.0510	5,1	132	87
HB134.0520	5,2	132	87
HB134.0530	5,3	132	87
HB134.0540	5,4	139	91
HB134.0550	5,5	139	91
HB134.0560	5,6	139	91
HB134.0570	5,7	139	91
HB134.0580	5,8	139	91
HB134.0590	5,9	139	91
HB134.0600	6	139	91
HB134.0610	6,1	148	97
HB134.0620	6,2	148	97
HB134.0630	6,3	148	97
HB134.0640	6,4	148	97
HB134.0650	6,5	148	97
HB134.0660	6,6	148	97
HB134.0670	6,7	148	97
HB134.0680	6,8	156	102
HB134.0690	6,9	156	102
HB134.0700	7	156	102
HB134.0710	7,1	156	102
HB134.0720	7,2	156	102
HB134.0730	7,3	156	102
HB134.0740	7,4	156	102
HB134.0750	7,5	156	102
HB134.0760	7,6	165	109
HB134.0770	7,7	165	109
HB134.0780	7,8	165	109
HB134.0790	7,9	165	109
HB134.0800	8	165	109
HB134.0810	8,1	165	109
HB134.0820	8,2	165	109
HB134.0830	8,3	165	109
HB134.0840	8,4	165	109

Referencia	Ø D	I1	I2
HB134.0850	8,5	165	109
HB134.0860	8,6	175	115
HB134.0870	8,7	175	115
HB134.0880	8,8	175	115
HB134.0890	8,9	175	115
HB134.0900	9	175	115
HB134.0910	9,1	175	115
HB134.0920	9,2	175	115
HB134.0930	9,3	175	115
HB134.0940	9,4	175	115
HB134.0950	9,5	175	115
HB134.0960	9,6	184	121
HB134.0970	9,7	184	121
HB134.0980	9,8	184	121
HB134.0990	9,9	184	121
HB134.1000	10	184	121
HB134.1010	10,1	184	121
HB134.1020	10,2	184	121
HB134.1030	10,3	184	121
HB134.1040	10,4	184	121
HB134.1050	10,5	184	121
HB134.1060	10,6	184	121
HB134.1070	10,7	195	128
HB134.1080	10,8	195	128
HB134.1090	10,9	195	128
HB134.1100	11	195	128
HB134.1110	11,1	195	128
HB134.1120	11,2	195	128
HB134.1130	11,3	195	128
HB134.1140	11,4	195	128
HB134.1150	11,5	195	128
HB134.1160	11,6	195	128
HB134.1170	11,7	195	128
HB134.1180	11,8	195	128
HB134.1190	11,9	205	134
HB134.1200	12	205	134

Broca Cilíndrica HSS - Serie Larga - DIN 340 - Continuación

• **HB134** > DIN 340 -Tipo N- Punta 128° - HSS-CO5%
Aceros/Aceros resistentes/Inoxidables/Aluminio



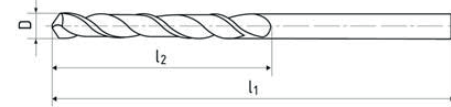
Referencia	Ø D	I1	I2
HB134.1200	12	205	134
HB134.1210	12,1	205	134
HB134.1220	12,2	205	134
HB134.1230	12,3	205	134
HB134.1240	12,4	205	134
HB134.1250	12,5	205	134
HB134.1260	12,6	205	134

Referencia	Ø D	I1	I2
HB134.1270	12,7	205	134
HB134.1280	12,8	205	134
HB134.1290	12,9	205	134
HB134.1300	13	205	134
HB134.1310	13,1	205	134
HB134.1320	13,2	205	134
HB134.1330	13,3	214	140

Referencia	Ø D	I1	I2
HB134.1340	13,4	214	140
HB134.1350	13,5	214	140
HB134.1360	13,6	214	140
HB134.1370	13,7	214	140
HB134.1380	13,8	214	140
HB134.1390	13,9	214	140
HB134.1400	14	214	140

Broca HSS Cilíndrica - DIN 1869 - Tipo N - Series Largas

• Características: REF HB136-Serie 1 | HB 138-Serie 2 | HB140-Serie 3 > DIN 1869 - Tipo C - Punta 118° - HSS



Referencia Serie 1	Ø D	I1	I2
HB136.0200	2	125	85
HB136.0210	2,1	125	85
HB136.0220	2,2	135	90
HB136.0225	2,25	135	90
HB136.0230	2,3	135	90
HB136.0240	2,4	140	95
HB136.0250	2,5	140	95
HB136.0260	2,6	140	95
HB136.0270	2,7	150	100
HB136.0275	2,75	150	100
HB136.0280	2,8	150	100
HB136.0290	2,9	150	100
HB136.0300	3	150	100
HB136.0310	3,1	155	105
HB136.0320	3,2	155	105
HB136.0325	3,25	155	105
HB136.0330	3,3	155	105
HB136.0340	3,4	165	115
HB136.0350	3,5	165	115
HB136.0360	3,6	165	115
HB136.0370	3,7	165	115
HB136.0375	3,75	165	115
HB136.0380	3,8	175	120
HB136.0390	3,9	175	120
HB136.0400	4	175	120
HB136.0410	4,1	175	120
HB136.0420	4,2	175	120
HB136.0425	4,25	175	120
HB136.0430	4,3	185	125
HB136.0440	4,4	185	125
HB136.0450	4,5	185	125
HB136.0460	4,6	185	125
HB136.0470	4,7	185	125
HB136.0475	4,75	185	125
HB136.0480	4,8	195	135
HB136.0490	4,9	195	135
HB136.0500	5	195	135
HB136.0510	5,1	195	135
HB136.0520	5,2	195	135
HB136.0525	5,25	195	135
HB136.0530	5,3	195	135
HB136.0540	5,4	205	140
HB136.0550	5,5	205	140

Referencia Serie 2	Ø D	I1	I2
HB138.0270	2,7	190	130
HB138.0275	2,75	190	130
HB138.0280	2,8	190	130
HB138.0290	2,9	190	130
HB138.0300	3	190	130
HB138.0310	3,1	200	135
HB138.0320	3,2	200	135
HB138.0325	3,25	200	135
HB138.0330	3,3	200	135
HB138.0340	3,4	210	145
HB138.0350	3,5	210	145
HB138.0360	3,6	210	145
HB138.0370	3,7	210	145
HB138.0375	3,75	210	145
HB138.0380	3,8	220	150
HB138.0390	3,9	220	150
HB138.0400	4	220	150
HB138.0410	4,1	220	150
HB138.0420	4,2	220	150
HB138.0425	4,25	220	150
HB138.0430	4,3	235	160
HB138.0440	4,4	235	160
HB138.0450	4,5	235	160
HB138.0460	4,6	235	160
HB138.0470	4,7	235	160
HB138.0475	4,75	235	160
HB138.0480	4,8	245	170
HB138.0490	4,9	245	170
HB138.0500	5	245	170
HB138.0510	5,1	245	170
HB138.0520	5,2	245	170
HB138.0525	5,25	245	170
HB138.0530	5,3	245	170
HB138.0540	5,4	260	180
HB138.0550	5,5	260	180
HB138.0560	5,6	260	180
HB138.0570	5,7	260	180
HB138.0575	5,75	260	180
HB138.0580	5,8	260	180
HB138.0590	5,9	260	180
HB138.0600	6	260	180
HB138.0610	6,1	275	190
HB138.0620	6,2	275	190

Referencia Serie 3	Ø D	I1	I2
HB140.0350	3,5	265	180
HB140.0360	3,6	265	180
HB140.0370	3,7	265	180
HB140.0375	3,75	265	180
HB140.0380	3,8	280	190
HB140.0390	3,9	280	190
HB140.0400	4	280	190
HB140.0410	4,1	280	190
HB140.0420	4,2	280	190
HB140.0425	4,25	280	190
HB140.0430	4,3	295	200
HB140.0440	4,4	295	200
HB140.0450	4,5	295	200
HB140.0460	4,6	295	200
HB140.0470	4,7	295	200
HB140.0475	4,75	295	200
HB140.0480	4,8	315	210
HB140.0490	4,9	315	210
HB140.0500	5	315	210
HB140.0510	5,1	315	210
HB140.0520	5,2	315	210
HB140.0525	5,25	315	210
HB140.0530	5,3	315	210
HB140.0540	5,4	330	225
HB140.0550	5,5	330	225
HB140.0560	5,6	330	225
HB140.0570	5,7	330	225
HB140.0575	5,75	330	225
HB140.0580	5,8	330	225
HB140.0590	5,9	330	225
HB140.0600	6	330	225
HB140.0610	6,1	350	235
HB140.0620	6,2	350	235
HB140.0625	6,25	350	235
HB140.0630	6,3	350	235
HB140.0640	6,4	350	235
HB140.0650	6,5	350	235
HB140.0660	6,6	350	235
HB140.0670	6,7	350	235
HB140.0675	6,75	350	235
HB140.0680	6,8	370	250
HB140.0690	6,9	370	250
HB140.0700	7	370	250

Broca HSS Cilíndrica - DIN 1869 - Tipo N - Series Largas - Continuación

• Características: REF HB136-Serie 1 | HB 138-Serie 2 | HB140-Serie 3 > DIN 1869 - Tipo C - Punta 118° - HSS



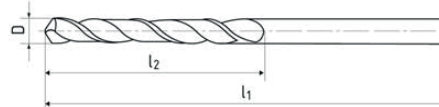
Referencia Serie 1	Ø D	I1	I2
HB136.0560	5,6	205	140
HB136.0570	5,7	205	140
HB136.0575	5,75	205	140
HB136.0580	5,8	205	140
HB136.0590	5,9	205	140
HB136.0600	6	205	140
HB136.0610	6,1	215	150
HB136.0620	6,2	215	150
HB136.0625	6,25	215	150
HB136.0630	6,3	215	150
HB136.0640	6,4	215	150
HB136.0650	6,5	215	150
HB136.0660	6,6	215	150
HB136.0670	6,7	215	150
HB136.0675	6,75	215	150
HB136.0680	6,8	225	155
HB136.0690	6,9	225	155
HB136.0700	7	225	155
HB136.0710	7,1	225	155
HB136.0720	7,2	225	155
HB136.0725	7,25	225	155
HB136.0730	7,3	225	155
HB136.0740	7,4	225	155
HB136.0750	7,5	225	155
HB136.0760	7,6	240	165
HB136.0770	7,7	240	165
HB136.0775	7,75	240	165
HB136.0780	7,8	240	165
HB136.0790	7,9	240	165
HB136.0800	8	240	165
HB136.0810	8,1	240	165
HB136.0820	8,2	240	165
HB136.0825	8,25	240	165
HB136.0830	8,3	240	165
HB136.0840	8,4	240	165
HB136.0850	8,5	240	165
HB136.0860	8,6	250	175
HB136.0870	8,7	250	175
HB136.0875	8,75	250	175
HB136.0880	8,8	250	175
HB136.0890	8,9	250	175
HB136.0900	9	250	175
HB136.0910	9,1	250	175
HB136.0920	9,2	250	175
HB136.0925	9,25	250	175
HB136.0930	9,3	250	175
HB136.0940	9,4	250	175
HB136.0950	9,5	250	175
HB136.0960	9,6	265	185
HB136.0970	9,7	265	185
HB136.0975	9,75	265	185
HB136.0980	9,8	265	185
HB136.0990	9,9	265	185
HB136.1000	10	265	185
HB136.1010	10,1	265	185
HB136.1020	10,2	265	185
HB136.1025	10,25	265	185

Referencia Serie 2	Ø D	I1	I2
HB138.0625	6,25	275	190
HB138.0630	6,3	275	190
HB138.0640	6,4	275	190
HB138.0650	6,5	275	190
HB138.0660	6,6	275	190
HB138.0670	6,7	275	190
HB138.0675	6,75	275	190
HB138.0680	6,8	290	200
HB138.0690	6,9	290	200
HB138.0700	7	290	200
HB138.0710	7,1	290	200
HB138.0720	7,2	290	200
HB138.0725	7,25	290	200
HB138.0730	7,3	290	200
HB138.0740	7,4	290	200
HB138.0750	7,5	290	200
HB138.0760	7,6	305	210
HB138.0770	7,7	305	210
HB138.0775	7,75	305	210
HB138.0780	7,8	305	210
HB138.0790	7,9	305	210
HB138.0800	8	305	210
HB138.0810	8,1	305	210
HB138.0820	8,2	305	210
HB138.0825	8,25	305	210
HB138.0830	8,3	305	210
HB138.0840	8,4	305	210
HB138.0850	8,5	305	210
HB138.0860	8,6	320	220
HB138.0870	8,7	320	220
HB138.0875	8,75	320	220
HB138.0880	8,8	320	220
HB138.0890	8,9	320	220
HB138.0900	9	320	220
HB138.0910	9,1	320	220
HB138.0920	9,2	320	220
HB138.0925	9,25	320	220
HB138.0930	9,3	320	220
HB138.0940	9,4	320	220
HB138.0950	9,5	320	220
HB138.0960	9,6	340	235
HB138.0970	9,7	340	235
HB138.0975	9,75	340	235
HB138.0980	9,8	340	235
HB138.0990	9,9	340	235
HB138.1000	10	340	235
HB138.1010	10,1	340	235
HB138.1020	10,2	340	235
HB138.1025	10,25	340	235
HB138.1030	10,3	340	235
HB138.1040	10,4	340	235
HB138.1050	10,5	340	235
HB138.1060	10,6	340	235
HB138.1070	10,7	365	250
HB138.1075	10,75	365	250
HB138.1080	10,8	365	250
HB138.1090	10,9	365	250

Referencia Serie 3	Ø D	I1	I2
HB140.0710	7,1	370	250
HB140.0720	7,2	370	250
HB140.0725	7,25	370	250
HB140.0730	7,3	370	250
HB140.0710	7,1	370	250
HB140.0720	7,2	370	250
HB140.0725	7,25	370	250
HB140.0730	7,3	370	250
HB140.0710	7,1	370	250
HB140.0720	7,2	370	250
HB140.0725	7,25	370	250
HB140.0730	7,3	370	250
HB140.0740	7,4	370	250
HB140.0750	7,5	370	250
HB140.0760	7,6	390	265
HB140.0770	7,7	390	265
HB140.0775	7,75	390	265
HB140.0780	7,8	390	265
HB140.0790	7,9	390	265
HB140.0800	8	390	265
HB140.0810	8,1	390	265
HB140.0820	8,2	390	265
HB140.0825	8,25	390	265
HB140.0830	8,3	390	265
HB140.0840	8,4	390	265
HB140.0850	8,5	390	265
HB140.0860	8,6	410	280
HB140.0870	8,7	410	280
HB140.0875	8,75	410	280
HB140.0880	8,8	410	280
HB140.0890	8,9	410	280
HB140.0900	9	410	280
HB140.0910	9,1	410	280
HB140.0920	9,2	410	280
HB140.0925	9,25	410	280
HB140.0930	9,3	410	280
HB140.0940	9,4	410	280
HB140.0950	9,5	410	280
HB140.0960	9,6	430	295
HB140.0970	9,7	430	295
HB140.0975	9,75	430	295
HB140.0980	9,8	430	295
HB140.0990	9,9	430	295
HB140.1000	10	430	295
HB140.1010	10,1	430	295
HB140.1020	10,2	430	295
HB140.1025	10,25	430	295
HB140.1030	10,3	430	295
HB140.1040	10,4	430	295
HB140.1050	10,5	430	295
HB140.1060	10,6	430	295
HB140.1070	10,7	455	310
HB140.1075	10,75	455	310
HB140.1080	10,8	455	310
HB140.1090	10,9	455	310
HB140.1100	11	455	310
HB140.1110	11,1	455	310

Broca HSS Cilíndrica - DIN 1869 - Tipo N - Series Largas - Continuación

• Características: REF HB136-Serie 1 | HB 138-Serie 2 | HB140-Serie 3 > DIN 1869 - Tipo C - Punta 118° - HSS



Referencia Serie 1	Ø D	I1	I2
HB136.1030	10,3	265	185
HB136.1040	10,4	265	185
HB136.1050	10,5	265	185
HB136.1060	10,6	265	185
HB136.1070	10,7	280	195
HB136.1075	10,75	280	195
HB136.1080	10,8	280	195
HB136.1090	10,9	280	195
HB136.1100	11	280	195
HB136.1110	11,1	280	195
HB136.1120	11,2	280	195
HB136.1125	11,25	280	195
HB136.1130	11,3	280	195
HB136.1140	11,4	280	195
HB136.1150	11,5	280	195
HB136.1160	11,6	280	195
HB136.1170	11,7	280	195
HB136.1175	11,75	280	195
HB136.1180	11,8	280	195
HB136.1190	11,9	295	205
HB136.1200	12	295	205
HB136.1210	12,1	295	205
HB136.1220	12,2	295	205
HB136.1225	12,25	295	205
HB136.1230	12,3	295	205
HB136.1240	12,4	295	205
HB136.1250	12,5	295	205
HB136.1260	12,6	295	205
HB136.1270	12,7	295	205
HB136.1275	12,75	295	205
HB136.1280	12,8	295	205
HB136.1290	12,9	295	205
HB136.1300	13	295	205

Referencia Serie 2	Ø D	I1	I2
HB138.1100	11	365	250
HB138.1110	11,1	365	250
HB138.1120	11,2	365	250
HB138.1125	11,25	365	250
HB138.1130	11,3	365	250
HB138.1140	11,4	365	250
HB138.1150	11,5	365	250
HB138.1160	11,6	365	250
HB138.1170	11,7	365	250
HB138.1175	11,75	365	250
HB138.1180	11,8	365	250
HB138.1190	11,9	375	260
HB138.1200	12	375	260
HB138.1210	12,1	375	260
HB138.1220	12,2	375	260
HB138.1225	12,25	375	260
HB138.1230	12,3	375	260
HB138.1240	12,4	375	260
HB138.1250	12,5	375	260
HB138.1260	12,6	375	260
HB138.1270	12,7	375	260
HB138.1275	12,75	375	260
HB138.1280	12,8	375	260
HB138.1290	12,9	375	260
HB138.1300	13	375	260

Referencia Serie 3	Ø D	I1	I2
HB140.1120	11,2	455	310
HB140.1125	11,25	455	310
HB140.1130	11,3	455	310
HB140.1140	11,4	455	310
HB140.1150	11,5	455	310
HB140.1160	11,6	455	310
HB140.1170	11,7	455	310
HB140.1175	11,75	455	310
HB140.1180	11,8	455	310
HB140.1190	11,9	480	330
HB140.1200	12	480	330
HB140.1210	12,1	480	330
HB140.1220	12,2	480	330
HB140.1225	12,25	480	330
HB140.1230	12,3	480	330
HB140.1240	12,4	480	330
HB140.1250	12,5	480	330
HB140.1260	12,6	480	330
HB140.1270	12,7	480	330
HB140.1275	12,75	480	330
HB140.1280	12,8	480	330
HB140.1290	12,9	480	330
HB140.1300	13	480	330

Set Brocas Cilíndricas

- **HB124** > DIN 338 -Tipo N - Punta 118° - HSS
- **HB126** > DIN 338 -Tipo C - Punta 128° - HSS-CO5

Referencia: HB124-SET19
Medidas: 1 a 10 mm cada 0.5mm
Referencia: HB126-SET19
Medidas: 1 a 10 mm cada 0.5mm

Referencia: HB124-SET25
Medidas: 1 a 13 mm cada 0.5mm
Referencia: HB126-SET25
Medidas: 1 a 13 mm cada 0.5mm



Set Brocas Cono Morse DIN 345

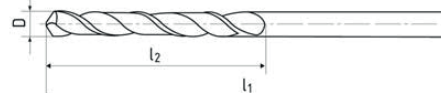
- **HB150** > HSS - DIN 345 - TIPO N - Punta 118° - PAS
- **HB152** > HSS-CO5% - DIN 345 - Tipo N - Punta 128°

Referencia: HB150-SET9
Medidas: 15 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30
Referencia: HB152-SET9
Medidas: 15 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30



Broca HSS-CO5 - Cilíndrica - DIN 1869 - Tipo GT 100 - Series Largas

• Características: REF HB142-Serie 1 | HB 144-Serie 2 | HB146- Serie 3 >DIN 1869 Tipo GT100 - Punta 128° - HSS-CO5%



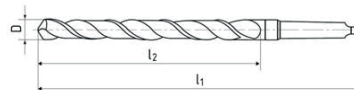
Referencia Serie 1	Ø D	I1	I2
HB142.0200	2	125	85
HB142.0220	2,2	135	90
HB142.0250	2,5	140	95
HB142.0280	2,8	150	100
HB142.0300	3	150	100
HB142.0320	3,2	155	105
HB142.0350	3,5	165	115
HB142.0360	3,6	165	115
HB142.0380	3,8	175	120
HB142.0400	4	175	120
HB142.0420	4,2	175	120
HB142.0450	4,5	185	125
HB142.0480	4,8	195	135
HB142.0500	5	195	135
HB142.0520	5,2	195	135
HB142.0550	5,5	205	140
HB142.0580	5,8	205	140
HB142.0600	6	205	140
HB142.0650	6,5	215	150
HB142.0700	7	225	155
HB142.0750	7,5	225	155
HB142.0800	8	240	165
HB142.0850	8,5	240	165
HB142.0900	9	250	175
HB142.0950	9,5	250	175
HB142.1000	10	265	185
HB142.1050	10,5	265	185
HB142.1100	11	280	195
HB142.1150	11,5	280	195
HB142.1200	12	295	205
HB142.1250	12,5	295	205
HB142.1300	13	295	205

Referencia Serie 2	Ø D	I1	I2
HB144.0200	2	160	110
HB144.0250	2,5	180	120
HB144.0280	2,8	190	130
HB144.0300	3	190	130
HB144.0320	3,2	200	135
HB144.0350	3,5	210	145
HB144.0360	3,6	210	145
HB144.0380	3,8	220	150
HB144.0400	4	220	150
HB144.0420	4,2	220	150
HB144.0450	4,5	235	160
HB144.0480	4,8	245	170
HB144.0500	5	245	170
HB144.0520	5,2	245	170
HB144.0550	5,5	260	180
HB144.0580	5,8	260	180
HB144.0600	6	260	180
HB144.0650	6,5	275	190
HB144.0700	7	290	200
HB144.0750	7,5	290	200
HB144.0800	8	305	210
HB144.0850	8,5	305	210
HB144.0900	9	320	220
HB144.0950	9,5	320	220
HB144.1000	10	340	235
HB144.1050	10,5	340	235
HB144.1100	11	365	250
HB144.1150	11,5	365	250
HB144.1200	12	375	260
HB144.1250	12,5	375	260
HB144.1300	13	375	260

Referencia Serie 3	Ø D	I1	I2
HB146.0350	3,5	265	180
HB146.0380	3,8	280	190
HB146.0400	4	280	190
HB146.0420	4,2	280	190
HB146.0450	4,5	295	200
HB146.0480	4,8	315	210
HB146.0500	5	315	210
HB146.0520	5,2	315	210
HB146.0550	5,5	330	225
HB146.0580	5,8	330	225
HB146.0600	6	330	225
HB146.0650	6,5	350	235
HB146.0700	7	370	250
HB146.0750	7,5	370	250
HB146.0800	8	390	265
HB146.0850	8,5	390	265
HB146.0900	9	410	280
HB146.0950	9,5	410	280
HB146.1000	10	430	295
HB146.1050	10,5	430	295
HB146.1100	11	455	310
HB146.1150	11,5	455	310
HB146.1200	12	480	330
HB146.1250	12,5	480	330
HB146.1300	13	480	330

Broca HSS Cono Morse - DIN 345

• **HB150** > HSS - DIN 345 - Tipo N - Punta 118° - PAS
 • **HB152** > HSS-CO5% - DIN 345 - Tipo N - Punta 128°



Referencia HSS	Referencia HSS-COS	Ø D	MK CM	I1 Long. Total	I2 Long. Corte
HB150.0500	HB152.0500	5	1	133	52
HB150.0550	HB152.0550	5,5	1	138	57
HB150.0600	HB152.0600	6	1	138	57
HB150.0650	HB152.0650	6,5	1	144	63
HB150.0675	-	6,75	1	150	69
HB150.0700	HB152.0700	7	1	150	69
HB150.0750	HB152.0750	7,5	1	150	69
HB150.0800	HB152.0800	8	1	156	75
HB150.0825	-	8,25	1	156	75
HB150.0850	HB152.0850	8,5	1	156	75
HB150.0875	-	8,75	1	162	81
HB150.0900	HB152.0900	9	1	162	81
HB150.0925	-	9,25	1	162	81
HB150.0950	HB152.0950	9,5	1	162	81
HB150.0975	-	9,75	1	168	87

Referencia HSS	Referencia HSS-COS	Ø D	MK CM	I1 Long. Total	I2 Long. Corte
HB150.1000	HB152.1000	10	1	168	87
HB150.1025	-	10,25	1	168	87
HB150.1050	HB152.1050	10,5	1	168	87
HB150.1075	-	10,75	1	175	94
HB150.1100	HB152.1100	11	1	175	94
HB150.1125	-	11,25	1	175	94
HB150.1150	HB152.1150	11,5	1	175	94
HB150.1175	-	11,75	1	175	94
HB150.1200	HB152.1200	12	1	182	101
HB150.1210	-	12,1	1	182	101
HB150.1220	-	12,2	1	182	101
HB150.1225	-	12,25	1	182	101
HB150.1230	-	12,3	1	182	101
HB150.1240	-	12,4	1	182	101
HB150.1250	HB152.1250	12,5	1	182	101

Broca HSS Cono Morse - DIN 345

- **HB150** > HSS - DIN 345 - TIPO N - Punta 118° - PAS
- **HB152** > HSS-CO5% - DIN 345 - Tipo N - Punta 128°



Referencia HSS	Referencia HSS-COS	Ø D	MK CM	I1 Long. Total	I2 Long. Corte
HB150.1260	-	12,6	1	182	101
HB150.1270	-	12,7	1	182	101
HB150.1275	-	12,75	1	182	101
HB150.1280	-	12,8	1	182	101
HB150.1290	-	12,9	1	182	101
HB150.1300	HB152.1300	13	1	182	101
HB150.1310	-	13,1	1	182	101
HB150.1320	-	13,2	1	182	101
HB150.1325	-	13,25	1	189	108
HB150.1330	-	13,3	1	189	108
HB150.1340	-	13,4	1	189	108
HB150.1350	HB152.1350	13,5	1	189	108
HB150.1360	-	13,6	1	189	108
HB150.1370	-	13,7	1	189	108
HB150.1375	-	13,75	1	189	108
HB150.1380	-	13,8	1	189	108
HB150.1390	-	13,9	1	189	108
HB150.1400	HB152.1400	14	1	189	108
HB150.1425	-	14,25	2	212	114
HB150.1450	HB152.1450	14,5	2	212	114
HB150.1475	-	14,75	2	212	114
HB150.1500	HB152.1500	15	2	212	114
HB150.1525	-	15,25	2	218	120
HB150.1550	HB152.1550	15,5	2	218	120
HB150.1575	-	15,75	2	218	120
HB150.1600	HB152.1600	16	2	218	120
HB150.1625	-	16,25	2	223	125
HB150.1650	HB152.1650	16,5	2	223	125
HB150.1675	-	16,75	2	223	125
HB150.1700	HB152.1700	17	2	223	125
HB150.1725	-	17,25	2	228	130
HB150.1750	HB152.1750	17,5	2	228	130
HB150.1775	-	17,75	2	228	130
HB150.1800	HB152.1800	18	2	228	130
HB150.1825	-	18,25	2	233	135
HB150.1850	HB152.1850	18,5	2	233	135
HB150.1875	-	18,75	2	233	135
HB150.1900	HB152.1900	19	2	233	135
HB150.1925	-	19,25	2	238	140
HB150.1950	HB152.1950	19,5	2	238	140
HB150.1975	-	19,75	2	238	140
HB150.2000	HB152.2000	20	2	238	140
HB150.2025	-	20,25	2	243	145
HB150.2050	HB152.2050	20,5	2	243	145
HB150.2075	-	20,75	2	243	145
HB150.2100	HB152.2100	21	2	243	145
HB150.2125	-	21,25	2	248	150
HB150.2150	HB152.2150	21,5	2	248	150
HB150.2175	-	21,75	2	248	150
HB150.2200	HB152.2200	22	2	248	150
HB150.2225	-	22,25	2	248	150

Referencia HSS	Referencia HSS-COS	Ø D	MK CM	I1 Long. Total	I2 Long. Corte
HB150.2250	HB152.2250	22,5	2	253	155
HB150.2275	-	22,75	2	253	155
HB150.2300	HB152.2300	23	2	253	155
HB150.2325	-	23,25	3	276	155
HB150.2350	HB152.2350	23,5	3	276	155
HB150.2375	-	23,75	3	281	160
HB150.2400	HB152.2400	24	3	281	160
HB150.2425	-	24,25	3	281	160
HB150.2450	HB152.2450	24,5	3	281	160
HB150.2475	-	24,75	3	281	160
HB150.2500	HB152.2500	25	3	281	160
HB150.2525	-	25,25	3	286	165
HB150.2550	HB152.2550	25,5	3	286	165
HB150.2575	-	25,75	3	286	165
HB150.2600	HB152.2600	26	3	286	165
HB150.2625	-	26,25	3	286	165
HB150.2650	HB152.2650	26,5	3	286	165
HB150.2675	-	26,75	3	291	170
HB150.2700	HB152.2700	27	3	291	170
HB150.2725	-	27,25	3	291	170
HB150.2750	HB152.2750	27,5	3	291	170
HB150.2775	-	27,75	3	291	170
HB150.2800	HB152.2800	28	3	291	170
HB150.2825	-	28,25	3	296	175
HB150.2850	HB152.2850	28,5	3	296	175
HB150.2875	-	28,75	3	296	175
HB150.2900	HB152.2900	29	3	296	175
HB150.2925	-	29,25	3	296	175
HB150.2950	HB152.2950	29,5	3	296	175
HB150.2975	-	29,75	3	296	175
HB150.3000	HB152.3000	30	3	296	175
HB150.3025	-	30,25	3	301	180
HB150.3050	HB152.3050	30,5	3	301	180
HB150.3075	-	30,75	3	301	180
HB150.3100	HB152.3100	31	3	301	180
HB150.3125	-	31,25	3	301	180
HB150.3150	HB152.3150	31,5	3	301	180
HB150.3175	-	31,75	3	306	185
HB150.3200	HB152.3200	32	4	334	185
HB150.3250	HB152.3250	32,5	4	334	185
HB150.3300	HB152.3300	33	4	334	185
HB150.3350	HB152.3350	33,5	4	334	185
HB150.3400	HB152.3400	34	4	339	190
HB150.3450	HB152.3450	34,5	4	339	190
HB150.3500	HB152.3500	35	4	339	190
HB150.3550	HB152.3550	35,5	4	339	190
HB150.3600	HB152.3600	36	4	344	195
HB150.3650	HB152.3650	36,5	4	344	195
HB150.3700	HB152.3700	37	4	344	195
HB150.3750	HB152.3750	37,5	4	344	195

Broca HSS Cono Morse - DIN 345

- **HB150** > HSS - DIN 345 - TIPO N - Punta 118° - PAS
- **HB152** > HSS-CO5% - DIN 345 - Tipo N - Punta 128°



Referencia HSS	Referencia HSS-COS	Ø D	MK CM	I1 Long. Total	I2 Long. Corte	Referencia HSS	Referencia HSS-COS	Ø D	MK CM	I1 Long. Total	I2 Long. Corte
HB150.3800	HB152.3800	38	4	349	200	HB150.5800	-	58	5	422	235
HB150.3850	HB152.3850	38,5	4	349	200	HB150.5900	-	59	5	422	235
HB150.3900	HB152.3900	39	4	349	200	HB150.6000	-	60	5	422	235
HB150.3950	HB152.3950	39,5	4	349	200	HB150.6100	-	61	5	427	240
HB150.4000	HB152.4000	40	4	349	200	HB150.6200	-	62	5	427	240
HB150.4050	HB152.4050	40,5	4	354	205	HB150.6300	-	63	5	427	240
HB150.4100	HB152.4100	41	4	354	205	HB150.6400	-	64	5	432	245
HB150.4150	HB152.4150	41,5	4	354	205	HB150.6500	-	65	5	432	245
HB150.4200	HB152.4200	42	4	354	205	HB150.6600	-	66	5	432	245
HB150.4250	HB152.4250	42,5	4	354	205	HB150.6700	-	67	5	432	250
HB150.4300	HB152.4300	43	4	359	210	HB150.6800	-	68	5	437	250
HB150.4350	HB152.4350	43,5	4	359	210	HB150.6900	-	69	5	437	250
HB150.4400	HB152.4400	44	4	359	210	HB150.7000	-	70	5	437	250
HB150.4450	HB152.4450	44,5	4	359	210	HB150.7100	-	71	5	437	255
HB150.4500	HB152.4500	45	4	359	210	HB150.7200	-	72	5	442	255
HB150.4550	HB152.4550	45,5	4	364	215	HB150.7300	-	73	5	442	255
HB150.4600	HB152.4600	46	4	364	215	HB150.7400	-	74	5	442	255
HB150.4650	HB152.4650	46.5	4	364	215	HB150.7500	-	75	5	442	260
HB150.4700	HB152.4700	47	4	364	215	HB150.7600	-	76	5	447	260
HB150.4750	HB152.4750	47.5	4	364	215	HB150.7700	-	77	6	514	260
HB150.4800	HB152.4800	48	4	369	220	HB150.7800	-	78	6	514	260
HB150.4850	HB152.4850	48.5	4	369	220	HB150.7900	-	79	6	514	260
HB150.4900	HB152.4900	49	44	369	220	HB150.8000	-	80	6	514	265
HB150.4950	HB152.4950	49.5	4	369	220	HB150.8100	-	81	6	519	265
HB150.5000	HB152.5000	50	4	369	220	HB150.8200	-	82	6	519	265
HB150.5050	-	50.5	4	374	225	HB150.8300	-	83	6	519	265
HB150.5100	-	51	5	412	225	HB150.8400	-	84	6	519	265
HB150.5200	-	52	5	412	225	HB150.8500	-	85	6	519	265
HB150.5300	-	53	5	412	223	HB150.8600	-	86	6	524	270
HB150.5400	-	54	5	417	230	HB150.8700	-	87	6	524	270
HB150.5500	-	55	5	417	230	HB150.8800	-	88	6	524	270
HB150.5600	-	56	5	417	230	HB150.8900	-	89	6	524	270
HB150.5700	-	57	5	422	235	HB150.9000	-	90	6	524	270

Broca Cono Morse HSS-CO8% - Materiales Duros y Resistentes

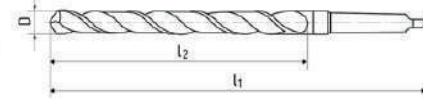
- **HB168** > Tipo C - Punta 128° - HSS-CO8%
Recomendado para materiales Hardox 400-500



Referencia	D	MK	I1	I2	Referencia	D	MK	I1	I2	Referencia	D	MK	I1	I2
HB168.1000	10	2	190	90	HB168.2400	24	3	225	105	HB168.3800	38	4	265	120
HB168.1100	11	2	190	90	HB168.2500	25	3	225	105	HB168.3900	39	4	265	120
HB168.1200	12	2	190	90	HB168.2600	26	3	225	105	HB168.4000	40	4	265	120
HB168.1300	13	2	190	90	HB168.2700	27	4	265	120	HB168.4100	41	4	265	120
HB168.1400	14	2	190	90	HB168.2800	28	4	265	120	HB168.4200	42	4	265	120
HB168.1500	15	2	190	90	HB168.2900	29	4	265	120	HB168.4300	43	4	265	120
HB168.1600	16	2	190	90	HB168.3000	30	4	265	120	HB168.4400	44	4	265	120
HB168.1700	17	2	190	90	HB168.3100	31	4	265	120	HB168.4500	45	4	265	120
HB168.1800	18	2	190	90	HB168.3200	32	4	265	120	HB168.4600	46	4	265	120
HB168.1900	19	3	225	105	HB168.3300	33	4	265	120	HB168.4700	47	4	265	150
HB168.2000	20	3	225	105	HB168.3400	34	4	265	120	HB168.4800	48	5	340	150
HB168.2100	21	3	225	105	HB168.3500	35	4	265	120	HB168.4900	49	5	340	150
HB168.2200	22	3	225	105	HB168.3600	36	4	265	120	HB168.5000	50	5	340	150
HB168.2300	23	3	225	105	HB168.3700	37	4	265	120					

Broca HSS Cono Morse - DIN 341/1870 - Series Largas

• Características: DIN 341 / DIN 1870 - Tipo C/A - Punta 118° - HSS



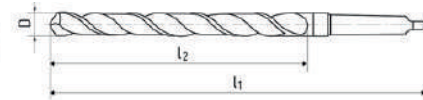
Referencia	D	MK	I1	I2
HB154.0800	8	1	181	100
HB154.0850	8,5	1	181	100
HB154.0900	9	1	188	107
HB154.0950	9,5	1	188	107
HB154.1000	10	1	197	116
HB154.1050	10,5	1	197	116
HB154.1100	11	1	206	125
HB154.1150	11,5	1	206	125
HB154.1200	12	1	215	134
HB154.1250	12,5	1	215	134
HB154.1300	13	1	215	134
HB154.1350	13,5	1	223	142
HB154.1400	14	1	223	142
HB154.1450	14,5	2	245	147
HB154.1500	15	2	245	147
HB154.1550	15,5	2	251	153
HB154.1600	16	2	251	153
HB154.1650	16,5	2	257	159
HB154.1700	17	2	257	159
HB154.1750	17,5	2	263	165
HB154.1800	18	2	263	165
HB154.1850	18,5	2	269	171
HB154.1900	19	2	269	171
HB154.1950	19,5	2	275	177
HB154.2000	20	2	275	177
HB154.2050	20,5	2	282	184
HB154.2100	21	2	282	184
HB154.2150	21,5	2	289	191
HB154.2200	22	2	289	191
HB154.2250	22,5	2	296	198
HB154.2300	23	2	296	198
HB154.2350	23,5	3	319	198
HB154.2400	24	3	327	206
HB154.2450	24,5	3	327	206
HB154.2500	25	3	327	206
HB154.2550	25,5	3	335	214
HB154.2600	26	3	335	214
HB154.2650	26,5	3	335	214
HB154.2700	27	3	343	222
HB154.2750	27,5	3	343	222
HB154.2800	28	3	343	222
HB154.2850	28,5	3	351	230
HB154.2900	29	3	351	230
HB154.2950	29,5	3	351	230
HB154.3000	30	3	351	230
HB154.3100	31	3	360	239
HB154.3200	32	4	397	248
HB154.3300	33	4	397	248
HB154.3400	34	4	406	257
HB154.3500	35	4	406	257
HB154.3600	36	4	416	267
HB154.3700	37	4	416	267
HB154.3800	38	4	426	277
HB154.3900	39	4	426	277

Referencia	D	MK	I1	I2
HB156.0800	8	1	265	165
HB156.0850	8,5	1	265	165
HB156.0900	9	1	275	175
HB156.0950	9,5	1	275	175
HB156.1000	10	1	285	185
HB156.1050	10,5	1	285	185
HB156.1100	11	1	300	195
HB156.1150	11,5	1	300	195
HB156.1200	12	1	310	205
HB156.1250	12,5	1	310	205
HB156.1300	13	1	310	205
HB156.1350	13,5	1	325	220
HB156.1400	14	1	325	220
HB156.1450	14,5	2	340	220
HB156.1500	15	2	340	220
HB156.1550	15,5	2	355	230
HB156.1600	16	2	355	230
HB156.1650	16,5	2	355	230
HB156.1700	17	2	355	230
HB156.1750	17,5	2	370	245
HB156.1800	18	2	370	245
HB156.1850	18,5	2	370	245
HB156.1900	19	2	370	245
HB156.1950	19,5	2	385	260
HB156.2000	20	2	385	260
HB156.2050	20,5	2	385	260
HB156.2100	21	2	385	260
HB156.2150	21,5	2	405	270
HB156.2200	22	2	405	270
HB156.2250	22,5	2	405	270
HB156.2300	23	2	405	270
HB156.2350	23,5	3	425	270
HB156.2400	24	3	440	290
HB156.2450	24,5	3	440	290
HB156.2500	25	3	440	290
HB156.2550	25,5	3	440	290
HB156.2600	26	3	440	290
HB156.2650	26,5	3	440	290
HB156.2700	27	3	460	305
HB156.2750	27,5	3	460	305
HB156.2800	28	3	460	305
HB156.2850	28,5	3	460	305
HB156.2900	29	3	460	305
HB156.2950	29,5	3	460	305
HB156.3000	30	3	460	305
HB156.3100	31	3	480	320
HB156.3200	32	4	505	320
HB156.3300	33	4	505	320
HB156.3400	34	4	530	340
HB156.3500	35	4	530	340
HB156.3600	36	4	530	340
HB156.3700	37	4	530	340
HB156.3800	38	4	555	360
HB156.3900	39	4	555	360

Referencia	D	MK	I1	I2
HB158.1000	10	1	360	235
HB158.1050	10,5	1	360	235
HB158.1100	11	1	375	250
HB158.1150	11,5	1	375	250
HB158.1200	12	1	395	260
HB158.1250	12,5	1	395	260
HB158.1300	13	1	395	260
HB158.1350	13,5	1	410	275
HB158.1400	14	1	410	275
HB158.1450	14,5	2	425	275
HB158.1500	15	2	425	275
HB158.1550	15,5	2	445	295
HB158.1600	16	2	445	295
HB158.1650	16,5	2	445	295
HB158.1700	17	2	445	295
HB158.1750	17,5	2	465	310
HB158.1800	18	2	465	310
HB158.1850	18,5	2	465	310
HB158.1900	19	2	465	310
HB158.1950	19,5	2	490	325
HB158.2000	20	2	490	325
HB158.2050	20,5	2	490	325
HB158.2100	21	2	490	325
HB158.2150	21,5	2	515	345
HB158.2200	22	2	515	345
HB158.2250	22,5	2	515	345
HB158.2300	23	2	515	345
HB158.2350	23,5	3	535	345
HB158.2400	24	3	555	365
HB158.2450	24,5	3	555	365
HB158.2500	25	3	555	365
HB158.2550	25,5	3	555	365
HB158.2600	26	3	555	365
HB158.2650	26,5	3	555	365
HB158.2700	27	3	580	385
HB158.2750	27,5	3	580	385
HB158.2800	28	3	580	385
HB158.2850	28,5	3	580	385
HB158.2900	29	3	580	385
HB158.2950	29,5	3	580	385
HB158.3000	30	3	580	385
HB158.3100	31	3	610	410
HB158.3200	32	4	635	410
HB158.3300	33	4	635	410
HB158.3400	34	4	665	430
HB158.3500	35	4	665	430
HB158.3600	36	4	665	430
HB158.3700	37	4	665	430
HB158.3800	38	4	695	460
HB158.3900	39	4	695	460

Broca HSS Cono Morse - DIN 341/1870 - Series Largas - Continuación

• Características: DIN 341 / DIN 1870 - Tipo C/A - Punta 118° - HSS



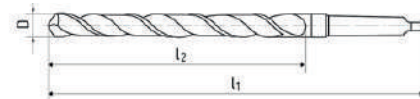
Referencia	D	MK	I1	I2
HB154.4000	40	4	426	277
HB154.4100	41	4	436	287
HB154.4200	42	4	436	287
HB154.4300	43	4	447	298
HB154.4400	44	4	447	298
HB154.4500	45	4	447	298
HB154.4600	46	4	459	310
HB154.4700	47	4	459	310
HB154.4800	48	4	470	321
HB154.4900	49	4	470	321
HB154.5000	50	4	470	321

Referencia	D	MK	I1	I2
HB156.4000	40	4	555	360
HB156.4100	41	4	555	360
HB156.4200	42	4	555	360
HB156.4300	43	4	585	385
HB156.4400	44	4	585	385
HB156.4500	45	4	585	385
HB156.4600	46	4	585	385
HB156.4700	47	4	585	385
HB156.4800	48	4	605	405
HB156.4900	49	4	605	405
HB156.5000	50	4	605	405

Referencia	D	MK	I1	I2
HB158.4000	40	4	695	460
HB158.4100	41	4	695	460
HB158.4200	42	4	695	460
HB158.4300	43	4	735	490
HB158.4400	44	4	735	490
HB158.4500	45	4	735	490
HB158.4600	46	4	735	490
HB158.4700	47	4	735	490
HB158.4800	48	4	765	510
HB158.4900	49	4	765	510
HB158.5000	50	4	765	510

Broca HSS CO5 Cono Morse- DIN 341/1870 - Series Largas

• Características: DIN 341 / DIN 1870 - Tipo C - GT100 - HSS-CO5% - Punta 118°



Referencia	D	MK	I1	I2
HB160.0800	8	1	181	100
HB160.0850	8,5	1	181	100
HB160.0900	9	1	188	107
HB160.0950	9,5	1	188	107
HB160.1000	10	1	197	116
HB160.1050	10,5	1	197	116
HB160.1100	11	1	206	125
HB160.1150	11,5	1	206	125
HB160.1200	12	1	215	134
HB160.1250	12,5	1	215	134
HB160.1300	13	1	215	134
HB160.1350	13,5	1	223	142
HB160.1400	14	1	223	142
HB160.1450	14,5	2	245	147
HB160.1500	15	2	245	147
HB160.1550	15,5	2	251	153
HB160.1600	16	2	251	153
HB160.1650	16,5	2	257	159
HB160.1700	17	2	257	159
HB160.1750	17,5	2	263	165
HB160.1800	18	2	263	165
HB160.1850	18,5	2	269	171
HB160.1900	19	2	269	171
HB160.1950	19,5	2	275	177
HB160.2000	20	2	275	177

Referencia	D	MK	I1	I2
HB162.0800	8	1	265	165
HB162.0850	8,5	1	265	165
HB162.0900	9	1	275	175
HB162.0950	9,5	1	275	175
HB162.1000	10	1	285	185
HB162.1050	10,5	1	285	185
HB162.1100	11	1	300	195
HB162.1150	11,5	1	300	195
HB162.1200	12	1	310	205
HB162.1250	12,5	1	310	205
HB162.1300	13	1	310	205
HB162.1350	13,5	1	325	220
HB162.1400	14	1	325	220
HB162.1450	14,5	2	340	220
HB162.1500	15	2	340	220
HB162.1550	15,5	2	355	230
HB162.1600	16	2	355	230
HB162.1650	16,5	2	355	230
HB162.1700	17	2	355	230
HB162.1750	17,5	2	370	245
HB162.1800	18	2	370	245
HB162.1850	18,5	2	370	245
HB162.1900	19	2	370	245
HB162.1950	19,5	2	385	260
HB162.2000	20	2	385	260

Referencia	D	MK	I1	I2
HB164.1400	14	1	410	275
HB164.1450	14,5	2	425	275
HB164.1500	15	2	425	275
HB164.1550	15,5	2	445	295
HB164.1600	16	2	445	295
HB164.1650	16,5	2	445	295
HB164.1700	17	2	445	295
HB164.1750	17,5	2	465	310
HB164.1800	18	2	465	310
HB164.1850	18,5	2	465	310
HB164.1900	19	2	465	310
HB164.1950	19,5	2	490	325
HB164.2000	20	2	490	325