

Broca espiral HPC, 3 x D

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Ø m7 mm	Longitud de la espiral mm	Longitud total mm	Ø de vástago mm	ACERO < 1400 N/mm ² f mm/rev	format EGT	format EGT	Ref.
					1193 SUPRA	1194 SUPRA	
17.5	73	123	18	0.35	277,85	277,85	...1750
17.7	73	123	18	0.35	277,85	277,85	...1770
17.8	73	123	18	0.35	277,85	277,85	...1780
18	73	123	18	0.35	277,85	277,85	...1800
18.5	79	131	20	0.35	314,55	314,55	...1850
19	79	131	20	0.35	314,55	314,55	...1900
19.3	79	131	20	0.35	314,55	314,55	...1930
19.5	79	131	20	0.35	314,55	314,55	...1950
19.8	79	131	20	0.35	314,55	314,55	...1980
20	79	131	20	0.35	314,55	314,55	...2000

Broca espiral HPC, 5 x D

Características: Broca espiral estable, multigeometría especial, con cámaras de virutas pulidas.

Metal duro integral


UNI

140°


30°

5xD


HPC



1195
SUPRA



1197
SUPRA



Aplicación	ACERO			INOX			FUNDICIÓN		ALEACIONES ESPECIALES	METALES NO FÉRRICOS				ACERO TEMPLADO			Ref.
	< 700 N/mm ²	< 1000 N/mm ²	< 1400 N/mm ²	Ferrit./martens.	Austenítico	Duplex	GG/GTS	GGG	Titanio > 850 N/mm ²	Aluminio < 8% Si	Aluminio > 8% Si	Aleaciones de cobre y cinc	GFRP/CFRP/Duropl.	< 55 HRC	< 60 HRC	> 60 HRC	
V _c [m/min]	105	70	40	45	30	-	95	85	45	185	135	120	-	30	-	-	1195
	105	70	40	45	30	-	95	85	45	185	135	120	-	30	-	-	1197

Ø m7 mm	Longitud de la espiral mm	Longitud total mm	Ø de vástago mm	ACERO < 1400 N/mm ² f mm/rev	format EGT	format EGT	Ref.
					1195 SUPRA	1197 SUPRA	
1	10	55	3	0.06	62,90	-	...0100
1.1	12	55	3	0.06	62,90	-	...0110
1.2	12	55	3	0.06	62,90	-	...0120
1.3	12	55	3	0.06	62,90	-	...0130
1.4	12	55	3	0.06	62,90	-	...0140
1.5	12	55	3	0.06	62,90	-	...0150
1.6	16	55	3	0.06	62,90	-	...0160
1.7	16	55	3	0.06	62,90	-	...0170
1.8	16	55	3	0.06	62,90	-	...0180
1.9	16	55	3	0.06	62,90	-	...0190
2	16	57	3	0.06	62,90	-	...0200
2.1	21	57	3	0.08	62,90	-	...0210
2.2	21	57	3	0.08	62,90	-	...0220
2.3	21	57	3	0.08	62,90	-	...0230
2.4	21	57	3	0.08	62,90	-	...0240
2.5	21	57	3	0.08	62,90	-	...0250
2.6	21	57	3	0.08	62,90	-	...0260
2.7	21	57	3	0.08	62,90	-	...0270

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Broca espiral HPC, 5 x D

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Ø m7 mm	Longitud de la espiral mm	Longitud total mm	Ø de vástago mm	ACERO < 1400 N/mm ² f mm/rev	formal) εGT		Ref.
					1195 SUPRA €	1197 SUPRA €	
2.8	21	57	3	0.08	62,90	-	...0280
2.9	21	57	3	0.08	62,90	-	...0290
3	28	66	6	0.08	62,90	62,90	...0300
3.1	28	66	6	0.12	62,90	62,90	...0310
3.2	28	66	6	0.12	62,90	62,90	...0320
3.25	28	66	6	0.12	62,90	62,90	...0325
3.3	28	66	6	0.12	62,90	62,90	...0330
3.4	28	66	6	0.12	62,90	62,90	...0340
3.5	28	66	6	0.12	62,90	62,90	...0350
3.6	28	66	6	0.12	62,90	62,90	...0360
3.65	28	66	6	0.12	62,90	62,90	...0365
3.7	28	66	6	0.12	62,90	62,90	...0370
3.8	36	74	6	0.12	62,90	62,90	...0380
3.9	36	74	6	0.12	62,90	62,90	...0390
4	36	74	6	0.12	62,90	62,90	...0400
4.1	36	74	6	0.12	62,90	62,90	...0410
4.2	36	74	6	0.12	62,90	62,90	...0420
4.3	36	74	6	0.12	62,90	62,90	...0430
4.4	36	74	6	0.12	62,90	62,90	...0440
4.5	36	74	6	0.12	62,90	62,90	...0450
4.6	36	74	6	0.12	62,90	62,90	...0460
4.65	36	74	6	0.12	62,90	62,90	...0465
4.7	36	74	6	0.12	62,90	62,90	...0470
4.8	44	82	6	0.12	62,90	62,90	...0480
4.9	44	82	6	0.12	62,90	62,90	...0490
5	44	82	6	0.12	62,90	62,90	...0500
5.1	44	82	6	0.16	62,90	62,90	...0510
5.2	44	82	6	0.16	62,90	62,90	...0520
5.3	44	82	6	0.16	62,90	62,90	...0530
5.4	44	82	6	0.16	62,90	62,90	...0540
5.5	44	82	6	0.16	62,90	62,90	...0550
5.55	44	82	6	0.16	62,90	62,90	...0555
5.6	44	82	6	0.16	62,90	62,90	...0560
5.7	44	82	6	0.16	62,90	62,90	...0570
5.8	44	82	6	0.16	62,90	62,90	...0580
5.9	44	82	6	0.16	62,90	62,90	...0590
6	44	82	6	0.16	62,90	62,90	...0600
6.1	53	91	8	0.16	73,36	73,36	...0610
6.2	53	91	8	0.16	73,36	73,36	...0620
6.3	53	91	8	0.16	73,36	73,36	...0630
6.4	53	91	8	0.16	73,36	73,36	...0640
6.5	53	91	8	0.16	73,36	73,36	...0650
6.6	53	91	8	0.16	73,36	73,36	...0660
6.7	53	91	8	0.16	73,36	73,36	...0670
6.8	53	91	8	0.16	73,36	73,36	...0680
6.9	53	91	8	0.16	73,36	73,36	...0690
7	53	91	8	0.16	73,36	73,36	...0700
7.1	53	91	8	0.16	73,36	73,36	...0710
7.2	53	91	8	0.16	73,36	73,36	...0720
7.3	53	91	8	0.16	73,36	73,36	...0730
7.4	53	91	8	0.16	73,36	73,36	...0740
7.5	53	91	8	0.16	73,36	73,36	...0750
7.6	53	91	8	0.16	73,36	73,36	...0760
7.7	53	91	8	0.16	73,36	73,36	...0770
7.8	53	91	8	0.16	73,36	73,36	...0780
7.9	53	91	8	0.16	73,36	73,36	...0790
8	53	91	8	0.16	73,36	73,36	...0800
8.1	61	103	10	0.16	83,88	83,88	...0810
8.2	61	103	10	0.16	83,88	83,88	...0820
8.3	61	103	10	0.16	83,88	83,88	...0830
8.4	61	103	10	0.16	83,88	83,88	...0840
8.5	61	103	10	0.16	83,88	83,88	...0850
8.6	61	103	10	0.16	83,88	83,88	...0860
8.7	61	103	10	0.16	83,88	83,88	...0870
8.8	61	103	10	0.16	83,88	83,88	...0880
8.9	61	103	10	0.16	83,88	83,88	...0890
9	61	103	10	0.16	83,88	83,88	...0900
9.1	61	103	10	0.21	83,88	83,88	...0910
9.2	61	103	10	0.21	83,88	83,88	...0920

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Broca espiral HPC, 5 x D

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Ø m7 mm	Longitud de la espiral mm	Longitud total mm	Ø de vástago mm	ACERO < 1400 N/mm ² f mm/rev	formato Δ GT		Ref.
					1195 SUPRA €	1197 SUPRA €	
9.3	61	103	10	0.21	83,88	83,88	...0930
9.4	61	103	10	0.21	83,88	83,88	...0940
9.5	61	103	10	0.21	83,88	83,88	...0950
9.6	61	103	10	0.21	83,88	83,88	...0960
9.7	61	103	10	0.21	83,88	83,88	...0970
9.8	61	103	10	0.21	83,88	83,88	...0980
9.9	61	103	10	0.21	83,88	83,88	...0990
10	61	103	10	0.21	83,88	83,88	...1000
10.1	71	118	12	0.21	119,56	119,56	...1010
10.2	71	118	12	0.21	119,56	119,56	...1020
10.3	71	118	12	0.21	119,56	119,56	...1030
10.4	71	118	12	0.21	119,56	119,56	...1040
10.5	71	118	12	0.21	119,56	119,56	...1050
10.6	71	118	12	0.21	119,56	119,56	...1060
10.7	71	118	12	0.21	119,56	119,56	...1070
10.8	71	118	12	0.21	119,56	119,56	...1080
10.9	71	118	12	0.21	119,56	119,56	...1090
11	71	118	12	0.21	119,56	119,56	...1100
11.1	71	118	12	0.21	119,56	119,56	...1110
11.2	71	118	12	0.21	119,56	119,56	...1120
11.3	71	118	12	0.21	119,56	119,56	...1130
11.4	71	118	12	0.21	119,56	119,56	...1140
11.5	71	118	12	0.21	119,56	119,56	...1150
11.55	71	118	12	0.21	119,56	119,56	...1155
11.6	71	118	12	0.21	119,56	119,56	...1160
11.7	71	118	12	0.21	119,56	119,56	...1170
11.8	71	118	12	0.21	119,56	119,56	...1180
11.9	71	118	12	0.21	119,56	119,56	...1190
12	71	118	12	0.21	119,56	119,56	...1200
12.2	77	124	14	0.27	152,06	152,06	...1220
12.3	77	124	14	0.27	152,06	152,06	...1230
12.5	77	124	14	0.27	152,06	152,06	...1250
12.8	77	124	14	0.27	152,06	152,06	...1280
13	77	124	14	0.27	152,06	152,06	...1300
13.5	77	124	14	0.27	152,06	152,06	...1350
13.8	77	124	14	0.27	152,06	152,06	...1380
14	77	124	14	0.27	152,06	152,06	...1400
14.2	83	133	16	0.27	187,65	187,65	...1420
14.5	83	133	16	0.27	187,65	187,65	...1450
14.8	83	133	16	0.27	187,65	187,65	...1480
15	83	133	16	0.27	187,65	187,65	...1500
15.2	83	133	16	0.27	187,65	187,65	...1520
15.5	83	133	16	0.27	187,65	187,65	...1550
15.8	83	133	16	0.27	187,65	187,65	...1580
16	83	133	16	0.27	187,65	187,65	...1600
16.5	93	143	18	0.35	293,55	293,55	...1650
16.8	93	143	18	0.35	293,55	293,55	...1680
17	93	143	18	0.35	293,55	293,55	...1700
17.5	93	143	18	0.35	293,55	293,55	...1750
17.8	93	143	18	0.35	293,55	293,55	...1780
18	93	143	18	0.35	293,55	293,55	...1800
18.5	101	153	20	0.35	313,52	313,52	...1850
19	101	153	20	0.35	313,52	313,52	...1900
19.5	101	153	20	0.35	313,52	313,52	...1950
20	101	153	20	0.35	313,52	313,52	...2000

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