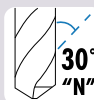


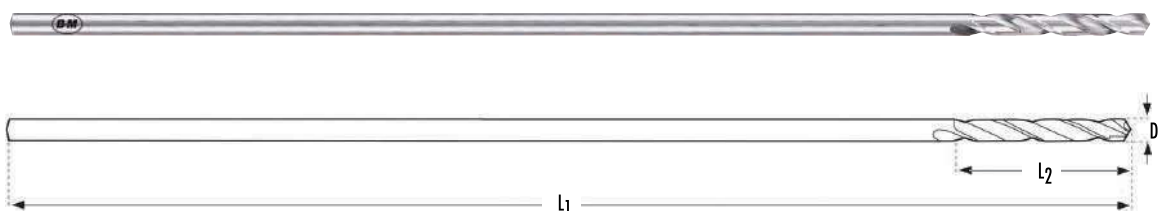
BROCA HELICOIDAL PARA AERONÁUTICA, SERIE EXTRA LARGA

Ref. BC08

HSS



AIRCRAFT



150 mm

				BC08
	D1 mm	L1 mm	L2 mm	€
BC080225150	2,25	150	25	14,82
BC080250150	2,50	150	25	14,31
BC080320150	3,20	150	26	14,28
BC080325150	3,25	150	36	14,07
BC080400150	4,00	150	43	14,55

300 mm

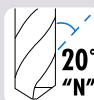
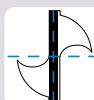
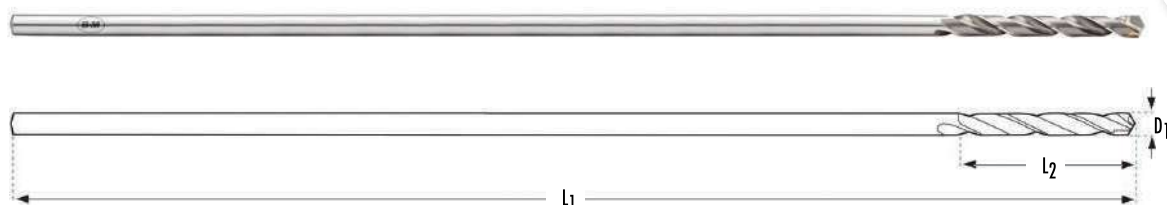
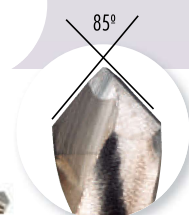
				BC08
	D1 mm	L1 mm	L2 mm	€
BC080225300	2,25	300	25	15,74
BC080250300	2,50	300	25	14,88
BC080320300	3,20	300	26	14,91
BC080325300	3,25	300	36	14,86
BC080400300	4,00	300	43	16,63

* Otras dimensiones disponibles bajo demanda

BROCA DE METAL DURO HELICOIDAL PARA AERONÁUTICA, SERIE EXTRALARGA

Ref. BC08PMD

PMD

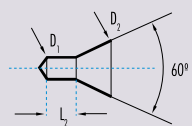
AIRCRAFT
MD

* Disponibilidad serie Aircraft MD. Fabricación de medidas especiales bajo demanda.

BROCAS DE CENTRAR

Ref. BC10
Ref. BC10Co
Ref. BC65

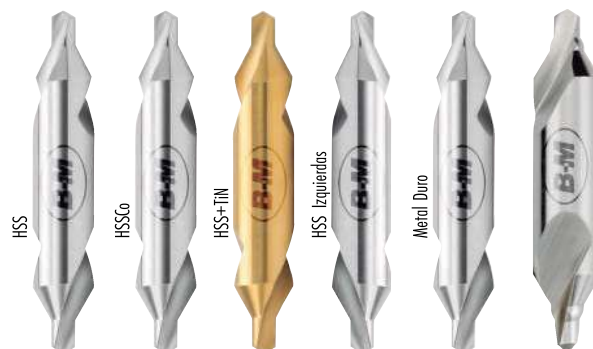
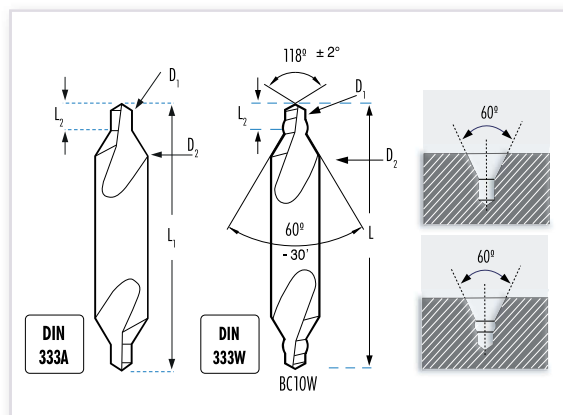
Ref. BC10I
Ref. BC10MD
Ref. BC10W



DIN
333A



DIN
333W



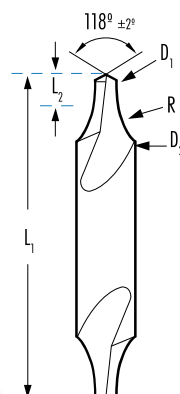
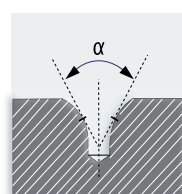
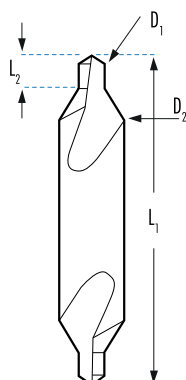
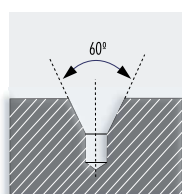
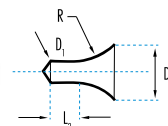
		BC10	BC10Co	BC65	BC10I	BC10MD	BCW10
		HSS	HSSCo 5%	TiN	HSS	MD	HSS
D1 x D2 mm	L1 x L2 mm	€	€	€	€	€	€
0,50 x 3,00	31 x 1	14,42		19,88			17,30
0,50 x 3,15*	25 x 1	8,47	9,21	14,10			10,16
0,63 x 3,15*	25 x 1	8,47		14,10		65,83	
0,80 x 3,15*	25 x 1	8,32	9,21	13,97			9,99
1,00 x 3,15	31 x 1	6,16	9,21	11,88		62,70	7,39
1,25 x 3,15	33 x 1	6,16	9,21	11,88		62,70	7,39
0,75 x 3,50	35 x 1	8,99	9,21	14,63			
1,00 x 4,00	35 x 1	7,74	9,21	13,41		70,29	9,28
1,25 x 4,00	35 x 1	6,54		12,69			7,85
1,50 x 5,00	40 x 2	7,45	9,91	14,32		71,71	8,94
1,60 x 4,00	37 x 2	6,16	9,21	12,34	11,12	66,96	7,39
1,60 x 5,00	40 x 2	6,51		13,40			7,81
2,00 x 5,00	42 x 2	6,62	9,91	13,51	11,95	76,30	7,95
2,00 x 6,00	45 x 2	7,45	10,44	14,79		81,35	8,94
2,00 x 6,30	45 x 2	6,68		14,54	12,68		8,84
2,50 x 6,30	47 x 3	7,36	11,01	14,72	13,28	86,94	8,84
2,50 x 8,00	50 x 3	8,12	11,01	15,43	14,66	102,42	9,74
3,00 x 8,00	50 x 3	8,13	11,61	15,46		102,42	9,75
3,15 x 8,00	52 x 4	8,10	12,10	15,43	14,63	97,55	9,71
3,00 x 10,00	55 x 4	10,57	16,05	18,34		121,54	12,68
3,15 x 10,00	56 x 4	9,58		20,10	17,28		11,49
4,00 x 10,00	59 x 5	11,24	16,05	20,82	20,29	121,54	13,48
4,00 x 12,00	63 x 5	18,16	25,30	26,87			21,79
4,00 x 12,50	63 x 5	13,08		26,87	23,63		21,79
5,00 x 12,00	63 x 5	18,16	25,30	26,87		196,88	21,79
5,00 x 12,50	66 x 6	19,70	26,44	28,49	35,59	202,99	23,64
5,00 x 14,00	69 x 6	31,21	34,94	40,82			37,45
5,00 x 16,00	71 x 6	31,21		37,15	56,36		37,45
6,30 x 16,00	74 x 8	26,96	37,84	37,15		324,26	32,35
6,30 x 18,00	77 x 8	47,51		60,50			57,02
6,30 x 20,00	80 x 8	47,51		60,50			61,77
8,00 x 20,00	81 x 27	52,04	103,55	75,17			62,44
8,00 x 25,00	100 x 10	113,49		144,34			
10,00 x 25,00	100 x 31	80,74	113,97	112,55			96,89
10,00 x 31,50	125 x 12	239,51		288,78			
12,50 x 31,50	125 x 33	192,06	249,61	243,72			



BROCAS DE CENTRAR

Ref. BC64
Ref. BC68**DIN
333A****SERIE LARGA**

Ref. BC62

**DIN
333R**

Metal Duro

D1 x D2 mm	L1 x L2 mm	BC64	BC68
		HSS €	TiN €
1,00 x 4,00	60 x 1	21,10	32,00
1,00 x 4,00	120 x 1	42,62	81,40
1,50 x 5,00	60 x 2	21,53	32,41
1,50 x 5,00	120 x 2	43,45	72,02
2,00 x 5,00	200 x 2	88,86	159,07
2,00 x 6,00	80 x 2	22,42	35,20
2,00 x 6,00	120 x 2	33,96	71,18
2,50 x 6,30	200 x 2	87,27	157,48
2,50 x 8,00	80 x 3	27,28	45,77
2,50 x 8,00	120 x 3	41,31	84,37
3,00 x 8,00	80 x 4	27,28	45,77
3,00 x 8,00	120 x 4	41,31	84,37
3,15 x 8,00	200 x 4	82,50	152,72
3,00 x 10,00	100 x 4	35,23	57,58
3,00 x 10,00	120 x 4	42,67	95,50
4,00 x 10,00	100 x 5	35,27	57,58
4,00 x 10,00	120 x 5	42,73	95,50
4,00 x 10,00	200 x 5	90,44	160,66
4,00 x 12,00	100 x 5	47,50	85,96
4,00 x 12,00	120 x 5	57,54	121,58
5,00 x 14,00	120 x 6	80,57	146,54

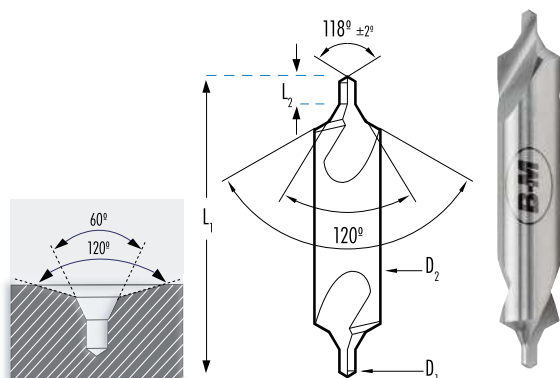
D1 x D2 mm	L1 x L2 mm	BC62	BC62MDI
		HSS €	MD €
0,50 x 3,00	31 x 2,3	10,12	
0,50 x 3,15	25 x 2,3	6,73	46,26
0,80 x 3,15	25 x 2,6	6,73	
1,00 x 3,15	31 x 3,0	6,73	48,27
1,25 x 3,15	31 x 3,3	6,73	48,27
0,50 x 3,50	35 x 2,7	10,12	
0,75 x 3,50	35 x 2,8	6,73	
1,00 x 4,00	35 x 3,3	6,73	
1,25 x 4,00	35 x 3,7	6,73	
1,60 x 4,00	37 x 4,0	6,73	52,29
1,50 x 5,00	40 x 4,5	7,36	
1,60 x 5,00	40 x 4,5	7,59	
2,00 x 5,00	42 x 5,0	7,32	62,34
2,00 x 6,00	45 x 5,4	8,20	
2,00 x 6,30	45 x 6,0	8,49	
2,50 x 6,30	47 x 6,0	8,14	74,41
2,50 x 8,00	50 x 7,0	8,94	
3,00 x 8,00	50 x 8,0	8,94	
3,15 x 8,00	52 x 8,0	8,94	90,50
3,00 x 10,00	55 x 8,9	11,64	
3,15 x 10,00	56 x 9,0	11,64	
4,00 x 10,00	56 x 10,0	11,64	123,88
4,00 x 12,00	63 x 10,7	18,39	
5,00 x 12,00	63 x 11,4	18,39	
4,00 x 12,50	63 x 11,0	19,41	
5,00 x 12,50	66 x 13,0	19,46	197,09
5,00 x 14,00	69 x 12,8	25,09	
5,00 x 16,00	71 x 15,0	27,61	
6,30 x 16,00	74 x 17,0	27,95	
6,00 x 18,00	77 x 16,6	41,57	
6,30 x 20,00	80 x 19,0	49,55	
8,00 x 20,00	80 x 21,0	53,11	
10,00 x 25,00	100 x 26,0	87,98	
12,50 x 31,50	125 x 33,0	200,70	

BROCAS DE CENTRAR

Ref. BC63

DIN
333B

HSS



BC63		
D1 x D2 mm	L1 x L2 mm	€
0,50 x 3,00	31,00 x 0,6	12,59
0,75 x 4,00	35,00 x 1,0	11,28
1,00 x 4,00	37,50 x 1,60	11,28
1,25 x 5,00	42,00 x 1,90	11,28
1,50 x 5,00	40,00 x 2,00	12,05
1,00 x 6,00	45,00 x 1,30	12,05
2,00 x 6,00	45,00 x 2,50	12,05
1,60 x 6,30	47,00 x 2,40	11,28
1,50 x 8,00	50,00 x 2,00	12,64
2,00 x 8,00	52,00 x 2,90	11,83
2,50 x 8,00	50,00 x 3,10	13,75
3,00 x 8,00	50,00 x 3,90	14,14
2,00 x 10,00	55,00 x 2,50	14,42
2,50 x 10,00	59,00 x 3,60	13,69
3,00 x 10,00	55,00 x 3,90	16,35
4,00 x 10,00	55,00 x 5,00	16,46
3,15 x 11,20	63,00 x 4,40	15,82
2,50 x 12,00	63,00 x 3,10	21,27
4,00 x 12,00	63,00 x 5,00	21,85
5,00 x 12,00	63,00 x 6,30	23,23
3,00 x 14,00	69,00 x 3,90	26,70
4,00 x 14,00	70,00 x 5,60	24,33
5,00 x 14,00	69,00 x 6,30	31,63
4,00 x 16,00	71,00 x 5,00	34,03
4,00 x 18,00	77,00 x 5,00	37,50
5,00 x 18,00	78,00 x 6,90	33,63
6,00 x 18,00	77,00 x 8,00	44,74
5,00 x 20,00	80,00 x 6,30	63,54
6,30 x 20,00	83,00 x 8,60	49,06
6,00 x 25,00	100,00 x 8,00	113,06
6,30 x 25,00	100,00 x 8,00	113,06
8,00 x 25,00	100,00 x 26,00	108,36
10,00 x 31,50	125,00 x 30,00	214,71

BROCAS DE PUNTEAR

Ref. BC75
Ref. BI75
Ref. BC76

HSSCo
5%

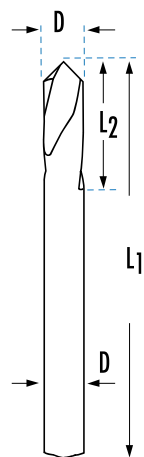
TiAIN

DIN
1412A

D₂

TOL
h6

Utilizadas para el centrado previo de los taladros realizados con broca. Prepara la embocadura de la broca. Incrementa la velocidad de ataque en el taladrado.



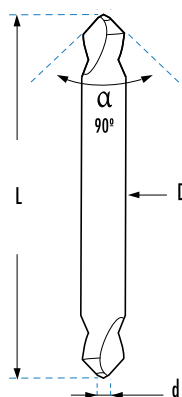
D mm	L1 x L2 mm	BC75 90°	BI75 90°	BC76 120°	BH75 142°
		€	€	€	€
2,0	49 x 8	19,11		19,11	
3,0	50 x 10	22,10	68,14	22,10	27,90
4,0	52 x 12	22,10	72,70	22,10	27,90
5,0	60 x 15	24,93	77,24	24,93	31,46
6,0	66 x 20	24,93	81,77	24,93	31,46
8,0	79 x 25	28,15	90,86	28,15	35,53
10,0	89 x 25	28,15	102,22	28,15	35,53
12,0	102 x 30	38,83	113,58	38,83	49,01
16,0	115 x 35	53,41		53,41	67,41
20,0	131 x 40	105,10		105,10	132,65

BROCA DE PUNTEAR DOBLE PUNTA

Ref. DP75

HSSCo
5%

TiAIN



D x d mm	L mm	DP75 90°
		€
3,0 x 0,5	40	27,58
4,0 x 1,0	45	27,70
6,0 x 2,0	55	31,42
8,0 x 2,5	65	36,28
10,0 x 3,0	75	38,93
12,0 x 3,5	85	48,03
16,0 x 4,0	90	73,98
20,0 x 5,0	100	121,36

