

BROCAS



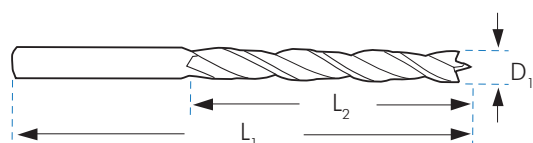
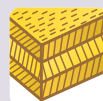
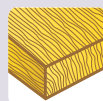
MADERA

BROCA PARA MADERA DE TRES PUNTAS

Ref. BM

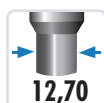


CV

Serie
Standard

				SERIE LARGA			SERIE EXTRA LARGA		
				300 mm			450 mm		
D ₁ mm		L ₁ x L ₂ mm	€		L ₁ x L ₂ mm	€		L ₁ x L ₂ mm	€
3,0	BM03	59 x 35	0,98						
4,0	BM04	74 x 41	1,09						
5,0	BM05	82 x 55	1,19	BM05X300	300x160	4,35			
6,0	BM06	88 x 58	1,47	BM06X300	300x160	4,03			
7,0	BM07	110 x 70	1,63	BM07X300	300x160	4,96			
8,0	BM08	110 x 70	2,02	BM08X300	300x160	4,59	BM08X450	450x250	10,13
9,0	BM09	110 x 70	2,38	BM09X300	300x160	5,77	BM09X450	450x250	11,44
10,0	BM10	115 x 75	2,52	BM10X300	300x160	5,91	BM10X450	450x250	12,60
11,0	BM11	135 x 85	3,15	BM11X300	300x160	7,10	BM11X450	450x250	13,73
12,0	BM12	135 x 85	3,43	BM12X300	300x160	7,14	BM12X450	450x250	15,72
13,0	BM13*	135 x 90	3,63	BM13X300*	300x160	8,89	BM13X450*	450x250	17,64
14,0	BM14*	145 x 95	3,97	BM14X300*	300x160	9,81	BM14X450*	450x250	19,58
15,0	BM15*	160 x 95	4,69	BM15X300*	300x160	10,70	BM15X450*	450x250	19,95
16,0	BM16*	160 x 95	5,48	BM16X300*	300x160	12,73	BM16X450*	450x250	20,71
18,0	BM18*	160 x 100	8,80	BM18X300*	300x160	15,96	BM18X450*	450x250	25,27
20,0	BM20*	175 x 100	10,89	BM20X300*	300x160	17,78	BM20X450*	450x250	27,93
22,0	BM22*	209 x 140	14,74						

* Todas las brocas por encima de 13 mm tienen el mango reducido.



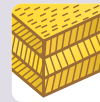
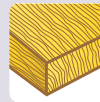
REFERENCIA	BM9334	BM9335	BM9336	BM9333
Nº BROCAS	5	5	7	8
CALIDAD	SERIE STANDARD	SERIE STANDARD	SERIE STANDARD	SERIE STANDARD
CONTENIDO	Ø 4 - 5 - 6 - 8 - 10 mm	Ø 3 - 4 - 5 - 6 - 8 mm	Ø 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	Ø 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm
P.V.P. €	10,07	9,21	14,20	16,61

BROCA PARA MADERA DE TRES PUNTAS PROFESIONAL

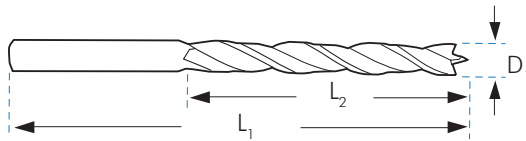
Ref. BMPR



HSS



Serie Profesional

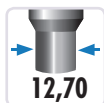


Brocas Madera

Gris

				SERIE LARGA			SERIE EXTRA LARGA		
				245 mm			400 mm		
D ₁ mm		L ₁ x L ₂ mm	€		L ₁ x L ₂ mm	€		L ₁ x L ₂ mm	€
3,0	BMPR03	59 x 35	1,68						
4,0	BMPR04	74 x 41	1,82						
5,0	BMPR05	82 x 55	2,09						
6,0	BMPR06	88 x 58	2,76	BMPR06X245	245x160	9,47	BMPR06X400	400x160	22,35
7,0	BMPR07	110 x 70	3,20						
8,0	BMPR08	110 x 70	3,78	BMPR08X245	245x160	11,83	BMPR08X400	400x160	22,35
9,0	BMPR09	110 x 70	4,58						
10,0	BMPR10	115 x 75	4,96	BMPR10X245	245x160	14,19	BMPR10X400	400x160	26,71
11,0	BMPR11	135 x 85	5,87						
12,0	BMPR12	135 x 85	6,47	BMPR12X245	245x200	18,89	BMPR12X400	400x250	31,32
13,0	BMPR13*	135 x 90	6,92						
14,0	BMPR14*	145 x 95	7,58	BMPR14X245*	245x200	25,88	BMPR14X400*	400x250	42,34
15,0	BMPR15*	160 x 95	9,35						
16,0	BMPR16*	165 x 95	11,11	BMPR16X245*	245x200	34,52	BMPR16X400*	400x250	53,64
18,0	BMPR18*	160 x 100	15,27	BMPR18X245*	245x200	36,97	BMPR18X400*	400x250	70,59
20,0	BMPR20*	175 x 100	20,26						

* Todas las brocas por encima de 13 mm tienen el mango reducido.



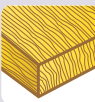
REFERENCIA	BMPR9334	BMPR9335	BMPR9336	BMPR9333
Nº BROCAS	5	5	7	8
CALIDAD	SERIE PROFESIONAL	SERIE PROFESIONAL	SERIE PROFESIONAL	SERIE PROFESIONAL
CONTENIDO	Ø 4 - 5 - 6 - 8 - 10 mm	Ø 3 - 4 - 5 - 6 - 8 mm	Ø 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	Ø 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm
P.V.P. €	18,10	16,80	25,56	28,85

BROCA PARA MADERA CV, TIPO "S"

Ref. BM"S"

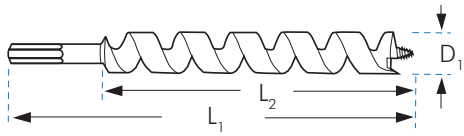


CV



Para Ø 6 - Mango cilíndrico
Ø Superiores - Mango hexagonal

**Tipo
S**



				SERIE LARGA			SERIE EXTRA LARGA		
230 mm				460 mm			650 mm		
D1 mm		L1 x L2 mm	€		L1 x L2 mm	€		L1 x L2 mm	€
6,0	BM06X230	230x160	15,57	BM06X460	460x370	21,25	BM06X650	650x550	27,31
8,0	BM08X230	230x160	16,43	BM08X460	460x370	20,08	BM08X650	650x550	28,46
10,0	BM10X230	230x160	16,75	BM10X460	460x370	21,84	BM10X650	650x550	33,67
12,0	BM12X230	230x160	18,26	BM12X460	460x370	23,68	BM12X650	650x550	33,94
14,0	BM14X230	230x160	19,07	BM14X460	460x370	28,96	BM14X650	650x550	48,69
15,0	BM15X230	230x160	29,18						
16,0	BM16X230	230x160	22,18	BM16X460	460x370	34,34	BM16X650	650x550	57,74
17,0	BM17X230	230x160	33,19						
18,0	BM18X230	230x160	27,97	BM18X460	460x370	45,81	BM18X650	650x550	85,30
20,0	BM20X230	230x160	30,47	BM20X460	460x370	51,58	BM20X650	650x550	98,34
22,0	BM22X230	230x160	33,29	BM22X460	460x370	56,74	BM22X650	650x550	108,96
24,0	BM24X230	230x160	37,71	BM24X460	460x370	62,19	BM24X650	650x550	124,59
26,0	BM26X230	230x160	42,69	BM26X460	460x370	67,26	BM26X650	650x550	129,99
28,0	BM28X230	230x160	48,90	BM28X460	460x370	73,23	BM28X650	650x550	133,24
30,0	BM30X230	230x160	56,33	BM30X460	460x370	79,95	BM30X650	650x550	139,11
32,0	BM32X230	230x160	72,83	BM32X460	460x370	89,24	BM32X650	650x550	143,06
34,0	BM34X230	230x160	93,91	BM34X460	460x370	116,42	BM34X650	650x550	150,99
36,0	BM36X230	230x160	109,55	BM36X460	460x370	131,21	BM36X650	650x550	164,38
38,0	BM38X230	230x160	127,14	BM38X460	460x370	147,83	BM38X650	650x550	179,78

ESTUCHES DE MADERA CON BROCAS CV TIPO "S"



Ref. BM9440

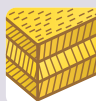
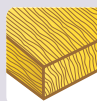
230 mm				
REFERENCIA	BM9440	BM9441	BM9442	BM9443
Nº BROCAS	5	5	4	5
CALIDAD	SERIE STANDARD	SERIE STANDARD	SERIE STANDARD	SERIE STANDARD
CONTENIDO	Ø 6 - 8 - 10 - 12 - 14 mm	Ø 12 - 14 - 16 - 18 - 20 mm	Ø 8 - 10 - 12 - 14 mm	Ø 8 - 12 - 20 - 25 - 30 mm
P.V.P. €	106,83	134,13	91,50	176,11
460 mm				
REFERENCIA	BM9540	BM9541	BM9542	BM9543
Nº BROCAS	5	5	4	5
CALIDAD	SERIE STANDARD	SERIE STANDARD	SERIE STANDARD	SERIE STANDARD
CONTENIDO	Ø 6 - 8 - 10 - 12 - 14 mm	Ø 12 - 14 - 16 - 18 - 20 mm	Ø 8 - 10 - 12 - 14 mm	Ø 8 - 12 - 20 - 25 - 30 mm
P.V.P. €	173,10	233,68	152,43	315,50

BROCA PARA MADERA CV, TIPO "S"

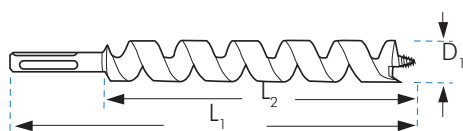
Ref. BMSDS



CV



Tipo
S



				SERIE LARGA			SERIE EXTRA LARGA		
230 mm				460 mm			650 mm		
D1 mm		L1x L2 mm	€		L1x L2 mm	€		L1x L2 mm	€
6,0	BMSDS06X230	230x160	23,54	BMSDS06X460	460x370	31,62	BMSDS06X650	650x550	41,67
8,0	BMSDS08X230	230x160	24,24	BMSDS08X460	460x370	32,35	BMSDS08X650	650x550	41,97
10,0	BMSDS10X230	230x160	24,48	BMSDS10X460	460x370	33,57	BMSDS10X650	650x550	49,67
12,0	BMSDS12X230	230x160	27,74	BMSDS12X460	460x370	36,40	BMSDS12X650	650x550	50,06
14,0	BMSDS14X230	230x160	29,78	BMSDS14X460	460x370	44,54	BMSDS14X650	650x550	71,86
16,0	BMSDS16X230	230x160	33,36	BMSDS16X460	460x370	51,35	BMSDS16X650	650x550	85,19
18,0	BMSDS18X230	230x160	37,54	BMSDS18X460	460x370	66,19	BMSDS18X650	650x550	125,86
20,0	BMSDS20X230	230x160	40,31	BMSDS20X460	460x370	74,15	BMSDS20X650	650x550	145,10
22,0	BMSDS22X230	230x160	44,69	BMSDS22X460	460x370	81,60	BMSDS22X650	650x550	160,74
24,0	BMSDS24X230	230x160	49,16	BMSDS24X460	460x370	89,43	BMSDS24X650	650x550	170,44
25,0	BMSDS25X230	230x160	58,93	BMSDS25X460	460x370	100,96			
26,0	BMSDS26X230	230x160	58,93	BMSDS26X460	460x370	100,96	BMSDS26X650	650x550	177,85
28,0	BMSDS28X230	230x160	67,48	BMSDS28X460	460x370	109,39	BMSDS28X650	650x550	182,29
30,0	BMSDS30X230	230x160	77,76	BMSDS30X460	460x370	119,97	BMSDS30X650	650x550	190,32
32,0	BMSDS32X230	230x160	114,18	BMSDS32X460	460x370	133,31	BMSDS32X650	650x550	198,19
34,0	BMSDS34X230	230x160	128,48	BMSDS34X460	460x370	160,66	BMSDS34X650	650x550	206,57
36,0	BMSDS36X230	230x160	149,87	BMSDS36X460	460x370	181,05	BMSDS36X650	650x550	224,90
38,0	BMSDS38X230	230x160	173,93	BMSDS38X460	460x370	203,97	BMSDS38X650	650x550	245,98

BROCA PARA MADERA DE METAL DURO, TIPO "S"

Ref. BMMD

Tipo
S



MD



Geometría con plaquita
de Metal Duro.
Ideal para maderas muy duras

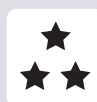
*Hasta fin de existencias



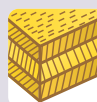
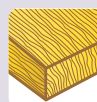
SERIE STANDARD				SERIE LARGA		
230 mm				460 mm		
D1 mm		L1x L2 mm	€		L1x L2 mm	€
10,0	BMMD10X230	230x160	39,69	BMMD10X460	460x370	65,26
12,0	BMMD12X230	230x160	40,66	BMMD12X460	460x370	68,40
14,0	BMMD14X230	230x160	47,80	BMMD14X460	460x370	70,85
15,0	BMMD15X230	230x160	47,99	BMMD15X460	460x370	77,67
16,0	BMMD16X230	230x160	47,99	BMMD16X460	460x370	82,04
17,0	BMMD17X230	230x160	53,55	BMMD17X460	460x370	98,89
18,0	BMMD18X230	230x160	54,90	BMMD18X460	460x370	111,62
20,0	BMMD20X230	230x160	63,23	BMMD20X460	460x370	118,79
22,0	BMMD22X230	230x160	68,38	BMMD22X460	460x370	128,40
24,0	BMMD24X230	230x160	77,14	BMMD24X460	460x370	140,15
26,0	BMMD26X230	230x160	99,65	BMMD26X460	460x370	158,68
28,0	BMMD28X230	230x160	109,10	BMMD28X460	460x370	169,17
30,0	BMMD30X230	230x160	115,48	BMMD30X460	460x370	173,38
32,0	BMMD32X230	230x160	168,23	BMMD32X460	460x370	218,70

BROCA PARA MADERA CON DOBLE CANAL

Ref. BM2P



CV



Doble
Canal



	BM2P		
	D1 mm	L1 x L2 mm	€
BM2P06X230	6,0	230 x 160	21,23
BM2P08X230	8,0	230 x 160	21,23
BM2P10X230	10,0	230 x 160	21,23
BM2P12X230	12,0	230 x 160	24,77
BM2P14X230	14,0	230 x 160	25,85
BM2P15X230	15,0	230 x 160	31,86
BM2P16X230	16,0	230 x 160	28,95
BM2P17X230	17,0	230 x 160	36,21
BM2P18X230	18,0	230 x 160	32,89
BM2P20X230	20,0	230 x 160	35,84
BM2P22X230	22,0	230 x 160	39,16
BM2P24X230	24,0	230 x 160	44,35
BM2P26X230	26,0	230 x 160	50,19
BM2P28X230	28,0	230 x 160	57,50
BM2P30X230	30,0	230 x 160	66,25
BM2P32X230	32,0	230 x 160	97,27
BM2P34X230	34,0	230 x 160	104,39
BM2P36X230	36,0	230 x 160	121,77
BM2P38X230	38,0	230 x 160	141,32

BROCA PARA MADERA CON CLAVOS CV, TIPO "S"

Ref. BMC

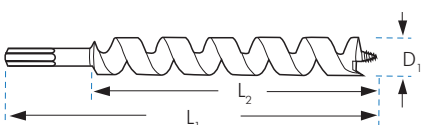
Tipo
S



CV



*Hasta fin de existencias

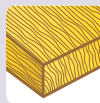


	BMC		
	D1 mm	L1 x L2 mm	€
BMC06X230	6,0	230 x 160	22,90
BMC08X230	8,0	230 x 160	22,90
BMC10X230	10,0	230 x 160	22,90
BMC12X230	12,0	230 x 160	26,71
BMC14X230	14,0	230 x 160	27,86
BMC15X230	15,0	230 x 160	34,35
BMC16X230	16,0	230 x 160	31,22
BMC17X230	17,0	230 x 160	39,04
BMC18X230	18,0	230 x 160	35,49
BMC20X230	20,0	230 x 160	38,62
BMC22X230	22,0	230 x 160	42,21
BMC24X230	24,0	230 x 160	47,82
BMC26X230	26,0	230 x 160	54,13
BMC28X230	28,0	230 x 160	61,99
BMC30X230	30,0	230 x 160	71,42
BMC32X230	32,0	230 x 160	104,87
BMC34X230	34,0	230 x 160	112,53
BMC36X230	36,0	230 x 160	131,29
BMC38X230	38,0	230 x 160	152,37

BROCA CV PARA MADERA, TIPO "S" CON MANGO HEXAGONAL 1/4"



CV



Ref. BMH



	D ₁ mm		L ₁ x L ₂ mm	BMH	
				€	
BMH03X100	3,0	1/4"	100 x 50	20,17	
BMH04X100	4,0	1/4"	100 x 50	19,59	
BMH05X105	5,0	1/4"	105 x 55	18,84	
BMH06X105	6,0	1/4"	105 x 55	17,11	
BMH07X105	7,0	1/4"	105 x 55	17,31	
BMH08X105	8,0	1/4"	105 x 55	17,97	
BMH09X110	9,0	1/4"	110 x 60	18,37	
BMH10X110	10,0	1/4"	110 x 60	18,46	
BMH11X110	11,0	1/4"	110 x 60	18,47	
BMH12X110	12,0	1/4"	110 x 60	20,41	
BMH13X110	13,0	1/4"	110 x 60	22,72	
BMH14X110	14,0	1/4"	110 x 60	24,67	
BMH15X110	15,0	1/4"	110 x 60	26,25	
BMH16X115	16,0	1/4"	115 x 65	27,96	
BMH17X115	17,0	1/4"	115 x 65	28,77	
BMH18X115	18,0	1/4"	115 x 65	29,71	
BMH19X120	19,0	1/4"	120 x 70	31,66	
BMH20X120	20,0	1/4"	120 x 70	33,02	
BMH21X120	21,0	1/4"	120 x 70	34,01	
BMH22X120	22,0	3/8"	120 x 70	36,32	
BMH23X120	23,0	3/8"	120 x 70	38,67	
BMH24X120	24,0	3/8"	120 x 70	40,22	
BMH25X130	25,0	3/8"	130 x 80	43,13	
BMH26X130	26,0	3/8"	130 x 80	45,68	
BMH27X130	27,0	3/8"	130 x 80	47,62	
BMH28X130	28,0	3/8"	130 x 80	51,30	
BMH29X130	29,0	3/8"	130 x 80	54,42	
BMH30X130	30,0	3/8"	130 x 80	56,93	
BMH33X140	33,0	3/8"	140 x 90	67,24	
BMH36X140	36,0	3/8"	140 x 90	75,43	

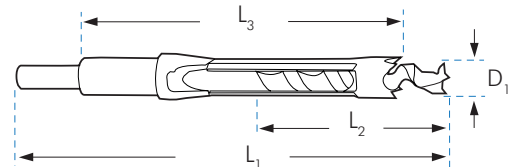
BROCA PARA AGUJEROS CUADRADOS EN MADERA



CV



Ref. BMCC



	D ₁ mm	L ₁ x L ₂ mm	L ₃ mm	BMCC	
				€	
BMCC05	5,0	210 x 70	135	37,93	
BMCC06	6,0	210 x 70	135	37,93	
BMCC07	7,0	210 x 70	140	37,93	
BMCC08	8,0	210 x 70	140	37,93	
BMCC09	9,0	210 x 70	140	37,93	
BMCC10	10,0	210 x 80	140	37,93	
BMCC12	12,0	210 x 80	140	39,05	
BMCC13	13,0	210 x 80	140	39,05	
BMCC14	14,0	218 x 100	140	49,02	
BMCC16	16,0	218 x 100	160	55,90	
BMCC18	18,0	218 x 100	160	71,63	
BMCC22	22,0	218 x 100	160	96,20	

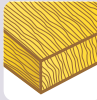


BROCA PLANA PARA MADERA MANGO HEXAGONAL 1/4"

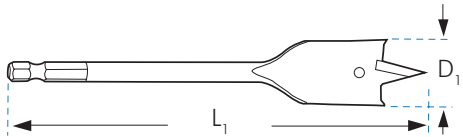
Ref. BMP



CV



Hexagonal
1/4"



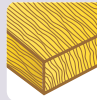
	BMP		
	D ₁ mm	L ₁ mm	€
BMP06	6,0	150	2,63
BMP08	8,0	150	2,80
BMP10	10,0	150	2,97
BMP12	12,0	150	3,18
BMP13	13,0	150	3,65
BMP14	14,0	150	3,41
BMP15	15,0	150	4,00
BMP16	16,0	150	3,75
BMP17	17,0	150	4,25
BMP18	18,0	150	3,98
BMP19	19,0	150	4,52
BMP20	20,0	150	4,30
BMP22	22,0	150	4,95
BMP24	24,0	150	5,34
BMP25	25,0	150	6,02
BMP26	26,0	150	6,25
BMP28	28,0	150	6,60
BMP30	30,0	150	7,11
BMP32	32,0	150	7,57
BMP34	34,0	150	9,16
BMP35	35,0	150	9,31
BMP36	36,0	150	8,84
BMP38	38,0	150	9,28
BMP40	40,0	150	9,48

BROCA DE NUEVA GENERACIÓN 4 PUNTAS PARA MADERA TIPO CASTOR CON MANGO HEXAGONAL 1/4"

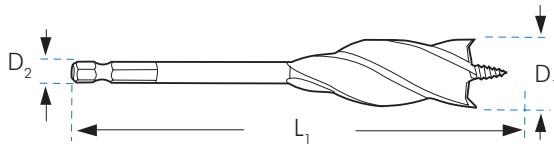
Ref. BM4P



HSS



Hasta Ø26 - Mango hexagonal 1/4"
Ø Superiores-Mango hexagonal 11 mm



BM4P					
	D1 mm		D2 mm	L1 mm	€
BM4P10	10,0	1/4"	6,35	165	18,28
BM4P11	11,0	1/4"	6,35	165	18,28
BM4P12	12,0	1/4"	6,35	165	20,32
BM4P13	13,0	1/4"	6,35	165	21,62
BM4P15	15,0	1/4"	6,35	165	21,62
BM4P16	16,0	1/4"	6,35	165	23,27
BM4P18	18,0	1/4"	6,35	165	24,20
BM4P19	19,0	1/4"	6,35	165	26,60
BM4P20	20,0	1/4"	6,35	165	29,92
BM4P21	21,0	1/4"	6,35	165	33,06
BM4P22	22,0	1/4"	6,35	165	33,06
BM4P24	24,0	1/4"	6,35	165	41,18
BM4P25	25,0	1/4"	6,35	165	41,73
BM4P26	26,0	1/4"	6,35	165	45,82
BM4P28	28,0	7/16"	11,11	165	47,83
BM4P30	30,0	7/16"	11,11	165	49,50
BM4P32	32,0	7/16"	11,11	165	50,60
BM4P35	35,0	7/16"	11,11	165	52,82
BM4P38	38,0	7/16"	11,11	165	57,44
BM4P40	40,0	7/16"	11,11	165	62,41

ALARGADORES PARA MANGOS DE 6,35 mm Hexagonal 1/4"

ALARGADORES PARA MANGOS DE 11 mm



		AM
	DESCRIPCIÓN	€
AMC60	Alargador m/hexagonal, Lt 150 mm	4,57
AMC60AR	Alargador m/hexagonal, acople rápido, Lt 150 mm	9,32
AMC300	Alargador m/hexagonal, Lt 300 mm	7,48
AMSDS60	Alargador m/SDS-PLUS, Lt 60 mm	12,70
AMSDS60AR	Alargador m/SDS-PLUS, acople rápido, Lt 60 mm	25,42
AMSDS300	Alargador m/SDS-PLUS, Lt 300 mm	19,79
AMSDS300AR	Alargador m/SDS-PLUS, acople rápido, Lt 300 mm	28,67

		AM
	DESCRIPCIÓN	€
AMC11	Alargador m/hexagonal Lt 300mm	35,08

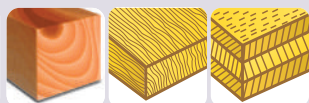
*Hasta fin de existencia

BROCAS PARA ENCAJE DE BISAGRAS DIENTES DE METAL DURO

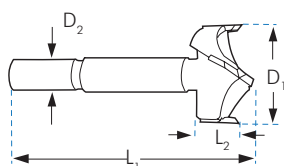
Ref. BB
Ref. BMF



MD



Hasta Ø 65 - Mango cilíndrico
Ø Superiores - Mango hexagonal



BB				
	D1 mm	D2 mm	L1 x L2 mm	€
*BB20B	20,0	8	90 x 15	33,07
*BB25B	25,0	8	90 x 15	38,96
*BB26B	26,0	8	90 x 15	39,70
*BB30B	30,0	8	90 x 15	43,57
*BB32B	32,0	10	90 x 15	50,24
*BB35B	35,0	10	90 x 15	49,76
*BB40B	40,0	10	90 x 15	55,45
BB50	50,0	10	90 x 15	65,25
BB55	55,0	10	90 x 15	87,70
BB60	60,0	12	90 x 15	95,38
BB65	65,0	12	90 x 15	107,13
BB70	70,0	12	90 x 15	118,81
BB75	75,0	12	90 x 15	127,30
BB80	80,0	12	90 x 15	142,36
BB85	85,0	12	90 x 15	155,19
BB90	90,0	12	90 x 15	180,50

* Herramienta en blister



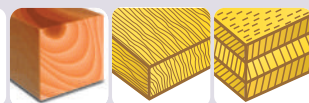
BMF				
	D1 mm	D2 mm	L1 mm	€
BMF16	16,0	13	140	42,28
BMF18	18,0	13	140	44,53
BMF20	20,0	13	140	50,75
BMF22	22,0	13	140	54,11
BMF24	24,0	13	140	59,47
BMF25	25,0	13	140	62,57
BMF26	26,0	13	140	63,28
BMF28	28,0	13	140	63,28
BMF30	30,0	13	140	59,16
BMF32	32,0	13	140	65,28
BMF35	35,0	13	140	65,28
BMF40	40,0	13	140	77,93
BMF42	42,0	13	140	70,87
BMF45	45,0	13	140	75,82
BMF50	50,0	13	140	84,27
BMF55	55,0	9	210	118,73
BMF60	60,0	9	210	129,58
BMF65	65,0	9	210	142,05
BMF70	70,0	9	210	152,91
BMF75	75,0	9	210	178,32
BMF80	80,0	9	210	190,21
BMF85	85,0	9	210	202,10
BMF90	90,0	9	210	248,82

BROCA "FORSTNER" DE CV PARA MADERA

Ref. BMF1



CV



BMF1

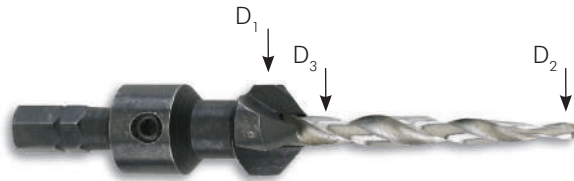
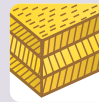
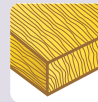
	D1 mm	D2 mm	L1 mm	€
BMF106	6,0	8,0	90	9,82
BMF108	8,0	8,0	90	9,82
BMF110	10,0	8,0	90	10,23
BMF111	11,0	8,0	90	10,65
BMF112	12,0	8,0	90	11,06
BMF113	13,0	8,0	90	11,31
BMF114	14,0	8,0	90	11,61
BMF115	15,0	8,0	90	11,61
BMF116	16,0	8,0	90	12,16
BMF118	18,0	8,0	90	14,76
BMF119	19,0	8,0	90	15,78
BMF120	20,0	8,0	90	13,75
BMF121	21,0	8,0	90	16,15
BMF122	22,0	8,0	90	15,50
BMF124	24,0	8,0	90	15,85
BMF125	25,0	8,0	90	16,28
BMF126	26,0	8,0	90	17,47
BMF127	27,0	8,0	90	17,82
BMF128	28,0	8,0	90	15,34
BMF130	30,0	8,0	90	15,34
BMF132	32,0	10,0	90	18,67
BMF134	34,0	10,0	90	19,73
BMF135	35,0	10,0	90	21,19
BMF136	36,0	10,0	90	21,89
BMF138	38,0	10,0	90	23,34
BMF140	40,0	10,0	90	23,70
BMF141	41,0	10,0	90	25,14
BMF143	43,0	10,0	90	26,20
BMF144	44,0	10,0	90	27,64
BMF145	45,0	10,0	90	27,47
BMF146	46,0	10,0	90	29,07
BMF148	48,0	10,0	90	30,86
BMF149	49,0	10,0	90	31,93
BMF150	50,0	10,0	90	30,33
BMF151	51,0	10,0	90	33,02
BMF152	52,0	10,0	90	34,46
BMF154	54,0	10,0	90	35,89
BMF157	57,0	12,5	159	51,69
BMF160	60,0	12,5	159	54,91
BMF163	63,0	12,5	159	58,88
BMF166	66,0	12,5	159	64,58
BMF170	70,0	12,5	159	72,14
BMF173	73,0	12,5	159	79,31
BMF176	76,0	12,5	159	86,49
BMF179	79,0	12,5	159	100,49
BMF183	83,0	12,5	159	113,41
BMF186	86,0	12,5	159	128,13
BMF189	89,0	12,5	159	117,47

BROCA PARA ENSAMBLAJE DE TORNILLOS EN MADERA CON MANGO HEXAGONAL

Ref. BM3



CV



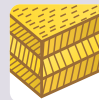
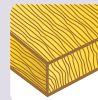
BM3				
	D1 mm	D2 mm	D3 mm	€
BM306	6,0	1,5	3,0	16,61
BM308	8,0	2,0	3,5	16,61
BM310	10,0	2,5	4,0	16,61
BM312	12,0	2,5	4,0	16,61

BROCA PARA LA INSTALACIÓN DE CERRADURAS Y BISAGRAS EN MADERA, MANGO HEXAGONAL

Ref. BM4



CV



BM4			
	D1 mm	D2 mm	€
BM406	6,0	2,0	12,79
BM408	8,0	2,7	12,79
BM410	10,0	3,5	12,79
BM412	12,0	4,5	12,79

BROCA CV PARA MADERA CON AVELLANADOR MANGO CILÍNDRICO Y MANGO HEXAGONAL

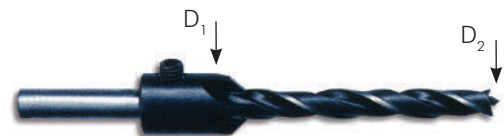
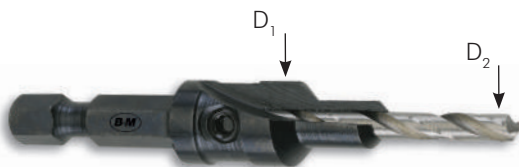
Ref. BM5



CV



Ref. BM6



BM5			
	D1 mm	D2 mm	€
BM506	6,0	2,3	23,53
BM508	8,0	2,7	23,53
BM510	10,0	3,1	23,53
BM512	12,0	3,5	23,53

BM6			
	D1 mm	D2 mm	€
BM603	16,0	3,0	12,51
BM604	16,0	4,0	13,33
BM605	16,0	5,0	13,93
BM606	16,0	6,0	15,41
BM607	16,0	7,0	15,71

BM6			
	D1 mm	D2 mm	€
BM608	16,0	8,0	17,11
BM609	16,0	9,0	18,80
BM610	16,0	10,0	19,90
BM611	20,0	11,0	28,60
BM612	20,0	12,0	31,61

BROCA EXTENSIBLE PARA MADERA CV

Ref. BME



CV



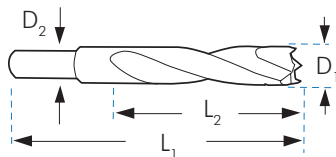
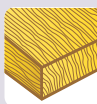
BME		
	CAPACIDAD	€
BME 15/45	15-45	42,17
BME 25/75	25-75	51,72

BROCA CON 3 PUNTAS DE METAL DURO PARA MADERA

Ref. BMMD



MD



BMMD				
	D1 mm	D2 mm	L1 x L2 mm	€
BMMD03	3,0	3,0	75 x 35	7,08
BMMD04	4,0	4,0	75 x 35	7,55
BMMD05	5,0	4,0	86 x 52	7,92
BMMD06	6,0	5,0	98 x 57	8,02
BMMD07	7,0	6,0	100 x 60	8,46
BMMD08	8,0	7,0	102 x 63	8,68
BMMD09	9,0	8,0	102 x 63	9,09
BMMD10	10,0	9,0	102 x 63	10,19
BMMD11	11,0	11,0	110 x 63	11,45
BMMD12	12,0	11,5	110 x 63	14,12
BMMD13	13,0	11,5	110 x 63	15,97
BMMD14	14,0	10,0	110 x 63	24,56
BMMD15	15,0	10,0	110 x 63	31,48
BMMD16	16,0	10,0	110 x 63	37,56
BMMD18	18,0	10,0	140 x 63	46,30
BMMD20	20,0	12,7	140 x 63	52,73
BMMD22	22,0	12,7	140 x 63	62,61
BMMD24	24,0	12,7	170 x 63	81,86
BMMD25	25,0	12,7	170 x 63	97,63
BMMD26	26,0	12,7	170 x 63	116,11
BMMD28	28,0	12,7	170 x 63	126,97
BMMD30	30,0	12,7	170 x 63	150,01

AVELLANADORES PARA MADERA



Ref. AV26

AV25			
	D1 mm	D2 mm	€
AV250312	3,0	12	8,10
AV250412	4,0	12	8,10
AV250512	5,0	12	8,10
AV250612	6,0	12	8,10
AV26			
AV260316	3,0	16	10,88
AV260416	4,0	16	10,88
AV260516	5,0	16	10,88
AV260616	6,0	16	10,88
AV260816	8,0	16	10,88

TOPE DE PROFUNDIDAD PARA BROCAS CON MANGO CILÍNDRICO



Ref. TOPE

TOPE		
	D1 mm	€
TOPE03	3,0	3,82
TOPE04	4,0	4,27
TOPE05	5,0	4,66
TOPE06	6,0	5,22
TOPE08	8,0	5,55
TOPE10	10,0	5,88
TOPE12	12,0	10,96

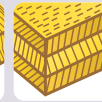
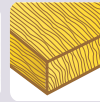
BROCAS PARA ENCOFRADOS DE MADERA DIN 7490 MANGO CILÍNDRICO CV

Ref. BE

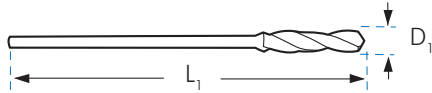


CV

DIN
7490



Mango roscado al cuerpo de la broca



Ref. BE06X400

Ref. BE06X600

Ref. BE06X800

Ref. BE06X1000

LONGITUD TOTAL 400 mm

BE			
	D1 mm	L1 mm	€
BE06X400	6,0	400	13,82
BE08X400	8,0	400	14,25
BE10X400	10,0	400	16,97
BE12X400	12,0	400	21,99
BE14X400	14,0	400	24,33
BE16X400	16,0	400	28,31
BE18X400	18,0	400	34,61
BE20X400	20,0	400	46,71
BE22X400	22,0	400	62,38
BE24X400	24,0	400	71,04
BE26X400	26,0	400	80,39
BE28X400	28,0	400	87,63
BE30X400	30,0	400	92,44

LONGITUD TOTAL 600 mm

BE			
	D1 mm	L1 mm	€
BE06X600	6,0	600	15,24
BE08X600	8,0	600	15,15
BE10X600	10,0	600	17,64
BE12X600	12,0	600	23,07
BE14X600	14,0	600	25,21
BE16X600	16,0	600	29,19
BE18X600	18,0	600	35,50
BE20X600	20,0	600	47,42
BE22X600	22,0	600	63,27
BE24X600	24,0	600	74,06
BE26X600	26,0	600	81,48
BE28X600	28,0	600	88,69
BE30X600	30,0	600	93,96

LONGITUD TOTAL 800 mm

BE			
	D1 mm	L1 mm	€
BE06X800	6,0	800	18,16
BE08X800	8,0	800	20,55
BE10X800	10,0	800	22,85
BE12X800	12,0	800	27,90
BE14X800	14,0	800	31,97
BE16X800	16,0	800	37,36
BE18X800	18,0	800	44,47
BE20X800	20,0	800	56,29
BE22X800	22,0	800	73,41
BE24X800	24,0	800	84,12
BE26X800	26,0	800	91,45
BE28X800	28,0	800	98,59
BE30X800	30,0	800	103,43

LONGITUD TOTAL 1000 mm

BE			
	D1 mm	L1 mm	€
BE06X1000	6,0	1000	20,57
BE08X1000	8,0	1000	21,43
BE10X1000	10,0	1000	24,15
BE12X1000	12,0	1000	29,12
BE14X1000	14,0	1000	33,23
BE16X1000	16,0	1000	47,32
BE18X1000	18,0	1000	47,32
BE20X1000	20,0	1000	59,11
BE22X1000	22,0	1000	76,44
BE24X1000	24,0	1000	87,34
BE26X1000	26,0	1000	94,28
BE28X1000	28,0	1000	98,70
BE30X1000	30,0	1000	106,47

BROCAS PARA ENCOFRADOS DE MADERA MANGO SDS PLUS

Ref. BESDS





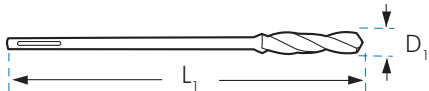
CV

DIN 7490





Mango roscado al cuerpo de la broca







Ref. BESDS06X400



Ref. BESDS06X600



Ref. BESDS06X800



Ref. BESDS06X1000

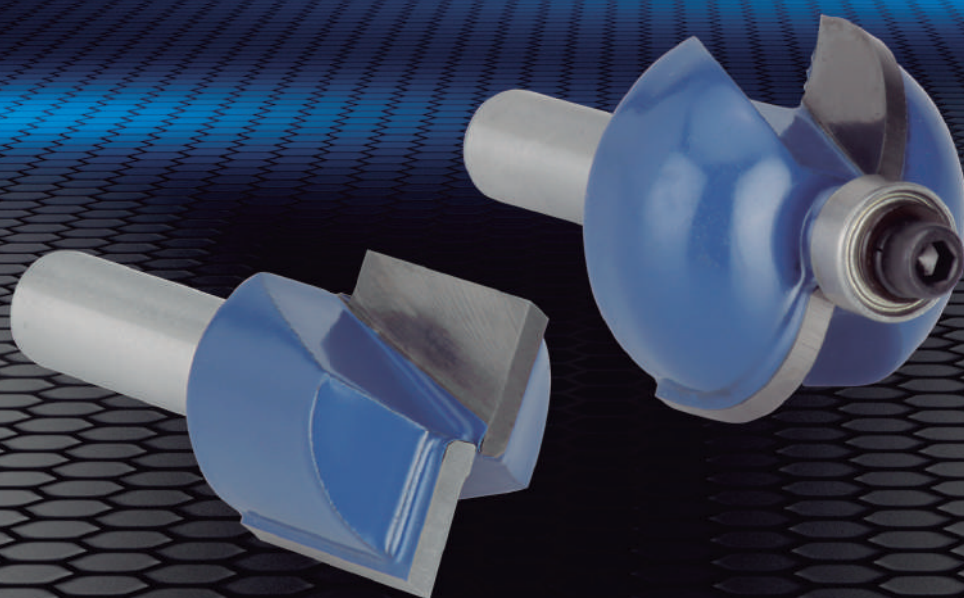
LONGITUD TOTAL 400 mm			
	BESDS		
	D1 mm	L1 mm	€
BESDS06X400	6,0	400	33,11
BESDS08X400	8,0	400	34,14
BESDS10X400	10,0	400	31,40
BESDS12X400	12,0	400	33,77
BESDS14X400	14,0	400	43,27
BESDS16X400	16,0	400	54,88
BESDS18X400	18,0	400	71,07
BESDS20X400	20,0	400	77,76
BESDS22X400	22,0	400	92,87
BESDS24X400	24,0	400	109,05
BESDS26X400	26,0	400	127,28
BESDS28X400	28,0	400	137,92
BESDS30X400	30,0	400	155,98

LONGITUD TOTAL 600 mm			
	BESDS		
	D1 mm	L1 mm	€
BESDS06X600	6,0	600	34,11
BESDS08X600	8,0	600	36,65
BESDS10X600	10,0	600	32,53
BESDS12X600	12,0	600	36,29
BESDS14X600	14,0	600	48,68
BESDS16X600	16,0	600	60,25
BESDS18X600	18,0	600	77,32
BESDS20X600	20,0	600	85,05
BESDS22X600	22,0	600	97,72
BESDS24X600	24,0	600	125,49
BESDS26X600	26,0	600	139,94
BESDS28X600	28,0	600	157,14
BESDS30X600	30,0	600	176,43

LONGITUD TOTAL 800 mm			
	BESDS		
	D1 mm	L1 mm	€
BESDS06X800	6,0	800	35,13
BESDS08X800	8,0	800	39,36
BESDS10X800	10,0	800	38,83
BESDS12X800	12,0	800	41,65
BESDS14X800	14,0	800	64,35
BESDS16X800	16,0	800	79,23
BESDS18X800	18,0	800	99,78
BESDS20X800	20,0	800	108,19
BESDS22X800	22,0	800	115,89
BESDS24X800	24,0	800	149,80
BESDS26X800	26,0	800	153,84
BESDS28X800	28,0	800	179,05
BESDS30X800	30,0	800	199,55

LONGITUD TOTAL 1000 mm			
	BESDS		
	D1 mm	L1 mm	€
BESDS06X1000	6,0	1000	36,19
BESDS08X1000	8,0	1000	42,24
BESDS10X1000	10,0	1000	42,67
BESDS12X1000	12,0	1000	43,15
BESDS14X1000	14,0	1000	74,91
BESDS16X1000	16,0	1000	90,87
BESDS18X1000	18,0	1000	112,85
BESDS20X1000	20,0	1000	121,81
BESDS22X1000	22,0	1000	123,22
BESDS24X1000	24,0	1000	172,35
BESDS26X1000	26,0	1000	169,14
BESDS28X1000	28,0	1000	204,01
BESDS30X1000	30,0	1000	225,71

FRESAS PARA MADERA



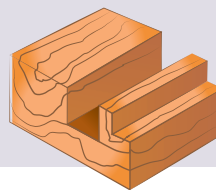
FRESA RECTA RANURADO Y COPIADO

Ref. FRC1

MD

1Z

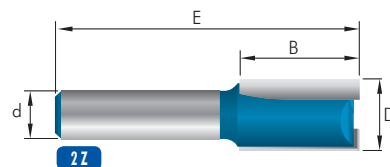
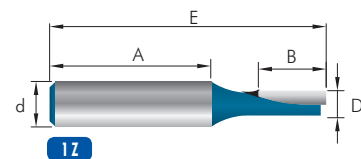
2Z



Ref. FRC10500



Ref.	Z	D	B	d	A	E	FRC1
							€
FRC10300	1Z	3,0	8,0	8,0	32,0	51,0	24,62
FRC10400	1Z	4,0	8,0	8,0	33,6	51,0	24,62
FRC10500	1Z	5,0	12,5	8,0	29,7	51,0	26,48
FRC10600	2Z	6,0	16,0	8,0	-	48,0	26,48
FRC10800	2Z	8,0	20,0	8,0	-	51,0	27,49
FRC11000	2Z	10,0	20,0	8,0	-	51,0	27,49
FRC11200	2Z	12,0	20,0	8,0	-	51,0	29,48



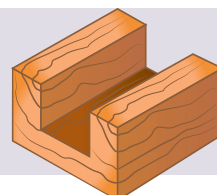
FRESA RECTA RANURADO Y COPIADO CORTE AL CENTRO

Ref. FRC2

MD

1Z

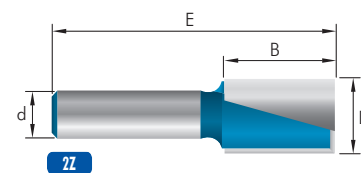
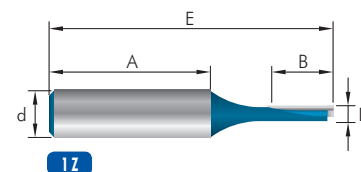
2Z



Ref. FRC21400



Ref.	Z	D	B	d	A	E	FRC2
							€
FRC20300	1Z	3,0	11,0	8,0	29,0	51,0	21,41
FRC20400	2Z	4,0	11,0	8,0	-	51,2	21,41
FRC20500	2Z	5,0	11,0	8,0	-	51,2	23,03
FRC20600	2Z	6,0	19,5	8,0	-	51,0	23,03
FRC20800	2Z	8,0	20,0	8,0	-	51,0	23,03
FRC21000	2Z	10,0	20,0	8,0	-	51,0	23,90
FRC21200	2Z	12,0	20,0	8,0	-	51,0	25,64
FRC21400	2Z	14,0	20,0	8,0	-	51,0	27,53
FRC21600	2Z	16,0	20,0	8,0	-	51,0	29,64
FRC21800	2Z	18,0	20,0	8,0	-	51,0	30,76
FRC22000	2Z	20,0	20,0	8,0	-	51,0	33,40
FRC22200	2Z	22,0	25,0	8,0	-	56,0	34,70
FRC22400	2Z	24,0	10,0	8,0	-	42,5	35,62

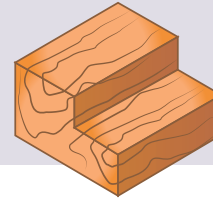


FRESA RECTA FRONTAL REBAJADO CON COPIADOR

Ref. FRC3

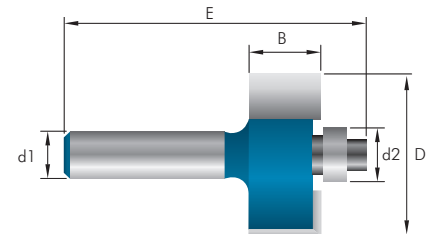
MD

2 Z



Ref. FRC32860

FRC3						
Ref.	D	B	d1	d2	E	€
FRC32860	28,6	12,7	8,0	9,5	53,4	41,47

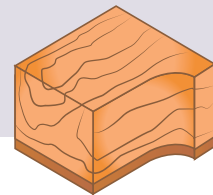


FRESA RECTA REBAJE LATERAL CON COPIADOR

Ref. FRC4

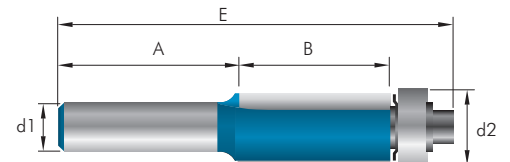
MD

2 Z



Ref. FRC41270

FRC4						
Ref.	d2	B	d1	A	E	€
FRC41270	12,7	25,4	8,0	30,0	67,0	32,53

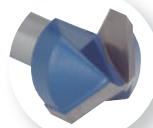
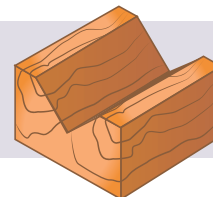


FRESA PARA RANURAR EN V A 90°

Ref. FRC5

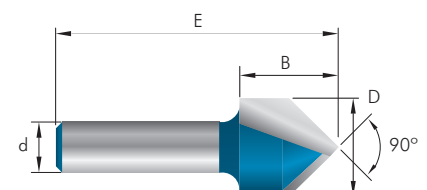
MD

90°



Ref. FRC51900

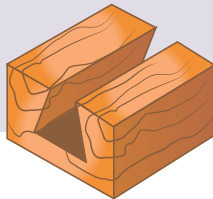
FRC5					
Ref.	D	B	d	E	€
FRC51270	12,7	12,7	8,0	45,5	26,77
FRC51600	16,0	15,9	8,0	45,7	30,22
FRC51900	19,0	16,0	8,0	51,5	35,72



FRESA COLA DE MILANO CON PRECORTADOR

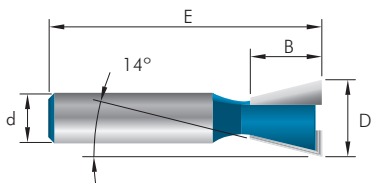
Ref. FRC6

MD



Ref. FRC61270

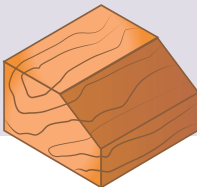
FRC6					
Ref.	D	B	d	E	€
FRC61270	12,7	11,8	8,0	45	40,27



FRESA BISELADO 45° CON COPIADOR

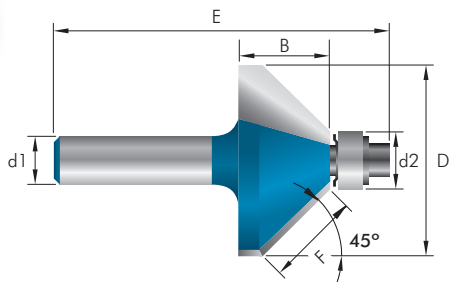
Ref. FRC7

MD



Ref. FRC73200

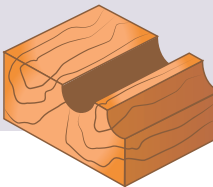
FRC7							
Ref.	D	B	d1	d2	E	F	€
FRC73200	32,0	15,0	8,0	9,5	56	15,7	37,75



FRESA RADIO CÓNCAVO

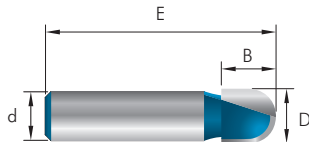
Ref. FRC8

MD



Ref. FRC81270

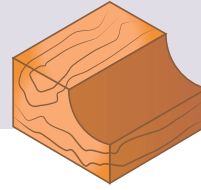
FRC8					
Ref.	D	B	d	E	€
FRC80950	9,5	9,5	8,0	40	33,14
FRC81270	12,7	12,7	8,0	40	35,38



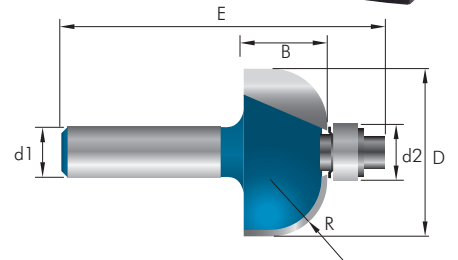
FRESA RADIO CÓNCAVO CON COPIADOR

MD

Ref. FRC9



Ref. FRC92850

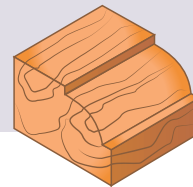


FRC9							
Ref.	D	B	d1	d2	E	R	€
FRC92850	28,5	14,1	8,0	9,5	50,0	9,5	50,90
FRC93500	35,0	16,0	8,0	9,5	59,0	12,7	60,38

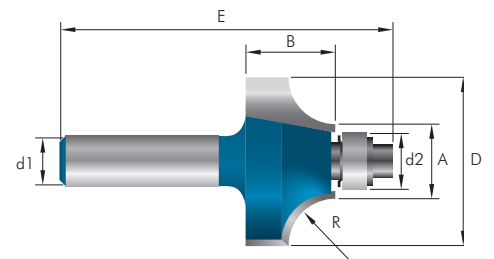
FRESA REDONDEADO DE CANTOS CON COPIADOR

MD

Ref. FRC10



Ref. FRC102860

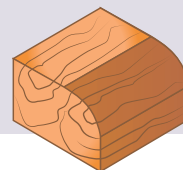


FRC10								
Ref.	D	B	d1	A	E	d2	R	€
FRC102540	25,4	13,5	8,0	12,7	54,0	9,5	6,35	55,64
FRC102860	28,6	15,2	8,0	12,7	57,0	9,5	7,95	58,68
FRC103180	31,8	16,5	8,0	12,7	56,0	9,5	9,55	63,16
FRC103810	38,1	19,0	8,0	12,7	59,0	9,5	12,7	73,49

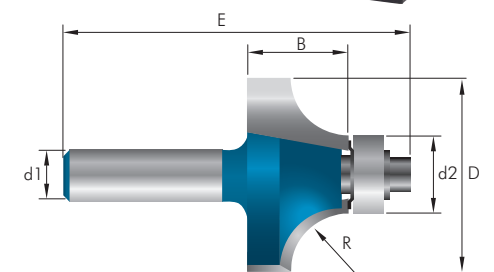
FRESA REDONDEADO DE CANTOS CON COPIADOR

MD

Ref. FRC11



Ref. FRC112860



FRC11							
Ref.	D	B	d1	d2	E	R	€
FRC112500	25,0	13,5	8,0	12,7	55,0	6,35	55,64
FRC112860	28,6	15,2	8,0	12,7	57,0	7,95	58,68
FRC113180	31,8	16,5	8,0	12,7	57,0	9,55	63,16
FRC113810	38,1	16,5	8,0	12,7	59,0	12,7	73,49

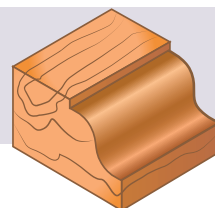
FRESA PERFILADO CONTINUO CON COPIADOR

MD

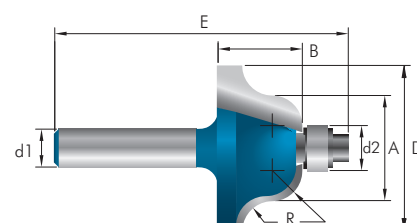
Ref. FRC12



Ref. FRC123500



FRC12							
Ref.	D	B	d1	A	E	d2	R
FRC123500	35,0	17,8	8,0	22,2	62,0	9,5	6,35
							€ 79,08



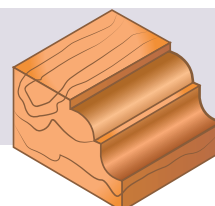
FRESA PERFILADO DISCONTINUO CON COPIADOR

MD

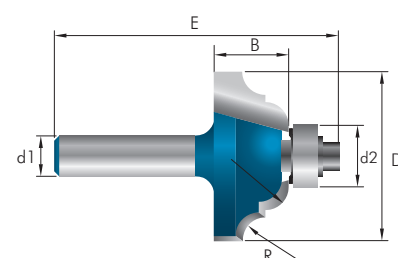
Ref. FRC13



Ref. FRC133500



FRC13						
Ref.	D	B	d1	d2	E	R
FRC133500	35,0	15,4	8,0	12,7	59,0	6,35
						€ 52,85



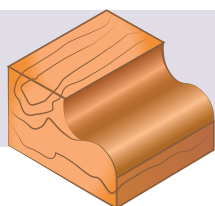
FRESA PERFILADO CONTINUO CON COPIADOR

MD

Ref. FRC14



Ref. FRC143180



FRC14						
Ref.	D	B	d1	d2	E	R
FRC143180	31,8	12,6	8,0	12,7	55,0	4,8
FRC143810	38,1	15,8	8,0	12,7	58,0	6,3
						€ 61,82 / 70,64

