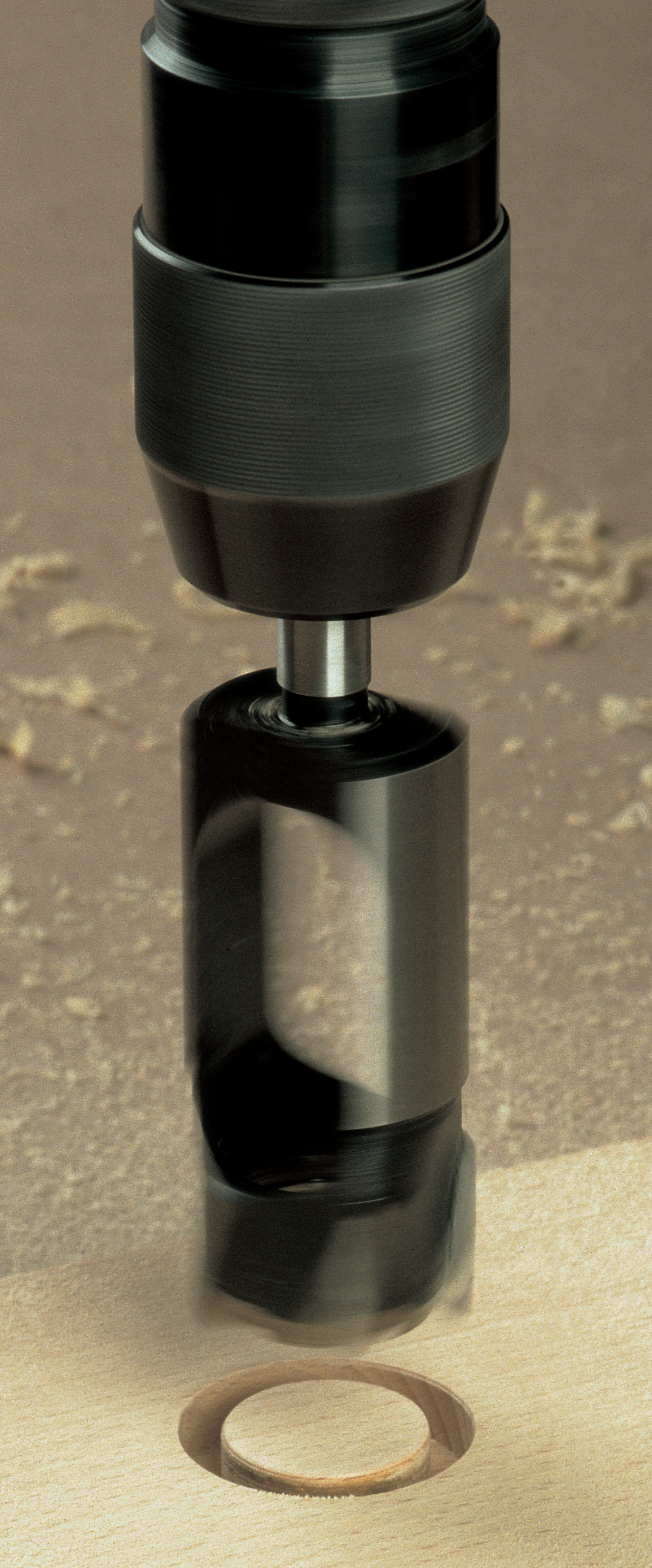




Bits for hand power tools

Products	Page
Adaptors	236-237
Interchangeable boring bits	237
Boring bits	238~241
Chisel and bit sets	241
Plug cutters & sets	242-243
Forstner bits	244
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Adaptors



509-532-533

RH LH

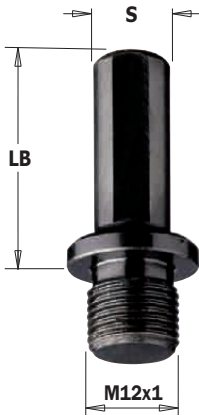
...with parallel shank for interchangeable bits

S mm	LB mm			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8x30	35			532.080.01	
9,5x30	35			532.095.01	
10x50	60			533.100.01	533.100.02
12x30	35			532.120.01	
13x50	100			509.130.01	509.130.02
16x50	100			509.160.01	509.160.02

TECHNICAL DETAILS:
- Super strength steel
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines with adaptor chucks.

Adaptors



511

RH LH

...with parallel shank for quick change drills

S mm	LB mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
10x20 (with driving flat and screw)	27	511.270.01	511.270.02
10x35 (with driving flat and screw)	40	511.400.01	511.400.02

For use with the following parts: 501 HW

TECHNICAL DETAILS:
- Super strength steel
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines with adaptor chucks.

Adaptors



506

RH LH

...with threaded shank for interchangeable bits

S mm	LB mm			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
M10/11x4	15			506.150.01	506.150.02
M10/11x4	25			506.250.01	506.250.02
M10/11x4	35			506.350.01	506.350.02

For use with the following parts: 501 HW

TECHNICAL DETAILS:
- Super strength steel
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines with adaptor chucks.

Adaptors



503

...with threaded shank for interchangeable bits

RH LH

S mm	LB mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
M10/30°	25		503.250.01	503.250.02
M10/30°	35		503.350.01	503.350.02
M10/30°	45		503.450.01	503.450.02

For use with the following parts: 501 HW

TECHNICAL DETAILS:

- Super strength steel
- Parallel shank with driving flat and adjustable screw length

APPLICATION: used on boring machines with adaptor chucks.

Adaptors



534

...with tapered shank for interchangeable bits

RH

S		ORDER NO. Right-hand rotation	
MK2/Ø20x14Fx1"		534.020.01	
MK2/M30x1,5		534.030.01	

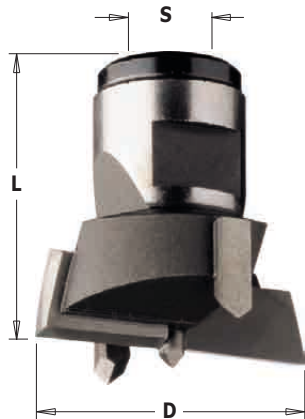
For use with the following parts: 501 HW

TECHNICAL DETAILS:

- Super strength steel

APPLICATION: used on CNC machines or hand-held routers equipped with adaptor chucks.

Interchangeable boring bits with threaded shank

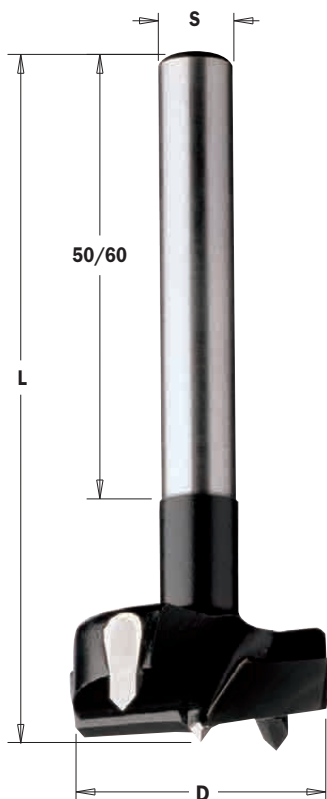


501

HW Z2+2 RH LH

D mm	L mm	S mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
20	30	M12x1		501.200.11	501.200.12
22	30	M12x1		501.220.11	501.220.12
24	30	M12x1		501.240.11	501.240.12
25	30	M12x1		501.250.11	501.250.12
26	30	M12x1		501.260.11	501.260.12
30	30	M12x1		501.300.11	501.300.12
32	30	M12x1		501.320.11	501.320.12
34	30	M12x1		501.340.11	501.340.12
35	30	M12x1		501.350.11	501.350.12
36	30	M12x1		501.360.11	501.360.12
38	30	M12x1		501.380.11	501.380.12
40	30	M12x1		501.400.11	501.400.12
45	30	M12x1		501.450.11	501.450.12
50	30	M12x1		501.500.11	501.500.12
55	30	M12x1		501.550.11	501.550.12
60	30	M12x1		501.600.11	501.600.12

Boring bits with parallel shank

HW **Z2** **V2** **RH****512**

D mm	L mm	S mm	ORDER NO. Right-hand rotation
14	90	10x60	512.140.11
15	90	10x60	512.150.11
16	90	10x60	512.160.11
17	90	10x60	512.170.11
18	90	10x60	512.180.11
19	90	10x60	512.190.11
20	90	10x60	512.200.11
21	90	10x60	512.210.11
22	90	10x60	512.220.11
23	90	10x60	512.230.11
24	90	10x60	512.240.11
25	90	10x60	512.250.11
26	90	10x60	512.260.11
27	90	10x60	512.270.11
28	90	10x60	512.280.11
29	90	10x60	512.290.11
30	90	10x60	512.300.11
31	90	10x60	512.310.11
32	90	10x60	512.320.11
33	90	10x60	512.330.11
34	90	10x60	512.340.11
35	90	10x60	512.350.11
38	90	10x60	512.380.11
40	90	10x60	512.400.11
45	90	10x50	512.450.11
48	90	10x50	512.480.11
50	90	10x50	512.500.11
55	90	10x50	512.550.11
58	90	10x50	512.580.11
60	90	10x50	512.600.11

TECHNICAL DETAILS:

- Super strength steel
- HW precision balanced centre point
- 2 HW precision ground cutting edges [Z2]
- 2 HW negatively ground spurs [V2]
- Parallel shank

APPLICATION: used for drilling blind holes in solid wood, wood composites and plastic laminate materials.
Ideal for hinges.

5 piece boring bit set for hinges

HW **Z2** **V2** **RH****512**

The perfect set for hinge work and other related applications.
Machined from special high speed steel with micrograin carbide tips, these bits are available in diametres of 15, 20, 25, 30 and 35mm.
Safely packaged in a solid plastic box with glass front for easy storage and inventory.

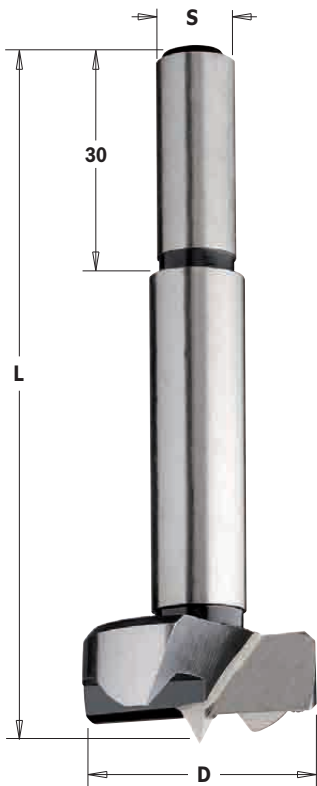
TECHNICAL DETAILS:

- Super strength steel
- HW precision balanced centre point
- 2 HW precision ground cutting edges [Z2]
- 2 HW negatively ground spurs [V2]
- Parallel shank

APPLICATION: used for drilling blind holes in solid wood, wood composites and plastic laminated materials.
Ideal for hinges.

DESCRIPTION	S mm	L mm	BIT DIAMETER mm	ORDER NO. Right-hand rotation
5 piece boring bit set for hinges	10	90	15-20-25-30-35	512.001.01

Boring bits with parallel shank



512

SP Z2 V2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation
8	90	10x30	512.081.31
10	90	10x30	512.101.31
12	90	10x30	512.121.31
14	90	10x30	512.141.31
15	90	10x30	512.151.31
16	90	10x30	512.161.31
18	90	10x30	512.181.31
20	90	10x30	512.201.31
22	90	10x30	512.221.31
24	90	10x30	512.241.31
25	90	10x30	512.251.31
26	90	10x30	512.261.31
28	90	10x30	512.281.31
30	90	10x30	512.301.31
32	90	10x30	512.321.31
34	90	10x30	512.341.31
35	90	10x30	512.351.31
38	90	10x30	512.381.31
40	90	10x30	512.401.31
45	90	10x30	512.451.31
50	90	10x30	512.501.31

- TECHNICAL DETAILS:
- SP steel
 - Precision balanced centre point
 - 2 spurs [V2]
 - 2 precision ground cutting edges [Z2]
 - Long-lasting cutting performance
 - Parallel shank

APPLICATION: used for drilling blind holes in softwood. Ideal for hinges.

5 piece boring bit set for hinges



512

SP Z2 V2 RH

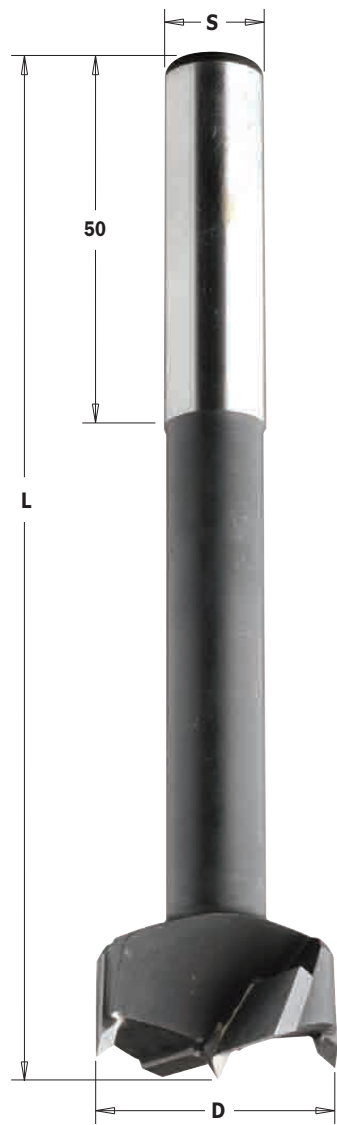
The perfect set for hinge work and other related applications. Machined from special high speed steel, these bits are available in diametres of 15, 20, 25, 30 and 35mm. Precisely ground, sharpened with round shanks and safely packaged in a solid plastic box with glass front for easy storage and inventory.

- TECHNICAL DETAILS:
- SP steel
 - Precision balanced centre point
 - 2 spurs [V2]
 - 2 precision ground cutting edges [Z2]
 - Long-lasting cutting performance

APPLICATION: used for drilling blind holes in softwood. Ideal for hinges.

DESCRIPTION	S mm	L mm	BIT DIAMETER mm	ORDER NO. Right-hand rotation
5 piece boring bit set for hinges	10	90	15-20-25-30-35	512.001.00

Boring bits with parallel shank



513

HW Z2 V2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation	
15	120	13	513.150.11	
16	120	13	513.160.11	
18	120	13	513.180.11	
20	120	13	513.200.11	
22	125	13	513.220.11	
25	125	13	513.250.11	
26	125	13	513.260.11	
28	130	13	513.280.11	
30	130	13	513.300.11	
35	130	13	513.350.11	
40	130	13	513.400.11	
45	130	13	513.450.11	
50	130	13	513.500.11	
55	140	13	513.550.11	
60	140	13	513.600.11	

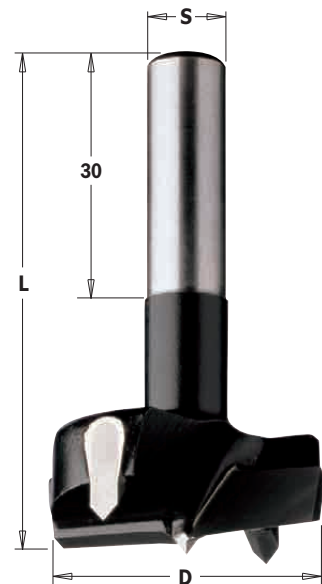
514

D mm	L mm	S mm	ORDER NO. Right-hand rotation	
15	120	16	514.150.11	
16	120	16	514.160.11	
18	120	16	514.180.11	
20	120	16	514.200.11	
22	125	16	514.220.11	
25	125	16	514.250.11	
26	125	16	514.260.11	
28	130	16	514.280.11	
30	130	16	514.300.11	
32	130	16	514.320.11	
35	130	16	514.350.11	
40	130	16	514.400.11	
45	130	16	514.450.11	
50	130	16	514.500.11	
55	140	16	514.550.11	
60	140	16	514.600.11	

- TECHNICAL DETAILS:
- Super strength steel
 - HW precision balanced centre point
 - 2 HW precision ground cutting edges [Z2]
 - 2 HW negatively ground spurs [V2]
 - Parallel shank

APPLICATION: used for drilling blind holes in solid wood, wood composites and plastic laminated materials. Ideal for hinges.

Boring bits with parallel shank



392

HW Z2 V2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation
15	60	8	392.150.11
20	60	8	392.200.11
25	60	8	392.250.11
26	60	8	392.260.11
30	60	8	392.300.11
35	60	8	392.350.11
35	60	12,7	392.351.11
40	60	8	392.400.11

- TECHNICAL DETAILS:
- Super strength steel
 - HW precision balanced centre point
 - 2 HW precision ground cutting edges [Z2]
 - 2 HW negatively ground spurs [V2]
 - Parallel shank
 - Right-hand rotation (RH)

APPLICATION: for use on drilling machines and hand-held routers in solid wood, wood composites and plastic laminated materials. Ideal for hinges and blind holes.

Mortise chisel & bit sets



543

HS Z1 RH

D		S		ORDER NO.
mm	inches	mm	inches	Right-hand rotation
6,35	1/4	19	3/4	543.064.51
8	5/16	19	3/4	543.079.51
9,5	3/8	19	3/4	543.095.51
12,7	1/2	19	3/4	543.127.51
15,8	5/8	19	3/4	543.158.51
19	3/4	19	3/4	543.190.51

It's tough to beat the "old faithful" mortise and tenon joint for strength and accuracy, even with all the other joining options in the world of woodworking. It isn't the easiest joint to make, but for sure it helps have the best quality tools in your shop. That's why we've added a new selection of chisel and bit sets in all the popular sizes 6,35mm (1/4") to 19mm (3/4") diameter.

These sets are for use on any standard drill press mortising attachment of mortising machines.

Plug cutters



529

SP RH

d mm	D mm	L mm	S mm	Z	ORDER NO. Right-hand rotation
8	18	140	13	4	529.080.31
10	20	140	13	4	529.100.31
12	24	140	13	4	529.120.31
14	26	140	13	4	529.140.31
15	27	140	13	4	529.150.31
16	28	140	13	4	529.160.31
18	30	140	13	4	529.180.31
20	32	140	13	4	529.200.31
22	34	140	13	5	529.220.31
25	37	140	13	5	529.250.31
30	42	140	13	5	529.300.31
32	44	160	16	5	529.320.31
35	47	160	16	6	529.350.31
40	52	160	16	6	529.400.31
45	57	160	16	6	529.450.31
50	62	160	16	6	529.500.31

d inches	D inches	L inches	S inches	Z	ORDER NO. Right-hand rotation
3/8	49/64	5-1/2	1/2	4	529.095.31
1/2	61/64	5-1/2	1/2	4	529.127.31
5/8	1-7/64	5-1/2	1/2	4	529.158.31
3/4	1-7/32	5-1/2	1/2	4	529.191.31
7/8	1-11/32	5-1/2	1/2	4	529.222.31
1	1-15/32	5-1/2	1/2	5	529.254.31
1-1/4	1-19/32	6-5/16	1/2	5	529.317.31
1-3/8	1-27/32	6-5/16	5/8	6	529.349.31
1-1/2	1-31/32	6-5/16	5/8	6	529.381.31
1-5/8	2-3/32	6-5/16	5/8	6	529.413.31
1-3/4	2-7/32	6-5/16	5/8	6	529.445.31
2	2-15/32	6-5/16	5/8	6	529.508.31

Use our reduction bushing D=16mm to increase the 13mm shank (order no.799.130.00 page 253)

TECHNICAL DETAILS:
- SP steel
- Long lasting cutter performance

APPLICATION: used to make plugs in hard and soft woods.

Plug cutters



530

HS Z4 RH

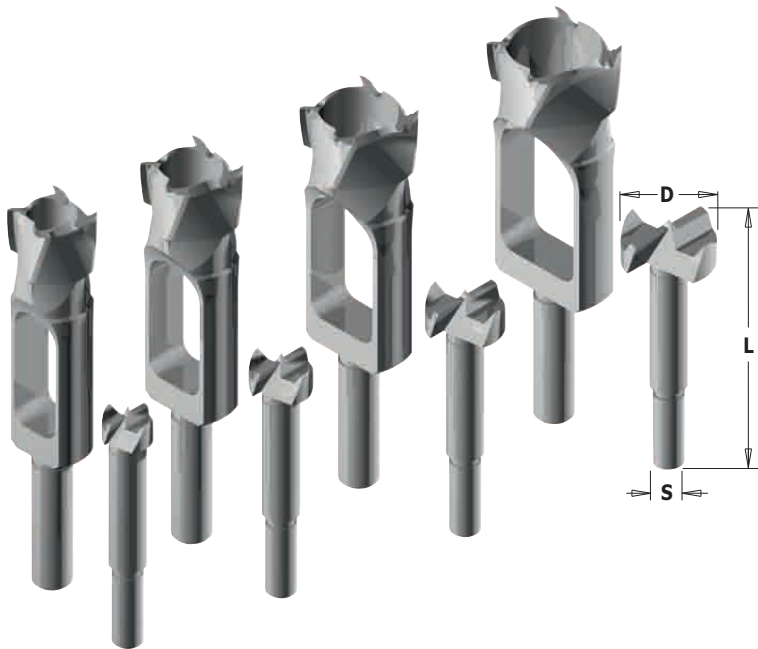
D mm	S	ORDER NO. Right-hand rotation
6,2	Ø21x14F1"	530.062.51
8	Ø21x14F1"	530.080.51
8,2	Ø21x14F1"	530.082.51
10	Ø21x14F1"	530.100.51
10,2	Ø21x14F1"	530.102.51
12	Ø21x14F1"	530.120.51
12,2	Ø21x14F1"	530.122.51

TECHNICAL DETAILS:
- Super strength HS steel
- 4 precision ground cutting edges [Z4]
- Long lasting cutter performance

APPLICATION: used for cutting dowels.

REMARK: available on request.

Boring bit and plug cutter sets



500.001/02/03

SP RH

We offer a wide range of boring bits and plug cutters in the most popular diameters. If you need to bore or to make plugs in softwood these sets are with you need!



500.001.08 Boring bit & plug cutter set

Set contains	D mm	L mm	S mm	ORDER NO. Right-hand rotation
Boring bit with parallel shank	8	90	10	512.081.31
Boring bit with parallel shank	10	90	10	512.101.31
Boring bit with parallel shank	12	90	10	512.121.31
Boring bit with parallel shank	15	90	10	512.151.31
Plug cutter	8	140	13	529.080.31
Plug cutter	10	140	13	529.100.31
Plug cutter	12	140	13	529.120.31
Plug cutter	15	140	13	529.150.31

500.002.08 Boring bit & plug cutter set

Set contains	D mm	L mm	S mm	ORDER NO. Right-hand rotation
Boring bit with parallel shank	16	90	10	512.161.31
Boring bit with parallel shank	20	90	10	512.201.31
Boring bit with parallel shank	25	90	10	512.251.31
Boring bit with parallel shank	30	90	10	512.301.31
Plug cutter	16	140	13	529.160.31
Plug cutter	20	140	13	529.200.31
Plug cutter	25	140	13	529.250.31
Plug cutter	30	140	13	529.300.31

500.003.08 Boring bit & plug cutter set

Set contains	D mm	L mm	S mm	ORDER NO. Right-hand rotation
Boring bit with parallel shank	15	90	10	512.151.31
Boring bit with parallel shank	20	90	10	512.201.31
Boring bit with parallel shank	25	90	10	512.251.31
Boring bit with parallel shank	30	90	10	512.301.31
Plug cutter	15	140	13	529.150.31
Plug cutter	20	140	13	529.200.31
Plug cutter	25	140	13	529.250.31
Plug cutter	30	140	13	529.300.31

Forstner bits



537



D	L	S	ORDER NO.
mm	mm	mm	Right-hand rotation
10	90	8	537.100.31
12	90	8	537.120.31
14	90	8	537.140.31
15	90	8	537.150.31
16	90	8	537.160.31
18	90	8	537.180.31
20	90	8	537.200.31
22	90	8	537.220.31
24	90	8	537.240.31
25	90	8	537.250.31
26	90	8	537.260.31
28	90	8	537.280.31
30	90	8	537.300.31
32	90	10	537.320.31
35	90	10	537.350.31
38	90	10	537.380.31
40	90	10	537.400.31
45	90	10	537.450.31
50	90	10	537.500.31
55	90	10	537.550.31
68	159	12,5	537.680.31

D	L	S	ORDER NO.
inches	inches	inches	Right-hand rotation
1/4	3-35/64	3/8	537.064.31
3/8	3-35/64	3/8	537.095.31
1/2	3-35/64	3/8	537.127.31
5/8	3-35/64	3/8	537.158.31
3/4	3-35/64	3/8	537.190.31
7/8	3-35/64	3/8	537.222.31
1	3-35/64	3/8	537.254.31
1-1/8	3-35/64	3/8	537.285.31
1-1/4	3-35/64	3/8	537.317.31
1-3/8	3-35/64	3/8	537.349.31
1-1/2	3-35/64	3/8	537.381.31
1-5/8	3-35/64	3/8	537.413.31
1-3/4	3-35/64	3/8	537.445.31
1-7/8	3-35/64	3/8	537.476.31
2	3-35/64	3/8	537.508.31
2-1/8	3-35/64	3/8	537.540.31

- TECHNICAL DETAILS:
- Super strength SP steel
 - Precision balanced centre point
 - 2 spurs [V2]
 - 2 precision ground cutting edges [Z2]
 - Long-lasting cutting performance

APPLICATION: used to drill precise flat bottom holes with no chipping in any softwood thickness.

Forstner bit sets

We offer a wide range of Forstner bits in the most popular diametres. These bits are available separately or in beautiful wooden sets. The high performance stagger tooth design on the bits with larger diametres allows for sharp holes with straight sides and flat bottoms. Bits available for drill presses, electric and cordless drills and suitable to work on any type of softwood.



537.000.05



537.000.07
537.000.12
537.000.16

DESCRIPTION	SHANK	BIT DIAMETER	ORDER NO.
			Right-hand rotation
5 pcs. router bit set	Ø8-10mm	Ø15-20-25-30-35mm	537.000.05
12 pcs. router bit set	Ø8-10mm	Ø10-12-14-15-16-18-20-22-25-26-30-35mm	537.000.12
7 pcs. router bit set	Ø3/8"	Ø1/4" - 3/8" - 1/2" - 5/8" - 3/4" - 7/8" - 1"	537.000.07
16 pcs. router bit set	Ø3/8"	Ø1/4" - 3/8" - 1/2" - 5/8" - 3/4" - 7/8" - 1" - 1-1/8" - 1-1/4" - 1-3/8" - 1-1/2" - 1-5/8" - 1-3/4" - 1-7/8" - 2" - 2-1/8"	537.000.16

Rosette cutters

new

CMT ORANGE TOOLS®



531

HW Z2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation	
54	73,5	9,5	531.541	
54	71,3	9,5	531.542	
54	67,3	9,5	531.543	
54	72,3	9,5	531.544	
69,85	76,5	9,5	531.701	
69,85	74	9,5	531.702	

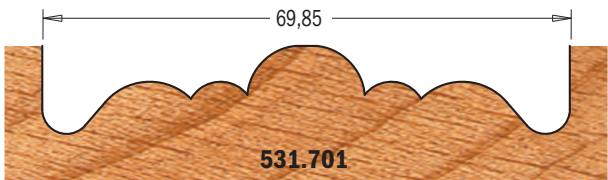
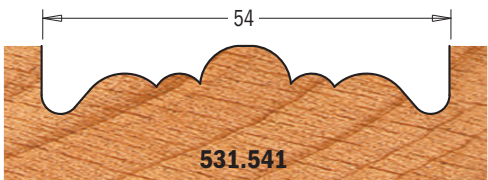
- TECHNICAL DETAILS:
- Super strength HS steel
 - 2 HW precision ground cutting edges [Z2]
 - Parallel exagonal shank
 - Right-hand rotation (RH)

APPLICATION: for use on standing drilling machines and drilling power tools at low RPM.

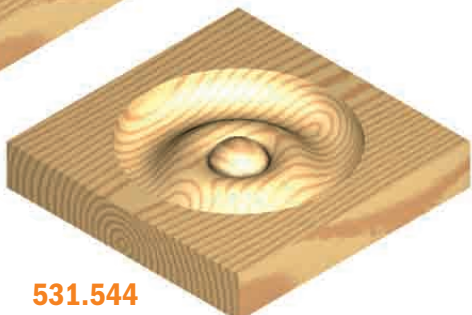
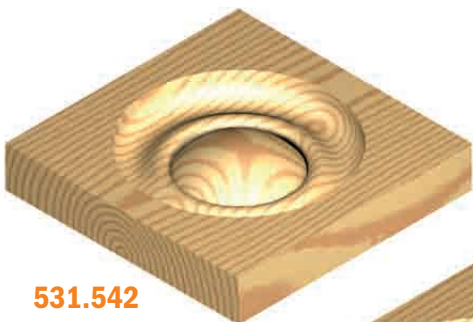
WARNING: Max 1800 RPM.



Top of hexagonal shank



Drawings are 1:1 scale



Saw blades

Tools with bore
& Knives

Router Bits
& Sets

CNC Router Cutter
& Chucks

Industrial
Dowel Drills

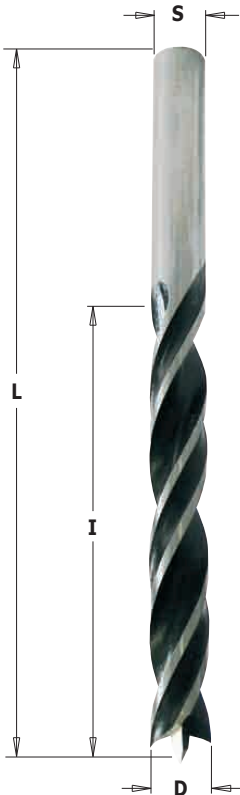
Bits for Hand
Power Tools

Spare Parts

Power Tools
& Accessories

Display Cabinets

Brad point bits



517

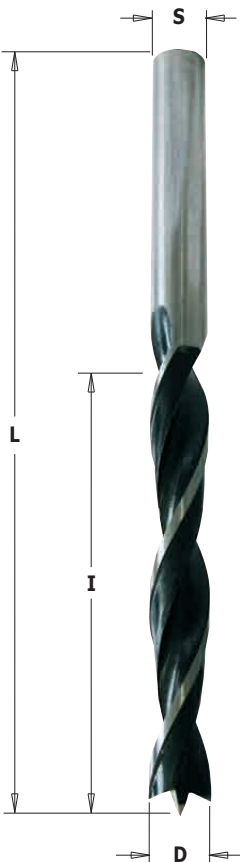
HS Z2 RH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	33	61	3	517.030.51	
4	43	75	4	517.040.51	
5	52	86	5	517.050.51	
6	53	92	6	517.060.51	
7	69	109	7	517.070.51	
8	75	117	8	517.080.51	
9	80	123	9	517.090.51	
10	84	133	10	517.100.51	
11	89	142	10	517.110.51	
12	93	151	10	517.120.51	
13	93	151	10	517.130.51	
14	93	151	10	517.140.51	
15	93	151	10	517.150.51	
16	93	151	10	517.160.51	

TECHNICAL DETAILS:
- Super strength HS steel
- Precision balanced center point
- 2 precision ground cutting edges [Z2]
- 4 flutes

APPLICATION: used for drilling holes in soft and hardwood.
Long-lasting cutting performance.

Brad point bits



517

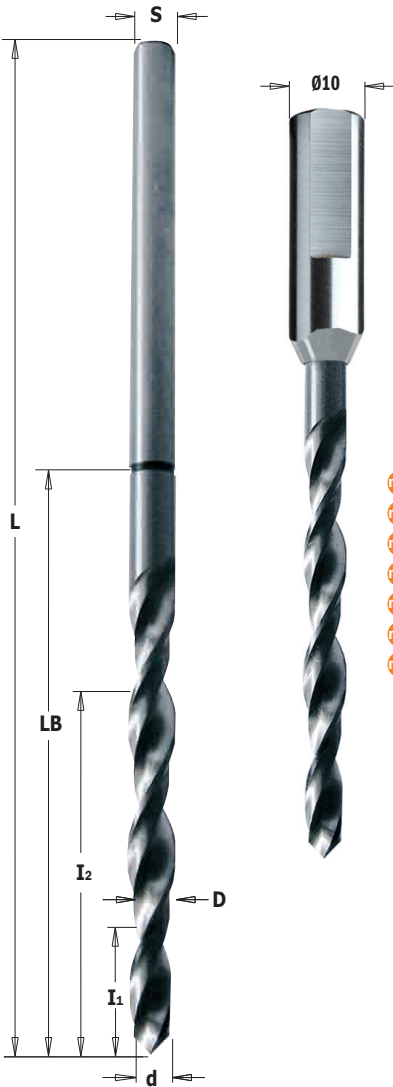
SP Z2 RH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	33	61	3	517.030.31	
4	43	75	4	517.040.31	
5	52	86	5	517.050.31	
6	57	94	6	517.060.31	
7	69	109	7	517.070.31	
8	75	117	8	517.080.31	
9	80	125	9	517.090.31	
10	87	133	10	517.100.31	
11	89	142	10	517.110.31	
12	96	151	10	517.120.31	
13	96	151	10	517.130.31	
14	97	151	10	517.140.31	
15	100	160	10	517.150.31	
16	100	160	10	517.160.31	
18	120	180	10	517.180.31	
20	130	200	10	517.200.31	

TECHNICAL DETAILS:
- Super strength SP steel
- Precision balanced center point
- 2 precision ground cutting edges [Z2]
- 2 flutes

APPLICATION: used for drilling holes in softwood.

Drill bits for "ANUBA" hinges



515

HS Z2 RH

ANUBA no.	d mm	D-S mm	I ₁ mm	I ₂ mm	LB mm	L mm	ORDER NO. Right-hand rotation
9,5	3,8	5,2	18	56	74	132	515.095.51
11	4,8	5,7	17	60	76	145	515.110.51
13	5,8	6,7	18	68	83	155	515.130.51
14,5	6,3	7,2	19	75	89	165	515.145.51
16	6,7	7,7	25	85	100	165	515.160.51
18	7,7	8,7	25	85	102	165	515.180.51
20	8,8	9,8	25	90	104	165	515.200.51

Parallel shank with driving flat

ANUBA no.	d mm	D mm	I ₁ mm	LB mm	S mm	L mm	ORDER NO. Right-hand rotation
new 9	3,8	5	20	40	10x35	75	515.091.51
new 11	4,2	5,7	20	45	10x35	80	515.111.51
new 13	5,2	6,5	15	50	10x35	85	515.131.51
new 14	5,5	7	15	55	10x35	90	515.141.51
new 16	6	7,7	15	60	10x35	95	515.161.51
new 18	6,6	8,2	20	70	10x35	105	515.181.51
new 20	7,2	8,7	20	80	10x35	115	515.201.51

- TECHNICAL DETAILS:
- Super strength steel
 - HS steel
 - 2 HS precision ground cutting edges [Z2]
 - 2 spiral flutes

APPLICATION: used for drilling blind holes in soft and hardwood.



Brad point bit sets



517

HS SP Z2 RH

5 piece brad point bit set

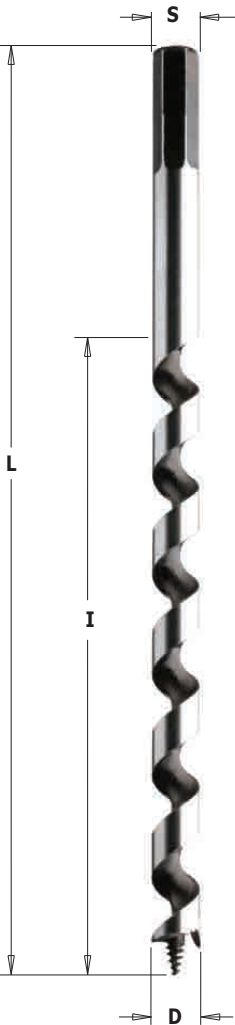
An economical collection of the five most popular sized brad points - 4, 5, 6, 8 and 10mm. Safely packaged in a reusable plastic case for easy storage and inventory.

8 piece brad point bit set

A complete collection of the most popular brad points in the most requested sizes - 3, 4, 5, 6, 7, 8, 9 and 10mm. Safely packaged in a reusable plastic case for easy storage and inventory.

DESCRIPTION	Z	BIT DIAMETER	ORDER NO. Right-hand rotation
5 pcs. HS brad point set	4 flutes	(Ø4-5-6-8-10mm)	517.001.01
5 pcs. SP brad point set	2 flutes	(Ø4-5-6-8-10mm)	517.001.00
8 pcs. HS brad point set	4 flutes	(Ø3-4-5-6-7-8-9-10mm)	517.002.01
8 pcs. SP brad point set	2 flutes	(Ø3-4-5-6-7-8-9-10mm)	517.002.00

Brad point bits



542

HS Z1 V1 RH

D mm	I mm	L mm	S	ORDER NO. Right-hand rotation	
6	155	230	exagonal	542.060.51	
8	155	230	exagonal	542.080.51	
10	155	230	exagonal	542.100.51	
12	155	230	exagonal	542.120.51	
14	155	230	exagonal	542.140.51	
16	155	230	exagonal	542.160.51	
18	155	230	exagonal	542.180.51	
20	155	230	exagonal	542.200.51	

535

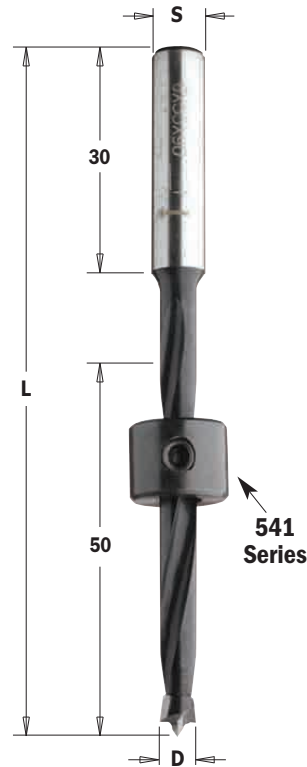
HS Z1 V1 RH

D mm	I mm	L mm	S	ORDER NO. Right-hand rotation	
8	360	460	exagonal	535.080.51	
10	360	460	exagonal	535.100.51	
12	360	460	exagonal	535.120.51	
14	360	460	exagonal	535.140.51	
16	360	460	exagonal	535.160.51	
18	360	460	exagonal	535.180.51	
20	360	460	exagonal	535.200.51	

- TECHNICAL DETAILS:
- Super strength HS steel
 - Precision balanced centre point
 - 1 precision ground cutting edge (Z1)
 - 1 spiral flute
 - 1 spur (V1)
 - Long-lasting cutting performance

APPLICATION: used for drilling deep holes in soft and hardwood.

Brad point bits



540

HW Z2 V2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation	
5	90	8x30	540.050.11	
6	90	8x30	540.060.11	
8	90	8x30	540.080.11	
10	90	8x30	540.100.11	
12	90	8x30	540.120.11	

- TECHNICAL DETAILS:
- Super strength steel - HW head with precision balanced centre point
 - 2 precision ground cutting edges [Z2]
 - 2 negatively ground spurs [V2] - 2 spiral flutes

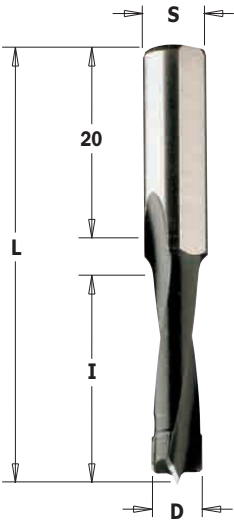
APPLICATION: for use on hand-held router to drill blind holes in solid wood, wood composites or plastic laminates.

541 Stop collars

D mm	ORDER NO.	
5	541.050.00	
6	541.060.00	
8	541.080.00	
10	541.100.00	
12	541.120.00	

Stop collars with precision clamping nut and key for quick and easy assembly.

Dowel drills for Mafell® and hand-held routers



312

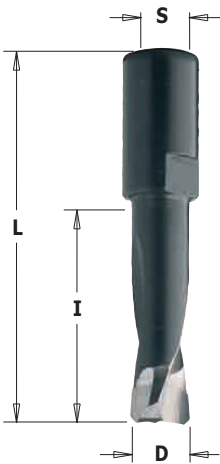


D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
5	30	58	8	312.050.11	
6	30	58	8	312.060.11	
8	30	58	8	312.080.11	
10	30	58	8	312.100.11	
12	30	58	8	312.120.11	
14	30	58	8	312.140.11	
16	30	58	8	312.160.11	

These drill bits are made with high-strength steel in order to work with high speed rotation. They are perfect to bore all materials like solid wood, wood and composites, plastic and laminated with **hand-held routers and MAFELL® machine model DD40.**

- TECHNICAL DETAILS:**
- Super strength steel
 - Spiral portion coated with black P.T.F.E.
 - HW precision balanced centre point
 - 2 HW precision ground cutting edges [Z2]
 - 2 spiral flutes
 - Parallel shank with driving flat and length adjusting screw.

Router bits for Domino® Joining machines by Festool®



380



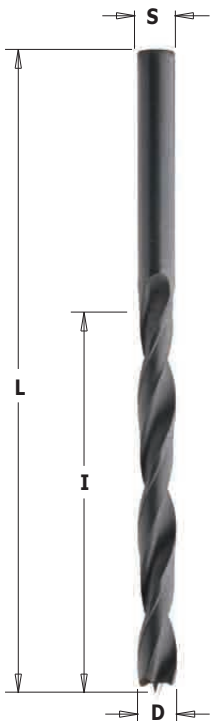
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
new 4	11	38	M6x0,75	380.040.11	
5	20	49	M6x0,75	380.050.11	
6	28	49	M6x0,75	380.060.11	
8	28	49	M6x0,75	380.080.11	
10	28	49	M6x0,75	380.100.11	

- TECHNICAL DETAILS:**
- Premium quality super-strength steel
 - Spiral portion coating with black P.T.F.E.
 - Extra-fine micrograin carbide spiral portion
 - 2 cutting edges [Z2]
 - 2 spiral flutes

APPLICATION: for use on “Domino®” machines to rout slots on solid wood and wood composites.



Brad point bits



516

HS

Z2

RH

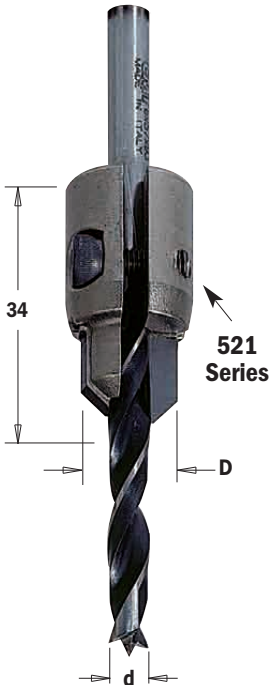
LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
2	24	49	2	516.020.51	516.020.52
2,5	30	57	2,5	516.025.51	516.025.52
3	33	61	3	516.030.51	516.030.52
3,5	39	70	3,5	516.035.51	516.035.52
4	43	75	4	516.040.51	516.040.52
4,5	47	80	4,5	516.045.51	516.045.52
5	52	86	5	516.050.51	516.050.52
5,5	57	93	5,5	516.055.51	516.055.52
6	57	93	6	516.060.51	516.060.52
7	69	109	7	516.070.51	516.070.52
8	75	117	8	516.080.51	516.080.52
9	81	125	9	516.090.51	516.090.52
10	87	133	10	516.100.51	516.100.52

- TECHNICAL DETAILS:
- Super strength steel
 - Precision balanced centre point
 - 2 precision ground cutting edges [Z2]
 - 2 spiral flutes
 - Common shank and cutting diameter (S=D)

APPLICATION: used for drilling holes in soft and hardwood.

Adjustable countersink



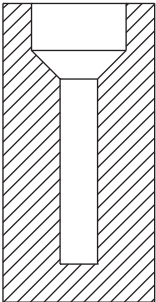
521.001

HW

Z2

RH

d mm	D mm	ORDER NO. Right-hand rotation
from 3 to 7	from 11 to 15	521.001.11



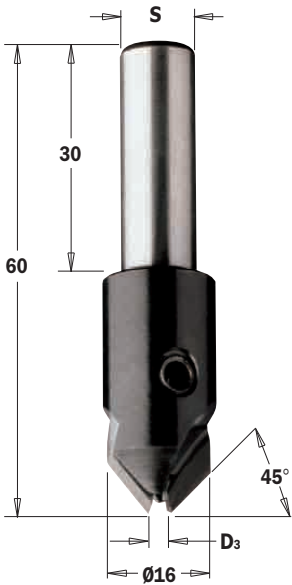
Twist drills	Overall diameter
Ø3	Ø11
Ø4	Ø12
Ø5	Ø13
Ø6	Ø14
Ø7	Ø15

- TECHNICAL DETAILS:
- Premium quality HW
 - 2 HW precision ground cutting edges [Z2]
 - Quick and easy drill change

APPLICATION: for use with spiral bits featuring parallel shank.

Twist drills not included.

Countersinks with parallel shank



521

HW Z2 RH LH

D ₃ mm	S mm			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	10x30			521.030.11	521.030.12
4	10x30			521.040.11	521.040.12
5	10x30			521.050.11	521.050.12
6	10x30			521.060.11	521.060.12

- TECHNICAL DETAILS:
- Super strength steel
 - 2 HW precision ground cutting edges [Z2]
 - Quick and easy drill change

APPLICATION: for use with spiral bits featuring parallel shank.

Countersinks with threaded shank



350

HW Z2 RH LH

D ₃ mm	S mm			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	M10/Ø11x4			350.030.11	350.030.12
4	M10/Ø11x4			350.040.11	350.040.12
5	M10/Ø11x4			350.050.11	350.050.12

- TECHNICAL DETAILS:
- Super strength steel
 - 2 HW precision ground cutting edges [Z2]
 - Quick and easy drill change

APPLICATION: for use with spiral bits featuring parallel shank.

Countersinks with threaded shank



351

HW Z2 RH LH

D ₃ mm	S mm			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	M10/30°			351.030.11	351.030.12
4	M10/30°			351.040.11	351.040.12
5	M10/30°			351.050.11	351.050.12

- TECHNICAL DETAILS:
- Super strength steel
 - 2 HW precision ground cutting edges [Z2]
 - Quick and easy drill change

APPLICATION: for use with spiral bits featuring parallel shank.