

Slot mortising bits with chip-breaker



102

HL Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	50	105	16	102.060.31	102.060.32
7	55	110	16	102.070.31	102.070.32
8	60	115	16	102.080.31	102.080.32
9	65	120	16	102.090.31	102.090.32
10	70	125	16	102.100.31	102.100.32
11	75	130	16	102.110.31	102.110.32
12	80	135	16	102.120.31	102.120.32
13	85	140	16	102.130.31	102.130.32
14	90	145	16	102.140.31	102.140.32
15	95	150	16	102.150.31	102.150.32
16	100	155	16	102.160.31	102.160.32
17	105	160	16	102.170.31	102.170.32
18	110	165	16	102.180.31	102.180.32
19	115	170	16	102.190.31	102.190.32
20	120	175	16	102.200.31	102.200.32
22	125	180	16	102.220.31	102.220.32
24	125	180	16	102.240.31	102.240.32

172

HL Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	50	105	13	172.060.31	172.060.32
7	55	110	13	172.070.31	172.070.32
8	60	115	13	172.080.31	172.080.32
9	65	120	13	172.090.31	172.090.32
10	70	125	13	172.100.31	172.100.32
11	75	130	13	172.110.31	172.110.32
12	80	135	13	172.120.31	172.120.32
13	85	140	13	172.130.31	172.130.32
14	90	145	13	172.140.31	172.140.32
15	95	150	13	172.150.31	172.150.32
16	100	155	13	172.160.31	172.160.32
18	110	165	13	172.180.31	172.180.32
20	120	175	13	172.200.31	172.200.32

TECHNICAL DETAILS:

- Long-lasting cutting performance
- 2 HL precision ground straight cutting edges with chip-breaker teeth [Z2]

APPLICATION: for cutting mortise slots in soft and hardwood.
Used on machining centres equipped with chucks.

6 piece mortising bit sets



102-172

HL Z2 RH LH

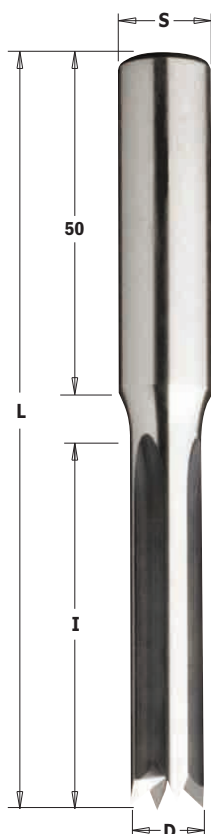
Ideal for heavy mortise jobs.

Made of super strength high speed steel and available in left-hand or right-hand rotation.

Safely packaged in a hardwood and glass box for protection, these sets are economical and a perfect addition to any workshop.

DESCRIPTION	S mm	D mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6 pcs. mortising bit sets (straight)	16	6-8-10-12-14-16	102.001.00	102.001.10
6 pcs. mortising bit sets (straight)	13	6-8-10-12-14-16	172.001.00	172.001.10

Reciprocating slot mortising bits


104
HL **Z4** **RH** **LH**

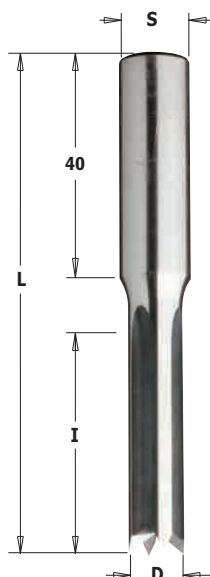
D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation
6	45	100	13	104.060.30
7	45	100	13	104.070.30
8	45	100	13	104.080.30
9	45	100	13	104.090.30
10	55	110	13	104.100.30
11	55	110	13	104.110.30
12	55	110	13	104.120.30
13	55	110	13	104.130.30
14	55	110	13	104.140.30
15	55	110	13	104.150.30
16	55	110	13	104.160.30

TECHNICAL DETAILS:

- Long-lasting cutting performance
- 4 HL precision ground cutting edges [Z4]

APPLICATION: used for cutting mortise slots in soft and hardwood.
Used on machining centres equipped with chucks.

Reciprocating slot mortising bits


105
HL **Z4** **RH** **LH**

D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation
6	28	73	10	105.060.30
7	28	73	10	105.070.30
8	28	73	10	105.080.30
9	28	73	10	105.090.30
10	28	73	10	105.100.30
11	28	73	10	105.110.30
12	28	73	10	105.120.30
13	28	73	10	105.130.30
14	28	73	10	105.140.30
15	28	73	10	105.150.30
16	28	73	10	105.160.30

TECHNICAL DETAILS:

- Long-lasting cutting performance
- 4 HL precision ground cutting edges [Z4]

APPLICATION: used for cutting mortise slots in soft and hardwood.
Used on machining centres equipped with chucks.

Slot and mortise boring bits


163
HW Z2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation
12	100	M12x1	163.120.11
14	100	M12x1	163.140.11
16	100	M12x1	163.160.11

TECHNICAL DETAILS:

- Super strength steel
- 2 HW precision ground cutting edges [Z2]

APPLICATION: used for cutting mortises and slots in solid wood and wood composites. Assembled in chucks.

163
HL Z2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation
12	100	M12x1	163.120.31
14	100	M12x1	163.140.31
16	100	M12x1	163.160.31
18	100	M12x1	163.180.31

TECHNICAL DETAILS:

- Long lasting cutter performance
- 2 HL precision ground cutting edges [Z2]

APPLICATION: used for cutting mortises and slots in solid wood and wood composites. Assembled in chucks.

Slot and mortise boring bits


164
HW Z2 V2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation
18	100	M12x1	164.180.11
20	100	M12x1	164.200.11
22	100	M12x1	164.220.11

TECHNICAL DETAILS:

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

APPLICATION: used for drilling blind holes in solid wood, wood composites, plastic and laminated materials. Used on slot and mortise machines equipped with chucks.

164
HL Z2 V2 RH

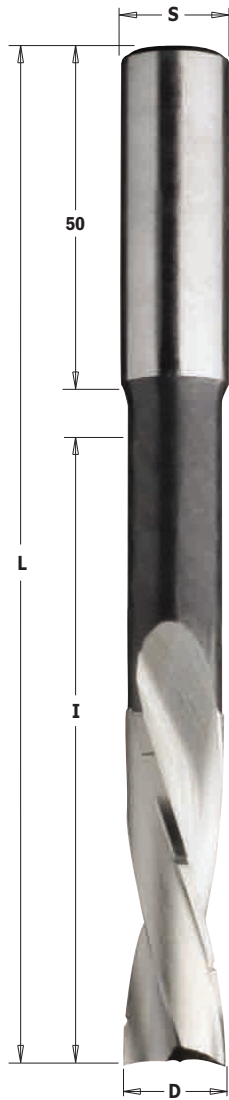
D mm	L mm	S mm	ORDER NO. Right-hand rotation
15	100	M12x1	164.150.31
18	100	M12x1	164.180.31
20	100	M12x1	164.200.31
24	100	M12x1	164.240.31

TECHNICAL DETAILS:

- Long lasting cutter performance
- HL cutting head with precision balanced centre point
- 2 precision ground edges [Z2]
- 2 ground spurs [V2]

APPLICATION: used for drilling blind holes in soft and hardwood. Used on slot and mortise machines equipped with chucks.

Twisted slot mortising bits with chip-breaker



161

SP Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	60	120	16	161.060.31	161.060.32
8	70	130	16	161.080.31	161.080.32
10	80	140	16	161.100.31	161.100.32
12	90	150	16	161.120.31	161.120.32
14	100	160	16	161.140.31	161.140.32
16	110	170	16	161.160.31	161.160.32

160

SP Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	60	120	13	160.060.31	160.060.32
8	70	130	13	160.080.31	160.080.32
10	80	140	13	160.100.31	160.100.32
12	90	150	13	160.120.31	160.120.32
14	100	160	13	160.140.31	160.140.32
16	110	170	13	160.160.31	160.160.32

TECHNICAL DETAILS:

- Long-lasting cutting performance
- 2 SP precision ground twisted cutting edges with chip-breaker teeth [Z2]

APPLICATION: for cutting mortise slots in soft and hardwood.
Used on machining centres equipped with chucks.

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

205

6 piece mortising bit sets



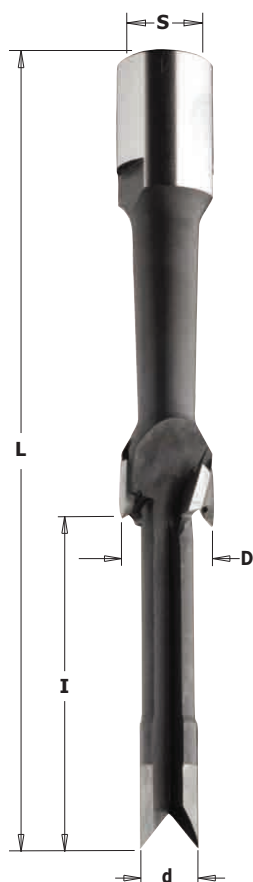
160-161

SP Z2 RH LH

Ideal for heavy mortise jobs.
Made of super strength high speed steel and available in left-hand or right-hand rotation.
Safely packaged in a hardwood and glass box for protection, these sets are economical and a perfect addition to any workshop.

DESCRIPTION	S mm	D mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6 pcs. mortising bit set (twist)	16	6-8-10-12-14-16	161.001.00	161.001.10
6 pcs. mortising bit set (twist)	13	6-8-10-12-14-16	160.001.00	160.001.10

Slot and mortise boring bits



166-167

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

d mm	D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation
11	19	62	155	M12x1	166.190.11
11	22	62	155	M12x1	166.220.11
12	19	62	155	M12x1	167.190.11
12	24	62	155	M12x1	167.240.11

TECHNICAL DETAILS:

- Super strength steel
- 2+2 HW precision ground cutting edges [Z2]
- 2 negatively ground spurs [V2]

APPLICATION: used for drilling and cutting mortise slots in solid wood, wood composites, plastic and laminated materials.

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

203

Lockset bits



169

HL **Z3** **RH**

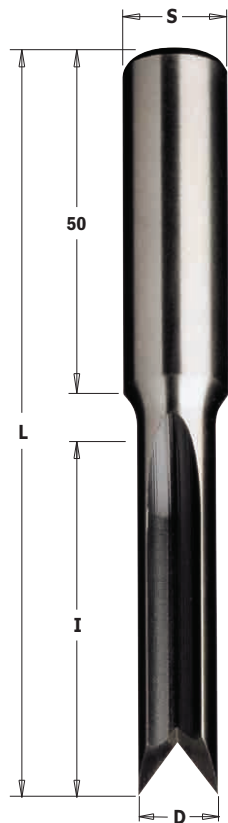
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation
15	22	90	M12x1	169.150.31
18	22	90	M12x1	169.180.31
20	22	90	M12x1	169.200.31

TECHNICAL DETAILS:

- Long-lasting cutting performance
- 3 HL precision ground cutting edges [Z3]

APPLICATION: used for cutting mortise slots in soft and hardwood. Used on slot and mortise machines equipped with chucks.

Reciprocating slot mortising bits



103

HL Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation
6	45	100	16	103.060.30
7	45	100	16	103.070.30
8	45	100	16	103.080.30
9	45	100	16	103.090.30
10	55	110	16	103.100.30
11	55	110	16	103.110.30
12	55	110	16	103.120.30
13	55	110	16	103.130.30
14	55	110	16	103.140.30
15	55	110	16	103.150.30
16	55	110	16	103.160.30

TECHNICAL DETAILS:

- Long-lasting cutter performance
- 2 HL precision ground cutting edges [Z2]

APPLICATION: used for cutting mortise slots in soft and hardwood. Used on machining centres equipped with chucks.

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

207

Reciprocating slot mortising bits



179

HS Z2 RH LH

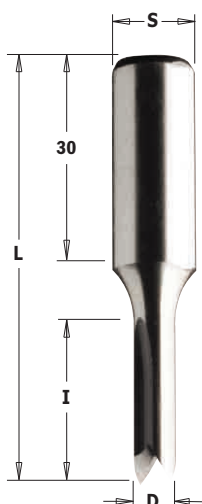
D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation
6	45	90	13	179.060.50
7	50	95	13	179.070.50
8	50	95	13	179.080.50
9	55	100	13	179.090.50
10	60	105	13	179.100.50
11	65	110	13	179.110.50
12	70	115	13	179.120.50
13	75	120	13	179.130.50

TECHNICAL DETAILS:

- Long-lasting cutter performance
- 2 HS precision ground cutting edges [Z2]

APPLICATION: used for cutting mortise slots in soft and hardwood. Used on machining centres equipped with chucks.

Reciprocating slot mortising bits

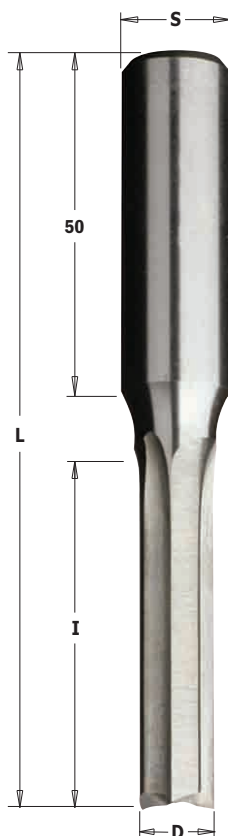

106
HL Z2 Z4 RH LH

D mm	I mm	L mm	S mm	Z	ORDER NO. Right-hand & Left-hand rotation
6	25	60	12	2	106.060.30
7	25	60	12	2	106.070.30
8	25	60	12	2	106.080.30
9	25	60	12	2	106.090.30
10	25	60	12	4	106.100.30
11	25	60	12	4	106.110.30
12	25	60	12	4	106.120.30
13	25	60	12	4	106.130.30
14	25	60	12	4	106.140.30
15	25	60	12	4	106.150.30

TECHNICAL DETAILS:

- Long-lasting cutter performance
- 2 or 4 HL precision ground cutting edges [Z2-Z4]

Slot mortising bits


107
HL Z3 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	55	110	16	107.060.31	107.060.32
8	55	110	16	107.080.31	107.080.32
10	55	110	16	107.100.31	107.100.32
12	55	110	16	107.120.31	107.120.32
14	60	115	16	107.140.31	107.140.32
16	60	115	16	107.160.31	107.160.32
18	60	115	16	107.180.31	107.180.32
20	60	115	16	107.200.31	107.200.32

TECHNICAL DETAILS:

- Long-lasting cutter performance
- 3 HL precision ground cutting edges [Z3]

APPLICATION: used for cutting mortise slots in soft and hardwood.
Used in machining centres equipped with chucks.