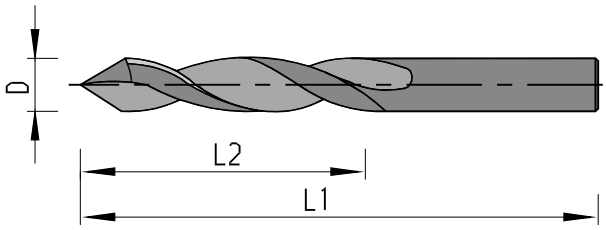
Boring Bits Page

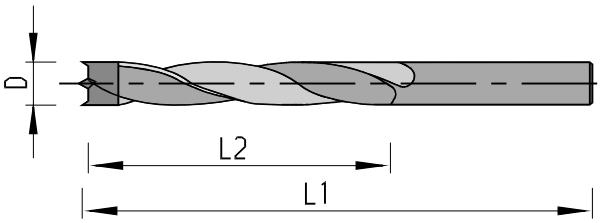


For drilling in solid woods and panel materials

- drilling of through holes and dowel holes
- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 v-point cutting edges
- solid carbide design for high feed rates and large resharpenable area
- cutting Ø = shank Ø
- clamping element: draw-in collet chuck adapter Art.-No. 333.389

130.010

Ø D mm	L1 mm	L2 mm		Ident.-No.
2	38	12	L	177169
2	38	12	R	177170
2,5	42	20	L	168643
2,5	42	20	R	168644
3	42	20	L	168645
3	42	20	R	168646
4	42	20	L	168647
4	42	20	R	168648
3,5	52	20	L	177171
3,5	52	20	R	177172
5	58	26	L	177173
5	58	26	R	177174

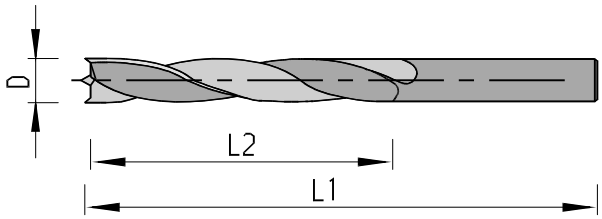


For drilling of dowel holes in solid woods and panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- spiral with back-guide to protect the edge of the hole upon exiting
- plastic coated for optimum chip evacuation
- cutting Ø = shank Ø
- clamping element: draw-in collet chuck
  drill chuck

130.010

Ø D mm	L1 mm	L2 mm	Ident.-No. L	R
5	70	35	173145 o	167929
6	70	35	173146 o	167930 o
7	70	35		167931 o
8	70	35	173148 o	167932
10	70	35	173150 o	167934
11	70	35		167935 o
12	70	35		167936 o
4	80	55		160503
4,5	85	60		160504
5	90	60		160505
5,5	100	65		164243 o
6	100	65		160506
6,5	110	70		164244 o
7	110	70		160507
8	120	75		160508
8,5	130	80		164245 o
9	130	80		160509
10	140	90		160510
11	150	95		160511 o
12	155	100		160512

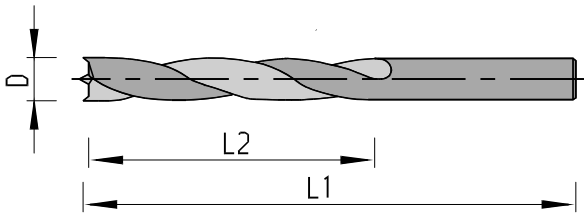


For drilling of through and dowel holes in solid woods

- application on stationary boring machines and automatic boring machines
- cutting material: HS
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- spiral with back-guide to protect the edge of the hole upon exiting
- cutting Ø = shank Ø
- clamping element: draw-in collet chuck
  drill chuck

330.010

Ø D mm	L2 mm	L1 mm	Ident.-No.
5	60	90	160513
5,5	65	100	164287 o
6	65	100	160514 o
7	70	110	164289 o
8	75	120	160515 o
9	80	130	164291 o
10	90	140	160516
11	95	150	164292 o
12	100	155	160517



For drilling of through and dowel holes in solid woods

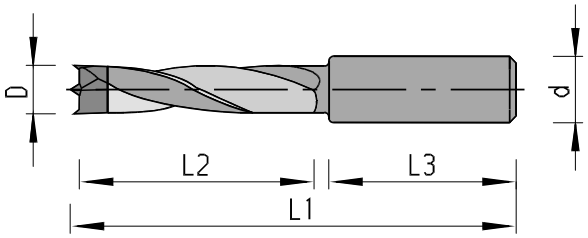
- application on stationary boring machines and automatic boring machines
- cutting material: HS

- special coating for long edge lives

- 2 spurs for chip-free hole edges and centering point for safe drilling
- cutting Ø = shank Ø
- clamping element: draw-in collet chuck
  drill chuck

330.010

Ø D mm	L2 mm	L1 mm	Ident.-No. L	R
2	22	49	167671	167669
2,5	25	57	167672	167670
3	30	61	160530	160518
3,5	35	70	160531 o	160519 o
4	40	75	160532	160520
4,5	45	80	160533 o	160521
5	45	83	160534	160522
5,5	50	90	160535 o	160523 o
6	50	90	160536 o	160524
6,5	55	98	177175 o	160525 o
7	60	105	177176 o	160526 o
7,5	60	105		177177 o
8	70	113	160539 o	160527
8,5	70	113		177178 o
9	75	120		160528 o
10	80	130		160529 o

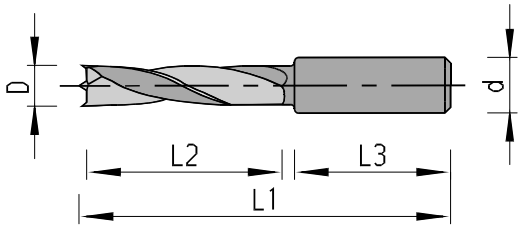


For drilling of dowel holes in solid woods and panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- spiral with back-guide to protect the edge of the hole upon exiting
- plastic coated for optimum chip evacuation
- clamping element: draw-in collet chuck
  drill chuck

130.010

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No.
6	75	13	50	140	177179 o
8	85	13	50	150	177180 o
10	95	13	50	160	177181 o
12	105	13	50	170	164248 o
13	110	13	50	175	177182
14	115	13	50	180	177183 o
15	120	13	50	185	177184 o
16	125	16	50	190	177185 o
18	130	16	50	200	160490 o
20	140	16	50	210	160491 o

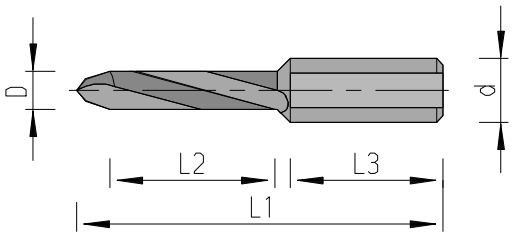


For drilling of dowel holes in solid woods

- application on stationary boring machines and automatic boring machines
- cutting material: HS
- 2 spurs for chip-free hole edges
- centering point for safe drilling
- spirals with back-guide to protect the edge of the hole upon exiting
- clamping element: draw-in collet chuck
  drill chuck

330.010

Ø D mm	Ø d mm	L1 mm	L2 mm	L3 mm	Ident.-No.
6	13	140	75	50	177186 o
8	13	150	85	50	177188 o
9	13	155	90	50	177189 o
10	13	160	95	50	177190 o
11	13	165	100	50	177191 o
12	13	170	105	50	160496 o
13	13	175	110	50	177192 o
14	13	180	110	50	160497 o
15	13	185	120	50	160498 o
16	16	190	125	50	160499 o
18	16	200	130	50	160500 o
20	16	210	140	50	160501 o

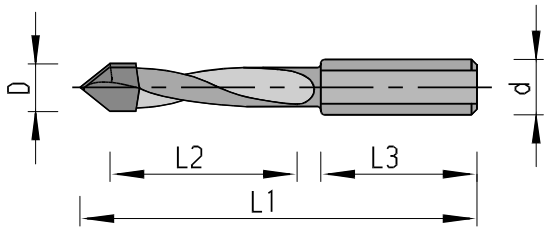


For drilling of through-holes in solid woods & panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- new cutting geometry for virtually chip-free hole edges
- cylindrical shank with clamping surface
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- clamping element: combi chuck
  quick-change chuck
- other dimensions possible with minimum quantities of 10 pieces
- price, delivery time upon request

130.012

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	R
5	25	10	25	57,5	177804	177805
8	25	10	25	57,5	177806	177807
5	30	10	30	70	178648	178649
8	30	10	30	70	178650	178651



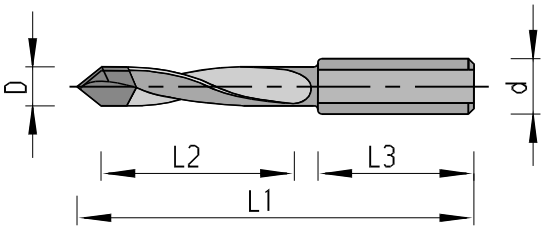
For drilling of through-holes in solid woods & panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 v-point cutting edges (60 degree angle)
- HW tipped bit
- cylindrical shank with clamping surface
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- spiral without back guide

- clamping element: combi chuck
  quick-change chuck

130.015

Ø D mm	Ø d mm	L1 mm	L2 mm	L3 mm	Ident.-No. L	R
4	10	57,5	27	25	182239 o	182240 o
5	10	57,5	25	25	055827	055823
5,1	10	57,5	25	25	176473	176472
6	10	57,5	25	25	176475	176474
7	10	57,5	27	25	182245 o	182246 o
8	10	57,5	22	25	055830	055826
3	10	70	27	25	182237 o	182238 o
4	10	70	35	25	182241 o	182242 o
5	10	70	35	25	176505	176504
5,5	10	70	35	25	182243 o	182244 o
6	10	70	35	25	176259	176258
7	10	70	35	25	181581	181582
8	10	70	35	25	176507	176506
11	10	70	35	25	182249 o	182250 o
5	10	77	45	25	176477	176476
6	10	77	45	25	176479	176478
7	10	77	45	25	182251 o	182252 o
8	10	77	43	25	176481	176480
9	10	77	42	25	182253 o	182254 o
10	10	77	42	25	176483	176482
11	10	77	40	25	182255 o	182256 o
12	10	77	40	25	176485	176484



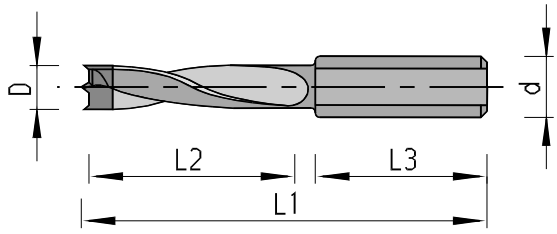
For drilling of through-holes in solid woods & panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 v-point cutting edges (60 degree angle)
- HW tipped bit
- cylindrical shank with clamping surface
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- spiral with back guide to protect the edge of the hole upon exiting
- adjustable countersink attachment on the boring spiral for simultaneous chamfering of the hole
- shell countersink Art.-No. 130.660

- clamping element: combi chuck
  quick-change chuck

130.015

Ø D mm	Ø d mm	L1 mm	L2 mm	L3 mm	Ident.-No. L	R
5	8	55,5	25	20	176497	176496
8	8	55,5	25	20	176499 o	176498 o
5	10	57,5	25	20	173604	173595
8	10	57,5	25	20	173611	173596
5	8	67	35	20	176501	176500
8	8	67	35	20	176503	176502
5	10	70	35	25	176255	176254
8	10	70	35	25	176257	176256



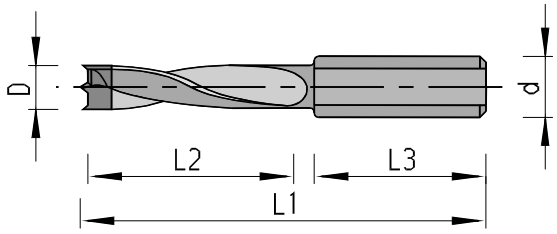
For drilling of dowel holes in solid woods and panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- spirals with back-guide to protect the edge of the hole upon exiting
- plastic coated for optimum chip evacuation
- adjustable countersink attachment on the boring spiral for simultaneous chamfering of the hole
- shell countersink Art.-No. 130.660

- clamping element: combi chuck
  quick-change chuck

130.215

Ø D mm	Ø d mm	L1 mm	L2 mm	L3 mm	Ident.-No. L	R
4	8	55,5	30	19	166107	166106
5	8	55,5	30	19	011543	011542
6	8	55,5	30	19	054884	054883
8	8	55,5	30	19	054892	054891
10	8	55,5	30	19	054896	054895
12	8	55,5	30	20	166113 o	166112 o
4	8	67	40	19	167164	167154
5	8	67	40	19	057494	057493
6	8	67	40	19	057496 o	057495
7	8	67	40	19	167167	167157
8	8	67	40	19	057498	057497
9	8	67	40	19	167169	167159
10	8	67	40	19	057500	057499
12	8	67	40	19	167172	167162



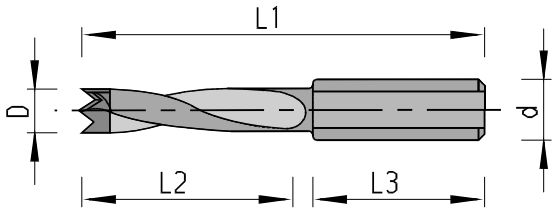
For drilling of dowel holes in solid woods and panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- spirals with back-guide to protect the edge of the hole upon exiting
- plastic coated for optimum chip evacuation
- adjustable countersink attachment on the boring spiral for simultaneous chamfering of the hole
- shell countersink Art.-No. 130.660

- clamping element: combi chuck
  quick-change chuck

130.215

Ø D mm	Ø d mm	L1 mm	L2 mm	L3 mm	Ident.-No. L	R
5	10	57,5	30	19	167184	167174
6	10	57,5	30	20	167185	167175
7	10	57,5	30	20	167186	167176
8	10	57,5	30	20	167187	167177
10	10	57,5	30	20	167188	167178
12	10	57,5	30	20	167189	167179
13	10	57,5	30	20	167190 o	167180
14	10	57,5	30	20	167191	167181
15	10	57,5	30	20	167192	167182
16	10	57,5	30	20	167193 o	167183 o
5	10	70	43	20	167203	167194
6	10	70	43	20	167204	167195
8	10	70	43	20	167205	167196
9	10	70	43	20	167206 o	167197
10	10	70	43	20	167207	167198
12	10	70	43	20	167208	167199
13	10	70	43	20	167209	167200
14	10	70	43	20	167210	167201
16	10	70	43	20	167211	167202



For chip-free drilling of dowel holes in solid woods and panel materials

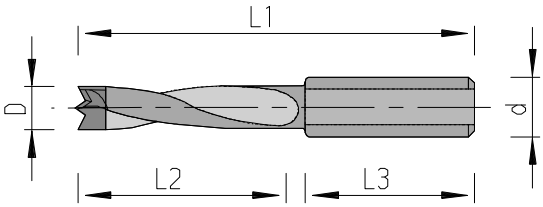
- application on stationary boring machines, automatic boring machines and CNC machining centers
- new cutting geometry for virtually chip-free hole edges
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- centering point for safe drilling
- cutting material: special HW
- tool life increased up to tenfold compared to traditional dowel drills

- clamping element: combi chuck
  quick-change chuck
- other dimensions possible with minimum quantities of 10 pieces

- price, delivery time upon request

130.212

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	R
5	30	8	19	55,5	178695	178696
8	30	8	19	55,5	178697	178698
4	20	10	27	57,5	179464	179465
5	25	10	27	57,5	177792	177793
6	25	10	27	57,5	177794	177795
8	25	10	27	57,5	177796	177797
10	30	10	27	57,5	178789	178788
4	20	10	30	70	179466	179467
5	35	10	30	70	177798	177799
6	35	10	30	70	177800	177801
8	35	10	30	70	177802	177803
10	35	10	30	70	178703	178704



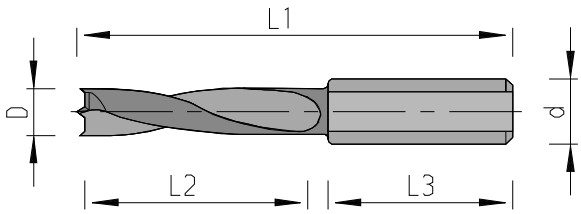
For chip-free drilling of dowel holes in solid wood and panel materials

- application on stationary boring machines, automatic boring machines and CNC machining centers
- cutting geometry with raker for chip-free hole edges
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- centering point for safe drilling
- wear-resistant HW-plunging tip for long edge lives
- constant quality of the bores for a long time results in high process safety
- tool life increased up to sixfold compared to traditional dowel drills

- clamping element: combi chuck
  quick-change chuck

130.213

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	R
5	25	10	27	57,5	181168	181167
6	25	10	27	57,5	181522	181521
8	25	10	27	57,5	181170	181169
10	25	10	27	57,5	181524	181523
5	35	10	30	70	181172	181171
6	35	10	30	70	181526	181525
8	35	10	30	70	181174	181173
10	35	10	30	70	181528	181527



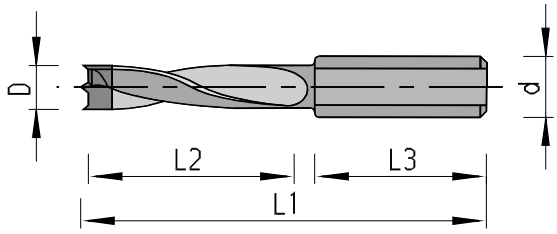
For chip-free drilling of dowel holes in solid wood and panel materials

- application on stationary boring machines, automatic boring machines, CNC machining centers and high-performance boring automats
- cutting geometry with raker for chip-free hole edges
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- centering point for safe drilling
- solid carbide design for high feed rates and edge lives
- constant quality of the bores for a long time results in high process safety
- tool life increased up to sixfold compared to traditional dowel drills

- clamping element: combi chuck
  quick-change chuck

130.213

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	R
3	18	10	31	57,5	182380	182381
4	20	10	29	57,5	182382	182383
5	22	10	27	57,5	182384	182385
3	18	10	43,5	70	182386	182387
4	27	10	34,5	70	182388	182389
5	30	10	31,5	70	182390	182391



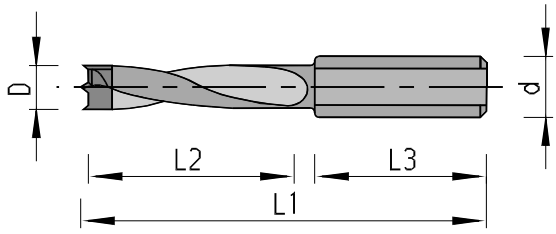
For drilling of dowel holes in solid woods and panel materials

- long cutting length for deep holes
- application on stationary boring machines, automatic boring machines and CNC machines
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- spirals with back-guide to protect the edge of the hole upon exiting
- plastic coated for optimum chip evacuation
- adjustable countersink attachment on the boring spiral for simultaneous chamfering of the hole
- shell countersink Art.-No. 130.660

- clamping element: combi chuck
  quick-change chuck

130.215

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	R
5	45	10	30	85	177194	177193
5	65	10	30	105	177206 o	177205
6	45	10	30	85	177196 o	177195
6	65	10	30	105	177208 o	177207
7	45	10	30	85	177198	177197
7	65	10	30	105	177210	177209
8	45	10	30	85	177200	177199
8	65	10	30	105	177212	177211
10	45	10	30	85	177202	177201
10	65	10	30	105	177214	177213
12	45	10	30	85	177204	177203
12	65	10	30	105	177216 o	177215



For drilling of dowel holes in solid woods and panel materials

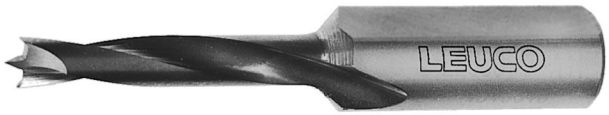
- application on stationary boring machines, automatic boring machines and CNC machining centers
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- spirals without back-guide
- plastic coated for optimum chip evacuation

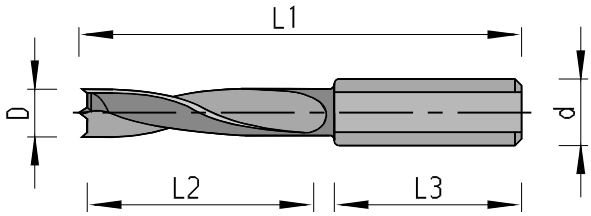
- clamping element: combi chuck
  quick-change chuck

130.215

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	Ident.-No. R
4	27	10	27	57,5	003175	003174
4,5	27	10	27	57,5	177228	177227
5	27	10	27	57,5	003179	003178
5,1	27	10	27	57,5	177230	177229
5,2	27	10	27	57,5	167707	167708
6	27	10	27	57,5	003183	003182
7	27	10	27	57,5	003187	003186
8	27	10	27	57,5	003191	003190
8,2	27	10	27	57,5	167216	167213
9	27	10	27	57,5	003195	003194
10	27	10	27	57,5	003199	003198
10,5	27	10	27	57,5	182261 o	182262 o
11	27	10	27	57,5	177232 o	177231
12	27	10	27	57,5	003207	003206

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	R
4	35	10	30	70	173175	173174
4,5	35	10	30	70	182263 o	182264 o
5	35	10	30	70	003231	003230
5,1	35	10	30	70	182265 o	182266 o
5,5	35	10	30	70	182267 o	182268 o
6	35	10	30	70	003235	003234
6,5	35	10	30	70	182269 o	182270 o
7	35	10	30	70	167224	167219
7,5	35	10	30	70	182271 o	182272 o
8	35	10	30	70	003243	003242
8,1	35	10	30	70	182273 o	182274 o
8,2	35	10	30	70	182275 o	182276 o
8,5	35	10	30	70	182277 o	182278 o
9	35	10	30	70	167225	167220
10	35	10	30	70	003251	003250
10,2	35	10	30	70	182279 o	182280 o
11	35	10	30	70	167226	167221
12	35	10	30	70	167227	167222
5	44	10	30	77	167233	167228
6	44	10	30	77	167234	167229
8	44	10	30	77	167235	167230
10	44	10	30	77	167236	167231
12	44	10	30	77	173181	173180





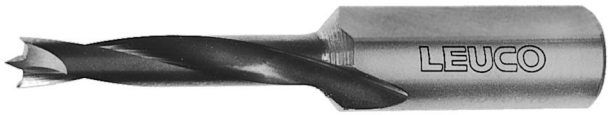
For drilling of dowel holes in solid woods and panel materials

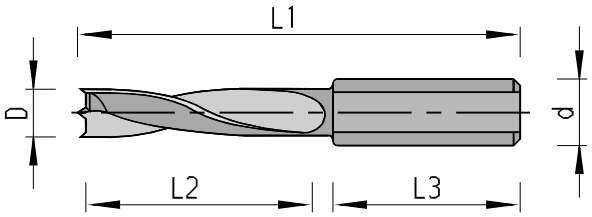
- application on stationary boring machines, automatic boring machines and CNC machines
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- spirals with back-guide to protect the edge of the hole upon exiting
- solid carbide bit for high feed rates and large resharpenable area
- adjustable countersink attachment on the twist-back for simultaneous chamfering of the hole
- shell countersink Art.-No. 130.660

- clamping element: combi chuck
  quick-change chuck

130.215

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No. L	R
5	27	10	27	57,5	181865	181864
6	27	10	27	57,5	181867 o	181866 o
5	35	10	30	70	181869	181868
6	35	10	30	70	181871 o	181870 o





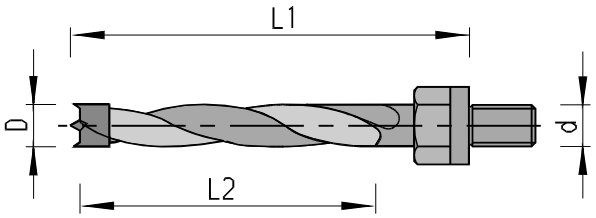
For drilling of dowel holes in solid woods

- application on stationary boring machines, automatic boring machines
- cutting material: HS
- 2 spurs for chip-free hole edges
- centering point for safe drilling
- spirals with back-guide (length 85 mm without back-guide)
- clamping element: combi chuck
  quick-change chuck

330.215

Ø D mm	Ø d mm	L1 mm	L2 mm	L3 mm	Ident.-No. L	R
4	10	57,5	30	20	177234 o	177233 o
5	10	57,5	30	20	177236 o	177235 o
6	10	57,5	30	20	177238 o	177237 o
8	10	57,5	30	20	177240 o	177239 o
10	10	57,5	30	20	177242 o	177241 o
5	10	70	43	20	177246	177245
6	10	70	43	20	160479 o	177247
7	10	70	43	20	177250 o	177249 o
8	10	70	43	20	177248 o	160475 o
10	10	70	43	20	177252 o	177251
12	10	70	43	20	177254 o	177253 o
14	10	70	43	20	177256 o	177255 o
16	10	70	43	20	177258 o	177257 o
5	10	85	45	30	177260 o	177259 o
6	10	85	45	30	177262 o	177261 o
8	10	85	45	30	177266 o	177265 o
10	10	85	45	30	177268 o	177267 o

Ø D mm	Ø d mm	L1 mm	L2 mm	L3 mm	Ident.-No. L	R
12	10	85	45	30	177270 o	177269 o
6	10	105	65	30	177274 o	177273 o
7	10	105	65	30	177276 o	177275 o
8	10	105	65	30	177278 o	177277 o
10	10	105	65	30	177280 o	177279 o
12	10	105	65	30	177282 o	177281 o

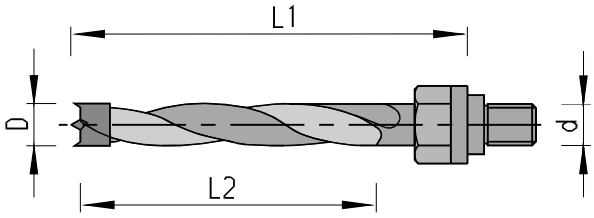


For drilling of dowel holes in solid woods and panel materials

- application on stationary boring machines and automatic boring machines
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- spirals without back-guide
- plastic coated twist-back for optimum chip evacuation
- threaded shank for direct clamping onto the boring spindle advantage: high stability
- for coordination with machines see section Clamping Systems

130.226

Ø D mm	Ø d mm	L1 mm	L2 mm	Ident.-No. L	R
5	M 8	63	45	160570	160566
5	M 10	63	45	167697	167698
6	M 10	63	45	160576	160574
8	M 8	63	45	160572	160568
8	M 10	63	45	160577	160575
10	M 10	63	45	167699	167700
12	M 8	63	45	167691 o	167692 o
12	M 10	63	45	167701 o	167702

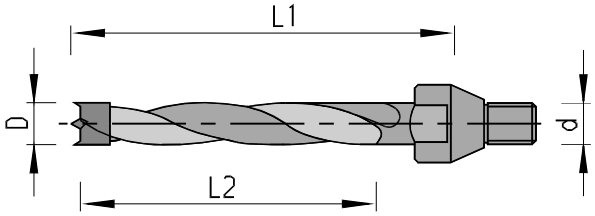


For drilling of dowel holes in solid woods and panel materials

- application on stationary boring machines and automatic boring machines
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- spirals without back-guide
- plastic coated twist-back for optimum chip evacuation
- threaded shank and locating device for direct clamping onto the boring spindle advantage: high stability
- for machine cross-reference see Clamping Systems section

130.226

Ø D mm	Ø d mm	L1 mm	L2 mm	Ident.-No. L	R
5	M 10	63	40	167703	167704
6	M 10	63	40	167705 o	167706 o
8	M 10	63	40	160584	160582
10	M 10	63	40	160585 o	160583 o

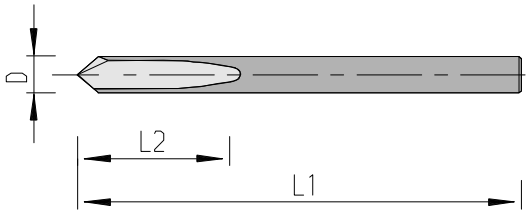


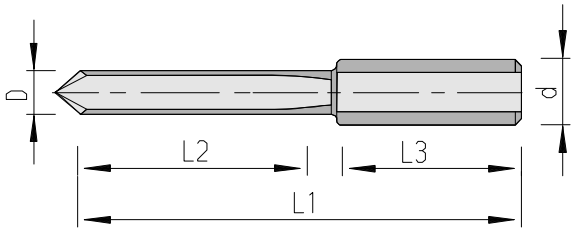
For drilling of dowel holes in solid woods and panel materials

- application on stationary boring machines and automatic boring machines
- 2 negative spurs to achieve virtually chip-free hole edges
- centering point for safe drilling
- spirals without back-guide
- plastic coated twist-back for optimum chip evacuation
- threaded shank with centering cone for direct clamping onto the boring spindle advantage: high stability
- for machine cross-reference see Clamping Systems section

130.226

Ø D mm	Ø d mm	L1 mm	L2 mm	Ident.-No. L	R
5	M 10	61	45	177284 o	177283 o
6	M 10	61	45	177286 o	177285 o
8	M 10	61	45	160580 o	160578 o



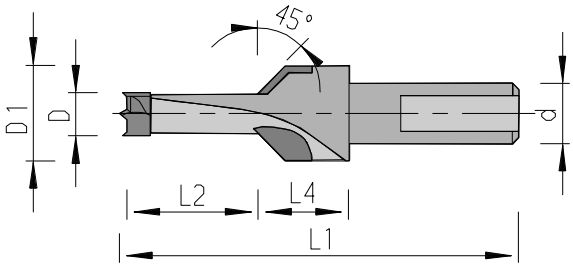


For boring of blind holes in abrasive materials and dry solid wood

- application on dowel hole boring machines and CNC - machines
- for clockwise and anti clockwise rotation
- large resharpenable area makes tool very economic
- cylindrical shank with clamping surface and adjusting screw
- clamping element: combi chuck
  quick-clamping chuck

130.010

Ø D mm	L2 mm	Ø d mm	L3 mm	L1 mm	Ident.-No.
2,5	12	2,5		45	180942
3	12	3		45	180943
4	12	4		45	180944 #
5	25	10	25	57,5	180945
5	35	10	25	70	180946



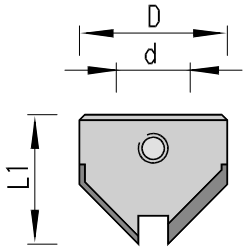
For drilling and countersinking in solid wood and panel materials

- application on stationary boring machines and automatic boring machines
- spiral PTFE coated
- 2 spur
- centering point for safe drilling
- high efficiency thanks to large resharpening area
- adjusting screw:
  Ident.-No. 001600 M5x10 DIN 551 for precise length adjustment
  Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck

- clamping element: combi chuck
  quick-change chuck

130.710

Ø D mm	L2 mm	Ø D1 mm	L4 mm	Ø d mm	L1 mm	Ident.-No. L	R
8	12	16	15	10	57,5	180847	180846
8	15	16	15	10	57,5	180849	180848
10	12	16	15	10	57,5	180853	180852
10	15	16	15	10	57,5	180855 #	180854
10	20	16	15	10	57,5	180857 #	
8	12	16	15	10	70	180859	180858
8	15	16	15	10	70	180861 #	180860 #
8	20	16	15	10	70	180863	180862
10	12	16	15	10	70	180865	180864
10	15	16	15	10	70	180867 #	
10	20	16	15	10	70	180869 #	180868



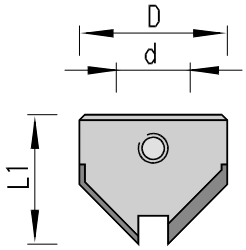
For drilling of countersinks in solid wood and panel materials

- for chip-free countersink holes at 90 degree angle with simultaneous drilling
- for installation on twist drills and dowel drills with back-guide on the drill spiral with setscrew
- continuous adjustment of the countersink diameter and the boring depth
- resharpenable cutting edges make the tool very economic
- 2 brazed HW tips

130.660

Ø D mm	L1 mm	for drill bit Ø d mm	Ident.-No. L	Ident.-No. R
15,5	17,5	3		177291
15,5	17,5	4	160548	160542
15,5	17,5	5	160549	160543
15,5	17,5	6	160550	160544
15,5	17,5	7	167725	167726
15,5	17,5	8	160551	160545
15,5	17,5	9	167241 o	167240
20	17,5	10	160552	160546
20	17,5	12	160553	160547

spare parts	dimensions	Art.-No.	Ident.-No.
hex socket head wrench	DIN 911 SW 3	985730	009672
setscrew	DIN 916 M6x4	995161	167068



For drilling of countersinks in solid wood and panel materials

- for chip-free countersink holes at 90 degrees with simultaneous drilling
- for installation on elongated shank of dowel drills Ø 5 - 12 mm with setscrew
- continuous adjustment of the countersink diameter and the boring depth
- resharpenable cutting edges make the tool very economic
- 2 brazed HW tips

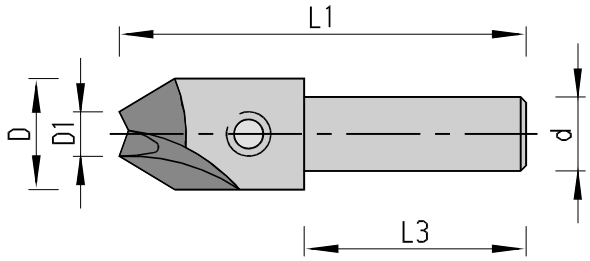
130.660

Ø D mm	L1 mm	Ø d mm	for drill bit Ø d mm	Ident.-No. L	Ident.-No. R
15,5	16,5	10	5-10	177294	177293
20	17,5	10	5-10	169313	169312
22	16,5	10	11-12	177296 o	177295 o

spare parts	dimensions	for Ident.-No.	Art.-No.	Ident.-No.
hex socket head wrench	DIN 911 SW 3		985730	009672
setscrew	DIN 916 M6x4	177294 177293 169313 169312	995161	167068
setscrew	DIN 916 M6x5	177296 177295	995161	165049

For drilling of countersinks in solid wood and panel materials

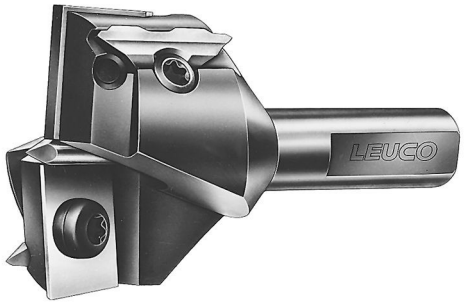
- for chip-free countersink holes at 90 degrees with simultaneous drilling
- for installation on shank of twist drills Ø 3 - 6 mm
- continuous adjustment of the countersink diameter and the boring depth
- resharpenable cutting edges make the tool very economic
- 2 brazed HW tips

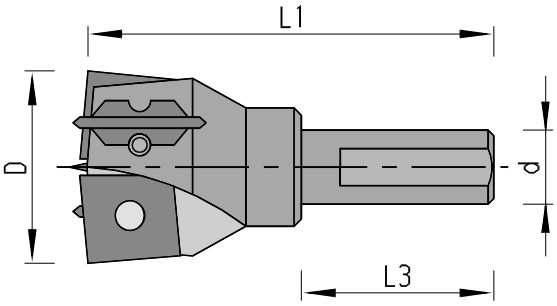


130.660

Ø D mm	Ø D1 mm	Ø d mm	L1 mm	L3 mm		Ident.-No.
15	3	10	58	30	R	173190
15	3	10	58	30	L	173191 o
15	3,5	10	58	30	R	173192
15	4	10	58	30	R	173194
15	4	10	58	30	L	173195
15	4,5	10	58	30	R	173196
15	4,5	10	58	30	L	173197 o
15	5	10	58	30	R	173198
15	5	10	58	30	L	173199
15	6	10	58	30	R	173202
15	6	10	58	30	L	173203 o

spare parts	dimensions	Art.-No.	Ident.-No.
setscrew	DIN 916 M6x6	995161	180003





For drilling of hinge hardware holes in solid wood and panel materials

- application on hardware hinge machines, automatic boring machines and CNC machining centers
- for chip-free hardware hinge holes in veneered, laminated and raw panel materials with a scoring cut of the turnover spur
- rakers and turnover spurs in double-sided design and wear-resistant HW degreese ensure long tool life
- replaceable and adjustable centering point
- cylindrical shank with clamping surface and adjusting screw M5x10 DIN 551 Ident.-No. 001600, Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck

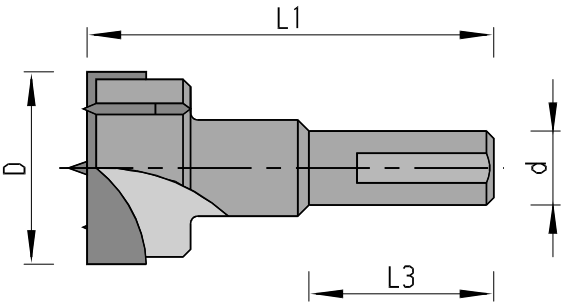
- clamping element: combi chuck
  quick-clamping chuck

130.135

Ø D mm	Ø d mm	L1 mm	L3 mm	Ident.-No. L	Ident.-No. R
25	10	57,5	26		162612
26	10	57,5	26	162615 #	162614
30	10	57,5	26		162616
35	10	57,5	26	162619	162618

turnover knives	dimensions	for Ident.-No.		Art.-No.	Ident.-No.
turnover knife	10,5x12x1,5	162613	162612	150515	162636
turnover knife	11x12x1,5	162614	162615	150515	162637
turnover knife	13x12x1,5	162616		150515	162638
turnover knife	15,7x12x1,5	162619	162618	150515	163846
spur	18x6x3,5			150558	181263
centering point	3x33,5			165512	162624

spare parts	dimensions	for Ident.-No.	Art.-No.	Ident.-No.
Torx countersunk screw	M3,5x5,5 T15	162613 162612	995125	162649
Torx countersunk screw	M3,5x6 T15	162614 162615 162616 162618 162619	995125	162648
Torx cap screw	M3,5x3,8 T15	162614 162615 162616 162618 162619 162612 162613	995115	162645
screw	DIN 915 M6x6	for centering pins	995161	163841

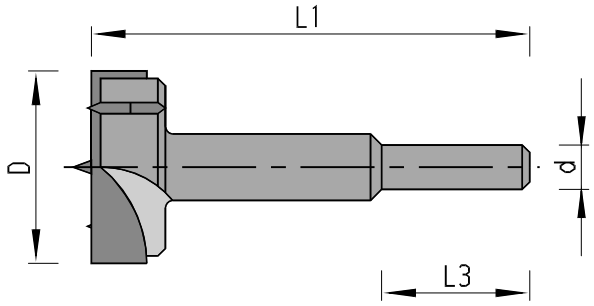


For drilling of hinge hardware holes in solid wood and panel materials

- application on hardware hinge machines, automatic boring machines and CNC machining centers
- for chip-free hardware hinge holes in veneered, laminated and raw panel materials with a scoring cut of the spurs
- 2 rakers, 2 spurs and centering point brazed
- large resharpenable area makes tool very economic
- cylindrical shank with clamping surface and adjusting screw M5x10 DIN 551 Ident.-No. 001600, Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck
- clamping element: combi chuck quick-clamping chuck

130.115

Ø D mm	Ø d mm	L1 mm	L3 mm	Ident.-No. L	R
15	10	57,5	26	003303	003302
16	10	57,5	26	003305	003304
18	10	57,5	26	003309	003308
20	10	57,5	26	003313	003312
22	10	57,5	26	003315	003314
25	10	57,5	26	003319	003318
26	10	57,5	26	003321	003320
30	10	57,5	26	003327	003326
35	10	57,5	26	003333	003332
40	10	57,5	26	003337	003336
15	10	70	26	178978	172250
18	10	70	26	178983	178984
20	10	70	26	178979	172251
22	10	70	26	182257	182258
25	10	70	26	178980	172252
26	10	70	26	182374	182375
30	10	70	26	178981	172253
35	10	70	26	178982	172254
40	10	70	26	182259	182260



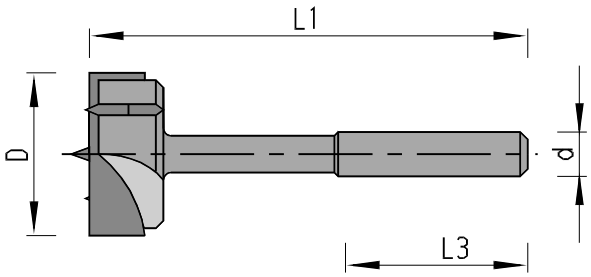
For drilling in solid wood and panel materials

- application on stationary boring machines and portable boring machines
- for chip-free holes in solid wood, veneered, laminated and raw panel materials with a scoring cut of the spurs
- 2 rakers, 2 spurs and centering point brazed
- Ø 12 spurs in rakers
- large resharpenable area makes tool very economic
- cylindrical shank
- clamping element: drill chuck

130.119

Ø D mm	Ø d mm	L1 mm	L3 mm	Ident.-No.
12	10	90	30	173204
14	10	90	30	167685
15	10	90	30	160424
16	10	90	30	160425
17	10	90	30	167686
18	10	90	30	160426
19	10	90	30	167687
20	10	90	30	160427
21	10	90	30	173205
22	10	90	30	160428
23	10	90	30	167688
24	10	90	30	160429
25	10	90	30	160430
26	10	90	30	160431
27	10	90	30	173206 o
28	10	90	30	160432
30	10	90	30	160433
32	10	90	30	160434

Ø D mm	Ø d mm	L1 mm	L3 mm	Ident.-No.
34	10	90	30	167689 o
35	10	90	30	160435
36	10	90	30	160436 o
38	10	90	30	160437
40	10	90	30	160438
42	10	90	30	167690 o
45	10	90	30	173207
50	10	90	30	173208



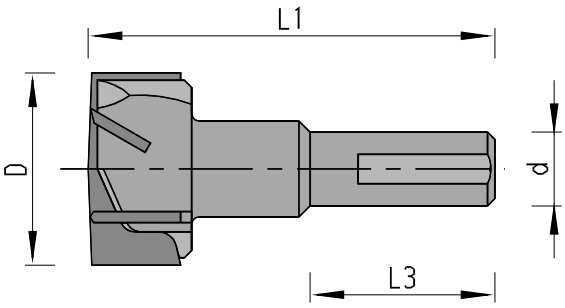
For drilling in solid wood and panel materials

- application on stationary boring machines and portable boring machines
- for chip-free holes in solid wood, veneered, laminated and raw panel materials with a scraping cut of the spurs
- 2 rakers, 2 spurs and centering point brazed
- large resharpenable area makes tool very economic
- Ø of the cylindrical shank is adapted to the cutting pressure
- clamping element: drill chuck

130.111

Ø D mm	Ø d mm	L1 mm	L3 mm	Ident.-No.
15	13	140	50	173210 o
16	13	140	50	173211 o
18	13	140	50	160388 o
20	13	140	50	160389 o
22	13	140	50	160390
24	13	140	50	173212 o
25	13	140	50	160392
26	13	140	50	160393 o
28	13	140	50	160394 o
30	13	140	50	160395
32	16	140	50	160396 o
34	16	140	50	173213 o
35	16	140	50	160398
36	16	140	50	173214 o
38	16	140	50	173215 o
40	16	140	50	160401 o
42	16	140	50	160402 o
44	16	140	50	173216 o

Ø D mm	Ø d mm	L1 mm	L3 mm	Ident.-No.
45	16	140	50	180742 o
46	16	140	50	173217 o
48	16	140	50	173218 o
50	16	140	50	160407 o
52	16	140	50	160408 o
54	16	140	50	173219 o
55	16	140	50	160409
56	16	140	50	173220 o
58	16	140	50	173221 o
60	16	140	50	160410
63	16	140	50	173228 o
65	16	140	50	160411 o
68	16	140	50	173222 o
70	16	140	50	160412 o
75	20	140	50	173223 o
80	20	140	50	160414 o
90	20	140	50	173225 o



For drilling of hinge hardware holes in solid wood and panel materials

- application on hardware hinge machines, automatic boring machines and CNC machining centers
- for chip-free hardware hinge holes in veneered, laminated and raw panel materials with a scoring cut of the spurs
- 3 rakers, 3 spurs, brazed for high feed rates
- without centering point, allows boring depths close to the bottom-side laminate
- large resharpenable area makes tool very economic
- cylindrical shank with clamping surface and adjusting screw M5x10 DIN 551 Ident.-No. 001600, Ident.-No. 181520 M5x11,5 for Weeke quick-change chuck

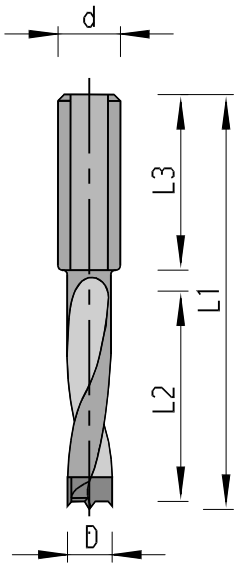
- clamping element: combi chuck
  quick-clamping chuck

130.115

Ø D mm	Ø d mm	L1 mm	L3 mm	Ident.-No. L	Ident.-No. R
25	10	57,5	26	160385	160384
26	10	57,5	26		003278
30	10	57,5	26		003280
35	10	57,5	26	003285	003284
40	10	57,5	26		713347 o

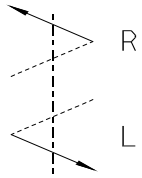
➔ Boring bits for wood and wood materials: fit all common machines

✧ Technical Information



➔ dimensions

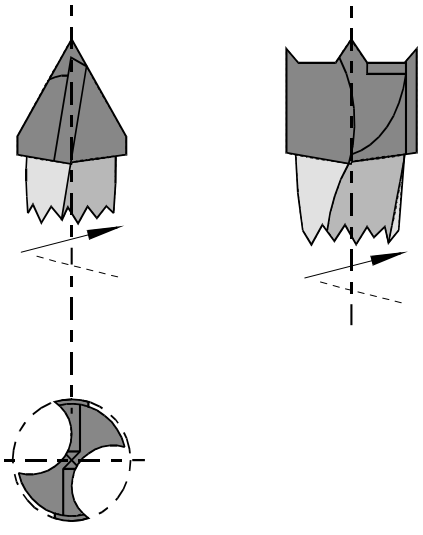
- L_1 = total length
- L_2 = Nutzlänge
- L_3 = shank length
- D = bore diameter
- d = shank diameter



- R = right hand rotation
- L = left hand rotation

➔ no indication= right hand rotation

✧ Grind of dowel drills



- spurs with negatve grind result in improved bore edges
- increased clearance cut on the back results in improved chip ejection and lower motor performance

✧ Gringing disks for Topline dowel drills

for boring bits	∅ 5	Ident.-No. 178281
	∅ 6	Ident.-No. 178282
	∅ 8	Ident.-No. 178283