wirutex
hi-tech tools

Catalogue

Boring Bits

P**02** _2020

Summary

Simbols and abbreviations

DP	POLYCRYSTALLINE DIAMOND
HW	TUNGSTEN CARBIDE
HWM	SOLID TUNGSTEN CARBIDE
MEC	MECHANICAL FEED

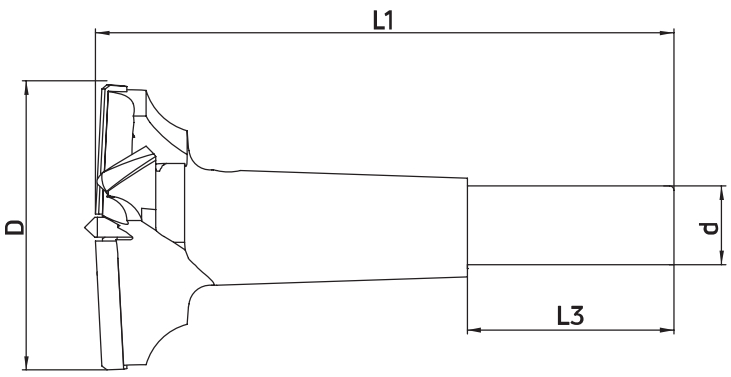
Id-No.	PRODUCT CODE
Id-No. (Rh)	TOOL CODE WITH RIGHT-HAND ROTATION
Id-No. (Lh)	TOOL CODE WITH LEFT-HAND ROTATION

HINGES

Boring bit for hinges

DP

MEC



MACHINES / APPLICATIONS

Boring machines.

Ideal for creating hinge pockets.

Machining operations on chipboard and coated MDF.

DESIGN

Adjustable HW centering point.

DP tips.

Parallel shank with driving flat and adjusting screw.

Centering point protrusion h= 0.5 mm

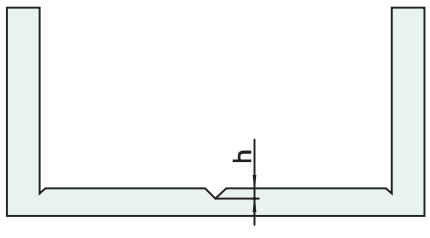
NOTES

For blind holes.

Feed speed: up to 3 m/min

Max. rpm: 12,000

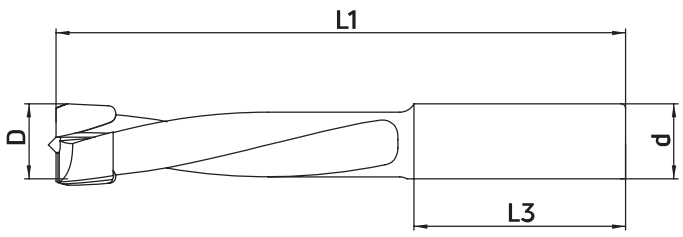
D (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
14	10	26	57.5	2+2	S11004	S11497
15	10	26	57.5	2+2	S13998	S13999
16	10	26	57.5	2+2	S11886	S11887
20	10	26	57.5	2+2	S03376	S03377
25	10	26	57.5	2+2	S11876	S11877
26	10	26	57.5	2+2	S11998	S11999
35	10	26	57.5	2+2	S12623	S12733
14	10	38.5	70	2+2	S12911	S12912
15	10	26	70	2+2	S11228	S11229
16	10	38.5	70	2+2	S13256	S13257
20	10	38.5	70	2+2	S03380	S03381
25	10	26	70	2+2	S11984	S11985
26	10	26	70	2+2	S11107	S11108
35	10	25	70	2+2	S12734	S12735



Boring bit for blind holes

DP

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on MDF and melamine.

DESIGN

DP centering point.

DP tips.

Parallel shank with driving flat and adjusting screw.

Centering point protrusion h= 0.5 mm

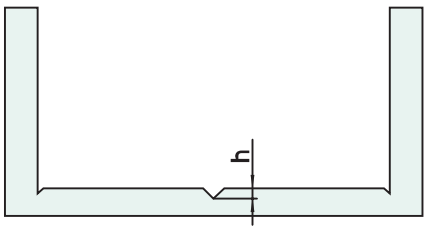
NOTES

For blind holes.

Feed speed: up to 3 m/min

Max. rpm: 12,000

D (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
8	10	26	57.5	2	S14110	S14111
10	10	26	57.5	2	S14112	S14113
8	10	26	70	2	S11375	S12681
10	10	26	70	2	S12683	S12684

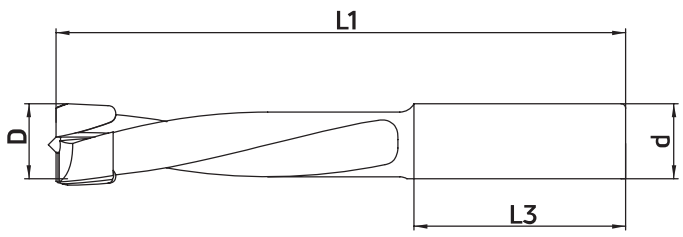


Boring bit for blind holes

solid tungsten carbide body

DP

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on MDF and melamine.

DESIGN

Body in HWM.

DP tips.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

Feed speed: up to 3 m/min

Max. rpm: 12,000

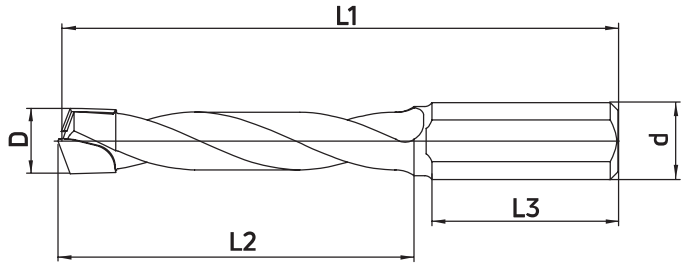
D (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	10	20	57.5	2	ES0196	ES0197
5	10	30	70	2	ES0186	ES0187

Boring bit for blind holes

solid tungsten carbide body

DP

MEC



MACHINES / APPLICATIONS

Boring machines and CNC.

DESIGN

Body in HWM.

DP tips.

Parallel shank with driving flat and adjusting screw.

NOTE

For blind holes.

Feed speed: up to 3 m/min

Max. rpm: 12,000

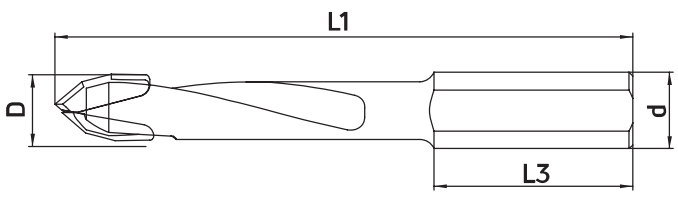
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
8	33	10	24	57.5	2	S15384	S15385
10	33	10	24	57.5	2	S15046	S15192
8	46	10	24	70	2	S15386	S15387
10	46	10	24	70	2	S15045	S15388

Boring bit for through holes

solid tungsten carbide body

DP

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on MDF and melamine.

DESIGN

Body in HWM.

DP tips.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Feed speed: up to 3 m/min

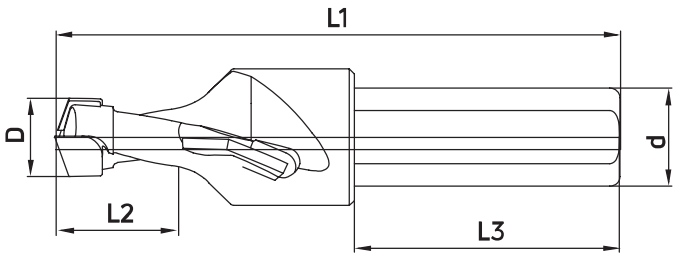
Max. rpm: 12,000

D (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	10	30	70	2	ES0150	ES0151
6	10	30	70	2	ES0152	ES0153

Boring bit with countersink for blind holes

DP

MEC



MACHINES / APPLICATIONS

Boring machines and CNC.

DESIGN

DP tips.

Parallel shank with driving flat and adjusting screw.

NOTE

For boring and countersinking.

Feed speed: up to 3 m/min

Max. rpm: 12,000

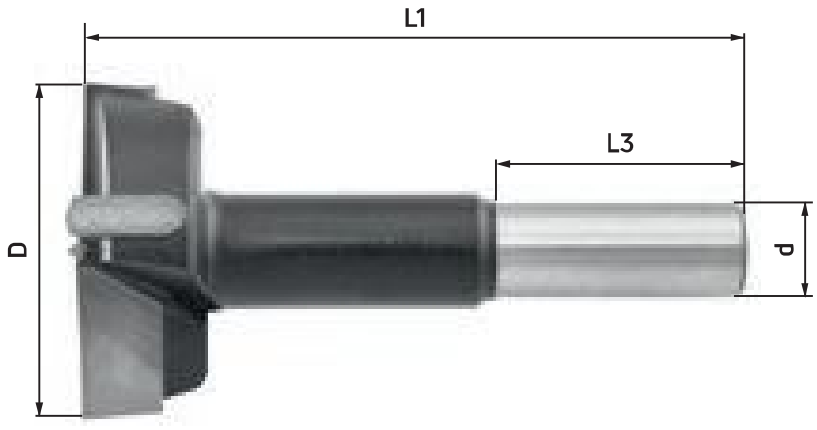
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
8	12.5	10	27	57.5	2+2	S15243	S15389
8	15	10	27	57.5	2+2	S15390	S15391
8	20	10	27	57.5	2+2	S15392	S15393
10	12.5	10	27	57.5	2+2	S15394	S15395
10	15	10	27	57.5	2+2	S15396	S15397
10	20	10	27	57.5	2+2	S15398	S15399
8	12.5	10	27	70	2+2	S15328	S15329
8	15	10	27	70	2+2	S15400	S15401
8	20	10	27	70	2+2	S15402	S15403
10	12.5	10	27	70	2+2	S15114	S15115
10	15	10	27	70	2+2	S15404	S15405
10	20	10	27	70	2+2	S15406	S15407

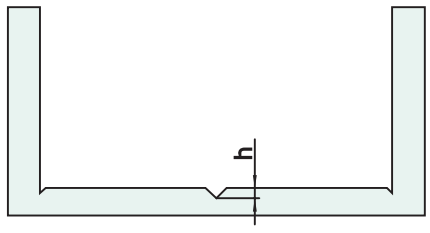
Boring bit for hinges

L. 57.5

HW

MEC





MACHINES / APPLICATIONS

Boring machines.
Ideal for creating hinge pockets.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HW centering point.
2 cutting edges in HW.

2 negative sharpening ground spurs.

Parallel shank with driving flat and adjusting screw.

Centering point protrusion h= 1 mm

NOTES

For blind holes.

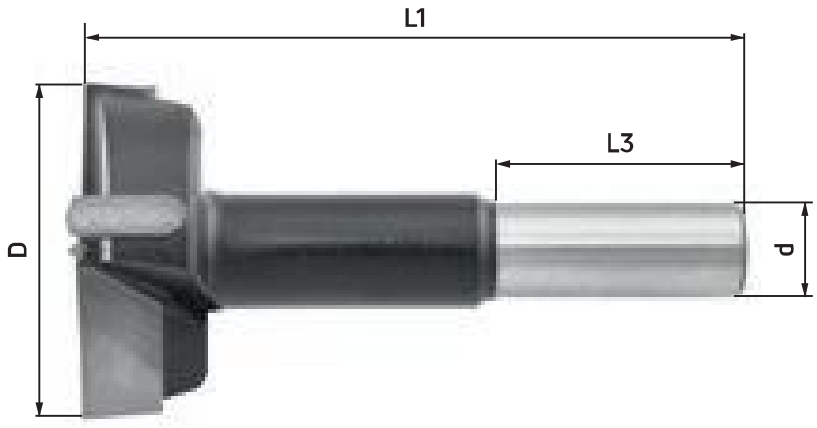
D (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
14	10	26	57.5	2+2	C00264	C00265
15	10	26	57.5	2+2	C00143	C00144
16	10	26	57.5	2+2	C00145	C00146
17	10	26	57.5	2+2	C01449	C01450
18	10	26	57.5	2+2	C00147	C00148
19	10	26	57.5	2+2	C01451	C01452
20	10	26	57.5	2+2	C00149	C00150
22	10	26	57.5	2+2	C00151	C00152
24	10	26	57.5	2+2	C00153	C00154
25	10	26	57.5	2+2	C00130	C00141
26	10	26	57.5	2+2	C00155	C00156
28	10	26	57.5	2+2	C00157	C00158
30	10	26	57.5	2+2	C00159	C00160
32	10	26	57.5	2+2	C00161	C00162
34	10	26	57.5	2+2	C04583	C04584
35	10	26	57.5	2+2	C00131	C00142
38	10	26	57.5	2+2	C00163	C00164
40	10	26	57.5	2+2	C00165	C00166
45	10	26	57.5	2+2	C04585	C04586
50	10	26	57.5	2+2	C04314	C04315
55	10	26	57.5	2+2	C04587	C04588
60	10	26	57.5	2+2	C04589	C04590

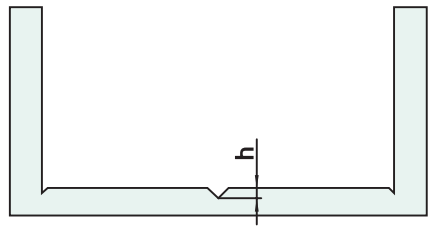
Boring bit for hinges

L. 70

HW

MEC





MACHINES / APPLICATIONS

Boring machines.
Ideal for creating hinge pockets.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HW centering point.
2 cutting edges in HW.

2 negative sharpening ground spurs.

Parallel shank with driving flat and adjusting screw.

Centering point protrusion h= 1 mm

NOTES

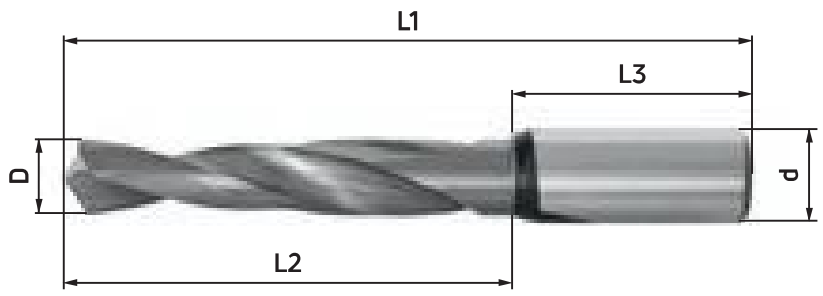
For blind holes.

D (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
14	10	26	70	2+2	C01967	C01968
15	10	26	70	2+2	C00167	C00168
16	10	26	70	2+2	C01398	C01399
18	10	26	70	2+2	C00169	C00170
20	10	26	70	2+2	C00171	C00172
22	10	26	70	2+2	C01969	C01970
25	10	26	70	2+2	C00173	C00174
26	10	26	70	2+2	C00175	C00176
30	10	26	70	2+2	C00177	C00178
35	10	26	70	2+2	C00179	C00180
40	10	26	70	2+2	C00181	C00182
45	10	26	70	2+2	C04591	C04592
50	10	26	70	2+2	C04593	C04594
55	10	26	70	2+2	C04595	C04596
60	10	26	70	2+2	C04597	C04598

Boring bit for blind holes

HWM

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

Helical body in HWM.

Centering point - 2 cutting edges in HWM.

2+2 spiral flutes.

2 ground spurs with reinforced sharpening.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

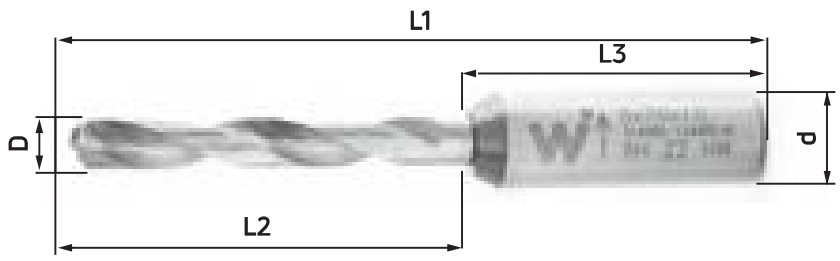
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
2	12	10	27	57.5	2	C04579	C04580
3	9	10	35	57.5	2	C04210	C04211
3	18	10	25	57.5	2	C00388	C00389
4	20	10	25	57.5	2	C01841	C01842
5	22	10	27	57.5	2	C00360	C00361
6	22	10	25	57.5	2	C01843	C01844
6.35	22	10	25	57.5	2	C01845	C01846
8	22	10	25	57.5	2	C04060	C04061
10	22	10	25	57.5	2	C05407	C05408
2	12	10	40	70	2	C04581	C04582
3	18	10	40	70	2	C01380	C01381
4	27	10	28	70	2	C01847	C01848
5	30	10	28	70	2	C00362	C00363
6	30	10	30	70	2	C01849	C01850
6.35	30	10	30	70	2	C01851	C01852
8	35	10	25	70	2	C04062	C04063
10	35	10	25	70	2	C05409	C05410

Boring bit for blind holes

W-Plus technology

HWM

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

Helical body in HWM.

Centering point - 2 cutting edges in HWM.

2 spiral flutes.

2 ground spurs.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

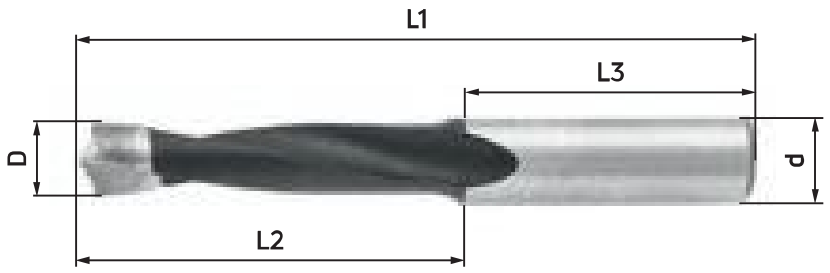
W-Plus is the innovative Wirutex technology applied during the tool design phase.
It guarantees:
longer tool life
optimum finish
very high number of holes.

D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
2	12	10	27	57.5	2	S15630	S15631
3	9	10	35	57.5	2	S15632	S15633
3	18	10	25	57.5	2	S15634	S15635
4	20	10	25	57.5	2	S15636	S15637
5	22	10	27	57.5	2	S15638	S15639
6	22	10	25	57.5	2	S15640	S15641
6.35	22	10	25	57.5	2	S15642	S15643
8	22	10	25	57.5	2	S15644	S15645
10	22	10	25	57.5	2	S15646	S15647
2	12	10	40	70	2	S15650	S15651
3	18	10	40	70	2	S15652	S15653
4	27	10	28	70	2	S15654	S15655
5	30	10	30	70	2	S15656	S15657
6	30	10	30	70	2	S15658	S15659
6.35	30	10	30	70	2	S15660	S15661
8	35	10	25	70	2	S15662	S15663
10	35	10	25	70	2	S15664	S15665

Boring bit with curved ground spurs for blind holes

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HW head.

2 cutting edges in HW.

2 spiral flutes.

2 ground spurs.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

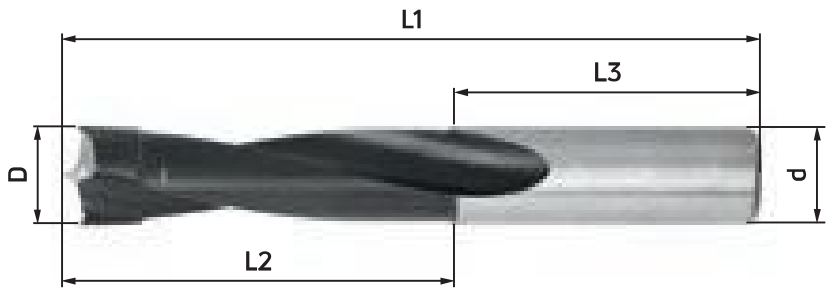
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	27	10	27	57.5	2	C02715	C02716
6	27	10	27	57.5	2	C02717	C02718
7	27	10	27	57.5	2	C01926	C01927
8	27	10	27	57.5	2	C01642	C01643
9	27	10	27	57.5	2	C01928	C01929
10	27	10	27	57.5	2	C01930	C01931
5	35	10	30	70	2	C02643	C02644
6	35	10	30	70	2	C02645	C02646
7	35	10	30	70	2	C01932	C01933
8	35	10	30	70	2	C01934	C01935
9	35	10	30	70	2	C01936	C01937
10	35	10	30	70	2	C01938	C01939

2 spiral flutes boring bit for blind holes

L. 57.5

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

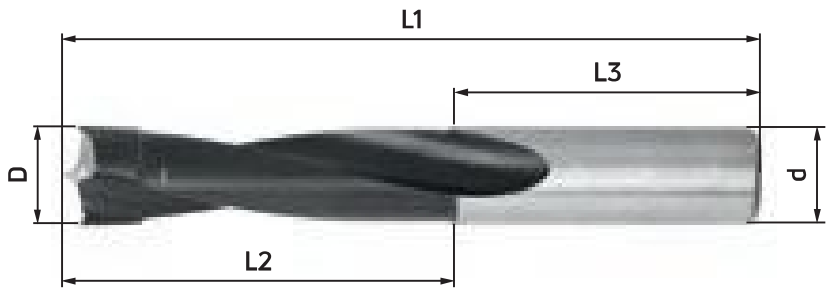
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
4	27	10	27	57.5	2	C01853	C01854
4.5	27	10	27	57.5	2	C01855	C01856
4.76	27	10	27	57.5	2	C01857	C01858
5	27	10	27	57.5	2	C01813	C01814
5.1	27	10	27	57.5	2	C01859	C01860
5.2	27	10	27	57.5	2	C01861	C01862
5.55	27	10	27	57.5	2	C01557	C01558
6	27	10	27	57.5	2	C01863	C01864
6.35	27	10	27	57.5	2	C01865	C01866
6.5	27	10	27	57.5	2	C01867	C01868
7	27	10	27	57.5	2	C01869	C01870
8	27	10	27	57.5	2	C01815	C01816
8.2	27	10	27	57.5	2	C01871	C01872
9	27	10	27	57.5	2	C01873	C01874
9.52	27	10	27	57.5	2	C01875	C01876
10	27	10	27	57.5	2	C01817	C01818
11	27	10	27	57.5	2	C01877	C01878
12	27	10	27	57.5	2	C01879	C01880
12.7	27	10	27	57.5	2	C01881	C01882
13	27	10	27	57.5	2	C01883	C01884
14	27	10	27	57.5	2	C01885	C01886
15	27	10	27	57.5	2	C01887	C01888
16	27	10	27	57.5	2	C01889	C01890

2 spiral flutes boring bit for blind holes

L. 70

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

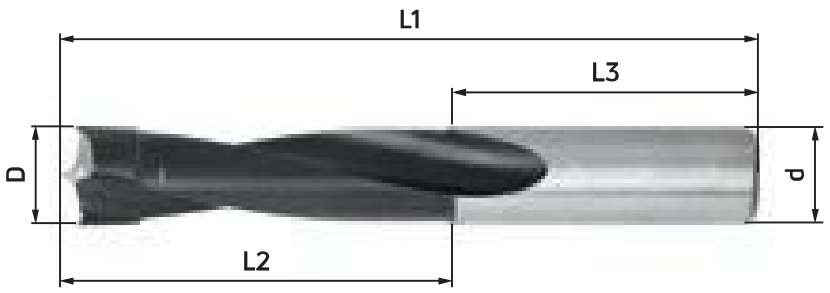
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
4	35	10	30	70	2	C01891	C01892
4.5	35	10	30	70	2	C03536	C03537
4.76	35	10	30	70	2	C00771	C00772
5	35	10	30	70	2	C01811	C01812
5.1	35	10	30	70	2	C01893	C01894
5.2	35	10	30	70	2	C00834	C00835
5.55	35	10	30	70	2	C00773	C00774
6	35	10	30	70	2	C01895	C01896
6.35	35	10	30	70	2	C01897	C01898
6.5	35	10	30	70	2	C01899	C01900
7	35	10	30	70	2	C01901	C01902
8	35	10	30	70	2	C01505	C01506
8.2	35	10	30	70	2	C00870	C00871
9	35	10	30	70	2	C01903	C01904
9.52	35	10	30	70	2	C01905	C01906
10	35	10	30	70	2	C01907	C01908
11	35	10	30	70	2	C01909	C01910
11.1	35	10	30	70	2	C01911	C01912
12	35	10	30	70	2	C01913	C01914
12.7	35	10	30	70	2	C01915	C01916
13	35	10	30	70	2	C01917	C01918
14	35	10	30	70	2	C01919	C01920
15	35	10	30	70	2	C01921	C01922
16	35	10	30	70	2	C01923	C01924

2 spiral flutes boring bit for blind holes

L. 77

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

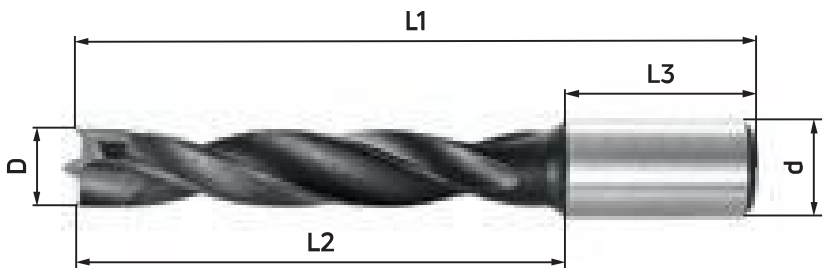
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	44	10	30	77	2	C00632	C01564
6	44	10	30	77	2	C01565	C01566
7	44	10	30	77	2	C01567	C01568
8	44	10	30	77	2	C01569	C01570
10	44	10	30	77	2	C01571	C01572
12	44	10	30	77	2	C01573	C01574

4 spiral flutes boring bit for blind holes

L. 57.5

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
4 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

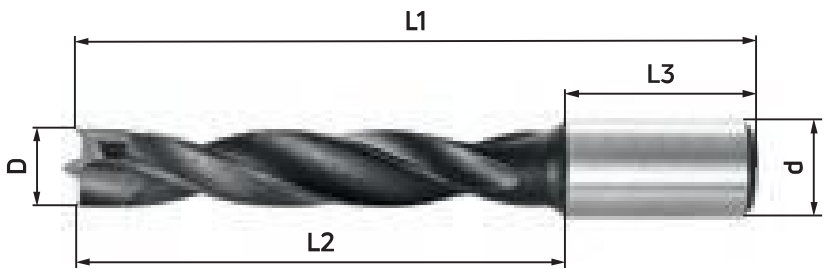
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
4	26	10	20	57.5	2	C00200	C00201
5	30	10	20	57.5	2	C00202	C00203
6	30	10	20	57.5	2	C00204	C00205
6.35	30	10	20	57.5	2	C00206	C00207
7	30	10	20	57.5	2	C00208	C00209
8	30	10	20	57.5	2	C00210	C00211
9	30	10	20	57.5	2	C00212	C00213
9.52	30	10	20	57.5	2	C00214	C00215
10	30	10	20	57.5	2	C00216	C00217
11	30	10	20	57.5	2	C00218	C00219
12	30	10	20	57.5	2	C00220	C00221
12.7	30	10	20	57.5	2	C00222	C00223
13	30	10	20	57.5	2	C00812	C00813
14	30	10	20	57.5	2	C00224	C00225
15	30	10	20	57.5	2	C00226	C00227
16	30	10	20	57.5	2	C00814	C00815

4 spiral flutes boring bit for blind holes

L. 70

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
4 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

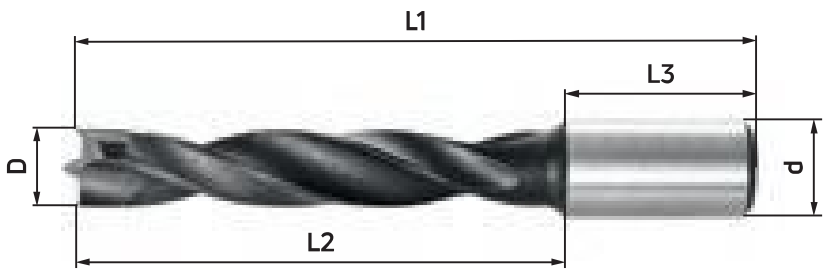
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
4	43	10	20	70	2	C00228	C00229
5	43	10	20	70	2	C00230	C00231
6	43	10	20	70	2	C00232	C00233
6.35	43	10	20	70	2	C00234	C00235
7	43	10	20	70	2	C00236	C00237
7.5	43	10	20	70	2	C00238	C00239
8	43	10	20	70	2	C00240	C00241
9	43	10	20	70	2	C00242	C00243
9.52	43	10	20	70	2	C00244	C00245
10	43	10	20	70	2	C00246	C00247
11	43	10	20	70	2	C00712	C00713
12	43	10	20	70	2	C00248	C00249
12.7	43	10	20	70	2	C00250	C00251
13	43	10	20	70	2	C01637	C01638
14	43	10	20	70	2	C00710	C00711
15	43	10	20	70	2	C00252	C00253
16	43	10	20	70	2	C01040	C01041

4 spiral flutes boring bit for blind holes

L. 85

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
4 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For blind holes.

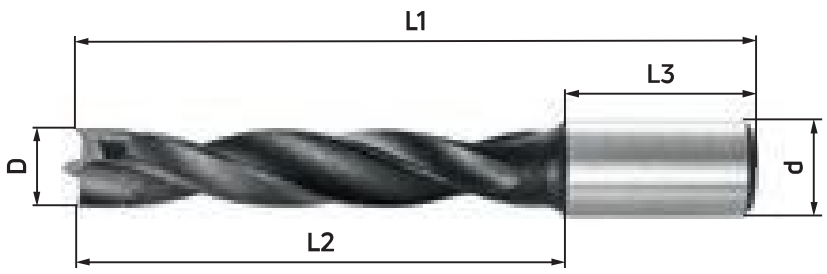
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	50	10	27	85	2	C00659	C00660
6	50	10	27	85	2	C00661	C00662
7	50	10	27	85	2	C03563	C03564
8	50	10	27	85	2	C00663	C00664
10	50	10	27	85	2	C00665	C00666
12	50	10	27	85	2	C00667	C00668

4 spiral flutes boring bit for blind holes

L. 105

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
4 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

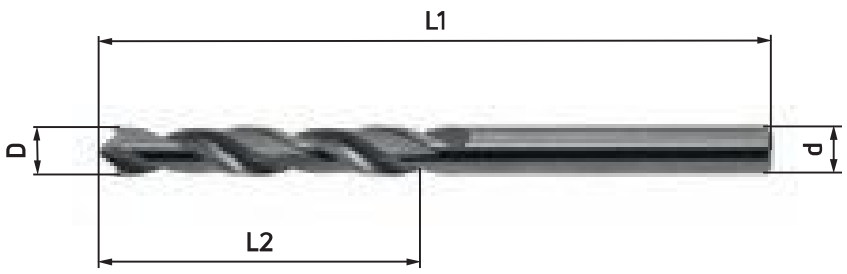
For blind holes.

D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	65	10	30	105	2	C03524	C03525
6	65	10	30	105	2	C03526	C03527
7	65	10	30	105	2	C04301	C04302
8	65	10	30	105	2	C03528	C03529
10	65	10	30	105	2	C03530	C03531
12	65	10	30	105	2	C03532	C03533

Helical boring bit for small blind holes Z=2

HWM

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

2 cutting edges.

2 spiral flutes.

NOTES

For blind holes.

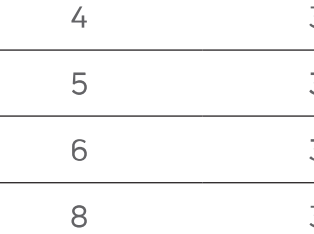
D (mm)	L2 (mm)	d (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
2.5	27	2.5	55	2	C03111	C03112
3	27	3	55	2	C03113	C03114
4	27	4	55	2	C03115	C03116
5	28	5	60	2	C03117	C03118

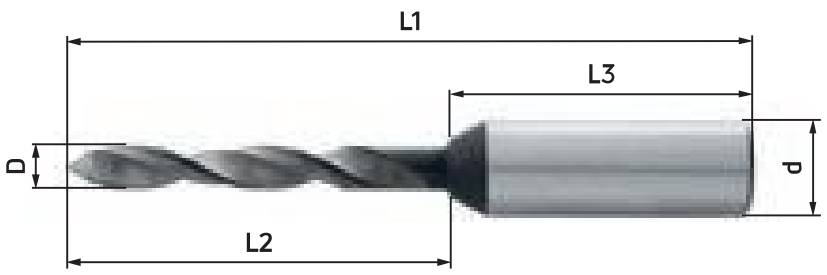
Boring bit for through holes

L. 70

HWM

MEC





MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

Helical body in HWM.

2 double angle cutting edges.

2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 20-30 mm

D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
3	27	10	30	70	2	C04043	C04044
4	35	10	26	70	2	C02783	C02784
5	35	10	26	70	2	C00822	C00823
6	35	10	26	70	2	C03773	C03774
8	35	10	26	70	2	C03775	C03776
10	35	10	27	70	2	C05411	C05412

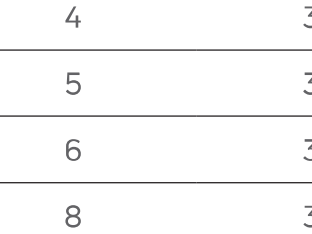
Boring bit for through holes

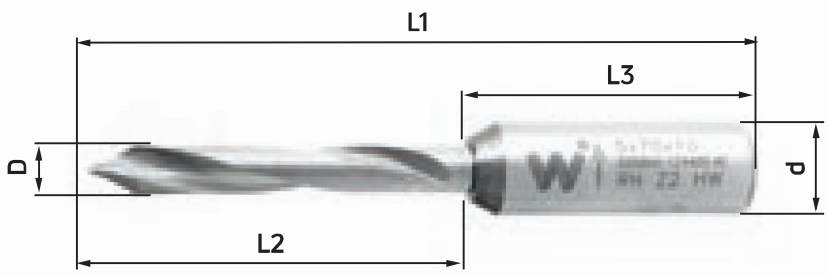
L. 70

W-Plus technology

HWM

MEC





MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites
and laminated materials.

DESIGN

Helical body in HWM.

2 double angle cutting edges.

2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 20-30 mm

W-Plus is the innovative Wirutex technology applied during the tool design phase.
It guarantees:
longer tool life
optimum finish
very high number of holes.

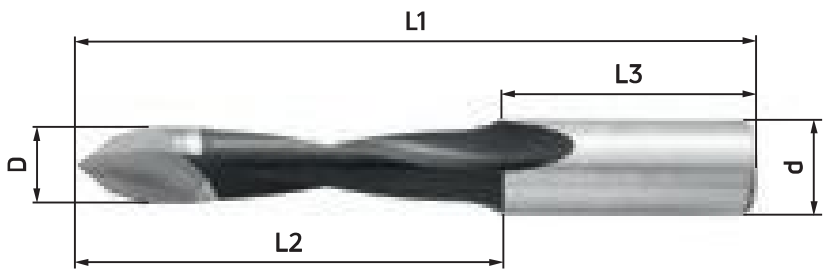
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
3	27	10	30	70	2	S15670	S15671
4	35	10	26	70	2	S15672	S15673
5	35	10	26	70	2	S15674	S15675
6	35	10	26	70	2	S15676	S15677
8	35	10	26	70	2	S15678	S15679
10	35	10	27	70	2	S15680	S15681

Boring bit with double clearance angle for through holes

L. 57.5

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HW head.

2 double angle cutting edges in HW.

2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 20 mm

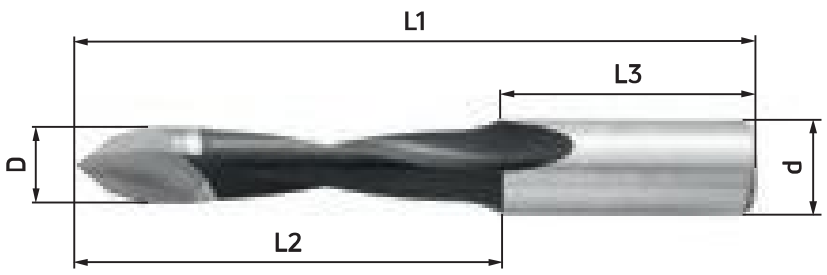
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	27	10	26	57.5	2	C02742	C02743
8	27	10	26	57.5	2	C02744	C02745

Boring bit with double clearance angle for through holes

L. 70

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HW head.

2 double angle cutting edges in HW.

2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 25 - 30 mm

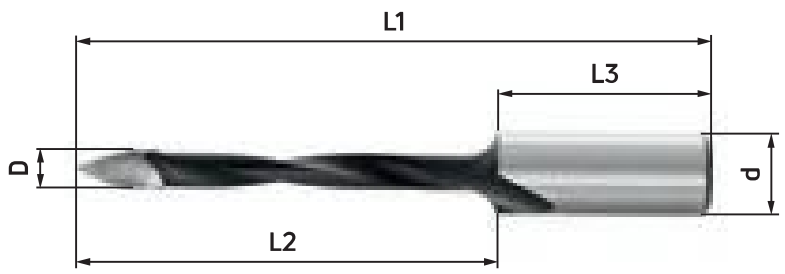
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	35	10	26	70	2	C02669	C02670
6	35	10	26	70	2	C04175	C04176
7	35	10	26	70	2	C04177	C04178
8	35	10	26	70	2	C01837	C01838
10	35	10	26	70	2	C04179	C04180

2 spiral flutes boring bit for through holes

L. 57.5

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

2 cutting edges in HW.

2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 20 mm

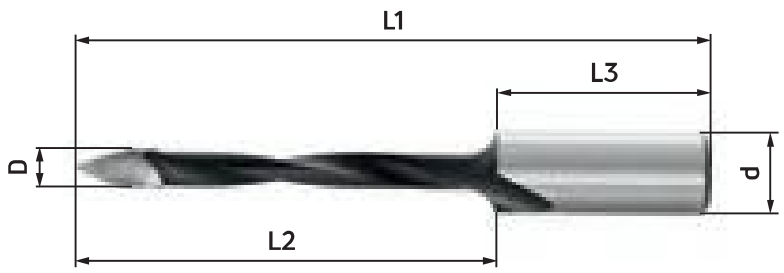
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	27	10	26	57.5	2	C00254	C00255
6	27	10	26	57.5	2	C00256	C00257
8	27	10	26	57.5	2	C00258	C00259
10	27	10	26	57.5	2	C00260	C00261

2 spiral flutes boring bit for through holes

L. 70

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

2 cutting edges in HW.

2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 25 -30 mm

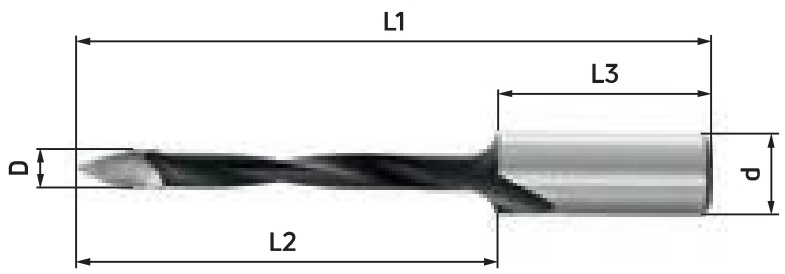
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
4	30	10	26	70	2	C00701	C00702
4.76	35	10	26	70	2	C01959	C01960
5	35	10	26	70	2	C00001	C00002
5.55	35	10	26	70	2	C00703	C00704
6	35	10	26	70	2	C00019	C00020
6.35	35	10	26	70	2	C01062	C01063
7	35	10	26	70	2	C00021	C00022
8	35	10	26	70	2	C00023	C00024
9	35	10	26	70	2	C00025	C00026
9.52	35	10	26	70	2	C01961	C01962
10	35	10	26	70	2	C00027	C00028
12	35	10	26	70	2	C00029	C00030

2 spiral flutes boring bit for through holes

L. 77

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

2 cutting edges in HW.

2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 30-40 mm

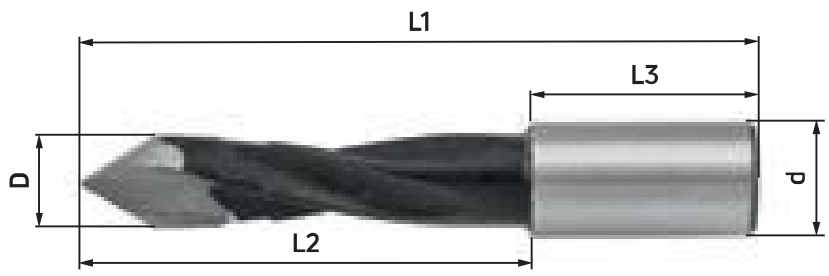
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	44	10	26	77	2	C00375	C00376
6	44	10	26	77	2	C01093	C01094
8	44	10	26	77	2	C00377	C00378
10	44	10	26	77	2	C00379	C00380
12	44	10	26	77	2	C01965	C01966

4 spiral flutes boring bit for through holes

L. 57.5

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

2 cutting edges in HW.

4 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

Max workpiece thickness: 20-25 mm

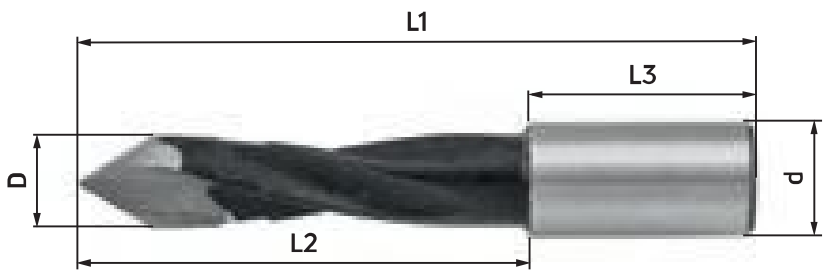
D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	30	10	20	57.5	2	C00446	C00447
8	30	10	20	57.5	2	C00448	C00449

4 spiral flutes boring bit for through holes

L. 70

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head.

2 cutting edges in HW.

4 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For through holes.

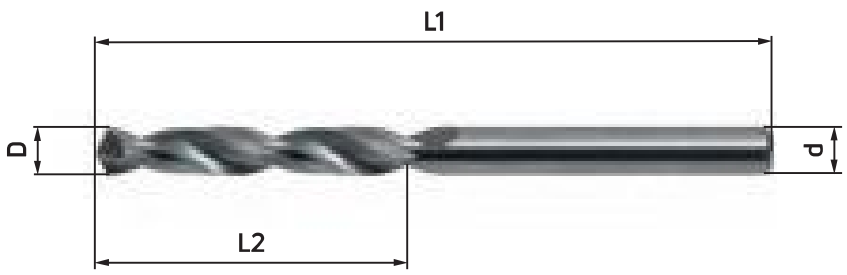
Max workpiece thickness: 30-35 mm

D (mm)	L2 (mm)	d (mm)	L3 (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	40	10	20	70	2	C00442	C00443
6	40	10	20	70	2	C01599	C01600
7	40	10	20	70	2	C01453	C01454
8	40	10	20	70	2	C00444	C00445
10	40	10	20	70	2	C01601	C01602

Helical boring bit for small through holes Z=2

HWM

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

2 cutting edges in HWM.

2 spiral flutes.

NOTES

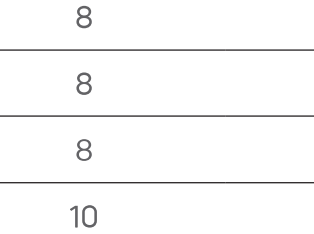
For through holes.

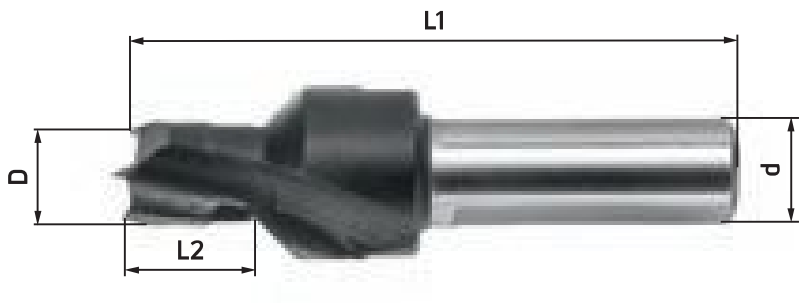
D (mm)	L2 (mm)	d (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
2	25	2	50	2	C01050	C01051
2.5	27	2.5	55	2	C00669	C00670
3	27	3	55	2	C00344	C00345
3.2	27	3.2	55	2	C01950	C01951
3.5	27	3.5	55	2	C01644	C01645
4	27	4	55	2	C00564	C00565
4.5	28	4.5	60	2	C01055	C01056
5	28	5	60	2	C00428	C00429

Boring bit with countersink for blind holes

HW

MEC





MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood and wood composites, laminated and plastic materials.

DESIGN

HWM head.

Centering point.

2 cutting edges in HW.
2 negative sharpening ground spurs.
2 spiral flutes.

Parallel shank with driving flat and adjusting screw.

NOTES

For boring and countersinking.

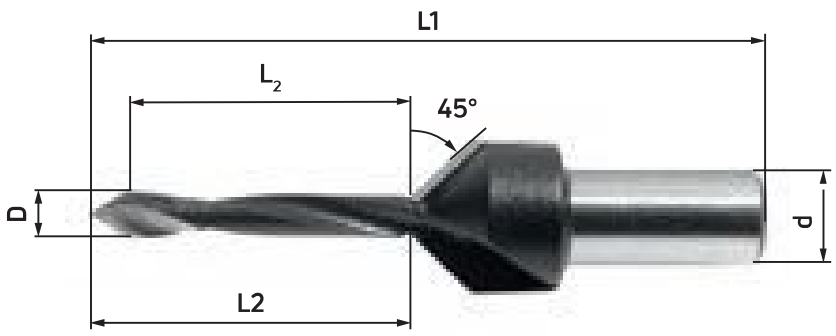
D (mm)	L2 (mm)	d (mm)	L1 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
8	12	10	57.5	2+2	C02412	C02413
8	13	10	57.5	2+2	C04097	C04098
8	15	10	57.5	2+2	C02414	C02415
8	20	10	57.5	2+2	C02393	C02394
10	12	10	57.5	2+2	C02416	C02417
10	13	10	57.5	2+2	C04411	C04412
10	15	10	57.5	2+2	C02395	C02396
10	20	10	57.5	2+2	C02418	C02419
8	12	10	70	2+2	C02420	C02421
8	13	10	70	2+2	C04243	C04244
8	15	10	70	2+2	C02422	C02423
8	20	10	70	2+2	C02424	C02425
10	12	10	70	2+2	C02426	C02427
10	13	10	70	2+2	C04245	C04246
10	15	10	70	2+2	C02428	C02429
10	20	10	70	2+2	C02430	C02431

Boring bit with countersink for through holes

L. 70

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood and wood composites, laminated and plastic materials.

DESIGN

HW centering point.
2 cutting edges in HW.
2 negative sharpening ground spurs.
2 spiral flutes.

Parallel shank with driving flat and screw.

NOTES

For through holes.

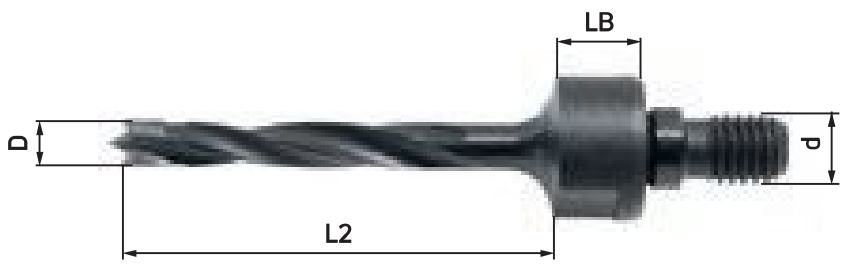
For boring and countersinking.

D (mm)	L2 (mm)	d (mm)	L1 (mm)	L_2 (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	35	10	70	31	2	C05258	C05259
7	35	10	70	29.5	2	C05260	C05261
8	35	10	70	29	2	C05262	C05263
10	35	10	70	26.5	2	C05264	C05265

Boring bit with threaded shank for blind holes

HW

MEC



MACHINES / APPLICATIONS

Boring machines.

Machining operations on solid wood, wood composites and laminated materials.

DESIGN

HWM head - Centering point.

2 cutting edges in HW.
2 ground spurs.
4 spiral flutes.

NOTES

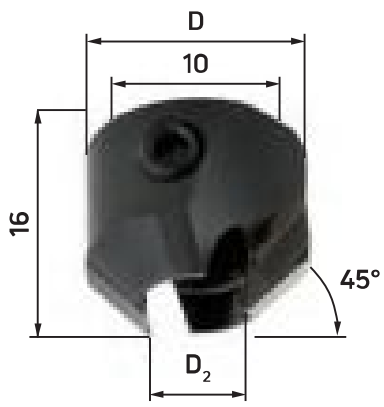
For blind holes.

D (mm)	L2 (mm)	LB (mm)	d (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5	30	45	M10/11x4	2	C00736	C00737
6	30	45	M10/11x4	2	C00738	C00739
8	30	45	M10/11x4	2	C00740	C00741
10	30	45	M10/11x4	2	C00742	C00743
12	30	45	M10/11x4	2	C00744	C00745
5	40	55	M10/11x4	2	C00746	C00747
6	40	55	M10/11x4	2	C00748	C00749
8	40	55	M10/11x4	2	C00750	C00751
10	40	55	M10/11x4	2	C00752	C00753
12	40	55	M10/11x4	2	C00754	C00755
5	50	65	M10/11x4	2	C00756	C00757
6	50	65	M10/11x4	2	C00758	C00759
8	50	65	M10/11x4	2	C00760	C00761
10	50	65	M10/11x4	2	C00762	C00763
12	50	65	M10/11x4	2	C00764	C00765

Countersink for helical boring bits

HW

MEC



MACHINES / APPLICATIONS

For chamfering - planing holes in solid wood, wood composites and laminated materials.

DESIGN

2 cutting edges in HW.

NOTES

To be installed on the shank of the boring bit.

To be used with the boring bits listed on pages:
14 -15- 16- 17 - 25 - 26 - 27 - 28 - 29

D2 (mm)	D (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
5 ÷ 10	20	2	C01064	C01065
11 ÷ 12	22	2	C01066	C01067

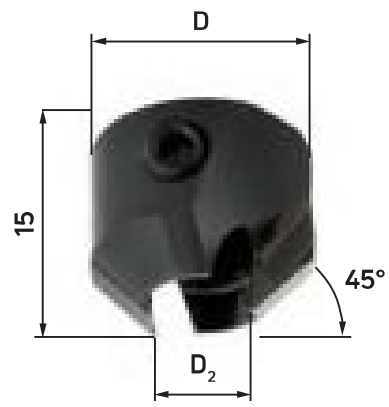
SPARE PARTS

Description	Id-No.
STEI screws (grub) M5X5	C04377
Hex wrench mm 2.5	C04704

Countersink for helical boring bits

HW

MEC



MACHINES / APPLICATIONS

For chamfering - planing holes in solid wood, wood composites and laminated materials.

DESIGN

2 cutting edges in HW.

NOTES

To be installed on the spiral head of the boring bit.

To be used with the boring bits listed pp.: 18 - 19 - 20 - 21 - 30 - 31

D2 (mm)	D (mm)	Z	Id-No. (Rh)	Id-No. (Lh)
4	16	2	C00300	C00301
5	16	2	C00302	C00303
6	16	2	C00304	C00305
7	16	2	C00306	C00307
8	18	2	C00308	C00309
9	18	2	C00310	C00311
10	20	2	C00312	C00313
12	20	2	C00314	C00315

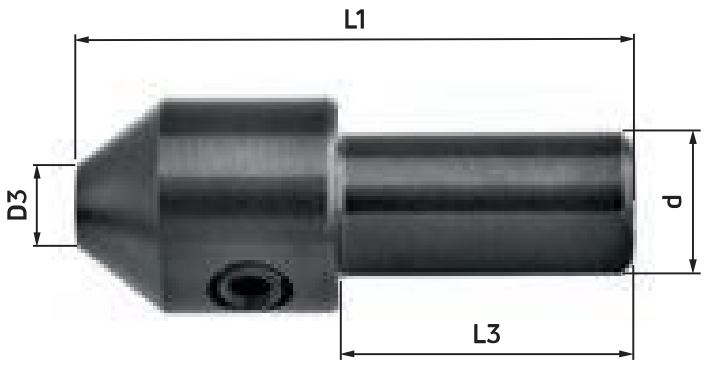
SPARE PARTS

Description	Id-No.
STEI screws (grub) M5X5	C05674
Hex wrench mm 2.5	C04704

Chuck for helical boring bits

for small holes

MEC



MACHINES / APPLICATIONS

For boring machines.

DESIGN

Driving flat.

NOTES

Use with helical boring bits with a shank with the same diameter as the chuck hole (D3).

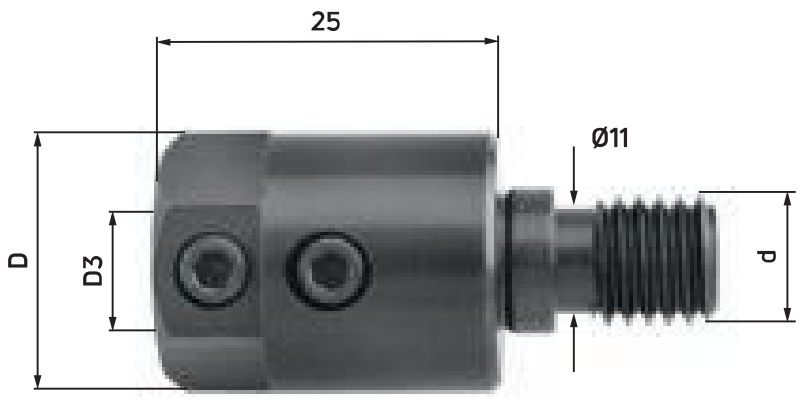
D3 (mm)	d (mm)	L3 (mm)	L1 (mm)	Id-No.
2	10	20	38	C01104
2.5	10	20	38	C00671
3	10	20	38	C00346
3.2	10	20	38	C01952
3.5	10	20	38	C01953
4	10	20	38	C00672
4.5	10	20	38	C01954
5	10	20	38	C01955

SPARE PARTS

Description	Id-No.
STEI screws (grub) M5X5	C04377
Hex wrench mm 2.5	C04704

Chuck

MEC



MACHINES / APPLICATIONS

For boring machines.

Can be adapted to the following machines:
Masterwood (Zangheri & Baschetti),
Morbidelli, Torwegge, Vitap, Weeke.

DESIGN

-

NOTES

Use with helical boring bits with a shank with the same diameter as the chuck hole (D3).

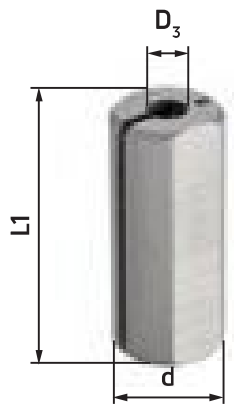
D3 (mm)	D (mm)	d	Id-No. (Rh)	Id-No. (Lh)
8	16	M10	C03065	C03066
10	19.5	M10	C00426	C00427

SPARE PARTS

Description	Id-No.
STEI screws (grub) M5X5	C04377
Hex wrench mm 2.5	C04704

Bushing for helical boring bits

MEC



MACHINES / APPLICATIONS

To be inserted on chucks or adapters on boring machines.

DESIGN

Driving flat.

NOTES

Use with helical boring bits with a shank with the same diameter as the bushing hole (D3).

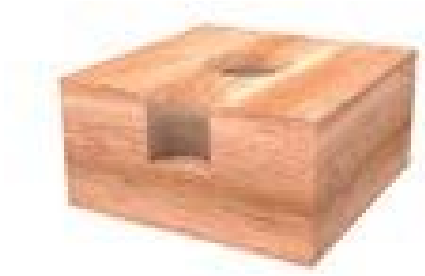
D3 (mm)	d (mm)	L1 (mm)	Id-No.
2	10	23	C01052
2.5	10	23	C01956
3	10	23	C00441
3.2	10	23	C01957
3.5	10	23	C01958
4	10	23	C00566
4.5	10	23	C01057
5	10	23	C00567

List of symbols

Hinge pockets

Blind hole

Through hole



Blind hole with countersink

Through hole with countersink

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