

# **Catalogue**

*Innovation is our impetus*

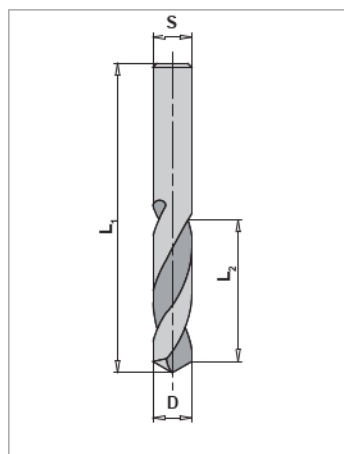


**The detail makes the difference**  
Latest technology for highest precision.

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## Solid carbide spiral drills with inverted V tip

Continuously cylindrical



**50070**

### APPLICATION:

Can be applied for chip board, MDF, plastic material and aluminium.

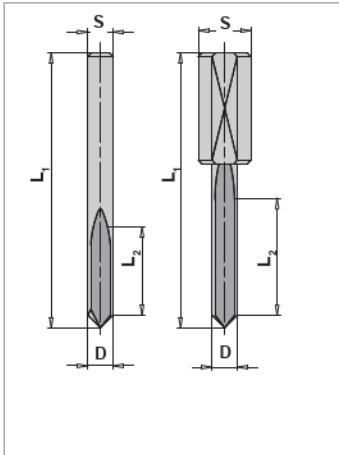
Used in drill holders (see page 256).

### DESIGN:

Solid carbide. Inverted V tips. Continuously cylindrical.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
2,5	14	43	2	rhs	10005248
3,0	16	46	3	rhs	10005250
3,0	27	46	3	lhs	10005251
3,0	27	46	3	rhs	10005252
3,5	30	52	3	lhs	10005253
3,5	20	52	3	rhs	10005254
4,0	32	55	4	lhs	10005255
4,0	22	55	4	rhs	10005256

## Solid carbide drill pins



**59900**

**APPLICATION:**

For blind holes in abrasive materials and dry solid wood. Applied in adapters with cylindrical shank (see page 257) or with fixed 10 mm shank, with clamping surface and adjusting screw. Suitable for RH and LH rotation.

**DESIGN:**

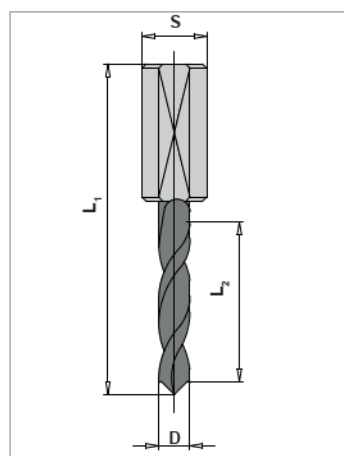
Solid carbide, inverted V tips, chip groove axially parallel.

\*continuously cylindrical design

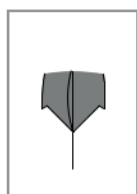
	D mm	L2 mm	L1 mm	Shank mm	Order No.
	2,5	15	70,0	10x33	40015741
*	3,0	15	45,0	3	10002045
*	3,0	23	48,0	3	10040539
	3,0	15	57,5	10x33	40015742
	3,0	23	70,0	10x33	40015743

## Solid carbide Extreme dowel drill with round spurs

10 mm cylindrical shank



**51010**



Rigid centre point due to acute angle and reinforced spur result in a longer tool service life.

### APPLICATION:

Applied in chucks, reducing sleeves etc., on dowel drilling machines and CNC machines. Used for drilling blind holes in solid wood, wood-based material etc. including coated material.

**Very good hole edge quality and long tool life even in difficult wooden materials.**

### DESIGN:

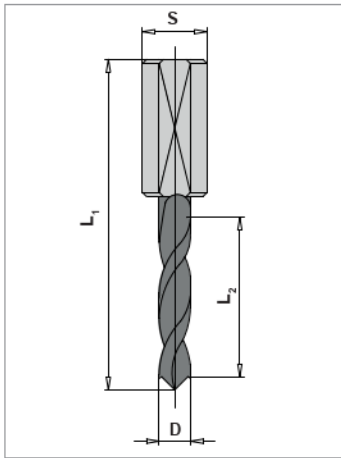
Solid carbide spiral design with centre point, formed by means of an acute angle, including two negatively ground, reinforced spurs. Enlarged chip grooves. Cylindrical shank with clamping surface and depth adjustment screw.

**HW micro grain.**

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
3	18	57,5	10x25	rhs	10022593
3	18	57,5	10x25	lhs	10022594
3	18	70,0	10x38	rhs	10159604
3	18	70,0	10x38	lhs	10159597
4	20	57,5	10x25	lhs	10175553
4	20	57,5	10x25	rhs	10178313
4	27	70,0	10x30	lhs	10188241
4	27	70,0	10x30	rhs	10188240
5	22	57,5	10x27	lhs	10175745
5	22	57,5	10x27	rhs	10175744
5	30	70,0	10x28	lhs	10168276
5	30	70,0	10x28	rhs	10168272
6	22	57,5	10x25	lhs	10022599
6	22	57,5	10x25	rhs	10022597
6	30	70,0	10x29	lhs	10022606
6	30	70,0	10x29	rhs	10022604
8	22	57,5	10x25	lhs	10178314
8	22	57,5	10x25	rhs	10178315
8	35	70,0	10x22	lhs	10134198
8	35	70,0	10x22	rhs	10134199
10	35	70,0	10x20	lhs	10107588
10	35	70,0	10x20	rhs	10107586

## Solid carbide dowel drill with flat point

10 x 33 mm cylindrical shank



**51010**

**APPLICATION:**

Applied in chucks, reducing sleeves etc., on dowel drilling machines and CNC machines. Used for drilling blind holes in solid wood, wood-based material etc. including coated material.

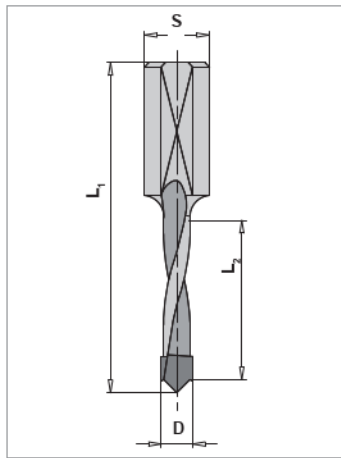
**DESIGN:**

Solid carbide spiral design with centre point, formed by means of an acute angle, including two negatively ground, reinforced spurs. Enlarged chip grooves. Cylindric shank with clamping surface and depth adjustment screw.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
3,0	16	57,5	10x33	lhs	40015834
3,0	16	57,5	10x33	rhs	40015835
3,0	27	70,0	10x33	lhs	40015836
3,0	27	70,0	10x33	rhs	40015837

# HW Extreme dowel drill with round spurs

10 mm cylindrical shank



**APPLICATION:**

Applied in chucks, reducing sleeves etc., on dowel drilling machines and CNC machines. Used for drilling blind holes in solid wood, wood-based material etc. including coated material.

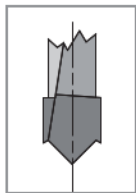
**Very good hole edge quality and long tool life even in difficult wooden materials.**

**DESIGN:**

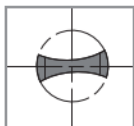
Carbide cutting head with centre point, formed by means of an acute angle and two negatively ground spurs. Enlarged chip grooves. Spiral part plastic coated. Cylindrical shank with clamping surface and depth adjustment screw.

**HW micro grain**

**51010**



Rigid centre point due to acute angle and reinforced spur result in a longer tool service life.

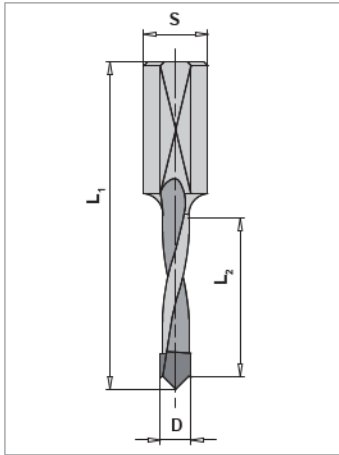


Enlarged chip grooves. The thinner core of the centre point area reduces the feed force and improves the chip removal.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
5	27	57,5	10x27	lhs	10191688
5	27	57,5	10x27	rhs	10191690
5	35	70,0	10x30	lhs	10137124
5	35	70,0	10x30	rhs	10136222
6	27	57,5	10x27	lhs	10191692
6	27	57,5	10x27	rhs	10191693
6	35	70,0	10x30	lhs	10189593
6	35	70,0	10x30	rhs	10189592
8	27	57,5	10x27	lhs	10191694
8	27	57,5	10x27	rhs	10191695
8	35	70,0	10x30	lhs	10136225
8	35	70,0	10x30	rhs	10136224
10	27	57,5	10x27	lhs	10191697
10	27	57,5	10x27	rhs	10174771
10	35	70,0	10x30	lhs	10158020
10	35	70,0	10x30	rhs	10158019

# HW dowel drill with flat point

10 mm cylindrical shank



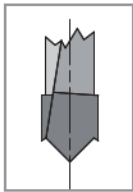
**APPLICATION:**

Applied in chucks, reducing sleeves etc., on dowel drilling machines and CNC machines. Used for drilling blind holes in solid wood, wood-based material etc. including coated material.

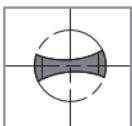
**DESIGN:**

Carbide cutting head with centre point, formed by means of an acute angle and two negatively ground spurs. Enlarged chip grooves. Spiral part plastic coated. Cylindrical shank with clamping surface and depth adjustment screw.

**51010**



Rigid centre point due to acute angle and reinforced spur result in a longer tool service life.



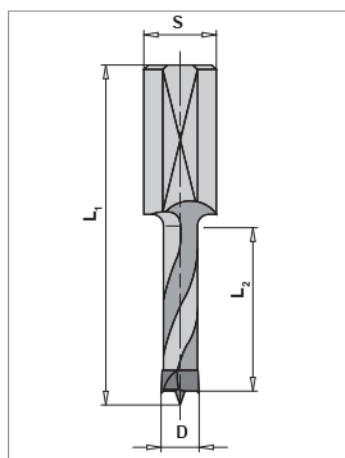
Enlarged chip grooves. The thinner core of the centre point area reduces the feed force and improves the chip removal.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
5	27	57,5	10x27	lhs	10014787
5	27	57,5	10x27	rhs	10014785
5	35	70,0	10x30	lhs	10013816
5	35	70,0	10x30	rhs	10013815
6	35	70,0	10x30	lhs	10023156
6	35	70,0	10x30	rhs	10023361
7	35	70,0	10x30	lhs	40013463
7	35	70,0	10x30	rhs	40013464
8	27	57,5	10x27	lhs	10017150
8	27	57,5	10x27	rhs	10015994
8	35	70,0	10x30	lhs	40010458
8	35	70,0	10x30	rhs	10018798
8	42	77,0	10x30	lhs	40013465
8	42	77,0	10x30	rhs	40013466
10	35	70,0	10x30	lhs	10028115
10	35	70,0	10x30	rhs	10028114

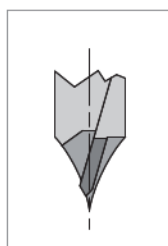


## HW dowel drill with centre point

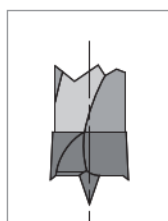
Without back guidance, 10 mm cylindrical shank



**51010**



Negatively ground spurs for improved edge quality of the bore hole and longer tool service life.



Enlarged back clearance angle for reduced strain and improved chip ejection.

### APPLICATION:

Applied in chucks, reducing sleeves etc., on dowel drilling machines. Used for drilling blind holes in solid wood, wood-based material etc., including coated material.

### DESIGN:

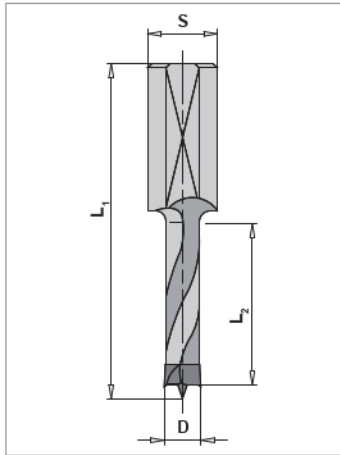
Carbide cutting head with centre point, two knives and negatively ground spurs. Enlarged back clearance angle. Spiral part plastic coated. Cylindrical shank with clamping surface and depth adjustment screw.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
4,0	35	70,0	10x30	lhs	10022478
4,0	35	70,0	10x30	rhs	10022477
4,5	35	70,0	10x30	lhs	10174590
4,5	35	70,0	10x30	rhs	10174592
5,0	27	57,5	10x27	lhs	10022438
5,0	27	57,5	10x27	rhs	10022437
5,0	35	70,0	10x30	lhs	10022480
5,0	35	70,0	10x30	rhs	10022479
5,0	42	77,0	10x30	lhs	10022515
5,0	42	77,0	10x30	rhs	10022512
5,1	27	57,5	10x27	rhs	10022439
5,1	27	57,5	10x27	lhs	10022440
5,2	27	57,5	10x27	lhs	10022442
5,2	27	57,5	10x27	rhs	10022441
5,5	35	70,0	10x30	lhs	40012741
5,5	35	70,0	10x30	rhs	40012740
6,0	27	57,5	10x27	lhs	10022444
6,0	27	57,5	10x27	rhs	10022443
6,0	35	70,0	10x30	lhs	10022482
6,0	35	70,0	10x30	rhs	10022481
6,0	44	77,0	10x33	lhs	10022521
6,0	44	77,0	10x33	rhs	10022518
6,5	35	70,0	10x30	lhs	10174609
6,5	35	70,0	10x30	rhs	10174607
7,0	27	57,5	10x27	lhs	10022448
7,0	27	57,5	10x27	rhs	10022447
7,0	35	70,0	10x30	lhs	10022486
7,0	35	70,0	10x30	rhs	10022485

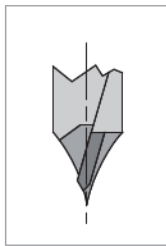
Continued next page.

# HW dowel drill with centre point

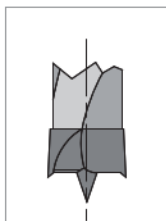
Without back guidance, 10 mm cylindrical shank



**51010**



Negatively ground spurs for improved edge quality of the bore hole and longer tool service life.



Enlarged back clearance angle for reduced strain and improved chip ejection.

**APPLICATION:**

Applied in chucks, reducing sleeves etc., on dowel drilling machines. Used for drilling blind holes in solid wood, wood-based material etc., including coated material.

**DESIGN:**

Carbide cutting head with centre point, two knives and negatively ground spurs. Enlarged back clearance angle. Spiral part plastic coated. Cylindrical shank with clamping surface and depth adjustment screw.

Continued from the previous page

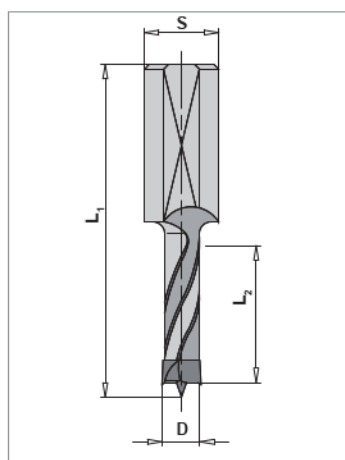
D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
8,0	27	57,5	10x27	lhs	10022450
8,0	27	57,5	10x27	rhs	10022449
8,0	35	70,0	10x30	lhs	10022491
8,0	35	70,0	10x30	rhs	10022487
8,0	44	77,0	10x30	lhs	10022529
8,0	44	77,0	10x30	rhs	10022525
8,2	35	70,0	10x30	lhs	10024203
8,2	35	70,0	10x30	rhs	10024202
9,0	27	57,5	10x27	lhs	10022455
9,0	27	57,5	10x27	rhs	10022453
9,0	35	70,0	10x30	lhs	10022497
9,0	35	70,0	10x30	rhs	10022494
10,0	27	57,5	10x27	lhs	10022469
10,0	27	57,5	10x27	rhs	10022468
10,0	35	70,0	10x30	lhs	10022501
10,0	35	70,0	10x30	rhs	10022500
10,0	44	77,0	10x30	lhs	10022536
10,0	44	77,0	10x30	rhs	10022532
11,0	35	70,0	10x30	lhs	10022503
11,0	35	70,0	10x30	rhs	10022502
12,0	35	70,0	10x30	rhs	10022504
12,0	35	70,0	10x30	lhs	10022505
12,0	44	77,0	10x30	lhs	10022543
12,0	44	77,0	10x30	rhs	10022542
12,7	35	70,0	10x30	lhs	10022507
12,7	35	70,0	10x30	rhs	10022506

**Spare parts**

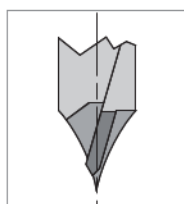
Denomination	Dimension mm	Order No.
Adjustment screw	M5 x 10	10174969

## HW dowel drill with centre point

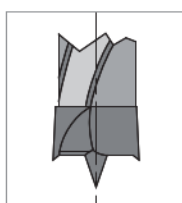
With back guidance, 8 x 20 mm cylindrical shank



**51010**



Negatively ground spurs for improved edge quality of the bore hole and longer tool service life.



Enlarged back clearance angle for reduced strain and improved chip ejection.

### APPLICATION:

Applied in chucks, reducing sleeves etc., on dowel drilling machines. Used for drilling blind holes in solid wood, wood-based material etc., including coated material.

### DESIGN:

Carbide cutting head with centre point, two knives and negatively ground spurs. Enlarged back clearance angle. Spiral part plastic coated, with back guidance. Cylindrical shank with clamping surface and depth adjustment screw.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
5	30	55,5	8x20	lhs	10022555
5	30	55,5	8x20	rhs	10022554
6	30	55,5	8x20	lhs	10022557
6	30	55,5	8x20	rhs	10022556
6	40	67,0	8x20	lhs	10022574
6	40	67,0	8x20	rhs	10022572
7	30	55,5	8x20	lhs	10022559
7	30	55,5	8x20	rhs	10022558
7	40	67,0	8x20	lhs	10022576
7	40	67,0	8x20	rhs	10022575
8	30	55,5	8x20	lhs	10022561
8	30	55,5	8x20	rhs	10022560
8	40	67,0	8x20	lhs	10022578
8	40	67,0	8x20	rhs	10022577
9	30	55,5	8x20	lhs	10022563
9	30	55,5	8x20	rhs	10022562
10	30	55,5	8x20	lhs	10022565
10	30	55,5	8x20	rhs	10022564
10	40	67,0	8x20	lhs	10022582
10	40	67,0	8x20	rhs	10022581

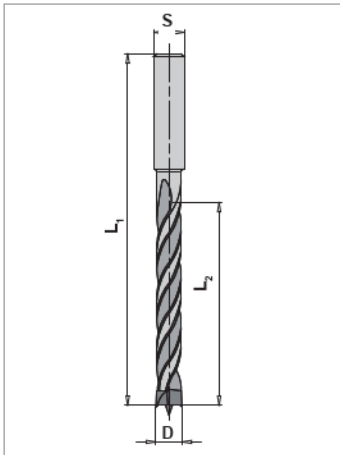
Due to the back guidance (guide chamfer) centring of the return stroke is improved and the counterbore can be fixed steplessly on the drill spiral.

### Spare parts

Denomination	Dimension mm	Order No.
Adjustment screw	M5 x 8	10006037

## HW dowel drill with centre point

With back guidance, 10 mm cylindrical shank, long design



**51010**

**APPLICATION:**

Applied in chucks, reducing sleeves etc. on dowel drilling machines. Used for drilling blind holes in soft wood and hard wood.

**DESIGN:**

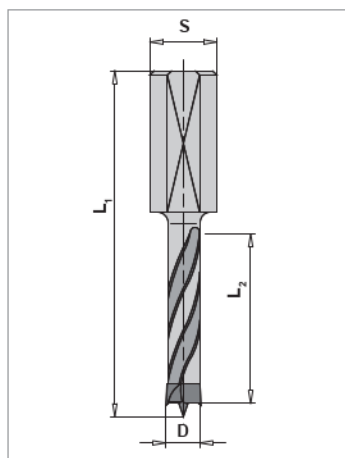
Carbide cutting head with centre point, two knives and negatively ground spurs. Enlarged back clearance angle. Spiral part plastic coated, with back guidance. Cylindrical shank with clamping surface, without depth adjustment screw.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
5	50	85	10x27	lhs	10022677
5	50	85	10x27	rhs	10022675
5	65	105	10x30	rhs	10174612
6	50	85	10x27	lhs	10022682
6	50	85	10x27	rhs	10022679
6	65	105	10x30	rhs	10139590
7	50	85	10x27	rhs	10174617
7	65	105	10x30	rhs	10174619
8	50	85	10x27	lhs	10022685
8	50	85	10x27	rhs	10022684
8	65	105	10x30	lhs	10174620
8	65	105	10x30	rhs	10153639
9	65	105	10x30	rhs	40012564
10	50	85	10x27	lhs	10022687
10	50	85	10x27	rhs	10022686
10	65	105	10x30	rhs	10170670
12	50	85	10x27	rhs	10022688
12	65	105	10x30	rhs	10174625
14	65	105	10x30	lhs	40002197
14	65	105	10x30	rhs	10005373
16	80	110	10x25	rhs	40015823

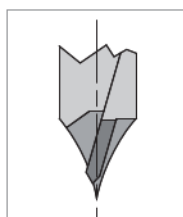
Due to the back guidance (guide chamfer) centring of the return stroke is improved and the counterbore can be fixed steplessly on the neck.

## HW dowel drill with centre point

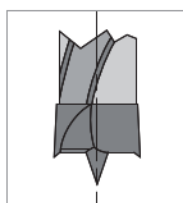
With back guidance, 10 x 20 mm cylindrical shank



**51010**



Negatively ground spurs for improved edge quality of the bore hole and longer tool service life.



Enlarged back clearance angle for reduced strain and improved chip ejection.

### APPLICATION:

Applied in chucks, reducing sleeves etc., on dowel drilling machines. Used for drilling blind holes in solid wood, wood-based material etc., including coated material.

### DESIGN:

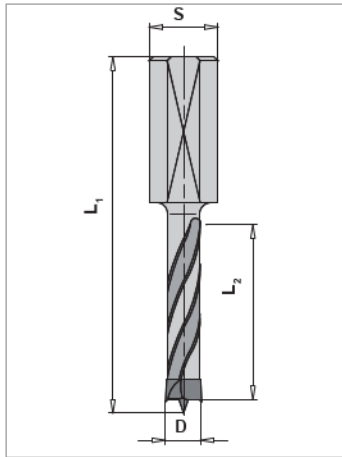
Carbide cutting head with centre point, two knives and negatively ground spurs. Enlarged back clearance angle. Spiral part plastic coated, with back guidance. Cylindrical shank with clamping surface and depth adjustment screw.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
5	30	57,5	10x20	lhs	10021788
5	30	57,5	10x20	rhs	10021787
5	43	70,0	10x20	lhs	10022354
5	43	70,0	10x20	rhs	10022353
5,5	43	70,0	10x20	lhs	40013443
5,5	43	70,0	10x20	rhs	40013444
6	43	70,0	10x20	lhs	10022356
6	43	70,0	10x20	rhs	10022655
8	30	57,5	10x20	lhs	10021790
8	30	57,5	10x20	rhs	10021789
8	43	70,0	10x20	lhs	10022358
8	43	70,0	10x20	rhs	10022357
8,2	43	70,0	10x20	rhs	40015385
9	43	70,0	10x20	lhs	10022360
9	43	70,0	10x20	rhs	10022359
10	30	57,5	10x20	lhs	10022342
10	30	57,5	10x20	rhs	10022341
10	43	70,0	10x20	lhs	10022362
10	43	70,0	10x20	rhs	10022361
12	30	57,5	10x20	rhs	10022343
12	43	70,0	10x20	lhs	10022364
12	43	70,0	10x20	rhs	10022363

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# HW dowel drill with centre point

With back guidance, 10 x 20 mm cylindrical shank



**51010**

**APPLICATION:**

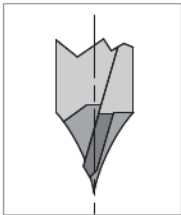
Applied in chucks, reducing sleeves etc., on dowel drilling machines. Used for drilling blind holes in solid wood, wood-based material etc., including coated material.

**DESIGN:**

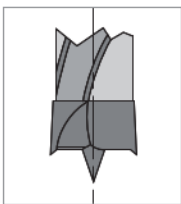
Carbide cutting head with centre point, two knives and negatively ground spurs. Enlarged back clearance angle. Spiral part plastic coated, with back guidance. Cylindrical shank with clamping surface and depth adjustment screw.

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D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
12,2	43	70,0	10x20	rhs	10152344
13	43	70,0	10x20	lhs	10022366
13	43	70,0	10x20	rhs	10022365
14	30	57,5	10x20	rhs	10022653
14	43	70,0	10x20	lhs	10022368
14	43	70,0	10x20	rhs	10022367
15	43	70,0	10x20	lhs	10022370
15	43	70,0	10x20	rhs	10022369
16	43	70,0	10x20	lhs	10022372
16	43	70,0	10x20	rhs	10022371



Negatively ground spurs for improved edge quality of the bore hole and longer tool service life.



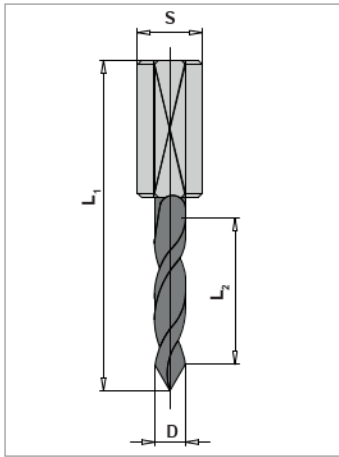
Enlarged back clearance angle for reduced strain and improved chip ejection.

**Spare parts**

Denomination	Dimension mm	Order No.
Adjustment screw	M5 x 10	10174969

## Solid carbide Extreme dowel drill with inverted V tip

For through-holes, 10 mm cylindrical shank



**50010**

### APPLICATION:

Drilling of through-holes in wood-based material on dowel drilling machines.  
(machines, automatic machines, attachments etc.)

### DESIGN:

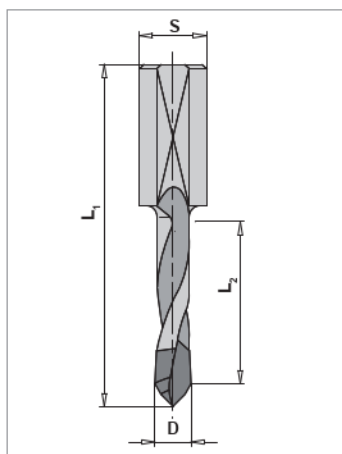
Solid carbide spiral design. Inverted V tip with 60° angle.  
Cylindrical shank with clamping surface and adjustment screw.  
Spiral part plastic coated.  
**Very long tool life.**

n (max) = 12000 rpm.

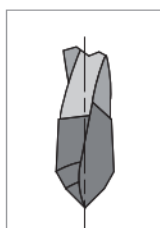
D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
3	27	70,0	10x30	lhs	10176246
3	27	70,0	10x30	rhs	10172460
4	35	70,0	10x25	lhs	10173774
4	35	70,0	10x25	rhs	10101490
5	35	70,0	10x25	lhs	10134201
5	35	70,0	10x25	rhs	10134200
6	35	70,0	10x25	lhs	10191549
6	35	70,0	10x25	rhs	10185921
8	35	70,0	10x25	lhs	10167353
8	35	70,0	10x25	rhs	10167351

## HW dowel drill with inverted V tip

For through holes, 10 x 25 mm cylindrical shank, without back guidance



### 50010


**APPLICATION:**

Drilling of through-holes in wood-based material on dowel drilling machines and CNC machines.

**DESIGN:**

Carbid cutting head, special quality, inverted V tip with double chamfer. Spirale part plastic coated. Cylindrical shank with clamping surface and adjustment screw.  
**Long tool life.**

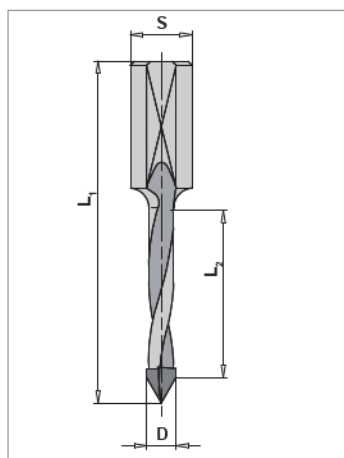
$n$  (max) = 12000 rpm.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
4	35	70,0	10x25	lhs	40012654
4	35	70,0	10x25	rhs	40012653
5	35	70,0	10x25	lhs	10018648
5	35	70,0	10x25	rhs	10016840
6	35	70,0	10x25	lhs	40013491
6	35	70,0	10x25	rhs	40013492
7	35	70,0	10x25	rhs	40013496
8	35	70,0	10x25	rhs	40005865



## HW dowel drill with inverted V tip

For through holes, 10 mm cylindrical shank, without back guidance



**50010**

### APPLICATION:

Drilling of through-holes in wood-based material on dowel drilling machines.  
(machines, automatic machines, attachments etc.)

### DESIGN:

Carbide cutting head, inverted V tip with 60° angle. Cylindrical shank with clamping surface and adjustment screw. Spiral part plastic coated.

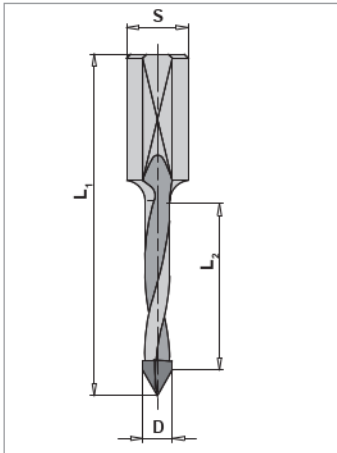
n (max) = 12000 rpm.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
3,0	27	57,5	10x24	lhs	10108731
3,0	27	57,5	10x24	rhs	10108730
3,0	27	70,0	10x33	lhs	40015857
3,0	27	70,0	10x33	rhs	40015858
4,0	35	70,0	10x25	lhs	10027242
4,0	35	70,0	10x25	rhs	10028188
4,5	35	70,0	10x25	lhs	40013478
4,5	35	70,0	10x25	rhs	40010908
5,0	35	70,0	10x25	lhs	10005752
5,0	35	70,0	10x25	rhs	10005753
5,0	45	77,0	10x25	lhs	10005754
5,0	45	77,0	10x25	rhs	10005755
5,1	25	57,5	10x25	rhs	10005757
5,5	35	70,0	10x25	lhs	40013479
5,5	35	70,0	10x25	rhs	40013480
6,0	35	70,0	10x25	lhs	10005760
6,0	35	70,0	10x25	rhs	10005761
6,0	45	77,0	10x25	lhs	10005762
6,0	45	77,0	10x25	rhs	10005763
6,5	35	70,0	10x25	lhs	40013481
6,5	35	70,0	10x25	rhs	40002668
7,0	35	70,0	10x25	lhs	10028035
7,0	35	70,0	10x25	rhs	10028034
7,0	45	77,0	10x25	lhs	40013483
7,0	45	77,0	10x25	rhs	40013484
7,5	35	70,0	10x25	rhs	40013485

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## HW dowel drill with inverted V tip

For through holes, 10 mm cylindrical shank, without back guidance



**50010**

### APPLICATION:

Drilling of through-holes in wood-based material on dowel drilling machines.  
(machines, automatic machines, attachments etc.)

### DESIGN:

Carbide cutting head, inverted V tip with 60° angle. Cylindrical shank with clamping surface and adjustment screw. Spiral part plastic coated.

n (max) = 12000 rpm.

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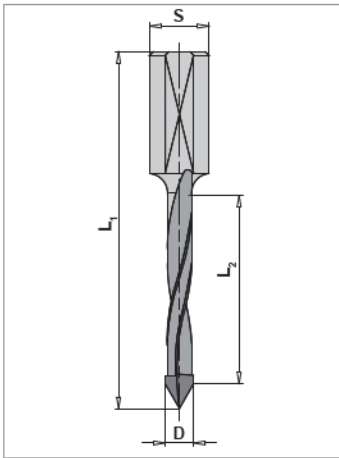
D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
8,0	35	70,0	10x25	lhs	10005766
8,0	35	70,0	10x25	rhs	10005767
8,0	43	77,0	10x25	lhs	10005768
8,0	43	77,0	10x25	rhs	10005769
9,0	35	70,0	10x25	rhs	40012627
9,0	42	77,0	10x25	lhs	40015854
9,0	42	77,0	10x25	rhs	40012339
10,0	35	70,0	10x25	lhs	10028037
10,0	35	70,0	10x25	rhs	10028036
10,0	42	77,0	10x25	lhs	10005770
10,0	42	77,0	10x25	rhs	10005771
11,0	35	70,0	10x25	rhs	40015856
11,0	40	77,0	10x25	lhs	40013486
11,0	40	77,0	10x25	rhs	40013487
12,0	35	70,0	10x25	lhs	10028039
12,0	35	70,0	10x25	rhs	40010461
12,0	40	77,0	10x25	lhs	10005772
12,0	40	77,0	10x25	rhs	10005773

### Spare parts

Denomination	Dimension mm	Order No.
Adjustment screw	M5 x 10	10174969

## HW dowel drill with inverted V tip

For through holes, 10 mm cylindrical shank with back guidance



**50010**

### APPLICATION:

Drilling of through-holes in wood-based material on dowel drilling machines and CNC machines.

### DESIGN:

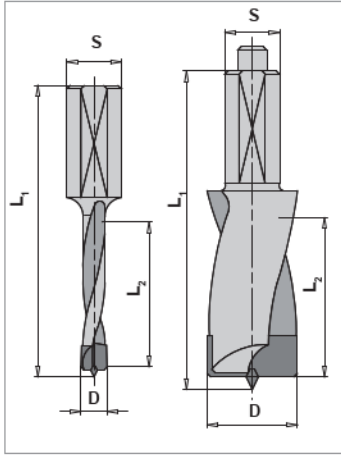
Carbide cutting head, inverted V tip with 60° angle. Cylindrical shank with clamping surface and adjustment screw. Spiral part plastic coated, with back guidance.

D mm	L2 mm	L1 mm	Shank mm	rhs/lhs	Order No.
5	25	57,5	10x20	lhs	10022641
5	25	57,5	10x20	rhs	10022640
5	35	70,0	10x25	lhs	10022645
5	35	70,0	10x25	rhs	10022644

## HW dowel drill with centre point

8 mm cylindrical shank

For Maffell



**51010**

### APPLICATION:

Applied in Mafell Duo Dowel DD40G and DD40P as well as portable routers for drilling blind holes in solid wood, wood-based material etc.

### DESIGN:

Carbide cutting head, Centre point and two wipers with side bevel. Tooth geometry designed for high speed. Spirale part plastic coated. Cylindric shank with clamping surface and adjustment screw. Right-hand rotation.

D mm	L2 mm	L1 mm	Shank mm	Order No.
5	30	57,5	8x17	10176721
6	30	57,5	8x17	10176722
8	30	57,5	8x17	10176723
10	30	58,0	8x18	10176730
12	30	58,0	8x18	10176731
16	30	58 / 65	8x18	10176732