

# 8

## Boring bits Mèches à percer



**FREZITE** 

**Dowel drills**

Mèches à tourillons ..... 8.3-8.8

**Dowel drill with external threaded shank**

Mèches à tourillons - queue fileté ..... 8.9

**Through-hole drill**

Mèches pour trous débouchants ..... 8.10-8.13

**Solid counterbore**

Mèches à percer étagées ..... 8.14

**Loose countersink**

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**Hinge boring bits**

Mèches à façonner ..... 8.16-8.19

**Plug cutter**

Mèche à bouchon ..... 8.19

**Slot mortise bit**

Mèche à mortaiser ..... 8.20

**Reciprocating slot mortise bit**

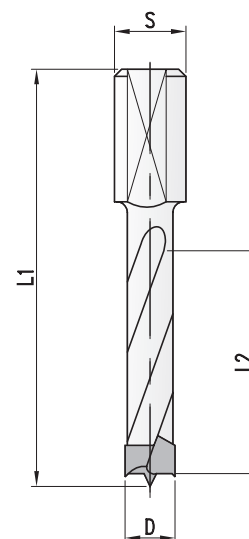
Mèche à mortaiser oscillante ..... 8.21-8.22

## Dowel drills Mèches à tourillons

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1= 55,5mm</b>						
5	30	55,5	8x20	2	A203.005.030.08	A203.005.130.08
6	30	55,5	8x20	2	A203.006.030.08	A203.006.130.08
7	30	55,5	8x20	2	A203.007.030.08	A203.007.130.08
8	30	55,5	8x20	2	A203.008.030.08	A203.008.130.08
9	30	55,5	8x20	2	A203.009.030.08	A203.009.130.08
10	30	55,5	8x20	2	A203.010.030.08	A203.010.130.08
12	30	55,5	8x20	2	A203.012.030.08	A203.012.130.08
<b>L1= 67,0mm</b>						
5	40	67	8x20	2	A203.005.040.08	A203.005.140.08
6	40	67	8x20	2	A203.006.040.08	A203.006.140.08
7	40	67	8x20	2	A203.007.040.08	A203.007.140.08
8	40	67	8x20	2	A203.008.040.08	A203.008.140.08
9	40	67	8x20	2	A203.009.040.08	A203.009.140.08
10	40	67	8x20	2	A203.010.040.08	A203.010.140.08
12	40	67	8x20	2	A203.012.040.08	A203.012.140.08

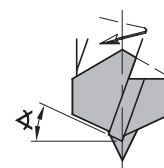
MAN HW S=8

# A203



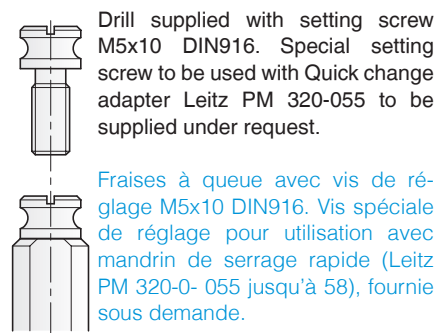
### Spare parts - Pièces de rechange

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180



Negatively ground spurs for accurate holes and longer tool life.

Araseurs avec angle négatif à l'affûtage pour trous de grande précision et prolongement de la durée de vie de l'outil.



Drill supplied with setting screw M5x10 DIN916. Special setting screw to be used with Quick change adapter Leitz PM 320-055 to be supplied under request.

Fraises à queue avec vis de réglage M5x10 DIN916. Vis spéciale de réglage pour utilisation avec mandrin de serrage rapide (Leitz PM 320-0- 055 jusqu'à 58), fournie sous demande.



**Dowel drills**  
**Mèches à tourillons**

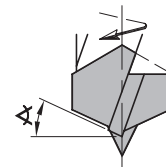
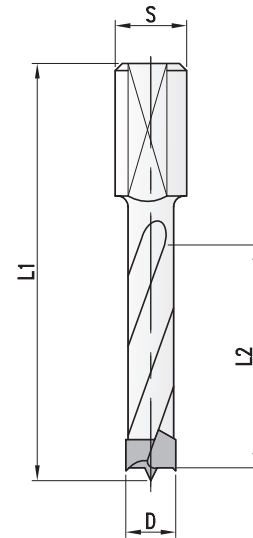
D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1= 57,5mm</b>						
4	26	57,5	10x20	2	A203.004.030.10	A203.004.130.10
5	30	57,5	10x20	2	A203.005.030.10	A203.005.130.10
6	30	57,5	10x20	2	A203.006.030.10	A203.006.130.10
7	30	57,5	10x20	2	A203.007.030.10	A203.007.130.10
8	30	57,5	10x20	2	A203.008.030.10	A203.008.130.10
9	30	57,5	10x20	2	A203.009.030.10	A203.009.130.10
10	30	57,5	10x20	2	A203.010.030.10	A203.010.130.10
11	30	57,5	10x20	2	A203.011.030.10	A203.011.130.10
12	30	57,5	10x20	2	A203.012.030.10	A203.012.130.10
13	30	57,5	10x20	2	A203.013.030.10	A203.013.130.10
14	30	57,5	10x20	2	A203.014.030.10	A203.014.130.10
15	30	57,5	10x20	2	A203.015.030.10	A203.015.130.10
16	30	57,5	10x20	2	A203.016.030.10	A203.016.130.10
<b>L1= 70,0mm</b>						
4	43	70	10x20	2	A203.004.043.10	A203.004.143.10
5	43	70	10x20	2	A203.005.043.10	A203.005.143.10
6	43	70	10x20	2	A203.006.043.10	A203.006.143.10
7	43	70	10x20	2	A203.007.043.10	A203.007.143.10
8	43	70	10x20	2	A203.008.043.10	A203.008.143.10
9	43	70	10x20	2	A203.009.043.10	A203.009.143.10
10	43	70	10x20	2	A203.010.043.10	A203.010.143.10
11	43	70	10x20	2	A203.011.043.10	A203.011.143.10
12	43	70	10x20	2	A203.012.043.10	A203.012.143.10
14	43	70	10x20	2	A203.014.043.10	A203.014.143.10
15	43	70	10x20	2	A203.015.043.10	A203.015.143.10
16	43	70	10x20	2	A203.016.043.10	A203.016.143.10
<b>L1= 77,0mm</b>						
5	50	77	10x20	2	A203.005.044.10	A203.005.144.10
6	50	77	10x20	2	A203.006.044.10	A203.006.144.10
7	50	77	10x20	2	A203.007.044.10	A203.007.144.10
8	50	77	10x20	2	A203.008.044.10	A203.008.144.10
10	50	77	10x20	2	A203.010.044.10	A203.010.144.10
12	50	77	10x20	2	A203.012.044.10	A203.012.144.10
<b>L1= 85,0mm</b>						
5	50	85	10x27	2	A203.005.050.10	A203.005.150.10
6	50	85	10x27	2	A203.006.050.10	A203.006.150.10
8	50	85	10x27	2	A203.008.050.10	A203.008.150.10
10	50	85	10x27	2	A203.010.050.10	A203.010.150.10
12	50	85	10x27	2	A203.012.050.10	A203.012.150.10

■ While quantities last - Jusqu'à épuisement du stock

**Spare parts - Pièces de rechange**

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

MAN HW S=10 **A203**



Negatively ground spurs for accurate holes and longer tool life.

Araseurs avec angle négatif à l'affûtage pour trous de grande précision et prolongement de la durée de vie de l'outil.

Drill supplied with setting screw M5x10 DIN916. Special setting screw to be used with Quick change adapter Leitz PM 320-055 to be supplied under request.

Fraises à queue avec vis de réglage M5x10 DIN916. Vis spéciale de réglage pour utilisation avec mandrin de serrage rapide (Leitz PM 320-0-055 jusqu'à 58), fournie sous demande.

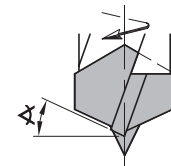
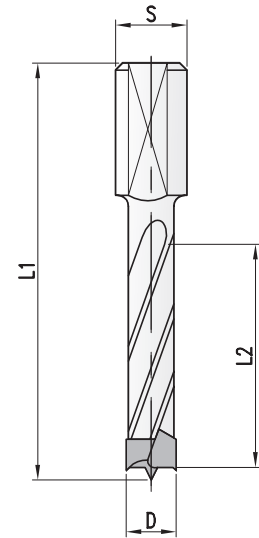
**Dowel drills, double flute**  
**Mèches à tourillons, avec double listel**

D	L2	L1	S	Z	Ref.LH	Ref.RH	
<b>L1= 57,5mm</b>							
5	30	57,5	10x20	2	A216.005.030.10	A216.005.130.10	
6	30	57,5	10x20	2	A216.006.030.10	A216.006.130.10	
8	30	57,5	10x20	2	A216.008.030.10	A216.008.130.10	
10	30	57,5	10x20	2	A216.010.030.10	A216.010.130.10	
12	30	57,5	10x20	2	A216.012.030.10	A216.012.130.10	
<b>L1= 70,0mm</b>							
5	40	70	10x20	2	A216.005.040.10	A216.005.140.10	
6	40	70	10x20	2	A216.006.040.10	A216.006.140.10	
8	40	70	10x20	2	A216.008.040.10	A216.008.140.10	
10	40	70	10x20	2	A216.010.040.10	A216.010.140.10	
12	40	70	10x20	2	A216.012.040.10	A216.012.140.10	
<b>L1= 85,0mm</b>							
<b>new</b>	5	50	85	10x27	2	A216.005.050.10	A216.005.150.10
<b>new</b>	6	50	85	10x27	2	A216.006.050.10	A216.006.150.10
<b>new</b>	8	50	85	10x27	2	A216.008.050.10	A216.008.150.10
<b>new</b>	10	50	85	10x27	2	A216.010.050.10	A216.010.150.10
<b>new</b>	12	50	85	10x27	2	A216.012.050.10	A216.012.150.10

**Spare parts - Pièces de rechange**

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

MAN HW S=10 **A216**

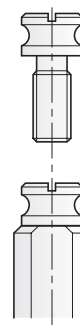


Negatively ground spurs for accurate holes and longer tool life.

Araseurs avec angle négatif à l'affûtage pour trous de grande précision et prolongement de la durée de vie de l'outil.

Drill supplied with setting screw M5x10 DIN916. Special setting screw to be used with Quick change adapter Leitz PM 320-055 to be supplied under request.

Fraises à queue avec vis de réglage M5x10 DIN916. Vis spéciale de réglage pour utilisation avec mandrin de serrage rapide (Leitz PM 320-0-055 jusqu'à 58), fournie sous demande.



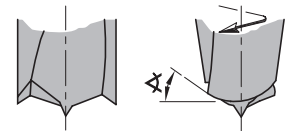
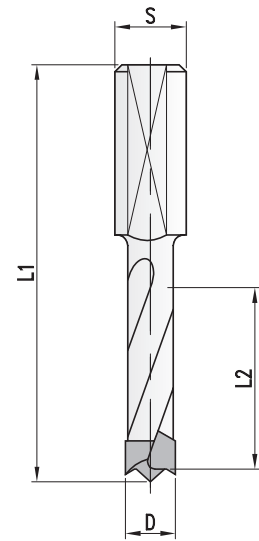
## Dowel drills Mèches à tourillons

MAN HW S=10 **A222**

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1= 57,5mm</b>						
5	27	57,5	10X27	2	A222.005.027.10	A222.005.127.10
new 6	27	57,5	10X27	2	A222.006.027.10	A222.006.127.10
new 7	27	57,5	10X27	2	A222.007.027.10	A222.007.127.10
8	27	57,5	10X27	2	A222.008.027.10	A222.008.127.10
new 9	27	57,5	10X27	2	A222.009.027.10	A222.009.127.10
10	27	57,5	10X27	2	A222.010.027.10	A222.010.127.10
<b>L1=70,0mm</b>						
5	35	70	10x30	2	A222.005.035.10	A222.005.135.10
new 6	35	70	10x30	2	A222.006.035.10	A222.006.135.10
new 7	35	70	10x30	2	A222.007.035.10	A222.007.135.10
8	35	70	10x30	2	A222.008.035.10	A222.008.135.10
new 9	35	35	10x30	2	A222.009.035.10	A222.009.135.10
10	35	70	10x30	2	A222.010.035.10	A222.010.135.10

### Spare parts - Pièces de rechange

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180



### Advantages:

- New grinding design with round spurs.
- Better finishing on the cut.
- Increased tool life.

### Avantages:

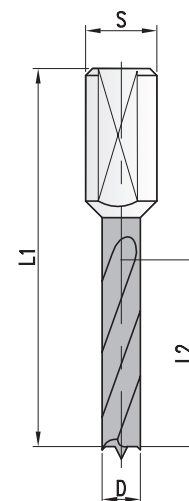
- Nouvel affûtage avec araseurs renforcés.
- Meilleure finition de coupe.
- Augmentation de la durée de vie de l'outil.

**Dowel drills, solid t.c.**  
**Mèches à tourillons, carbure massif**

MAN HW

**A224**

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1= 57,5mm</b>						
3	18	57,5	10x25	2	A224.003.018.10	A224.003.118.10
4	20	57,5	10x27	2	A224.004.020.10	A224.004.120.10
5	22	57,5	10x27	2	A224.005.022.10	A224.005.122.10
6	22	57,5	10x27	2	A224.006.022.10	A224.006.122.10
new	6,2	22	10x26	2	A224.106.022.10	A224.106.122.10
8	22	57,5	10x27	2	A224.008.022.10	A224.008.122.10
new	8,2	22	10x27	2	A224.108.022.10	A224.108.122.10
10	25	57,5	10X27	2	A224.010.025.10	A224.010.125.10
12	25	57,5	10X27	2	A224.012.025.10	A224.012.125.10
<b>L1=70,0mm</b>						
3	18	70	10x40	2	A224.003.218.10	A224.003.318.10
4	27	70	10x35	2	A224.004.027.10	A224.004.127.10
5	30	70	10x30	2	A224.005.030.10	A224.005.130.10
6	30	70	10x30	2	A224.006.030.10	A224.006.130.10
new	6,2	27	10x26	2	A224.106.035.10	A224.106.135.10
8	35	70	10x25	2	A224.008.035.10	A224.008.135.10
new	8,2	35	10x25	2	A224.108.035.10	A224.108.135.10
10	35	70	10X27	2	A224.010.035.10	A224.010.135.10
12	35	70	10X27	2	A224.012.035.10	A224.012.135.10



■ While quantities last - Jusqu'à épuisement du stock

Spare parts - Pièces de rechange

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180



**Dowel drills**  
Mèches à tourillons

D	L2	L1	S	Z	Ref.LH	Ref.RH
2	24	49	2	2	A202.002.024.02	A202.002.124.02
2,5	30	57	2,5	2	A202.902.030.92	A202.902.130.92
3	33	61	3	2	A202.003.033.03	A202.003.133.03
3,5	39	70	3,5	2	A202.903.039.93	A202.903.139.93
4	43	75	4	2	A202.004.043.04	A202.004.143.04
4,5	47	80	4,5	2	A202.904.047.94	A202.904.147.94
5	52	86	5	2	A202.005.052.05	A202.005.152.05
5,5	57	93	5,5	2	A202.905.057.95	A202.905.157.95
6	57	93	6	2	A202.006.057.06	A202.006.157.06
7	69	109	7	2	A202.007.069.07	A202.007.169.07
8	75	117	8	2	A202.008.075.08	A202.008.175.08
9	81	125	9	2	A202.009.081.09	A202.009.181.09
10	87	133	10	2	A202.010.087.10	A202.010.187.10

MAN HS

# A202

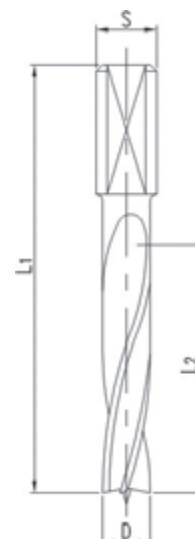


**Dowel drills**  
Mèches à tourillons

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1= 57,5mm</b>						
5	30	57,5	10x20	2	A210.005.030.10	A210.005.130.10
6	30	57,5	10x20	2	A210.006.030.10	A210.006.130.10
7	30	57,5	10x20	2	A210.007.030.10	A210.007.130.10
8	30	57,5	10x20	2	A210.008.030.10	A210.008.130.10
9	30	57,5	10x20	2	A210.009.030.10	A210.009.130.10
10	30	57,5	10x20	2	A210.010.030.10	A210.010.130.10
12	30	57,5	10x20	2	A210.012.030.10	A210.012.130.10
<b>L1=70,0mm</b>						
5	43	70	10x20	2	A210.005.043.10	A210.005.143.10
6	43	70	10x20	2	A210.006.043.10	A210.006.143.10
7	43	70	10x20	2	A210.007.043.10	A210.007.143.10
8	43	70	10x20	2	A210.008.043.10	A210.008.143.10
9	43	70	10x20	2	A210.009.043.10	A210.009.143.10
10	43	70	10x20	2	A210.010.043.10	A210.010.143.10
12	43	70	10x20	2	A210.012.043.10	A210.012.143.10

MAN HS

# A210



■ While quantities last - Jusqu'à épuisement du stock

Spare parts - Pièces de rechange

Dim.	Ref.
Adjusting Screw - Vis	M5x10 705.103



**Dowel drill with external threaded shank**  
**Mèches à tourillons - queue filetée**

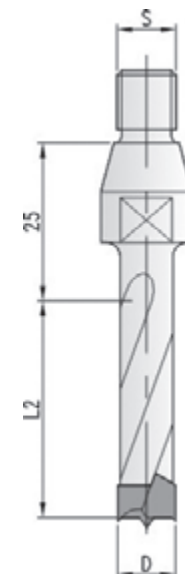
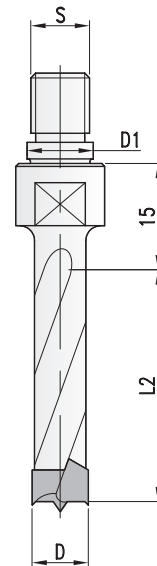
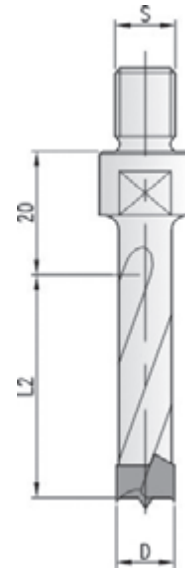
D	L2	S	Z	Ref.LH	Ref.RH
<b>S=M8</b>					
5	43	M8	2	A234.005.343.50	A234.005.243.50
6	43	M8	2	A234.006.343.50	A234.006.243.50
8	43	M8	2	A234.008.343.50	A234.008.243.50
10	43	M8	2	A234.010.343.50	A234.010.243.50
12	43	M8	2	A234.012.343.50	A234.012.243.50
<b>S=M10</b>					
5	43	M10	2	A234.005.043.50	A234.005.143.50
6	43	M10	2	A234.006.043.50	A234.006.143.50
8	43	M10	2	A234.008.043.50	A234.008.143.50
10	43	M10	2	A234.010.043.50	A234.010.143.50
12	43	M10	2	A234.012.043.50	A234.012.143.50

D	L2	S/D1	Z	Ref.LH	Ref.RH
<b>S=M8</b>					
5	30	M8 / 9	2	A234.005.340.51	A234.005.240.51
6	30	M8 / 9	2	A234.006.340.51	A234.006.240.51
8	30	M8 / 9	2	A234.008.340.51	A234.008.240.51
10	30	M8 / 9	2	A234.010.340.51	A234.010.240.51
12	30	M8 / 9	2	A234.012.340.51	A234.012.240.51
<b>S=M10</b>					
5	40	M10 / 11	2	A234.005.040.51	A234.005.140.51
6	40	M10 / 11	2	A234.006.040.51	A234.006.140.51
8	40	M10 / 11	2	A234.008.040.51	A234.008.140.51
10	40	M10 / 11	2	A234.010.040.51	A234.010.140.51
12	40	M10 / 11	2	A234.012.040.51	A234.012.140.51

D	L2	S	Z	Ref.LH	Ref.RH
<b>S=M10</b>					
5	40	M10	2	A234.005.040.52	A234.005.140.52
6	40	M10	2	A234.006.040.52	A234.006.140.52
8	40	M10	2	A234.008.040.52	A234.008.140.52
10	40	M10	2	A234.010.040.52	A234.010.140.52
12	40	M10	2	A234.012.040.52	A234.012.140.52

MAN HW

**A234**



## Through-hole drill Mèches pour trous débouchants

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1 = 57,5mm</b>						
5	30	56	8x20	2	A220.005.030.08	A220.005.130.08
8	30	56	8x20	2	A220.008.030.08	A220.008.130.08
<b>L1 = 70,0mm</b>						
5	43	70	8x20	2	A220.005.043.08	A220.005.143.08
6	43	70	8x20	2	A220.006.043.08	A220.006.143.08
7	43	70	8x20	2	A220.007.043.08	A220.007.143.08
8	43	70	8x20	2	A220.008.043.08	A220.008.143.08

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1 = 57,5mm</b>						
5	27	57	10x26	2	A220.005.027.10	A220.005.127.10
6	27	57	10x26	2	A220.006.027.10	A220.006.127.10
7	27	57	10x26	2	A220.007.027.10	A220.007.127.10 ■
8	27	57	10x26	2	A220.008.027.10	A220.008.127.10
10	27	57	10x26	2	A220.010.027.10	A220.010.127.10
<b>L1 = 70,0mm</b>						
5	35	70	10x26	2	A220.005.035.10	A220.005.135.10
6	35	70	10x26	2	A220.006.035.10	A220.006.135.10
7	35	70	10x26	2	A220.007.035.10	A220.007.135.10
8	35	70	10x26	2	A220.008.035.10	A220.008.135.10
<b>new</b> 9	35	70	10x26	2	A220.009.035.10	A220.009.135.10
10	35	70	10x26	2	A220.010.035.10	A220.010.135.10
12	35	70	10x26	2	A220.012.035.10	A220.012.135.10
<b>L1 = 77,0mm</b>						
5	44	77	10x26	2	A220.005.044.10	A220.005.144.10
6	44	77	10x26	2	A220.006.044.10	A220.006.144.10
7	44	77	10x26	2	A220.007.044.10	A220.007.144.10 ■
8	44	77	10x26	2	A220.008.044.10	A220.008.144.10
10	44	77	10x26	2	A220.010.044.10	A220.010.144.10
12	44	77	10x26	2	A220.012.044.10	A220.012.144.10

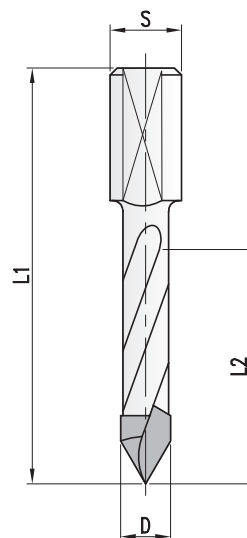
■ While quantities last - Jusqu'à épuisement du stock

### Spare parts - Pièces de rechange

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

MAN HW

# A220



Drill supplied with setting screw M5x10 DIN916. Special setting screw to be used with Quick change adapter Leitz PM 320-055 to be supplied under request.

Fraises à queue avec vis de réglage M5x10 DIN916. Vis spéciale de réglage pour utilisation avec mandrin de serrage rapide (Leitz PM 320-0- 055 jusqu'à 58), fournie sous demande.

## Through-hole drill Mèches pour trous débouchants

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1 = 57,5mm</b>						
5	27	57,5	10x26	2	A223.005.027.10	A223.005.127.10
8	27	57,5	10x26	2	A223.008.027.10	A223.008.127.10
10	27	57,5	10x25	2	A223.010.027.10	A223.010.127.10
<b>L1 = 70,0mm</b>						
5	35	70	10x26	2	A223.005.035.10	A223.005.135.10
new	6	35	70	10x26	A223.006.035.10	A223.006.135.10
new	7	35	70	10x26	A223.007.035.10	A223.007.135.10
8	35	70	10x26	2	A223.008.035.10	A223.008.135.10
10	35	70	10x26	2	A223.010.035.10	A223.010.135.10

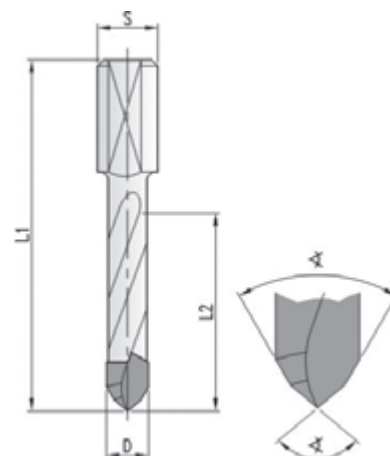
■ While quantities last - Jusqu'à épuisement du stock

### Spare parts - Pièces de rechange

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

MAN HW

# A223



### Advantages:

- Better finishing on the cut.
- Increased tool life.

### Avantages:

- Meilleure finition de coupe.
- Augmentation de la durée de l'outil.

## Through-hole drill, solid t.c. Mèches pour trous débouchant, carbure massif

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1 = 57,5mm</b>						
4	25	57,5	10x27	2	A225.004.025.10	A225.004.125.10
5	25	57,5	10x27	2	A225.005.025.10	A225.005.125.10
6	25	57,5	10x27	2	A225.006.025.10	A225.006.125.10
8	25	57,5	10x27	2	A225.008.025.10	A225.008.125.10
<b>L1 = 70,0mm</b>						
new	3	27	70	10x30	A225.003.027.10	A225.003.127.10
4	35	70	10x25	2	A225.004.035.10	A225.004.135.10
5	35	70	10x25	2	A225.005.035.10	A225.005.135.10
6	35	70	10x25	2	A225.006.035.10	A225.006.135.10
8	35	70	10x25	2	A225.008.035.10	A225.008.135.10

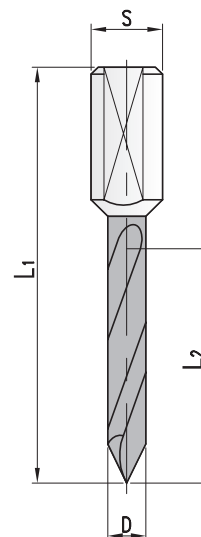
■ While quantities last - Jusqu'à épuisement du stock

### Spare parts - Pièces de rechange

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

MAN HW

# A225

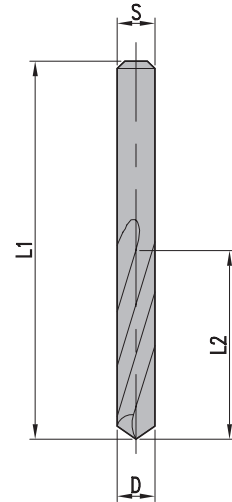


**Twist drill, solid t.c.**  
**Mèche hélicoïdal en carbure massif**

D	L2	L1	S	Z	Ref.LH	Ref.RH
2	25	50	2	2	A201.002.025.02	A201.002.125.02
2,5	27	55	2,5	2	A201.902.027.92	A201.902.127.92
3	27	55	3	2	A201.003.027.03	A201.003.127.03
3,5	27	55	3,5	2	A201.903.030.93	A201.903.130.93
4	27	55	4	2	A201.004.030.04	A201.004.130.04
4,5	28	60	4,5	2	A201.904.028.94	A201.904.128.94
5	28	60	5	2	A201.005.028.05	A201.005.128.05

MAN HW

**A201**

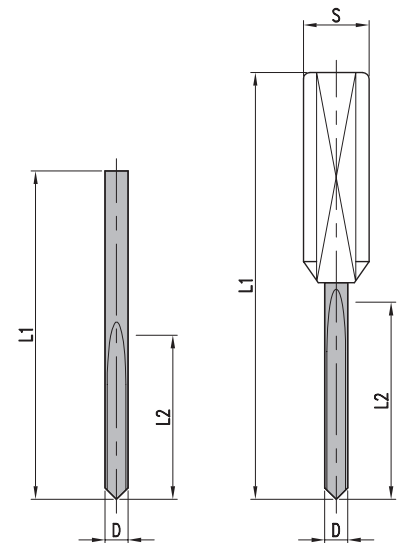


**Through-hole drill, solid t.c.**  
**Mèches pour trous débouchants, carbure massif**

D	L2	L1	S	Ref.
<b>L1 = 50,0mm</b>				
2,5	15	50	2,5	A226.902.015.92
3	15	50	3	A226.003.015.03
3,5	15	50	3,5	A226.903.015.93
4	20	50	4	A226.004.020.04
<b>L1 = 57,5mm</b>				
2,5	15	57,5	10x33	A226.902.015.10
3	15	57,5	10x33	A226.003.015.10
3,5	15	57,5	10x33	A226.903.015.10
4	20	57,5	10x25	A226.004.020.10
5	25	57,5	10x25	A226.005.025.10
6	25	57,5	10x25	A226.006.025.10
<b>L1 = 70,0mm</b>				
2,5	15	70	10x33	A226.902.115.10
3	23	70	10x33	A226.003.123.10
3,5	30	70	10x33	A226.903.130.10
4	32	70	10x25	A226.004.132.10
5	35	70	10x25	A226.005.135.10
6	35	70	10x25	A226.006.135.10

MAN HW

**A226**



**Spare parts - Pièces de rechange**

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

**Advantages:**

- Round shape body with a special carbide grade.
- The new design will allow increased wear resistance and longer life time.
- RH and LH rotation.

**Avantages:**

- Corps rond au carbure spécial.
- Plus de résistance à l'usure et plus grande durée de vie, dû à la géométrie de la mèche.
- Mèche avec rotation droite et gauche.

Through-hole diamond drill  
Mèches pour trous débouchant DP



D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1= 57,5mm</b>						
5	27	57,5	10X26	1	A814.005.027.10	A814.005.127.10
6	27	57,5	10X26	1	A814.006.327.10	A814.006.227.10
8	27	57,5	10X26	1	A814.008.327.10	A814.008.227.10
10	27	57,5	10X26	1	A814.010.027.10	A814.010.127.10
<b>L1= 70,0mm</b>						
5	35	70	10x26	1	A814.005.035.10	A814.005.135.10
6	35	70	10x26	1	A814.006.335.10	A814.006.235.10
8	35	70	10x26	1	A814.008.335.10	A814.008.235.10
10	35	70	10x26	1	A814.010.035.10	A814.010.135.10

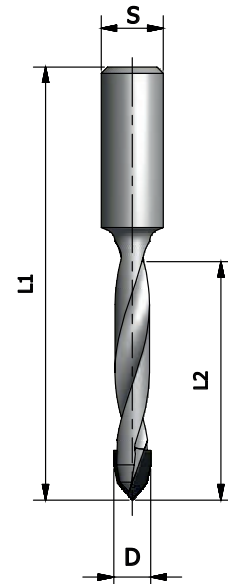
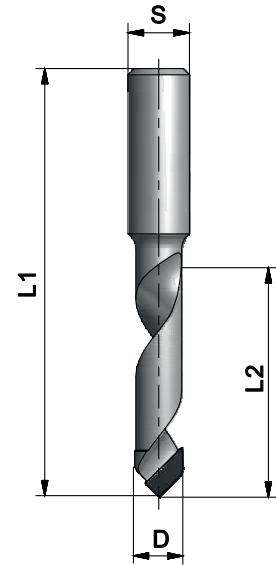
D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>L1= 57,5mm</b>						
new 6	27	57,5	10X26	2	A814.006.527.10	A814.006.427.10
new 8	27	57,5	10X26	2	A814.008.527.10	A814.008.427.10
new 10	27	57,5	10X26	2	A814.010.527.10	A814.010.427.10
<b>L1= 70,0mm</b>						
new 6	35	70	10x26	2	A814.006.535.10	A814.006.435.10
new 8	35	70	10x26	2	A814.008.535.10	A814.008.435.10
new 10	35	70	10x26	2	A814.010.535.10	A814.010.435.10

Spare parts - Pièces de rechange

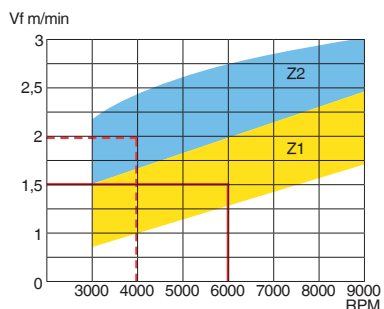
	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

MAN DP

A814



Graphic to determine feed speed.  
Tableau pour déterminer la vitesse d'avance



Material: Coated Particleboard  
Correction factor for Vf:  
MDF= 0,7  
Particleboard uncoated = 1,2

Matériel: Panneaux à particules  
Facteur de correction pour Vf:  
MDF= 0,7  
Panneau de particules sans revêtement = 1,2

Drill supplied with setting screw M5x10 DIN916. Special setting screw to be used with Quick change adapter Leitz PM 320-055 to be supplied under request.

Fraises à queue avec vis de réglage M5x10 DIN916. Vis spéciale de réglage pour utilisation avec mandrin de serrage rapide (Leitz PM 320-0-055 jusqu'à 58), fournie sous demande.

**Solid counterbore**  
**Mèches à percer étagées**

D	L1
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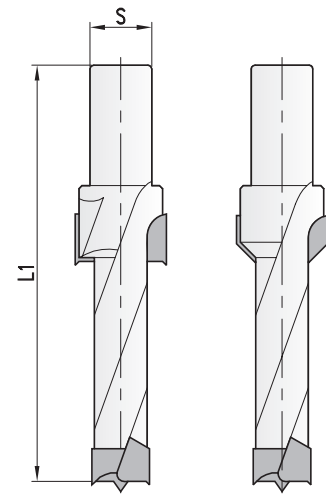
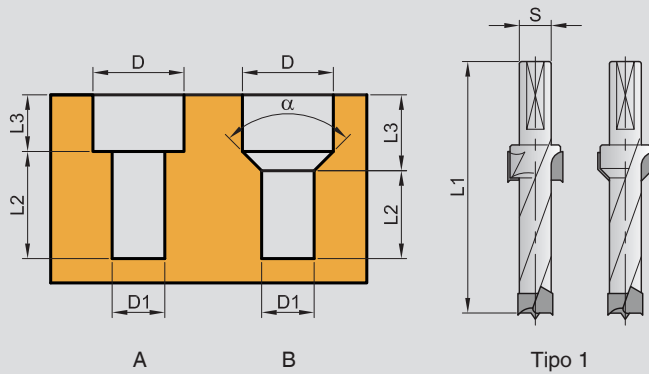
3-30	50-130
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- Under request - [Sur demande](#)

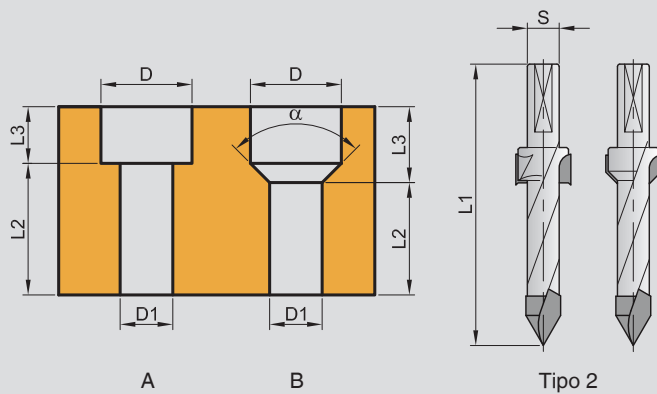
MAN	HW
	HS

**A205**

Under request. When ordering please state rotation, different dimensions according to the drawing and type of work.  
 Sur demande. Dans la commande il faut mentionner la rotation (droite au gauche), les mesures selon le dessin et le type de travail à réaliser.



Under request. When ordering please state rotation, different dimensions according to the drawing and type of work.  
 Sur demande. Dans la commande il faut mentionner la rotation (droite au gauche), les mesures selon le dessin et le type de travail à réaliser.

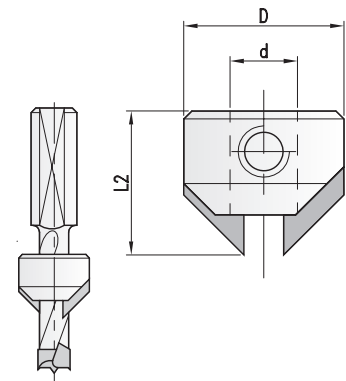


**Loose countersink, clamping on the spiral**  
**Fraiseur pour montage sur hélice**

d	D	Z	L2	Ref.LH	Ref.RH
4	16	2	15	A230.004.015.04	A230.004.115.04
5	16	2	15	A230.005.015.05	A230.005.115.05
6	16	2	15	A230.006.015.06	A230.006.115.06
7	16	2	15	A230.007.015.07	A230.007.115.07
8	18	2	15	A230.008.015.08	A230.008.115.08
9	18	2	15	A230.009.015.09	A230.009.115.09
10	20	2	15	A230.010.020.10	A230.010.120.10
11	20	2	15	A230.011.020.11	A230.011.120.11
12	20	2	15	A230.012.020.12	A230.012.120.12

MAN HW

**A230**



Spare parts - Pièces de rechange

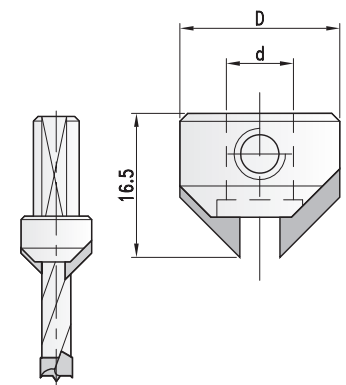
	Dim.	Ref.
Screw - Vis	M5x5	705.102
T Wrench - Clé en T	SW2,5	706.152

**Loose countersink, clamping on shank**  
**Fraiseur pour montage sur la queue**

d	D	Z	Ref.LH	Ref.RH
10	5-10	20	A232.020.016.10	A232.020.116.10
10	11-12	22	A232.022.016.10	A232.022.116.10

MAN HW

**A232**



Spare parts - Pièces de rechange

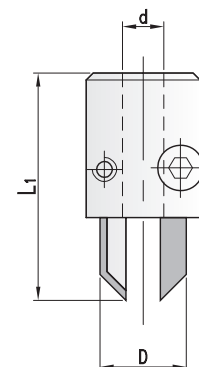
	Dim.	Ref.
Screw - Vis	M5x5	705.102
T Wrench - Clé en T	SW2,5	706.152

**Adjustable countersink**  
**Fraiseur extensible**

D	d	Z	L1	Ref.
10-14,7	3-7,2	2	34	A233.003.133.03

MAN HW

**A233**



Spare parts - Pièces de rechange

	Dim.	Ref.
Screw - Vis	M4x12	705.323.12
T Wrench - Clé en T	SW3	706.153

Adjustable countersink. One countersink fits all diameters from 3,0 to 7,2.  
 Fraiseur extensible. Un seul fraiseur pour mèches de diamètre 3,0 jusqu'à 7,2.



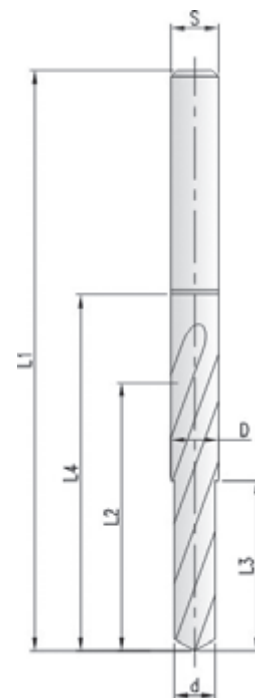
## Through-hole drill for hinges Mèches à trou débouchant pour charnières

Nr.	d	D-S	L3	L2	L4	L1	Ref.
11	4,8	5,7	17	60	76	145	A227.005.060.07
13	5,8	6,7	18	68	83	155	A227.006.068.07
16	6,7	7,7	25	85	100	165	A227.007.085.07
17	7,0	7,7	-	95	-	157	A227.007.095.07 ■
18	7,7	8,7	25	85	102	165	A227.008.085.07
<b>new</b> 20	8,8	9,8	25	90	104	165	A227.009.090.09

■ While quantities last - Jusqu'à épuisement du stock

MAN HS

A227

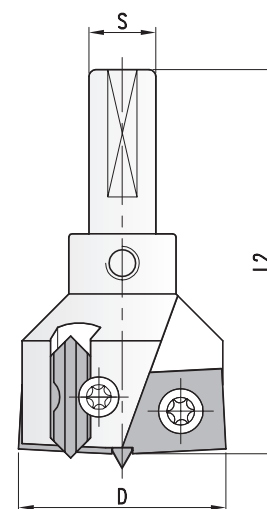


## Hinge boring bits Mèches à façonner

D	L2	S	Z	V	Ref.LH	Ref.RH
25	555	10x26	2	2	A254.025.212.10	A254.025.312.10
26	555	10x26	2	2	A254.026.212.10	A254.026.312.10
30	555	10x26	2	2	A254.030.212.10	A254.030.312.10
35	555	10x26	2	2	A254.035.212.10	A254.035.312.10

MAN HW

A254



### Spare parts - Pièces de rechange

	D	Dim.	Ref.
Knife - <b>Plaque</b>	25	10,5x12x1,5	750.200
	26	11x12x1,5	750.209
	30	13x12x1,5	750.202
	35	15,7x12x1,5	750.203
Torx Screw - <b>Vis Torx</b>		M3,5x5	705.352
		M3,5x6,5	705.350
Spur - <b>Araseurs</b>		18x6x3,5	795.102
Torx Screw - <b>Vis Torx</b>		M3,5x6	705.312.06
Centering pin - <b>Plaque de centrage</b>		Ø3x33,5	795.101
Screw - <b>Vis</b>		M6x6	705.583
Adjusting Screw - <b>Vis</b>		M5x10	705.103
T Wrench - <b>Clé en T</b>		SW3	706.153
Torx wrench - <b>Clé torx</b>		T15	706.302



## Hinge boring bits Mèches à façonner

D	L2	L1	S	Z	V	Ref.LH	Ref.RH
<b>L1 = 57,5mm</b>							
15	55,5	57,5	10x26	2	2	A190.015.012.10	A190.015.112.10
16	55,5	57,5	10x26	2	2	A190.016.012.10	A190.016.112.10
18	55,5	57,5	10x26	2	2	A190.018.012.10	A190.018.112.10
20	55,5	57,5	10x26	2	2	A190.020.012.10	A190.020.112.10
22	55,5	57,5	10x26	2	2	A190.022.012.10	A190.022.112.10
24	55,5	57,5	10x26	2	2	A190.024.012.10	■
25	55,5	57,5	10x26	2	2	A190.025.012.10	A190.025.112.10
26	55,5	57,5	10x26	2	2	A190.026.012.10	A190.026.112.10
28	55,5	57,5	10x26	2	2	A190.028.012.10	A190.028.112.10
30	55,5	57,5	10x26	2	2	A190.030.012.10	A190.030.112.10
32	55,5	57,5	10x26	2	2	A190.032.012.10	■
34	55,5	57,5	10x26	2	2		A190.034.112.10
35	55,5	57,5	10x26	2	2	A190.035.012.10	A190.035.112.10
38	55,5	57,5	10x26	2	2	A190.038.012.10	A190.038.112.10
40	55,5	57,5	10x26	2	2	A190.040.012.10	A190.040.112.10
<b>L1 = 70,0mm</b>							
15	68	70	10x26	2	2	A190.015.070.10	A190.015.170.10
20	68	70	10x26	2	2	A190.020.070.10	A190.020.170.10
25	68	70	10x26	2	2	A190.025.070.10	A190.025.170.10
30	68	70	10x26	2	2	A190.030.070.10	A190.030.170.10
35	68	70	10x26	2	2	A190.035.070.10	A190.035.170.10
40	68	70	10x26	2	2	A190.040.070.10	■
<b>L1 = 77,0mm</b>							
20	75	77	10x30	2	2		A190.020.177.10
25	75	77	10x30	2	2	A190.025.077.10	A190.025.177.10
30	75	77	10x30	2	2	A190.030.077.10	A190.030.177.10
35	75	77	10x30	2	2	A190.035.077.10	A190.035.177.10

■ While quantities last - Jusqu'à épuisement du stock

## Diamond hinge boring bits Mèches à façonner, DP



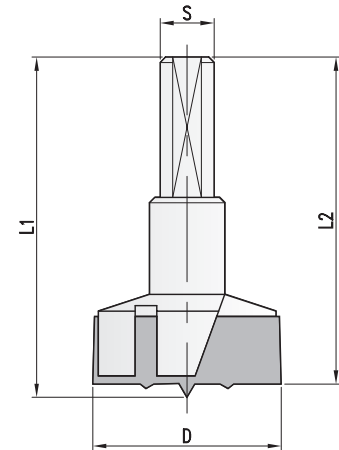
D	L2	S	Z	V	Ref.LH	Ref.RH	
<b>L1 = 55,5mm</b>							
25	555	10x26	2	2	A816.025.012.10	A816.025.112.10	
30	555	10x26	2	2	A816.030.012.10	A816.030.112.10	
35	555	10x26	2	2	A816.035.012.10	A816.035.112.10	
<b>L1 = 70,0mm</b>							
new	25	70	10x26	2	2	A816.025.070.10	A816.025.170.10
new	30	70	10x26	2	2	A816.030.070.10	A816.030.170.10
new	35	70	10x26	2	2	A816.035.070.10	A816.035.170.10

### Spare parts - Pièces de rechange

	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Centering pin - Plaquette de centrage	Ø3x33.5	795.101
Screw - Vis	M6x6	705.583
T Wrench - Clé en T	SW3	706.153

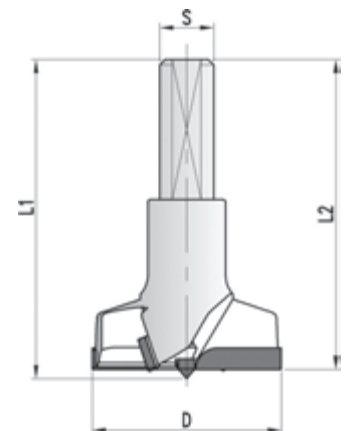
MAN HW

# A190



MAN DP

# A816



## Hinge boring bits Mèches à façonner

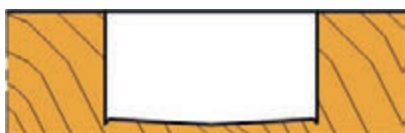
D	L2	S	Z	V	Ref.LH	Ref.RH
25	55,5	10x26	3	3	A191.025.012.10	■ A191.025.112.10 ■
30	55,5	10x26	3	3	A191.030.012.10	■ A191.030.112.10 ■
35	55,5	10x26	3	3	A191.035.012.10	■ A191.035.112.10 ■

■ While quantities last - Jusqu'à épuisement du stock

### Spare parts - Pièces de rechange

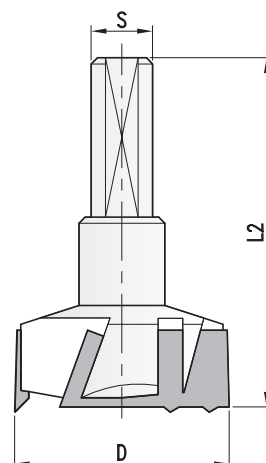
	Dim.	Ref.
Adjusting Screw - Vis	M5x10	705.103
Special adjusting Screw - Vis spéciale de réglage	M5x17	705.180

Without center point, allowing boring depths close to the bottom-side laminate.  
Sans centralisateur, permet des profondeurs de perçage près du fond, du côté revêtu.



MAN HW

# A191

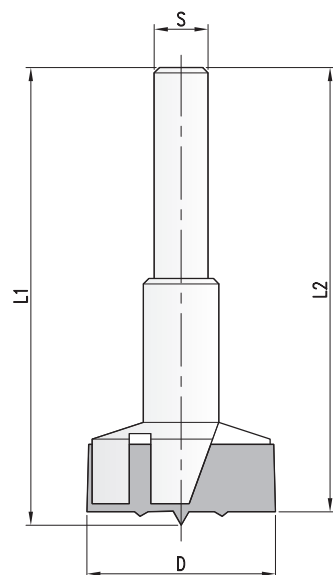


## Hinge boring bits Mèches à façonner

D	L1	S	Z	V	Ref.
L1 = 90,0mm					
15	90	10x60	2	2	A192.015.112.10
16	90	10x60	2	2	A192.016.112.10
18	90	10x60	2	2	A192.018.112.10
20	90	10x60	2	2	A192.020.112.10
22	90	10x60	2	2	A192.022.112.10
24	90	10x60	2	2	A192.024.112.10
25	90	10x60	2	2	A192.025.112.10
26	90	10x60	2	2	A192.026.112.10
28	90	10x60	2	2	A192.028.112.10
30	90	10x60	2	2	A192.030.112.10
32	90	10x60	2	2	A192.032.112.10
34	90	10x60	2	2	A192.034.112.10
35	90	10x60	2	2	A192.035.112.10
38	90	10x60	2	2	A192.038.112.10
40	90	10x50	2	2	A192.040.112.10
45	90	10x50	2	2	A192.045.112.10
50	90	10x50	2	2	A192.050.112.10
Long design - Série longue					
50	130	16x50	2	2	A192.050.130.16
55	140	16x50	2	2	A192.055.140.16
60	140	16x50	2	2	A192.060.140.16

MAN HW

# A192

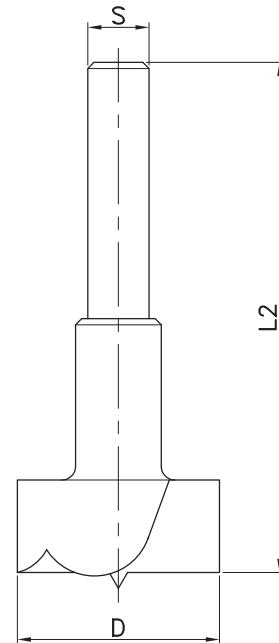


**Machine bits**  
Mèche à tête cylindrique

D	L1	S	Z	V	Ref.
10	120	13x50	2	2	A214.010.112.13
12	120	13x50	2	2	A214.012.112.13
14	125	13x50	2	2	A214.014.112.13
15	125	13x50	2	2	A214.015.112.13
16	125	13x50	2	2	A214.016.112.13
18	130	13x50	2	2	A214.018.112.13
20	130	13x50	2	2	A214.020.112.13
22	130	13x50	2	2	A214.022.112.13
24	135	13x50	2	2	A214.024.112.13
25	135	13x50	2	2	A214.025.112.13
26	135	13x50	2	2	A214.026.112.13
28	135	13x50	2	2	A214.028.112.13
30	140	13x50	2	2	A214.030.112.13
32	140	16x50	2	2	A214.032.112.16
34	140	16x50	2	2	A214.034.112.16
35	145	16x50	2	2	A214.035.112.16
36	145	16x50	2	2	A214.036.112.16
38	145	16x50	2	2	A214.038.112.16
40	150	16x50	2	2	A214.040.112.16
45	150	16x50	2	2	A214.045.112.16
50	150	16x50	2	2	A214.050.112.16

MAN SP

**A214**

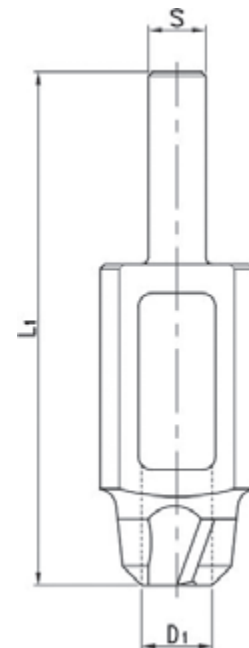


**Plug cutter**  
Mèche à bouchon

D	L1	S	Z	Ref.
10	140	13x50	4	A215.010.112.13
12	140	13x50	4	A215.012.112.13
15	140	13x50	4	A215.015.112.13
20	140	13x50	4	A215.020.112.13
25	140	13x50	5	A215.025.112.13
30	140	13x50	5	A215.030.112.13
35	160	16x50	5	A215.035.112.16
40	160	16x50	6	A215.040.112.16
45	160	16x50	6	A215.045.112.16
50	160	16x50	6	A215.050.112.16

MAN SP

**A215**

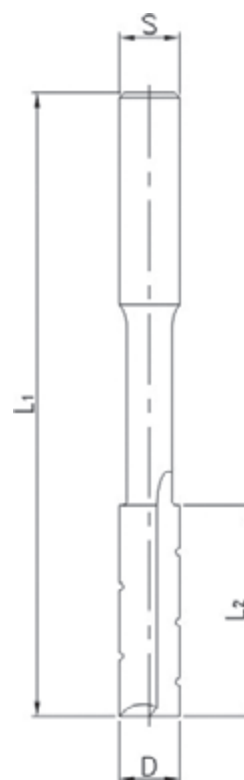


**Slot mortise bit**  
**Mèche à mortaiser**

D	L2	L1	S	Z	Ref.LH	Ref.RH
<b>S=13,0mm</b>						
6	40	120	13	2	A196.006.040.13	A196.006.140.13
7	40	125	13	2	A196.007.040.13	A196.007.140.13
8	40	130	13	2	A196.008.040.13	A196.008.140.13
9	45	135	13	2	A196.009.045.13	A196.009.145.13
10	45	140	13	2	A196.010.045.13	A196.010.145.13
11	50	145	13	2	A196.011.050.13	A196.011.150.13
12	50	150	13	2	A196.012.050.13	A196.012.150.13
13	55	155	13	2	A196.013.055.13	A196.013.155.13
14	55	160	13	2	A196.014.055.13	A196.014.155.13
15	60	165	13	2	A196.015.060.13	A196.015.160.13
16	65	170	13	2	A196.016.065.13	A196.016.165.13
18	70	180	13	2	A196.018.070.13	A196.018.170.13
20	75	185	13	2	A196.020.075.13	A196.020.175.13
22	75	195	13	2	A196.022.075.13	A196.022.175.13
24	80	200	13	2	A196.024.080.13	A196.024.180.13
26	90	210	13	2	A196.026.090.13	A196.026.190.13
<b>S=16,0mm</b>						
6	40	120	16	2	A196.006.040.16	A196.006.140.16
7	40	125	16	2	A196.007.040.16	A196.007.140.16
8	40	130	16	2	A196.008.040.16	A196.008.140.16
9	45	135	16	2	A196.009.045.16	A196.009.145.16
10	45	140	16	2	A196.010.045.16	A196.010.145.16
11	50	145	16	2	A196.011.050.16	A196.011.150.16
12	50	150	16	2	A196.012.050.16	A196.012.150.16
13	55	155	16	2	A196.013.055.16	A196.013.155.16
14	55	160	16	2	A196.014.055.16	A196.014.155.16
15	60	165	16	2	A196.015.060.16	A196.015.160.16
16	65	170	16	2	A196.016.065.16	A196.016.165.16
18	70	180	16	2	A196.018.070.16	A196.018.170.16
20	75	185	16	2	A196.020.075.16	A196.020.175.16
22	75	195	16	2	A196.022.075.16	A196.022.175.16
24	80	200	16	2	A196.024.080.16	A196.024.180.16
26	90	210	16	2	A196.026.090.16	A196.026.190.16

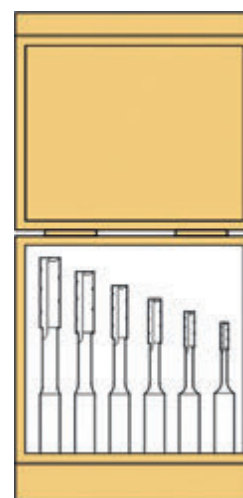
MAN SP

**A196**



Set of 6 slot mortise bit  
 Jeu avec 6 mèches à mortaiser

D	S	Ref.LH	Ref.RH
6/8/10/12/14/16	13	A426.196.006.13	A426.196.106.13
6/8/10/12/14/16	16	A426.196.006.16	A426.196.106.16



**Reciprocating slot mortise bit**  
**Mèche à mortaiser oscillante**

D	L2	L1	S	Z	Ref.
6	50	90	13	4	A200.006.350.13
8	55	95	13	4	A200.008.355.13
10	65	105	13	4	A200.010.365.13
12	75	115	13	4	A200.012.375.13
14	85	125	13	4	A200.014.385.13
16	90	130	13	4	A200.016.390.13

MEC HS

**A200**

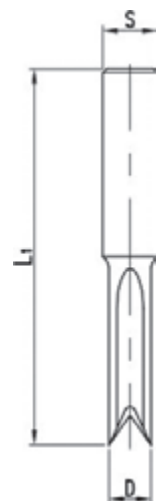


**Reciprocating slot mortise bit**  
**Mèche à mortaiser oscillante**

D	L2	L1	S	Z	Ref.
8	30	75	95	2	A206.008.128.95 ■
10	30	75	95	2	A206.010.128.95 ■
12	30	75	95	2	A206.012.128.95 ■
8	28	75	10	2	A206.008.128.10
10	28	75	10	2	A206.010.128.10
12	28	75	10	2	A206.012.128.10

MEC HS

**A206**



■ While quantities last - Jusqu'à épuisement du stock

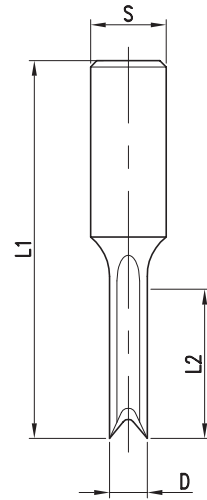


**Reciprocating slot mortise bit**  
**Mèche à mortaiser oscillante**

D	L2	L1	S	Z	Ref.
6	25	60	12x30	2	A194.006.125.12
8	25	60	12x30	2	A194.008.125.12
10	25	60	12x30	4	A194.010.125.12
12	25	60	12x30	4	A194.012.125.12
14	25	60	12x30	4	A194.014.125.12

MEC HS

**A194/9**



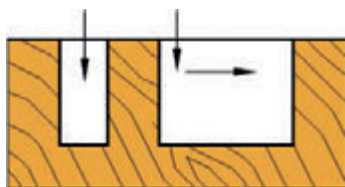
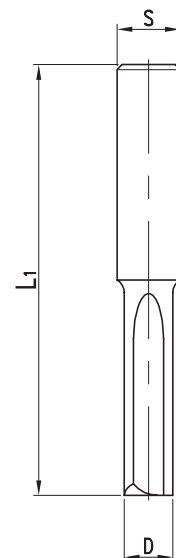
D	L2	L1	S	Z	Ref.
<b>new</b> 6	45	90	13x40	2	A199.006.145.13
8	50	95	13x40	2	A199.008.135.13
10	60	105	13x40	2	A199.010.135.13
12	70	115	13x40	2	A199.012.138.13

**Reciprocating slot mortise bit**  
**Mèche à mortaiser oscillante**

D	L2	L1	S	Z	Ref.LH	Ref.RH
6	50	90	13	3	A197.006.050.13	A197.006.150.13
8	55	95	13	3	A197.008.055.13	A197.008.155.13
10	65	105	13	3	A197.010.065.13	A197.010.165.13
12	75	115	13	3	A197.012.075.13	A197.012.175.13
14	85	125	13	3	A197.014.085.13	A197.014.185.13
16	90	130	13	3	A197.016.090.13	A197.016.190.13

MEC HS

**A197**





Tel. +358 (0)3 878 650

Terätoimitus Lehtinen Oy  
Tupalankatu 9  
15680 LAHTI  
Finland

[www.teratoimitus.fi](http://www.teratoimitus.fi)

