

## Häfele Minifix® C100 Spreading bolt

- > Area of application: For one-sided installation
- > Material: Bolt: Zinc alloy, spreading sleeve: Plastic
- > Installation: Without tools

### Functionality

When the connector is tightened the double taper on the bolt spreads the sleeve and forces the threads into the wood. The stronger the tightening force acts, the securer the connection.

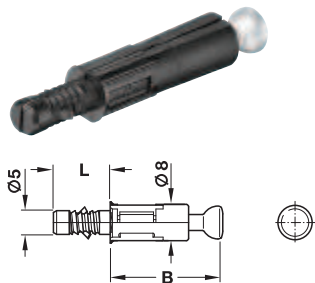
### Note

Due to the different types of panels, wood, constructions and tolerances, tests on the object are needed when high pull-out resistance is required.

- For industry, joiners and cabinet makers.  
Connecting bolt for universal use within the Minifix® connector system with special benefits:
- > Extremely installation-friendly, no tools are required
  - > No surface damage caused by insertion and removal of spreading bolt



### → For Ø 5 mm drill hole

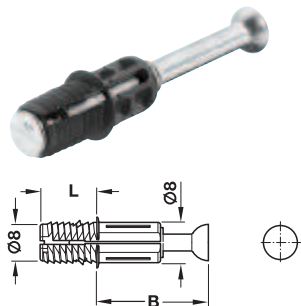


> Thread: Spreading sleeve

Thread length L mm	Drilling dim. B mm	Cat. No.
11.8	34	262.09.320

Packing: 100 or 2000 pieces

### → For Ø 8 mm drill hole

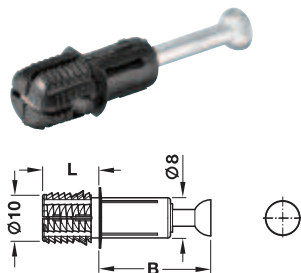


> Thread: Spreading sleeve

For wood thickness mm	Thread length L mm	Drilling dim. B mm	Cat. No.
From 15	11.5	24	262.09.202
		34	262.09.302

Packing: 100 or 2000 pieces

### → For Ø 10 mm drill hole



> Thread: Spreading sleeve

Thread length L mm	Drilling dim. B mm	Cat. No.
11.5	24	262.09.211
	34	262.09.311

Packing: 100 or 2000 pieces

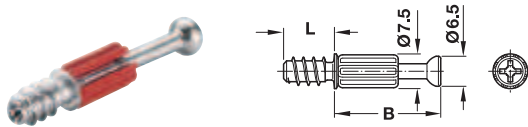
Minifix® processing aids ▶ FF 3.21

Information ▶ FF 3.8

### S200 Connecting bolt

→ For drill hole Ø 5 mm, with special thread

With Ø 6.5 mm bolt head



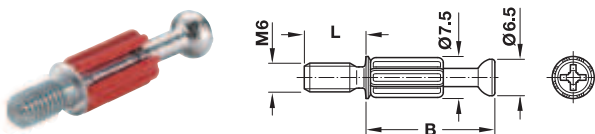
- > Material: Steel, shank: Plastic
- > Thread: Special thread
- > Drive: PZ2 cross slot

Thread length L mm	Drilling dim. B mm	Bright	Galvanized
8.5	24	262.27.680	262.27.689
	34	–	262.28.689
11	24	262.27.670	262.27.679
	34	262.28.670	262.28.679

Packing: 100 pieces

→ With M6 thread

With Ø 6.5 mm bolt head

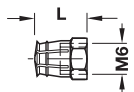


- > Material: Steel, shank: Plastic
- > Thread: M6
- > Drive: PZ2 cross slot

Thread length L mm	Drilling dim. B mm	Bright	Galvanized
7.5	34	262.28.690	262.28.699

Packing: 100 or 2000 pieces

### M6 spreading and glue-in sleeves



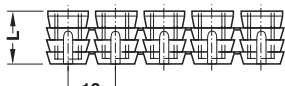
Spreading sleeve



Strip of spreading sleeves



Glue-in sleeve



Strip of glue-in sleeves

For drill hole Ø mm	Material	Length L mm	Version	Packing pieces	Cat. No.
<b>M6 spreading sleeves</b>					
8	Brass	9	Without acrylic pellets	100 or 2500	039.00.267
		12	With acrylic pellets	100 or 2000	039.00.061
10	Brass	13	–	100 or 1000	039.00.360
<b>Strip of M6 sleeves</b>					
10	Polyamide	13	–	108 or 5400	039.35.064
<b>M6 glue-in sleeves</b>					
8	Polyamide	11	–	100 or 1000	039.33.462
10	Polyamide	9	–	100 or 1000	039.33.364
		11	–	100 or 1000	039.33.266
		13	–	100 or 1000	039.33.060

Minifix® processing aids

► FF 3.21

Information

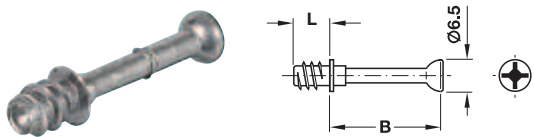
► FF 3.8



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**M100 Connecting bolt**  
→ For Ø 5 mm drill hole, with special thread

With Ø 6.5 mm bolt head



- > Material: Steel
- > Thread: Special thread
- > Drive: PZ2 cross slot

Thread length L mm	Drilling dim. B mm	Bright
8.5	24	262.27.611
	34	262.28.611

Packing: 100 or 2000 pieces

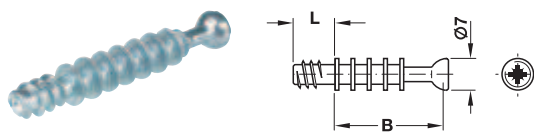


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Connector Technology

**M200 Connecting bolt**  
→ For Ø 5 mm drill hole, with special thread

With Ø 7 mm bolt head

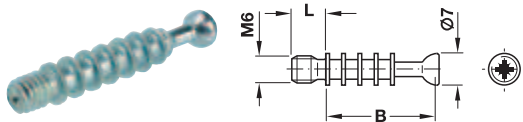


- > Material: Steel
- > Thread: Special thread
- > Drive: PZ2 cross slot

Thread length L mm	Drilling dim. B mm	Packing pieces	Galvanized
11	24	100 or 2500	262.27.627
	34	100 or 2000	262.28.624

Minifix® processing aids	► FF 3.21
Information	► FF 3.8

→ With M6 thread  
With Ø 7 mm bolt head



- > Material: Steel
- > Finish: Galvanized
- > Thread: M6
- > Drive: PZ2 cross slot

Thread length L mm	Drilling dim. B mm	Cat. No.
7.5	34	262.28.642

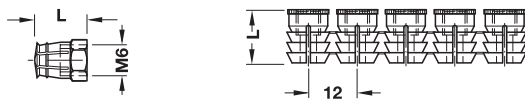
Packing: 100 or 2000 pieces



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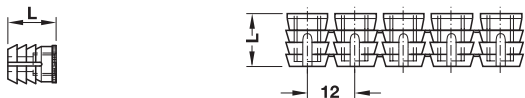
Connector Technology

M6 spreading and glue-in sleeves



Spreading sleeve

Strip of spreading sleeves



Glue-in sleeve

Strip of glue-in sleeves

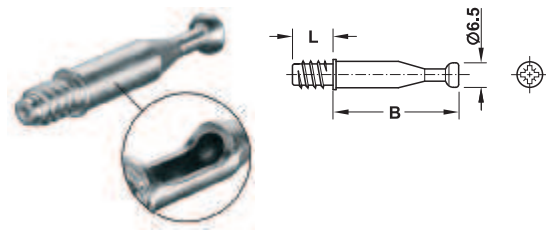
For drill hole Ø mm	Material	Length L mm	Version	Packing pieces	Cat. No.
<b>M6 spreading sleeves</b>					
8	Brass	9	Without acrylic pellets	100 or 2500	039.00.267
		12	With acrylic pellets	100 or 2000	039.00.061
10	Brass	13	–	100 or 1000	039.00.360
<b>Strip of M6 sleeves</b>					
10	Polyamide	13	–	108 or 5400	039.35.064
<b>M6 glue-in sleeves</b>					
8	Polyamide	11	–	100 or 1000	039.33.462
10	Polyamide	9	–	100 or 1000	039.33.364
		11	–	100 or 1000	039.33.266
		13	–	100 or 1000	039.33.060

Minifix® processing aids	► FF 3.21
Information	► FF 3.8

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

## Häfele Minifix® S300 Connecting bolt

→ For Ø 5 mm drill hole, with Special thread



New development from the Minifix® system:

- > Considerably more robust by increased breaking torque
- > Excellent drive provides a secure grip of the PZ2 screwdriver in the bolt head
- > Thread on entire screw-in length

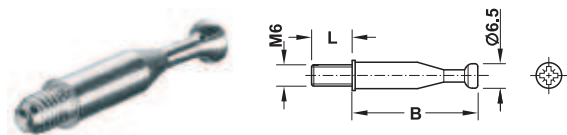


- > Material: Steel
- > Finish: Galvanized
- > Drive: PZ2 cross slot
- > Thread: Special thread

Thread length L mm	Drilling dim. B mm	Cat. No.
11	24	262.27.462
	34	262.28.462

Packing: 100 or 2000 pieces

→ With M6 thread

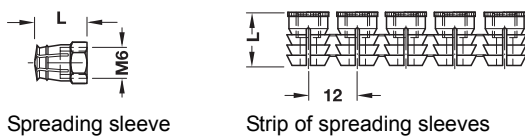


- > Material: Steel
- > Finish: Galvanized
- > Drive: PZ2 cross slot
- > Thread: M6

Thread length L mm	Drilling dim. B mm	Cat. No.
8	24	262.27.471
	34	262.28.471

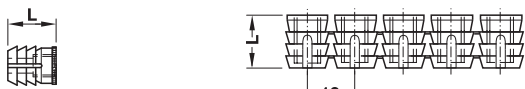
Packing: 100 or 2000 pieces

### M6 spreading and glue-in sleeves



Spreading sleeve

Strip of spreading sleeves



Glue-in sleeve

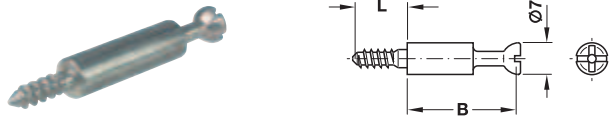
Strip of glue-in sleeves

For drill hole Ø mm	Material	Length L mm	Version	Packing pieces	Cat. No.
<b>M6 spreading sleeves</b>					
8	Brass	9	Without acrylic pellets	100 or 2500	039.00.267
		12	With acrylic pellets	100 or 2000	039.00.061
<b>Strip of M6 sleeves</b>					
10	Polyamide	13	–	108 or 5400	039.35.064
<b>M6 glue-in sleeves</b>					
8	Polyamide	11	–	100 or 1000	039.33.462
10	Polyamide	9	–	100 or 1000	039.33.364
		11	–	100 or 1000	039.33.266
		13	–	100 or 1000	039.33.060

Minifix® processing aids ▶ FF 3.21

Information ▶ FF 3.8

**Häfele Minifix® S100 Connecting bolt**  
→ For Ø 3 mm drill hole, with special thread  
With Ø 7 mm bolt head



- > Material: Steel
- > Thread: Special thread
- > Drive: PZ2 cross slot and flat blade
- > Bolt hole: 8 mm

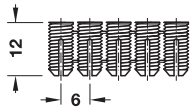
Thread length L mm	Drilling dim. B mm	Packing pieces	Galvanized
10.5	24	1000	262.27.911
12	24	100 or 1000	262.27.912
	34	100 or 1000	262.28.919



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Connector Technology

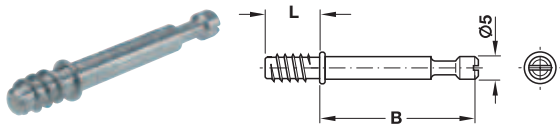
**Spreading sleeve, strip of sleeves**



For drill hole Ø mm	Material	Length mm	Cat. No.
5	Polyamide	12	042.98.051

Packing: 100, 1000 or 5000 pieces

→ For Ø 5 mm drill hole, with special thread  
With Ø 5 mm bolt head



- > Material: Steel
- > Thread: Special thread
- > Drive: Flat blade
- > Bolt hole: 5 mm

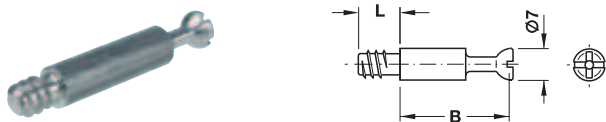
Thread length L mm	Drilling dim. B mm	Bright
12.0	34	262.28.188

Packing: 100 or 1000 pieces

**Note**

Suitable for wood thickness 12 mm as the drill hole Ø for the bolt is only 5 mm.

**With Ø 7 mm bolt head**



- > Material: Steel
- > Thread: Special thread
- > Drive: PZ2 cross slot and flat blade
- > Bolt hole: 8 mm

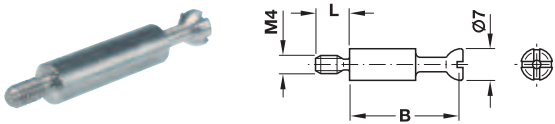
Thread length L mm	Drilling dim. B mm	Bright	Galvanized
8	24	262.27.020	262.27.920
	34	262.28.020	262.28.920
11	24	262.27.029	262.27.921
	34	262.28.026	262.28.928
15	24	262.27.234	262.27.832
	34	262.28.231	262.28.839

Packing: 100 or 1000 pieces

Information	► FF 3.8
Minifix® processing aids	► FF 3.21

→ With M4 thread

With Ø 7 mm bolt head

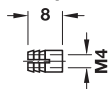


- > Material: Steel
- > Thread: M4
- > Drive: PZ2 cross slot and flat blade
- > Bolt hole: 8 mm

Thread length L mm	Drilling dim. B mm	Bright	Galvanized
7.5	24	262.27.038	262.27.930
	34	262.28.035	262.28.937

Packing: 100 or 1000 pieces

M4 spreading and glue-in sleeves



Spreading sleeve

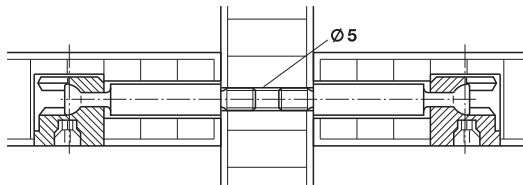
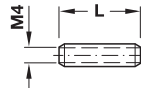


Glue-in sleeve

For drill hole Ø mm	Material	Length L mm	Cat. No.
<b>M4 spreading sleeves</b>			
5	Brass	8	051.45.004
<b>M4 glue-in sleeves</b>			
8	Polyamide	10	039.33.042
10	Polyamide	10	039.33.239
		13	039.33.033

Packing: 100 or 1000 pieces

Threaded sleeve

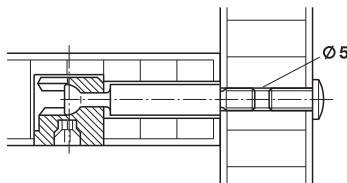
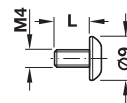


- > Area of application: For double-sided installation
- > Material: Steel

For drill hole Ø mm	Length L mm	Bright	Galvanized
5	15	267.00.011	267.00.911
	18	267.00.012	267.00.912
	22	267.00.013	267.00.913

Packing: 100 or 1000 pieces

End screw

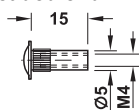


- > Area of application: Can be used as capped bolt with sleeve
- > Material: Steel

Length L mm	Nickel plated
8	020.92.711
10	020.92.720

Packing: 100 or 1000 pieces

M4 sleeve with threaded end



- > Material: Steel

For drill hole Ø mm	Length L mm	Nickel plated
5	15	267.01.711

Packing: 2000 pieces

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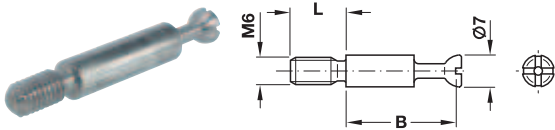
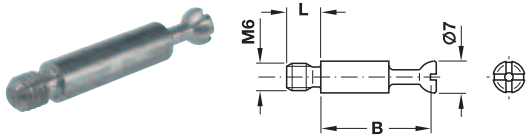
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→ With M6 thread  
With Ø 7 mm bolt head



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Connector Technology



- > Material: Steel
- > Thread: M6
- > Drive: PZ2 cross slot and flat blade
- > Bolt hole: 8 mm

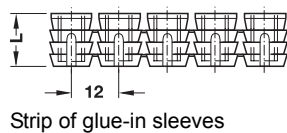
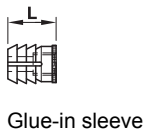
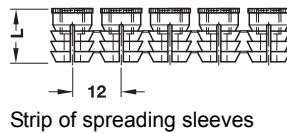
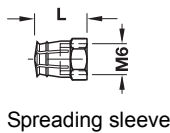
Thread length L mm	Drilling dim. B mm	Bright	Galvanized
7.5	24	262.27.047	262.27.949
	34	262.28.044	262.28.946

Packing: 100 or 1000 pieces

Thread length L mm	Drilling dim. B mm	Galvanized
12	24	262.27.941
	34	262.28.941

Packing: 100 or 1000 pieces

M6 spreading and glue-in sleeves



For drill hole Ø mm	Material	Length L mm	Version	Packing pieces	Cat. No.
<b>M6 spreading sleeves</b>					
8	Brass	9	Without acrylic pellets	100 or 2500	039.00.267
		12	With acrylic pellets	100 or 2000	039.00.061
<b>Strip of M6 sleeves</b>					
10	Polyamide	13	–	108 or 5400	039.35.064
<b>M6 glue-in sleeves</b>					
8	Polyamide	11	–	100 or 1000	039.33.462
10	Polyamide	9	–	100 or 1000	039.33.364
		11	–	100 or 1000	039.33.266
		13	–	100 or 1000	039.33.060

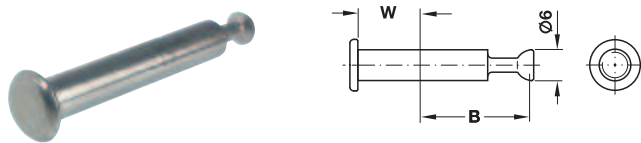
Information ▶ FF 3.8  
Minifix® processing aids ▶ FF 3.21

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.



## Capped bolts, double-ended bolts and mitre-joint connectors

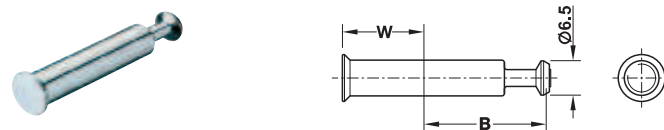
### → Capped bolt with flat head



- > Area of application: For one-sided installation with through hole
- > Material: Steel
- > Bolt hole: 8 mm
- > Type of head: Flat head
- > **Not to be used for plastic housings**

Panel thickness W mm	Drilling dim. B mm	Packing pieces	Nickel plated	Burnished
16	24	100 or 1000	262.27.755	–
	34	100 or 500	262.28.755	–
19	24	100 or 1000	262.27.765	–
	34	100 or 500	262.28.765	262.28.165

### → Capped bolt with countersunk head

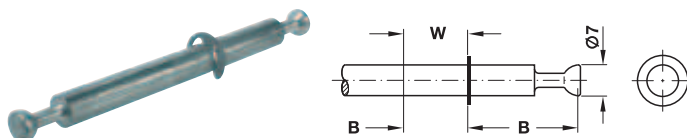


- > Area of application: For one-sided installation with through hole, for flush mounting
- > Material: Steel
- > Bolt hole: 9 mm
- > Type of head: countersunk head

Panel thickness W mm	Drilling dim. B mm	Galvanized
16	24	262.27.797

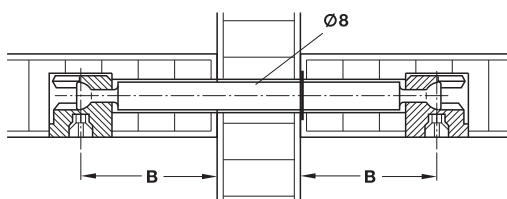
Packing: 1000 pieces

### → Double-ended bolt With snap ring



- > Area of application: For double-sided installation/centre panels
- > Material: Steel
- > Bolt hole: 8 mm

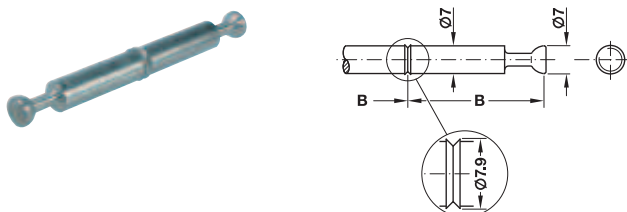
#### Installation



Double-sided installation

Finish	Panel thickness W mm	Drilling dim. B mm	Packing pieces	Cat. No.
Bright	16	24	100 or 500	262.27.109
		34	100 or 250	262.28.106
	19	24	100 or 250	262.27.118
		34	100 or 250	262.28.115
Galvanized	16	24	100 or 500	262.27.805
		34	100 or 500	262.28.802
	19	24	100 or 500	262.27.814
		34	100 or 500	262.28.811

#### With ridge

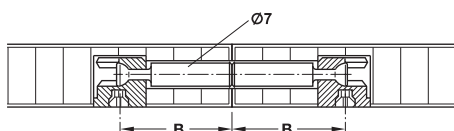


- > Area of application: For edge-to-edge joints
- > Material: Steel
- > Bolt hole: 7 mm
- > Bolt hole 7 mm avoids height offset

Drilling dim. B mm	Bright	Galvanized
34	262.28.286	262.28.786

Packing: 100 or 500 pieces

#### Installation



Edge-to-edge joint

Information ► FF 3.8

Minifix® processing aids ► FF 3.21

→ Mitre-joint connectors with joint

Note

The inset distances **F** in mm in the table apply to mitre-joint connectors with drilling dim. **B** 44 mm.

For drilling dim. **B** 24 mm, 20 mm must be deducted from the specified inset distances **F**.

The dimension for drilling depth **D** corresponds to drilling depth **D** of the Minifix® connector housing that is used.

Please use connector housing **without rim**.

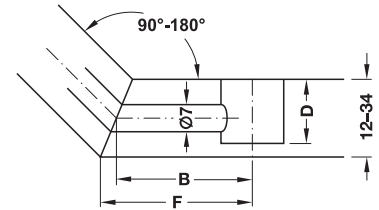
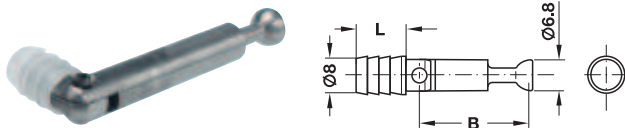


Table for inset distance **F** in mm

Mitre angle	Wood thickness mm														
	12	13	15	16	17	18	19	20	22	23	25	26	29	32	34
90°	50.0	50.5	51.0	52.0	52.5	53.0	53.5	54.0	55.0	55.5	56.0	57.0	58.5	60.0	61.0
100°	49.0	49.5	50.3	50.7	51.1	51.5	52.0	52.4	53.2	53.6	54.0	54.9	56.2	57.4	58.3
110°	48.2	48.6	49.2	49.6	50.0	50.4	50.7	51.0	51.7	52.1	52.5	53.1	54.2	55.2	56.0
120°	47.5	47.8	48.3	48.6	48.9	49.2	49.5	49.8	50.4	50.6	50.8	51.5	52.4	53.2	53.8
130°	46.8	47.0	47.4	47.7	48.0	48.3	48.4	48.7	49.1	49.4	49.7	50.1	50.8	51.5	51.9
135°	46.5	46.7	47.1	47.3	47.5	47.7	47.9	48.1	48.6	48.8	49.0	49.4	50.0	50.6	51.1
140°	46.2	46.4	46.7	46.9	47.1	47.3	47.5	47.6	48.0	48.2	48.6	48.8	49.3	49.8	50.2
150°	45.6	45.7	46.0	46.1	46.2	46.3	46.5	46.7	46.9	47.1	47.3	47.5	47.9	48.3	48.6
160°	45.0	45.1	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.3	46.6	46.8	47.0
170°	44.5	44.6	44.6	44.7	44.7	44.8	44.8	44.9	44.0	45.0	45.1	45.2	45.3	45.4	45.5
180°	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0

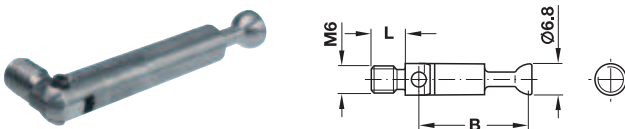
For one-sided installation, with polyamide sleeve



- > Area of application: For mitre angles of 90° to 180°
- > Thread: Polyamide sleeve with harpoon-type thread
- > Bolt hole: 7 mm

Thread length L mm	Drilling dim. B mm	Packing pieces	Galvanized
11	24	100 or 1000	262.12.822
	44	100 or 500	262.12.804

For one-sided installation, with M6 thread

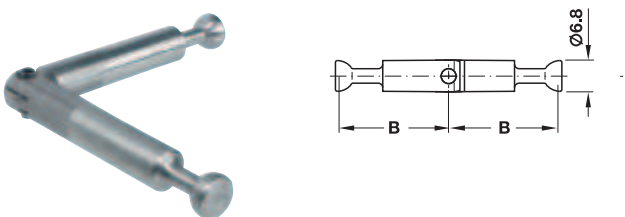


- > Area of application: For mitre angles of 90° to 180°
- > Thread: M6
- > Bolt hole: 7 mm

Thread length L mm	Drilling dim. B mm	Bright	Galvanized
7.5	24	–	262.12.840
	44	262.12.082	262.12.984

Packing: 100 or 500 pieces

For double-sided installation, double-ended bolt



- > Area of application: For mitre angles of 90° to 180°
- > Bolt hole: 7 mm

Drilling dim. B mm	Bright	Galvanized
24	–	262.12.859
44	262.12.037	262.12.939

Packing: 100 or 500 pieces



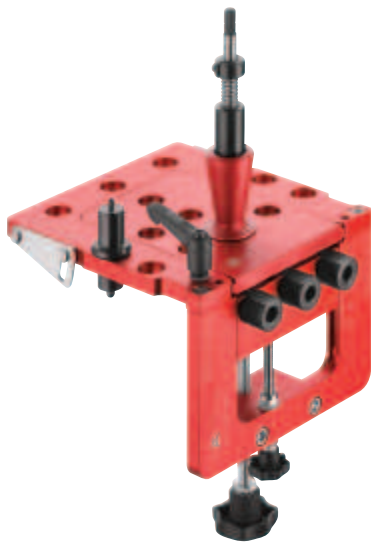
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Connector Technology

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Processing aids

→ Häfele Red Jig Drilling jig basic set



> With lasered measuring scale for aligning the insert plates

Supplied with

1 basic jig	001.25.600
1 drill guide for hole system 5 mm	001.25.620
1 depth gauge 15 for drill bit Ø 3, 5, 8, 10 mm	001.25.770
with depth gauge, stop ring, spiral spring	
with twist drill bit for wood HM Ø 5 mm	001.06.683
1 marking pin 3/5 mm	001.25.766

	Cat. No.
Häfele Red Jig drilling jig basic set	001.25.890

Packing: 1 set

Order reference

Please order additional accessories separately.

→ Häfele Red Jig Supplement for Minifix® 15 cabinet connector



Supplied with

1 Minifix® 12/15 drill guide	001.25.660
for tightening distance 24 and 34 mm	
1 depth gauge 32	001.25.771
with depth gauge, stop ring, spiral spring	
with multi-spur drill bit HM Ø 15 mm, RI	001.06.662

	Cat. No.
Red Jig supplement for Minifix® 15	001.25.891

Packing: 1 set

Order reference

If no basic components of the Red Jig drilling jig are at hand, the **basic jig** Cat. No.: **001.25.600** must also be ordered.

→ Häfele Red Jig Supplement for Minifix® 12 cabinet connector



Supplied with

1 Minifix® 12/15 drill guide	001.25.660
for tightening distance 24 and 34 mm	
1 depth gauge 32	001.25.771
with depth gauge, stop ring, spiral spring	
with multi-spur drill bit HM Ø 12 mm, RI	001.06.661

	Cat. No.
Häfele Red Jig supplement for Minifix® 12	001.25.892

Packing: 1 set

Order reference

If no basic components of the Häfele Red Jig drilling jig are at hand, the **basic jig** with Cat. No.: **001.25.600** must also be ordered.

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