





Connectors - Timber XS Series

SPECIAL ORDER

**Product information**

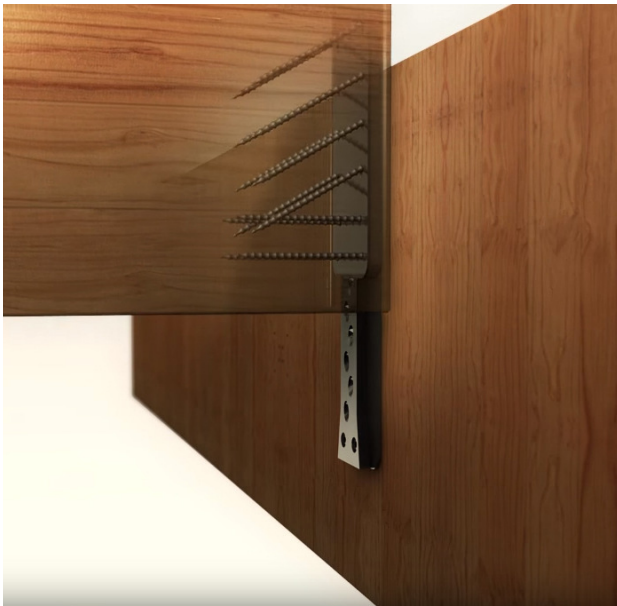
The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

Timber XS Series <sup>1</sup>			
		<b>XS 5</b>	
		Dimensions: 30 x 50mm Thickness: 12mm Minimum cross-section: MB 50x80mm, SB 50x80mm	
Screws		characteristic carrying capacity (GL 24h)	
12 units, 4.5 x 50		approx. 5 kN	
		<b>XS 10</b>	
		Dimensions: 30 x 70mm Thickness: 12mm Minimum cross-section: MB 50 x 100mm, SB 50 x 100mm	
Screws		characteristic carrying capacity (GL 24h)	
18 units, 4.5 x 50		approx. 10 kN	
		<b>XS 15</b>	
		Dimensions: 30 x 90mm Thickness: 12mm Minimum cross-section: MB 50 x 120mm, SB 50 x 120mm	
Screws		characteristic carrying capacity (GL 24h)	
21 units, 4.5 x 50		approx. 15 kN	
		<b>XS 20</b>	
		Dimensions: 30 x 110mm Thickness: 12mm Minimum cross-section: MB 50 x 140mm, SB 50 x 140mm	
Screws		characteristic carrying capacity (GL 24h)	
25 units, 4.5 x 50		approx. 20 kN	

Note - SHERPA special screws are to be used with these products.

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.  
 MB - main beam  
 SB - secondary beam

<sup>1</sup> including standard drill hole for a locking screw







## Connectors - Timber S Series

SPECIAL ORDER

### Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

Timber S Series <sup>1</sup>			
		<b>S 5</b>	
		Dimensions: 40 x 50mm	
		Thickness: 12mm	
Screws		Minimum cross-section:	
		MB 60x80mm, SB 60x80mm	
		characteristic carrying capability (GL 24h)	
12 units, 4.5 x 50		approx. 5 kN	
		<b>S 10</b>	
		Dimensions: 40 x 70mm	
		Thickness: 12mm	
		Minimum cross-section:	
		MB 60 x 100mm, SB 60 x 100mm	
		characteristic carrying capability (GL 24h)	
18 units, 4.5 x 50		approx. 10 kN	
		<b>S 15</b>	
		Dimensions: 40 x 90mm	
		Thickness: 12mm	
		Minimum cross-section:	
		MB 60 x 120mm, SB 60 x 120mm	
		characteristic carrying capability (GL 24h)	
21 units, 4.5 x 50		approx. 15 kN	
		<b>S 20</b>	
		Dimensions: 40 x 110mm	
		Thickness: 12mm	
		Minimum cross-section:	
		MB 60 x 140mm, SB 60 x 140mm	
		characteristic carrying capability (GL 24h)	
25 units, 4.5 x 50		approx. 20 kN	

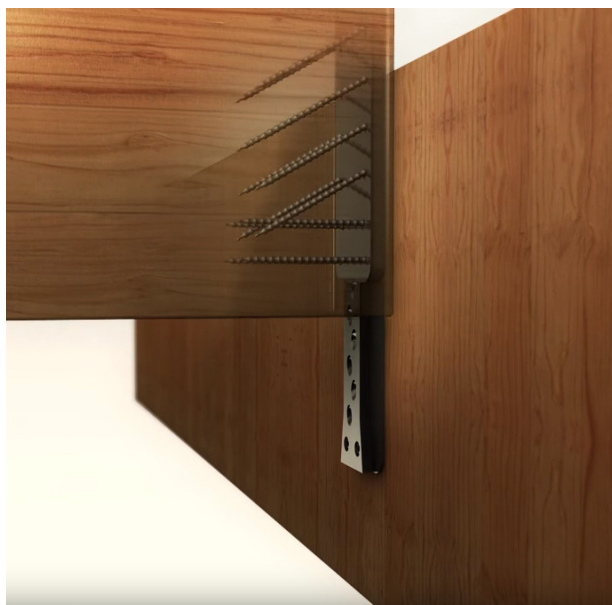
Note - SHERPA special screws are to be used with these products.

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.

MB - main beam

SB - secondary beam

<sup>1</sup> including standard drill hole for a locking screw








Connectors - Timber M Series

SPECIAL ORDER

**Product information**

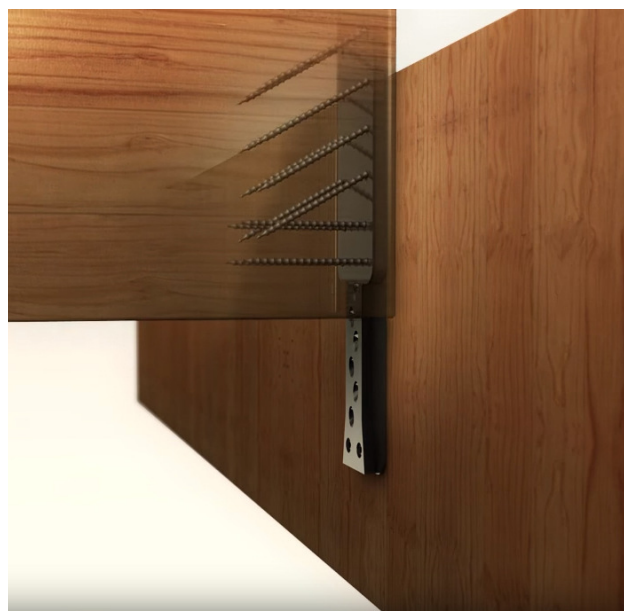
The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

Timber M Series <sup>1</sup>	
	<b>M 15</b> Dimensions: 60 x 90mm Thickness: 14mm Minimum cross-section: MB 65x120mm, SB 80x120mm
	Screws characteristic carrying capability (GL 24h) 16 units, 6.5 x 65      approx. 15 kN
	<b>M 20</b> Dimensions: 60 x 110mm Thickness: 14mm Minimum cross-section: MB 65 x 140mm, SB 80 x 140mm
	Screws characteristic carrying capability (GL 24h) 20 units, 6.5 x 65      approx. 20 kN
	<b>M 25</b> Dimensions: 60 x 130mm Thickness: 14mm Minimum cross-section: MB 65 x 160mm, SB 80 x 160mm
	Screws characteristic carrying capability (GL 24h) 23 units, 6.5 x 65      approx. 25 kN
	<b>M 30</b> Dimensions: 60 x 150mm Thickness: 14mm Minimum cross-section: MB 65 x 180mm, SB 80 x 180mm
	Screws characteristic carrying capability (GL 24h) 26 units, 6.5 x 65      approx. 30 kN
	<b>M 40</b> Dimensions: 60 x 170mm Thickness: 14mm Minimum cross-section: MB 65 x 200mm, SB 80 x 200mm
	Screws characteristic carrying capability (GL 24h) 30 units, 6.5 x 65      approx. 40 kN

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.  
MB - main beam  
SB - secondary beam

<sup>1</sup> including standard drill hole for a locking screw

Note - SHERPA special screws are to be used with these products.








Connectors - Timber L Series

SPECIAL ORDER

**Product information**

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

Timber L Series <sup>2</sup>	
	<b>L 30</b> Dimensions: 80 x 150mm Thickness: 18mm Minimum cross-section: MB 100x180mm, SB 100x180mm
Screws	characteristic carrying capability (GL 24h)
15 units, 8 x 100 fully threaded	approx. 30 kN
	<b>L 40</b> Dimensions: 80 x 170mm Thickness: 18mm Minimum cross-section: MB 100x200mm, SB 100x200mm
Screws	characteristic carrying capability (GL 24h)
18 units, 8 x 100 fully threaded	approx. 40 kN
	<b>L 50</b> Dimensions: 80 x 210mm Thickness: 18mm Minimum cross-section: MB 100x240mm, SB 100x240mm
Screws	characteristic carrying capability (GL 24h)
21 units, 8 x 100 fully threaded	approx. 50 kN
	<b>L 60</b> Dimensions: 80 x 250mm Thickness: 18mm Minimum cross-section: MB 100x280mm, SB 100x280mm
Screws	characteristic carrying capability (GL 24h)
25 units, 8 x 100 fully threaded	approx. 60 kN
	<b>L 80</b> Dimensions: 80 x 290mm Thickness: 18mm Minimum cross-section: MB 100x320mm, SB 100x320mm
Screws	characteristic carrying capability (GL 24h)
29 units, 8 x 100 fully threaded	approx. 80 kN

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.

MB - main beam

SB - secondary beam

<sup>2</sup> including standard drill holes for 2 locking screws

Note - SHERPA special screws are to be used with these products.












## Connectors - Timber XL Series

**SPECIAL ORDER**

### Product information

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

#### Timber XL Series<sup>2</sup>

	<b>XL 55</b> Dimensions: 120 x 250mm Thickness: 20mm Minimum cross-section: MB 160x280mm, SB 140x280mm characteristic carrying capability (GL 24h)		<b>XL 70</b> Dimensions: 120 x 290mm Thickness: 20mm Minimum cross-section: MB 160x320mm, SB 140x320mm characteristic carrying capability (GL 24h)
Screws 18 units, 8 x 160 fully threaded	approx. 55 kN*	Screws 21 units, 8 x 160 fully threaded	approx. 70 kN*
	<b>XL 80</b> Dimensions: 120 x 330mm Thickness: 20mm Minimum cross-section: MB 160x360mm, SB 140x360mm characteristic carrying capability (GL 24h)		<b>XL 100</b> Dimensions: 120 x 370mm Thickness: 20mm Minimum cross-section: MB 160x400mm, SB 140x400mm characteristic carrying capability (GL 24h)
Screws 24 units, 8 x 160 fully threaded	approx. 80 kN*	Screws 25 units, 8 x 160 fully threaded	approx. 100 kN*
	<b>XL 120</b> Dimensions: 120 x 410mm Thickness: 20mm Minimum cross-section: MB 160x400mm, SB 140x440mm characteristic carrying capability (GL 24h)		<b>XL 140</b> Dimensions: 120 x 450mm Thickness: 20mm Minimum cross-section: MB 160x480mm, SB 140x480mm characteristic carrying capability (GL 24h)
Screws 29 units, 8 x 160 fully threaded	approx. 120 kN*	Screws 32 units, 8 x 160 fully threaded	approx. 140 kN*
	<b>XL 170</b> Dimensions: 120 x 490mm Thickness: 20mm Minimum cross-section: MB 160x520mm, SB 140x520mm characteristic carrying capability (GL 24h)		<b>XL 190</b> Dimensions: 120 x 530mm Thickness: 20mm Minimum cross-section: MB 160x560mm, SB 140x560mm characteristic carrying capability (GL 24h)
Screws 36 units, 8 x 160 fully threaded	approx. 170 kN*	Screws 40 units, 8 x 160 fully threaded	approx. 190 kN*
	<b>XL 250</b> Dimensions: 120 x 610mm Thickness: 20mm Minimum cross-section: MB 160x640mm, SB 140x640mm characteristic carrying capability (GL 24h)	Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush. MB - main beam SB - secondary beam  <sup>2</sup> including standard drill holes for 2 locking screws * with SHERPA special screws, 8 x 160 Alternative screw lengths are 120/140/180mm	
Screws 48 units, 8 x 160 fully threaded	approx. 250 kN*		







Note - SHERPA special screws are to be used with these products.

Connectors - Timber XXL Series

SPECIAL ORDER

**Product information**

The innovative connectors are suitable for use in many different fields of construction. From working with nodal points in timber construction or roof and wall components to mixed and special structures with steel or concrete - everything is possible. Simple and fast calculation, high degree of prefabrication, and quick installation.

Timber XXL Series <sup>2</sup>			
		<b>XXL 170</b> Dimensions: 140 x 410mm Thickness: 20mm Minimum cross-section: MB 160x440mm, SB 160x440mm	 <b>XXL 190</b> Dimensions: 120 x 450mm Thickness: 20mm Minimum cross-section: MB 160x480mm, SB 160x480mm
Screws		characteristic carrying capability (GL 24h)	characteristic carrying capability (GL 24h)
37 units, 8 x 160 fully threaded		approx. 170 kN*	approx. 190 kN*
		<b>XXL 220</b> Dimensions: 140 x 490mm Thickness: 20mm Minimum cross-section: MB 160x520mm, SB 160x520mm	 <b>XXL 250</b> Dimensions: 140 x 530mm Thickness: 20mm Minimum cross-section: MB 160x560mm, SB 160x560mm
Screws		characteristic carrying capability (GL 24h)	characteristic carrying capability (GL 24h)
47 units, 8 x 160 fully threaded		approx. 220 kN*	approx. 250 kN*
		<b>XXL 280</b> Dimensions: 140 x 570mm Thickness: 20mm Minimum cross-section: MB 160x600mm, SB 160x600mm	 <b>XXL 300</b> Dimensions: 140 x 610mm Thickness: 20mm Minimum cross-section: MB 160x640mm, SB 160x640mm
Screws		characteristic carrying capability (GL 24h)	characteristic carrying capability (GL 24h)
54 units, 8 x 160 fully threaded		approx. 280 kN*	approx. 300 kN*

Note - SHERPA special screws are to be used with these products.

Minimum cross-section: minimum cross-sections apply if the upper edge of the main and secondary beams are mounted flush.  
MB - main beam  
SB - secondary beam

<sup>2</sup> including standard drill holes for 2 locking screws  
\* with SHERPA special screws, 8 x 160  
Alternative screw lengths are 120/140/180mm





## Connectors - Special Products

**SPECIAL ORDER**

### Special Products



#### Fire-stop 2.5 (fire resistant laminate)

Roller lengths [m]: 25  
Width/thickness [mm]: 20/2.5



#### Routing template case

1 x routing template  
1 x Allen key  
2 x cutters, including spacer disk