

wanzi

wire tech 100

Shelving system

Table of contents

Table of contents	2
<hr/>	
1 Warranty	4
<hr/>	
2 Safety	4
2.1 Intended use	4
2.2 Areas of use	4
2.3 Warnings and safety instructions	5
<hr/>	
3 Technical specifications	7
<hr/>	
4 General	7
4.1 Description in these operating instructions	7
4.2 Tools required	7
<hr/>	
5 Shelving systems with two uprights and one back panel	8
5.1 View	8
5.2 Installation instructions	9
5.2.1 Uprights	9
5.2.2 Position of Wanzl logo	10
5.3 Installing the basic shelving unit	11
5.3.1 Removing the lattice back panel with an extraction tool	12
5.4 Further back panels	13
5.4.1 Installing the reinforced lattice back panel	13
5.4.2 Installing a blister back panel	14
5.4.3 Installing an 8 mm / 0.3 in back panel and 19 mm / 0.8 in back panel	15
5.4.4 Installing a metal back panel	16
5.5 Installing the plinth cover	17
5.6 Installing the base metal shelf	17
5.7 Installing a reinforcing foot for the base metal shelf	18
5.8 Installing the base front grid	19
5.9 Installing a cover	19
5.10 Installing an upright extension	19
5.11 Installing the support tube	20
5.12 Installing a double bracket	21
5.13 Installing a shelf	22
5.13.1 Installation instructions	22
5.13.2 Shelf pre-assembly	22
5.13.3 Installing the shelves on the uprights	23
5.13.4 Installing the reinforcing C-profile	23
5.13.5 Console screw connections	24
5.13.6 Installing the front bracket for wire shelves	25
5.13.7 Installing a shelf separating grid	25
5.13.8 Installing a hanging basket	26
5.13.9 Installing a universal adapter	27
5.13.10 Installing a metal shelf	27
5.14 Installing the information sign holder	28
<hr/>	
6 Installing a wall attachment	29
6.1 Wall attachment	29
6.2 Adjustable wall attachment	30

7	Load chart	31
7.1	Permissible shelf load per shelf axis	31
7.1.1	Permissible load for individual shelves on the console	31
7.1.2	Permissible load for base shelf	31
7.1.3	Calculation of the permissible load of a wall-mounted shelving unit	32
7.1.4	Example calculations	33
7.1.5	With support upright	34

8	Cleaning instructions	36
----------	------------------------------	-----------

1 Warranty

Every Wanzl product undergoes a thorough final in-house check.

Any complaints that may arise despite these precautions are handled by Wanzl as follows:

Any defects which occur within 12 months of the date of delivery (or another contractually determined warranty period) will be rectified by Wanzl free of charge, provided that these defects can be proved to be due to faults in the materials or manufacture.

The warranty does not extend to parts with restricted service life such as light barriers, for example. The warranty period for rechargeable batteries is 6 months.

In carrying out repairs covered by the warranty, Wanzl is responsible for all material, assembly, travel and transport costs. No additional claims will be honored.

The 12-month warranty period (or another contractually determined warranty period) begins on the date of delivery or date of assembly by Wanzl technicians or by specialists authorized by Wanzl.

Defective parts that have been replaced become the property of Wanzl.

The full warranty only applies provided that assembly, service and repairs were carried out by Wanzl technicians or specialists authorized by Wanzl.

The warranty is not valid for damage that results from inappropriate use or external causes.

Warranty claims are rendered invalid if Wanzl does not receive written notice within 14 days of the defect becoming apparent. This notice must include the project and order number and a specific description of the defect.

The warranty period does not recommence following work carried out under the warranty.

Wanzl extends the warranty for an additional 12 months (or other contractually determined warranty period) for replacement parts.

Warranty claims expire 12 months (or another contractually determined warranty period) after receipt of the written notification at Wanzl.

2 Safety



Read these instructions carefully before assembly and commissioning.
Keep this manual for future use.

2.1 Intended use

- **Shelving system for the presentation and sale of food and non-food items in the commercial sector.**
- **Depending on the version, the shelving system described is intended for:**
 - Wall installation (with L-uprights)
 - Gondola solution (shelving unit in the middle of the space and accessible from all sides).

2.2 Areas of use

- **To only be used indoors or in external areas protected from adverse weather on a firm, even and level surface!**
- **Observe local construction and safety regulations as well as specifications set out by health authorities and regulatory agencies.**

2.3 Warnings and safety instructions



WARNING! The product may tip or break if loaded unevenly, overloaded or used improperly.

The result: Breakage of the product and risk of injury to persons and/or damage to property.

- ▶ Only place the product on a firm, even and level surface.
- ▶ Ensure that the existing floor is able to support the surface pressure exerted by the product.
- ▶ Use fastening material that is appropriate for the walls.
- ▶ Use longer screws and spacer sleeves for deeper-seated concrete layers.
- ▶ Only load the product evenly, not just on one side.
- ▶ Do not overload the product.
- ▶ Only use the product as intended.
- ▶ Do not continue to use a defective product. If necessary, have it repaired.
- ▶ Ensure that there is no danger or risk of injury to persons.



WARNING! If using a top frame or gondola end shelf, the product may tip or break if loaded haphazardly.

The result: breakage of the product and risk of injury to persons and/or damage to property.

- ▶ Always load the gondola axis first and only then the shelves of the top frame or end shelves.
- ▶ First empty the shelf at the top frame or end shelves and then the gondola axis.
- ▶ A load > the total load of the loaded shelves of the top frame or end shelves must be applied in the gondola axis (equilibrium).

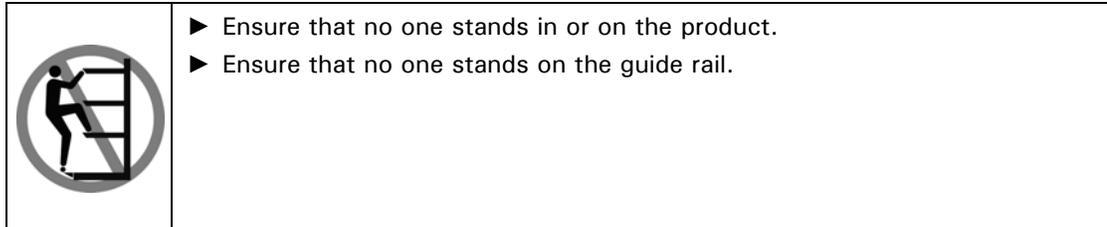


WARNING! There is a risk of injury when installing or setting up the product.

The result: injury to hands or feet due to crushing or shearing.

- ▶ Note the risk of injury to hands and feet when installing or setting up the product.
- ▶ Only have the product installed by trained and qualified staff.
- ▶ Install the shelving system with the assistance of a second person.
- ▶ Be aware of the risk of injuries from parts that may tip over during the installation.
- ▶ Wear safety gloves during the installation.
- ▶ Wear safety goggles during drilling work.

- ⚠ WARNING!** If the product is overloaded or if persons pull on or suspend things from the product, it may tip or break.
The result: Tipping over or breakage of the product and risk of injury to persons and/or damage to property.
- ▶ Please note that no-one, especially children, should hang on the product or climb on it.
 - ▶ As the operator of the store, secure the stored goods so that the stored goods are secured against falling down.
 - ▶ Secure the shelving system to be installed on the wall against tipping over by means of a wall attachment (see Chapter 6).



- ⚠ DANGER!** When retrofitting lighting fixtures, the shelving system is supplied with mains voltage which is dangerous to touch.
There is a risk to life in the event of improper installation or damaged lights.
The result: People may be endangered and injured or even killed.
- ▶ When working with the lighting fixtures or in the event of a defective lighting fixture, disconnect the mains plug of the power supply cable or switch the mains voltage off and secure it against being switched on again.
 - ▶ Fit the power supply cable such that it does not pose a tripping hazard.
 - ▶ Only connect the light element to a power socket with earthing contact or a connection with protective earthing.
 - ▶ Only use lighting retrofit kits approved by Wanzl.
 - ▶ Ensure that the electric installation is only carried out and regularly checked by Wanzl technicians or companies authorized by Wanzl.
 - ▶ Wanzl accepts no liability for installations of light fixtures by companies not authorized by Wanzl.

- Observe the installation instructions that follow.
- Unload the shelving system before transporting it to another location.
- Only transport the dismantled shelving system.
- Only use genuine Wanzl spare parts.
- Regularly carry out and keep records of maintenance work.
- Only use specialist Wanzl technicians or companies authorized by Wanzl to carry out maintenance and repair work.

3 Technical specifications



Please see the Technical Description for the views, dimensions and order numbers for the individual components.
For further technical information, please contact Technibilt's Shopfitting department at 1-800-351-2278 ext 2534.
The address can be found on the last page of these instructions.

4 General

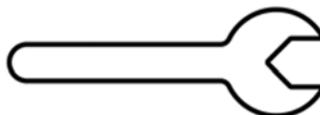
4.1 Description in these operating instructions

- The wire tech 100 shelving system is available in many variants and sizes.
- These operating instructions describe the basic structure of the shelving system.
- The installation steps shown in the installation sections only represent one example of the installation.
- Further installation instructions, which must be additionally observed, are available for special solutions and customer-specific variants.

4.2 Tools required



spirit level



SW 17 spanner tool
for adjustable feet



Gr. 5 Allen key
Tool for 180° end element
and guide tube

5 Shelving systems with two uprights and one back panel

5.1 View

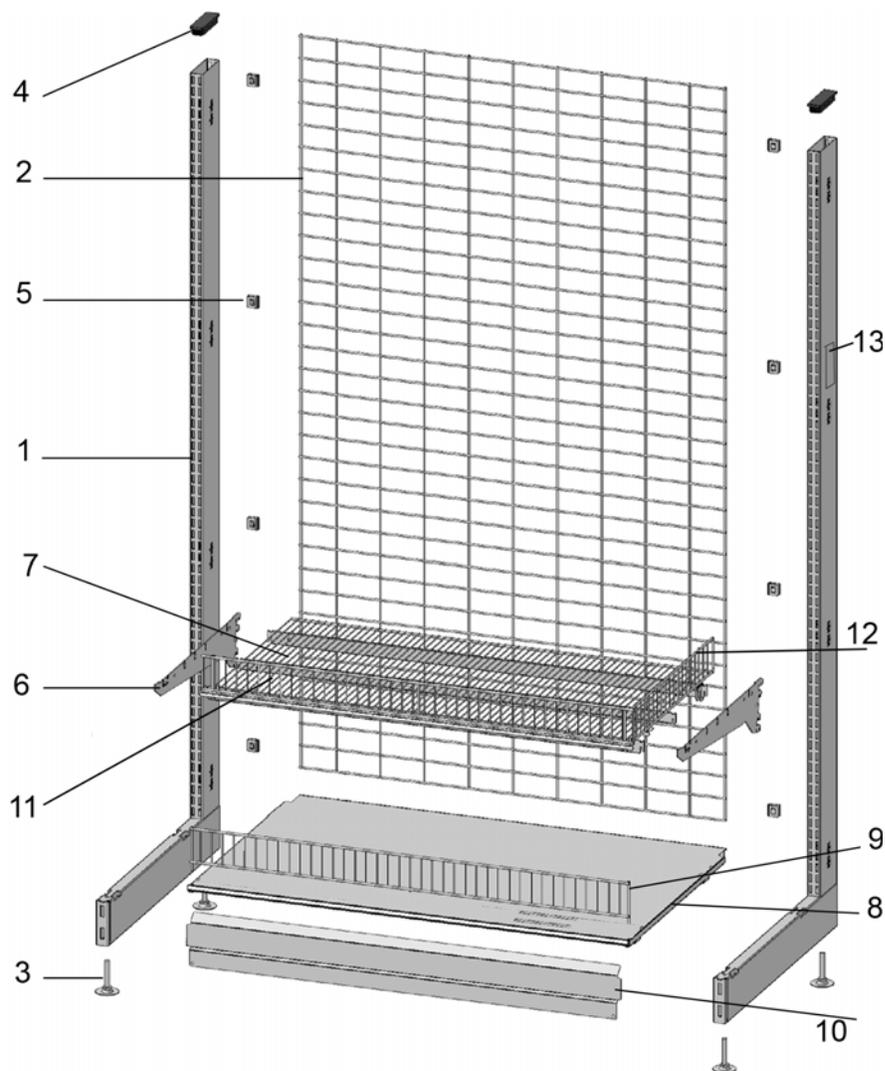


Fig. 1

Item	Name
1	L-upright or T-upright
2	Lattice back panel
3	Adjustable foot
4	Cover
5	Bracket
6	Console
7	Wire shelf

Item	Name
8	Base metal shelf
9	Front panel
10	Base cover
11	Shelf front grid
12	Shelf separating grid
13	Type plate

5.2 Installation instructions

5.2.1 Uprights

- From a shelf height of 2,240 mm / 88 in, a wall bracket is necessary without increasing the shelf load.
- Top shelf max. 1,900 mm / 74 in height, otherwise wall attachment is required.
- The shelf load should decrease the higher the shelf (see Chapter 7.1.3).
- The shelf depth should be the same or it should decrease the higher the shelf.
- The shelf height to depth ratio may not exceed 5:1, otherwise wall attachment is necessary.
- Max. shelf depth = base depth.
- No suspensions are allowed at the rear of the wall-mounted shelf.
- Mount the type plate at the beginning and end of each wall or gondola unit.

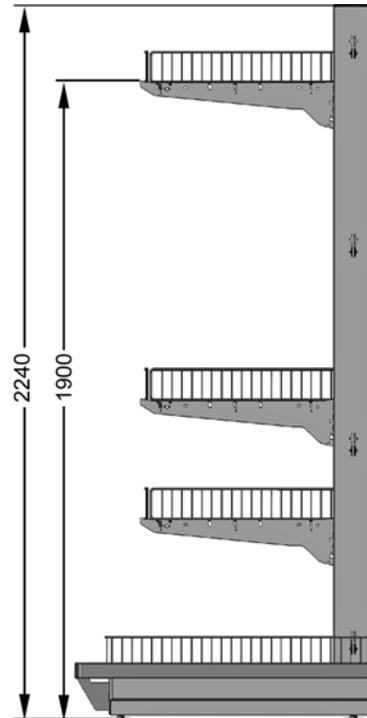


Fig. 2

- Special requirements may only be arranged after consultation; written approval is necessary.



Fig. 3 If the loads are higher, reinforced uprights must be used.

5.2.2 Position of Wanzl logo

 The Wanzl logo must be applied to the product! Please see below for the positions.
Thoroughly clean the surface to be glued beforehand (so it is free of grease and dust)!

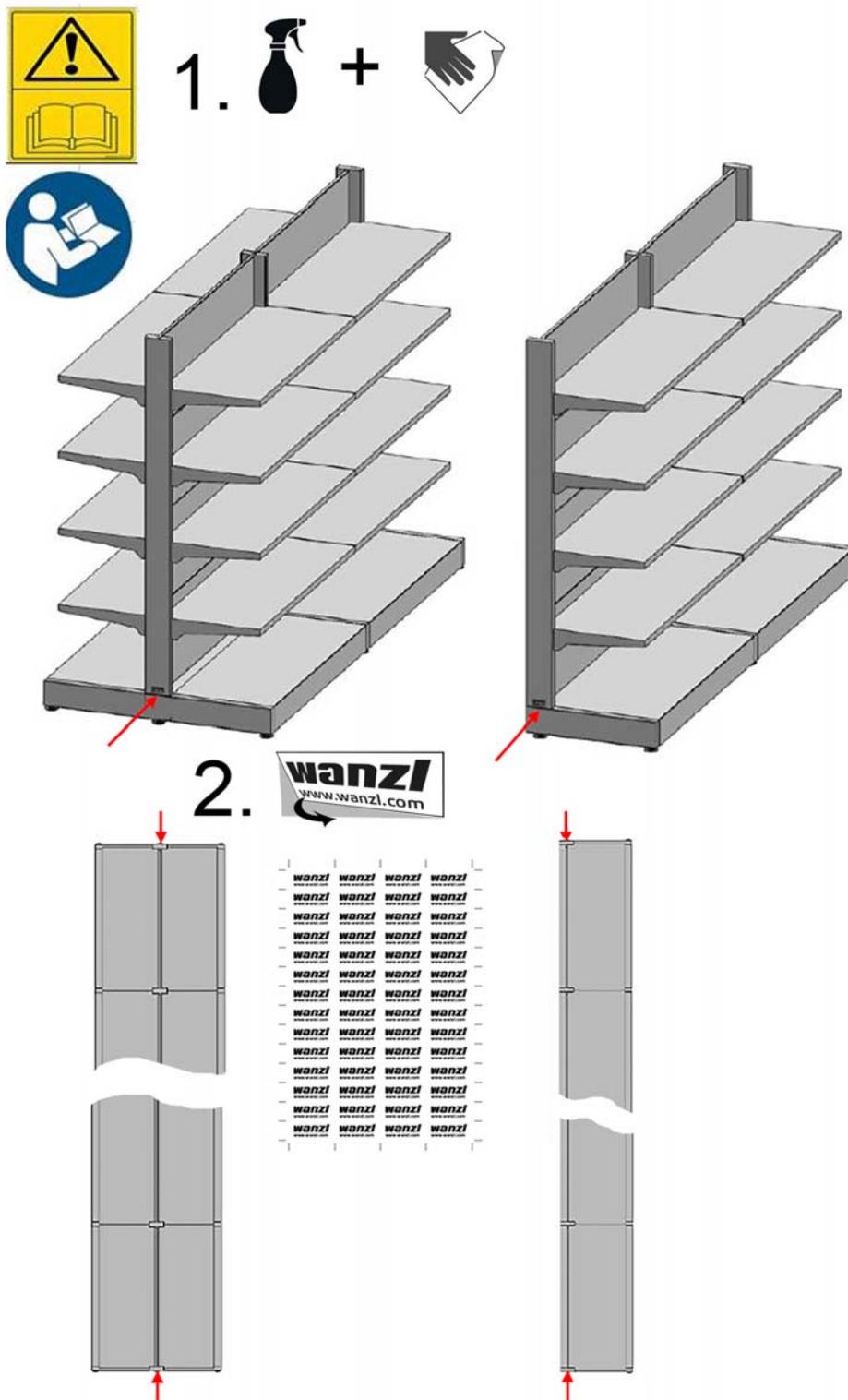


Fig. 4

5.3 Installing the basic shelving unit



The installation of the lattice back panel is shown in Fig. 5 and Fig. 6 with two L-uprights. T-uprights are shown in the remainder of the instructions.

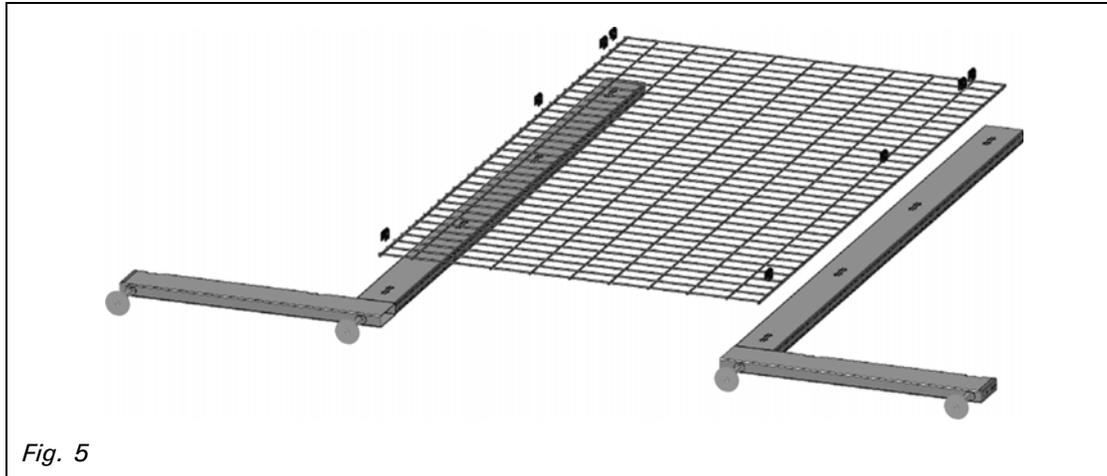


Fig. 5

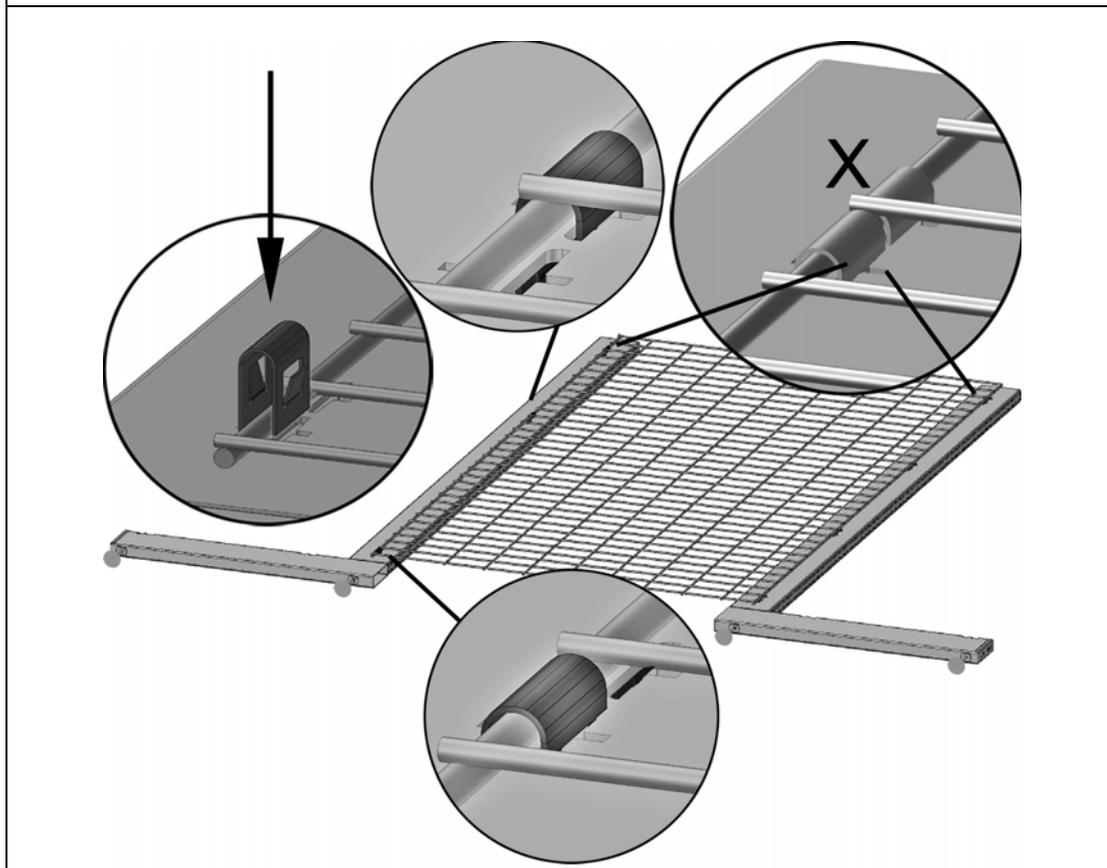
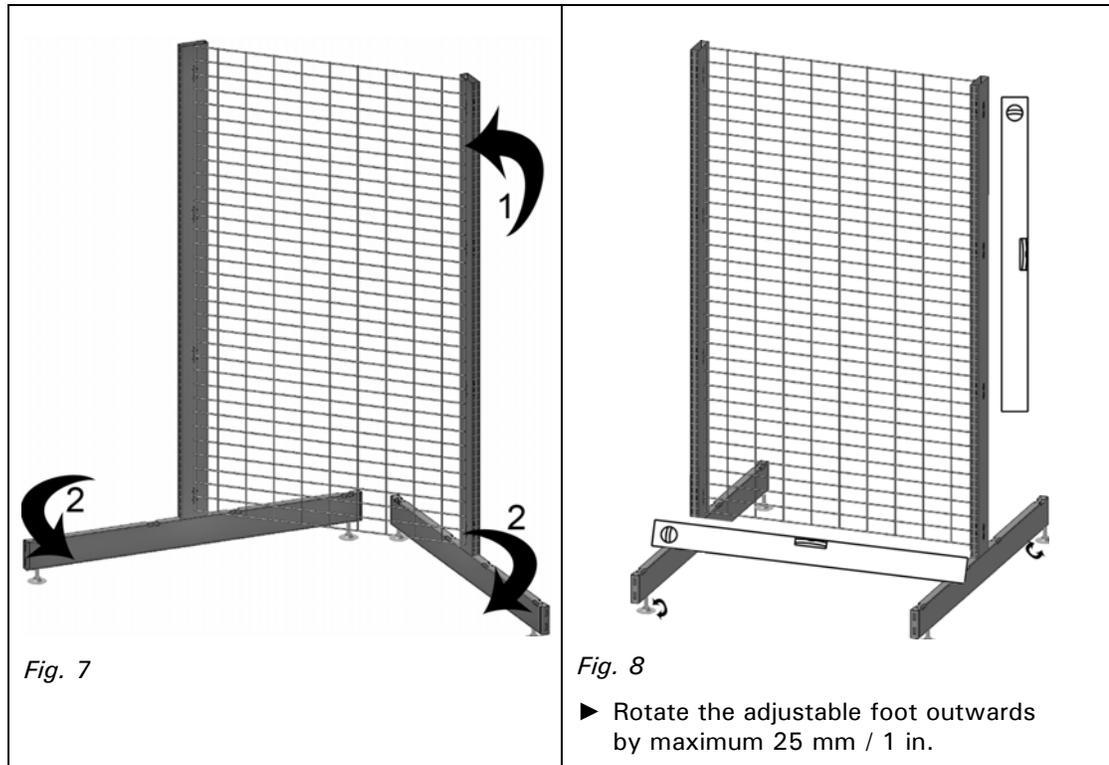
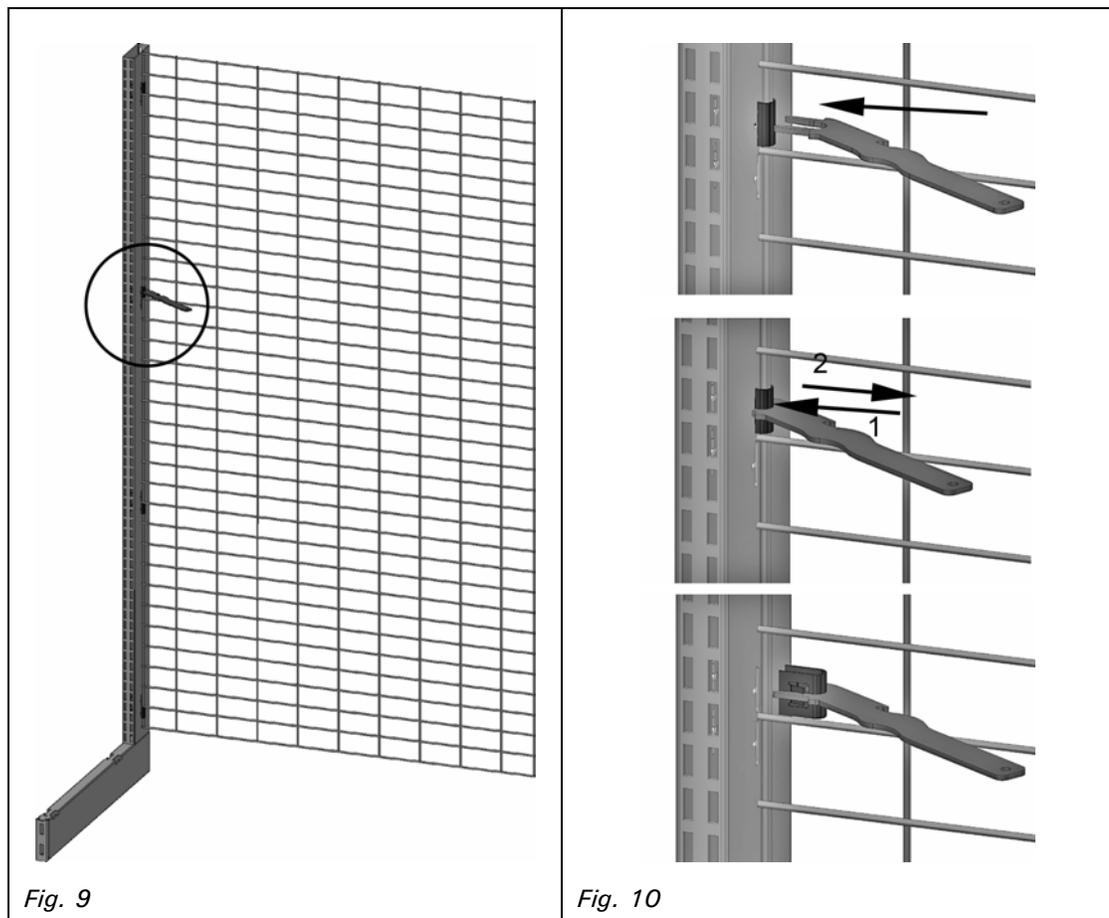


Fig. 6

- ▶ To prevent the lattice back panel from lifting out of the top upright slot, insert a bracket above and a bracket below the cross wire (X).
- ▶ Check to ensure that the brackets are firmly seated and correctly installed, e.g. by briefly pulling on the back panel. The brackets must not come out of the upright.



5.3.1 Removing the lattice back panel with an extraction tool



5.4 Further back panels

5.4.1 Installing the reinforced lattice back panel



A reinforced lattice back panel must be inserted in every first axis after a 180° end element or top frame.

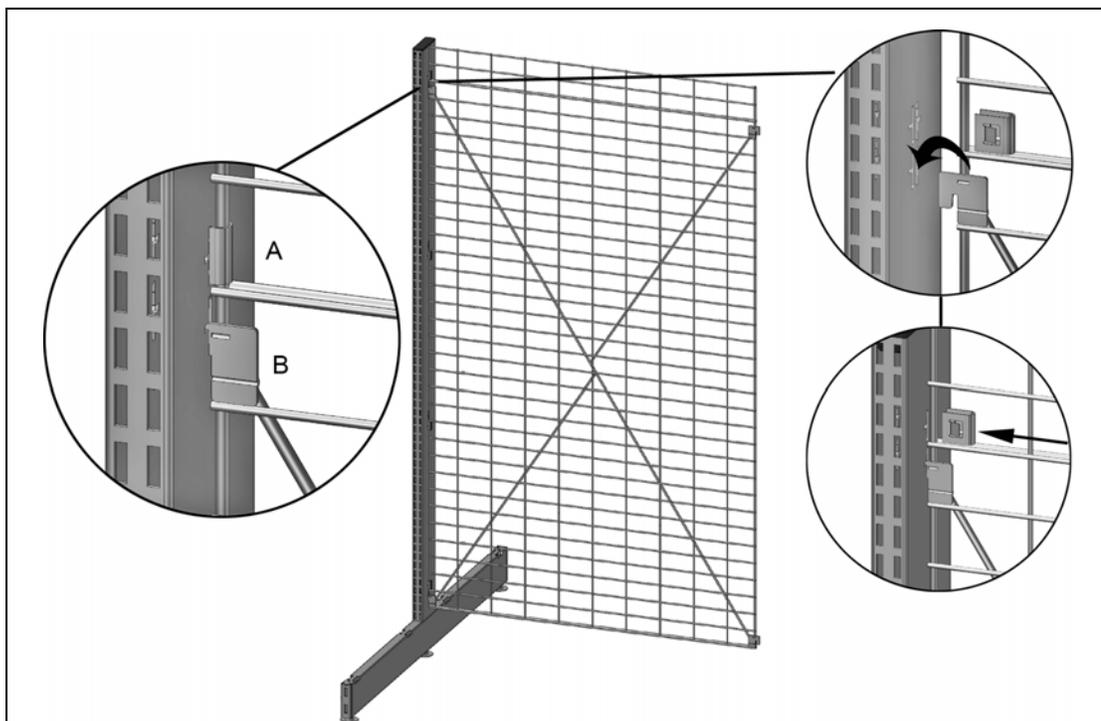


Fig. 11 A = Bracket

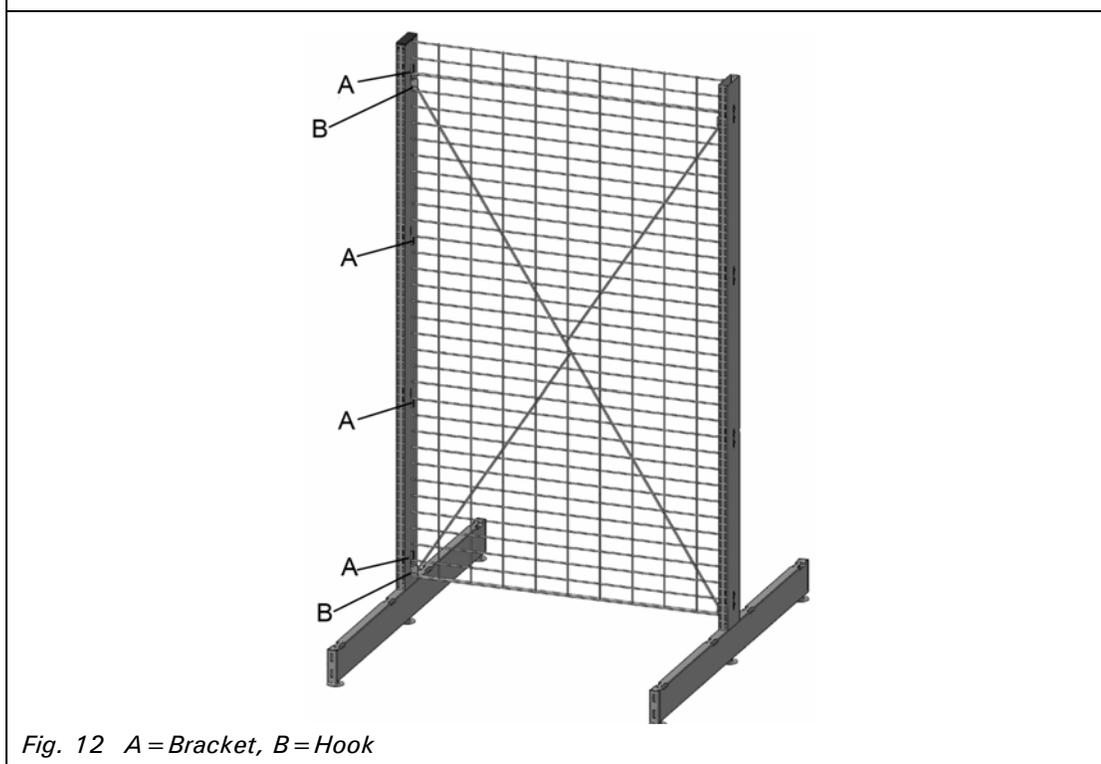


Fig. 12 A = Bracket, B = Hook

5.4.2 Installing a blister back panel

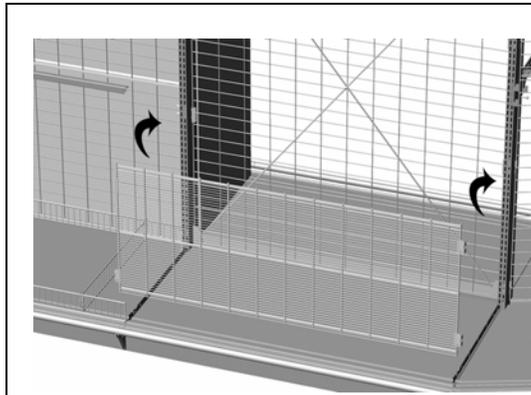


Fig. 13

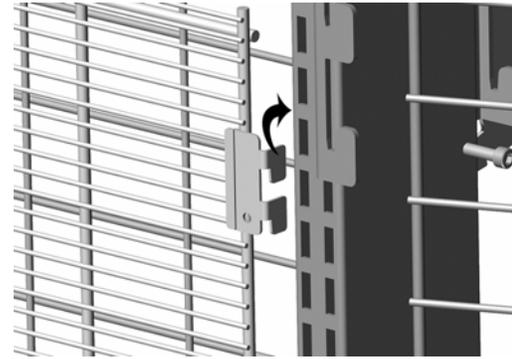


Fig. 14

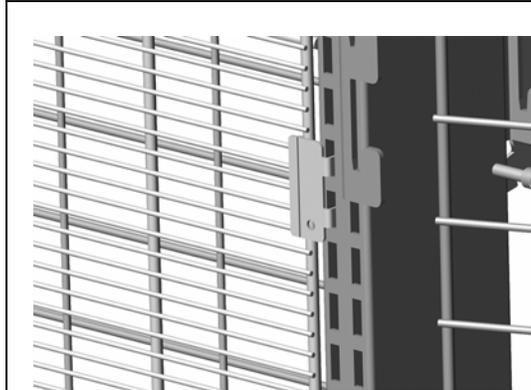


Fig. 15

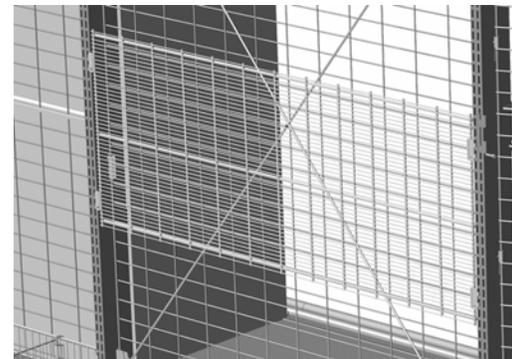


Fig. 16

5.4.3 Installing an 8 mm / 0.3 in back panel and 19 mm / 0.8 in back panel

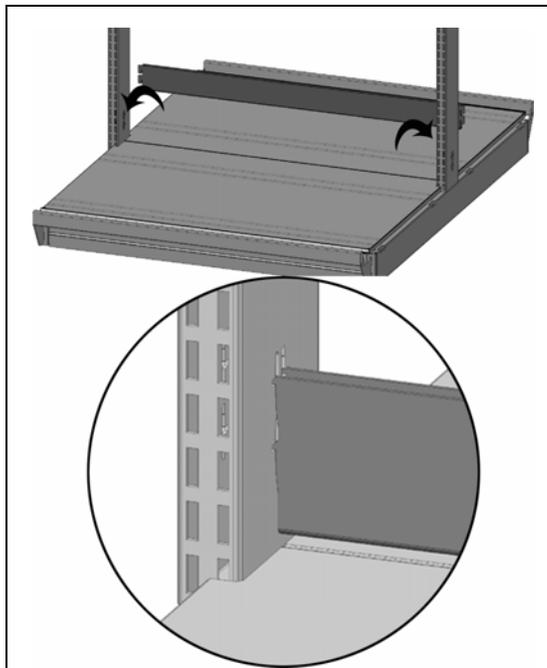


Fig. 17

- ▶ Press the cross-connector together at the open end and hang it into the slot of the upright.

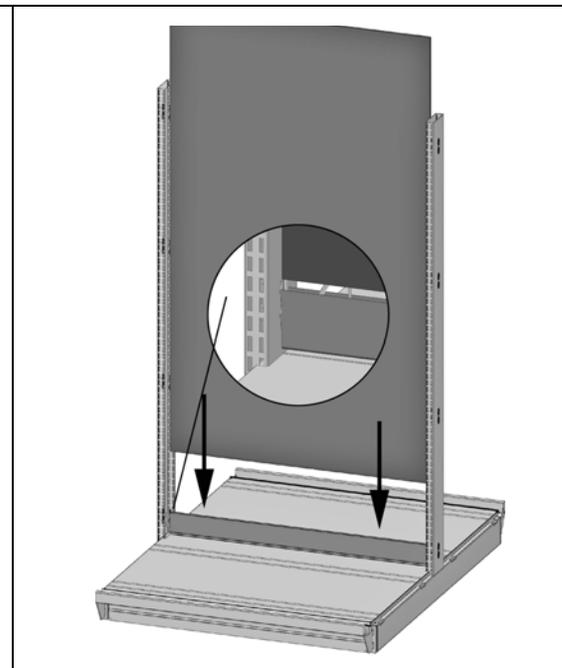


Fig. 18

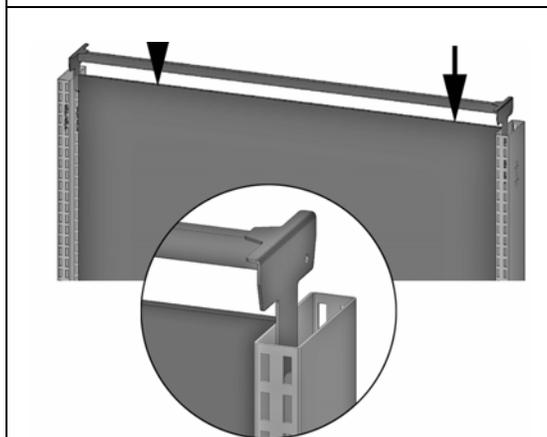


Fig. 19

- ▶ Insert the U-profile from above until it snaps into the upright.

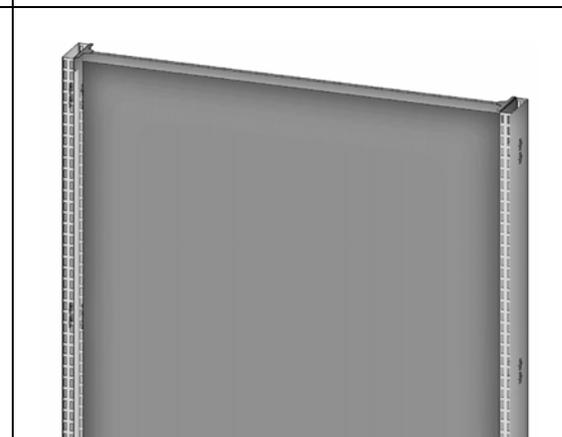


Fig. 20

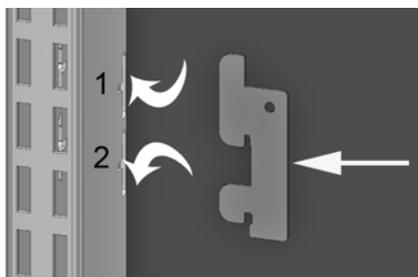


Fig. 21



Fig. 22

- ▶ Hang fixing plates on both sides to prevent the wood back panel from being pushed through.
- **Note: no fixing plates are required for the 19 mm / 0.8 in wood back panel.**

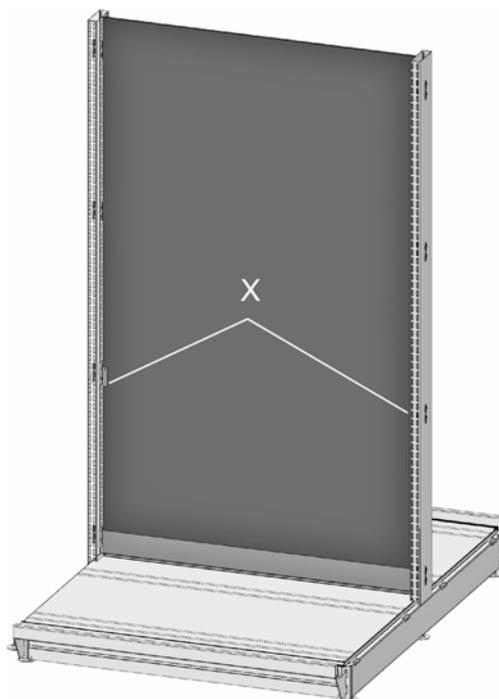


Fig. 23 X = Fixing plates

5.4.4 Installing a metal back panel

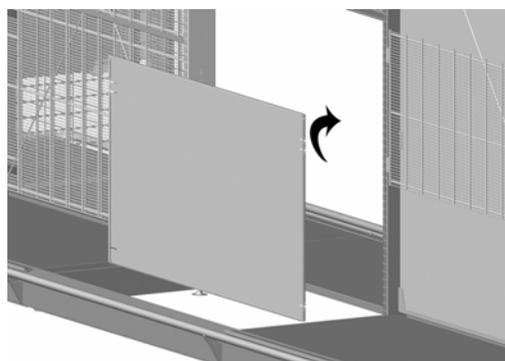


Fig. 24

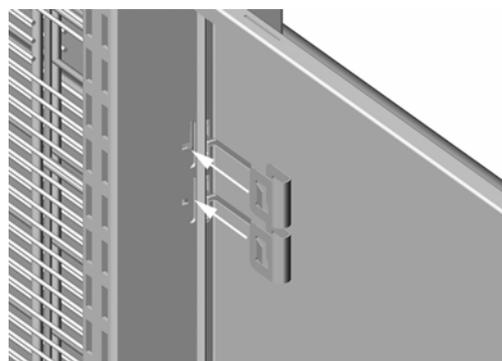
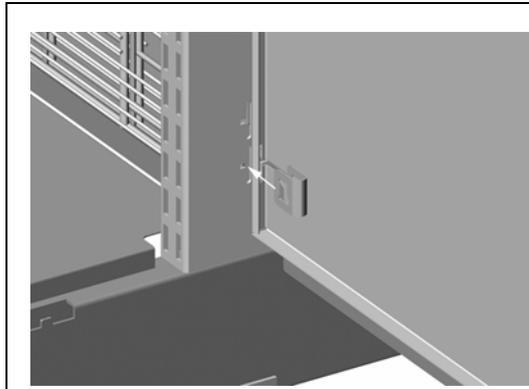
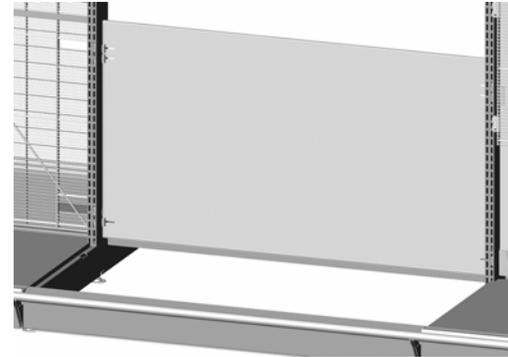
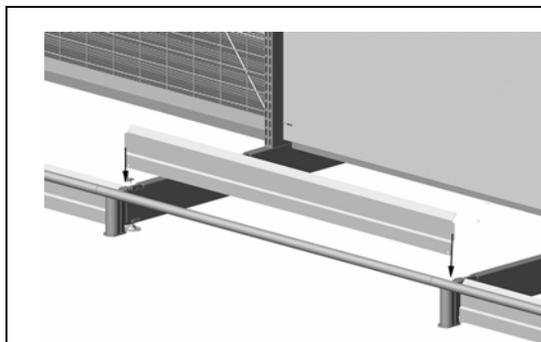
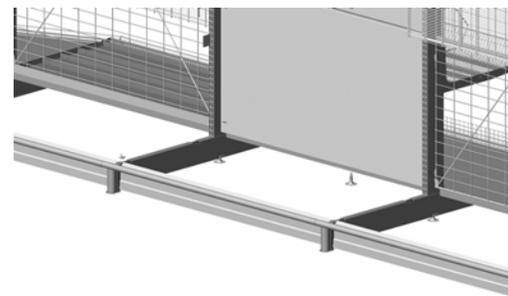


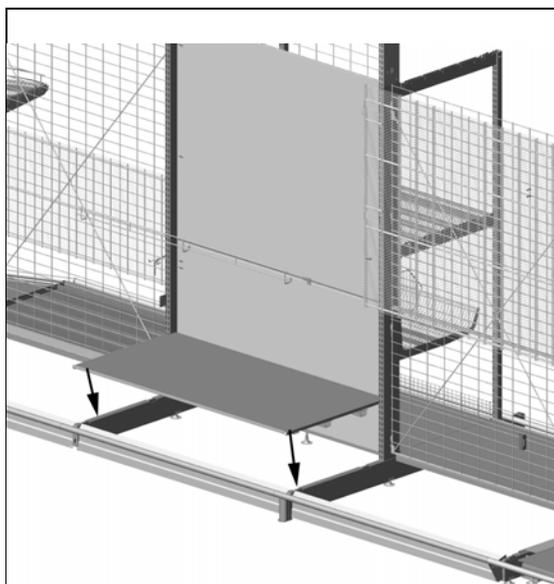
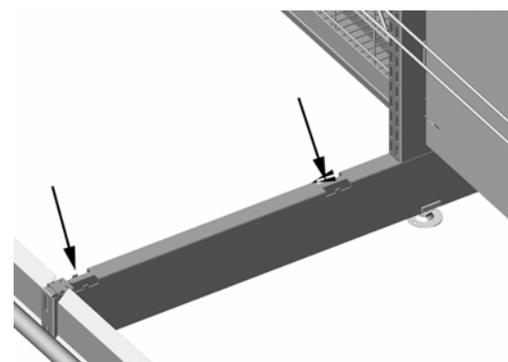
Fig. 25

*Fig. 26**Fig. 27*

5.5 Installing the plinth cover

*Fig. 28**Fig. 29*

5.6 Installing the base metal shelf

*Fig. 30**Fig. 31*

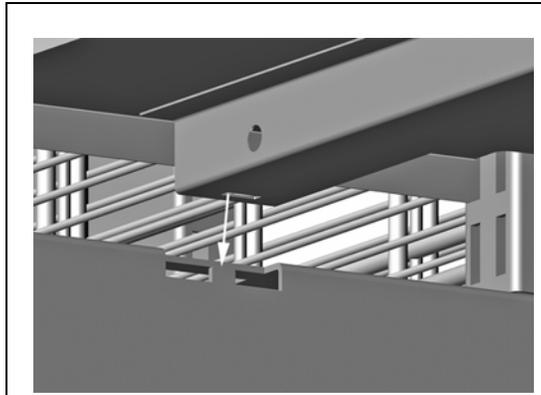


Fig. 32

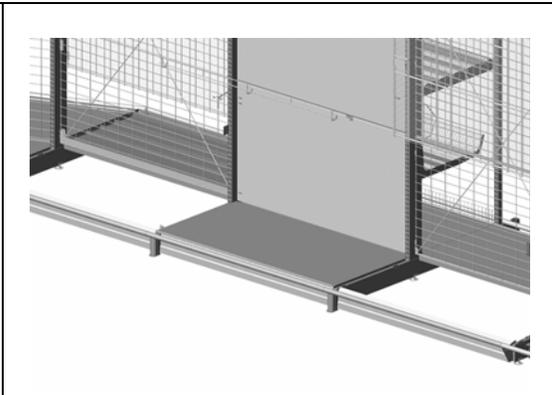


Fig. 33

5.7 Installing a reinforcing foot for the base metal shelf

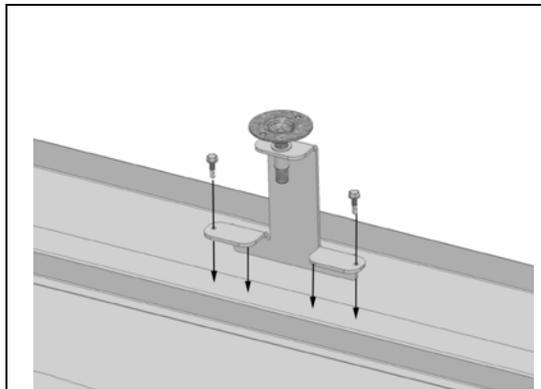


Fig. 34

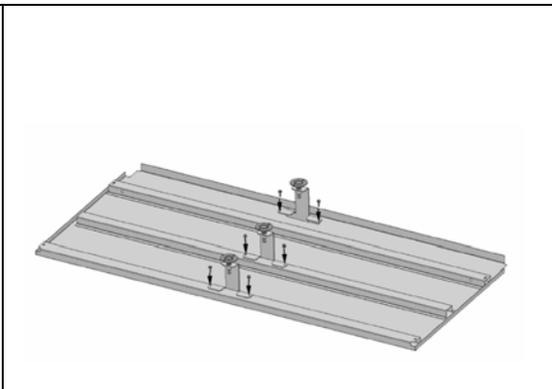


Fig. 35

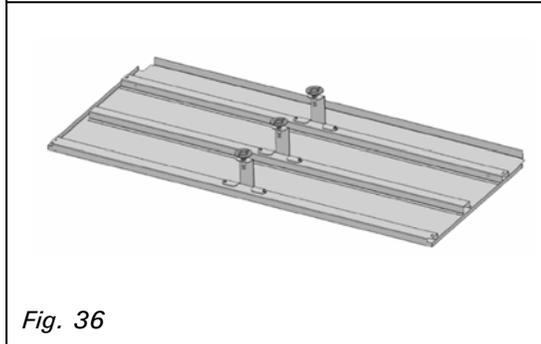


Fig. 36

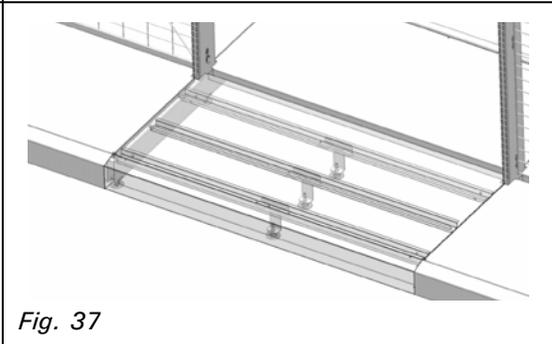


Fig. 37

5.8 Installing the base front grid

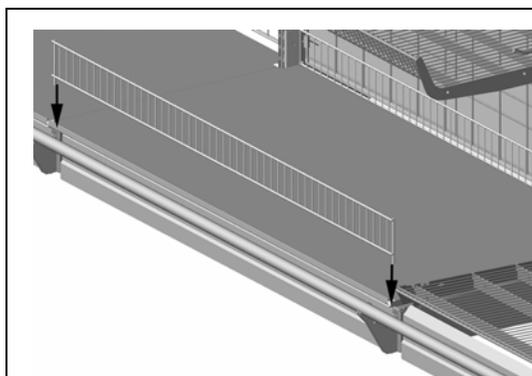


Fig. 38

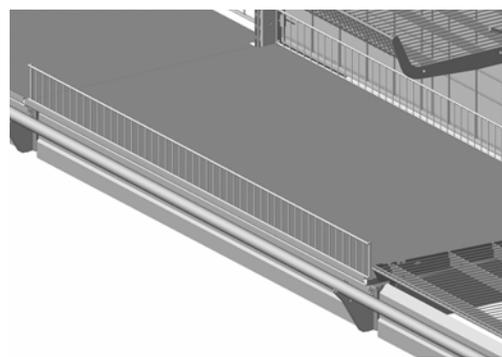


Fig. 39

5.9 Installing a cover

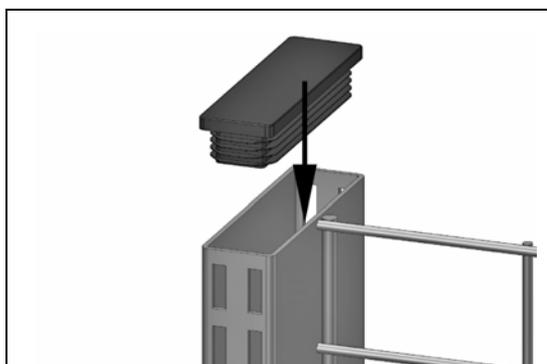


Fig. 40

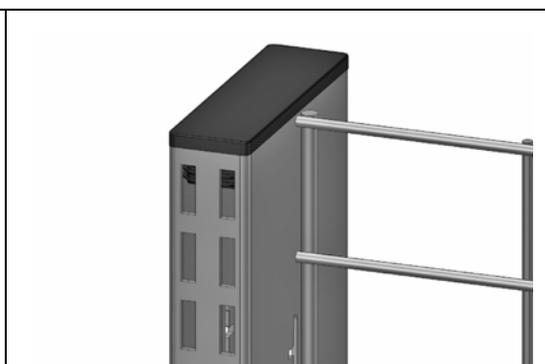


Fig. 41

5.10 Installing an upright extension



The purpose of the upright extension is only to attach decorations!

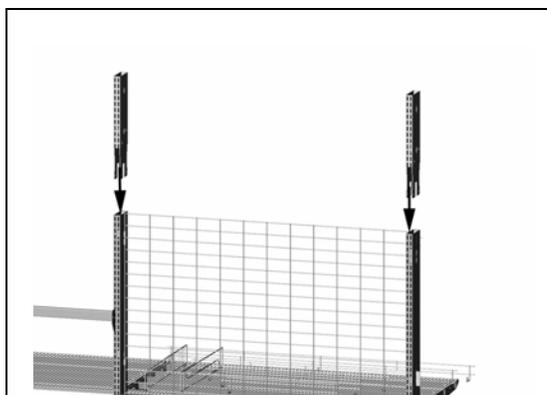


Fig. 42

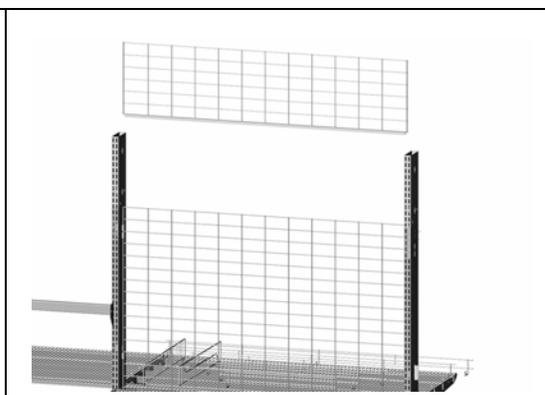


Fig. 43

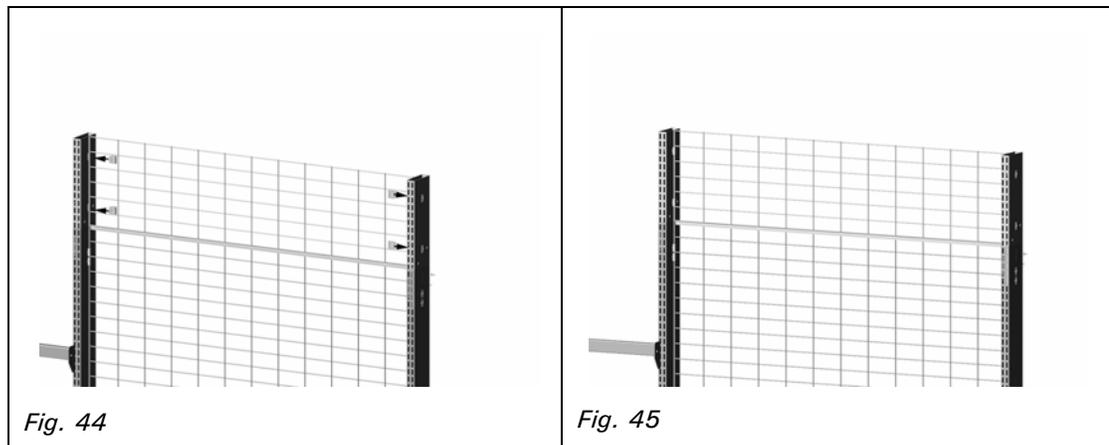


Fig. 44

Fig. 45

5.11 Installing the support tube

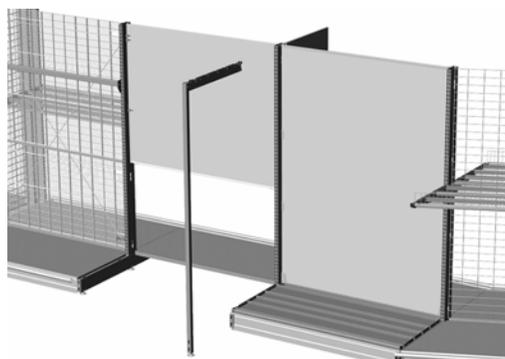


Fig. 46

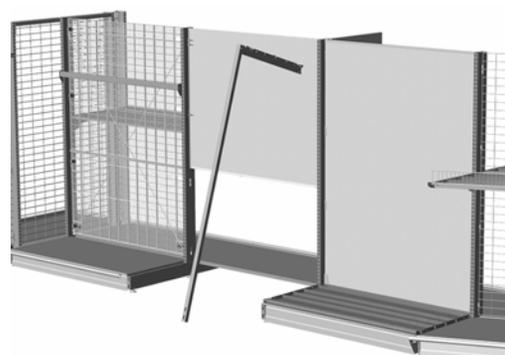


Fig. 47

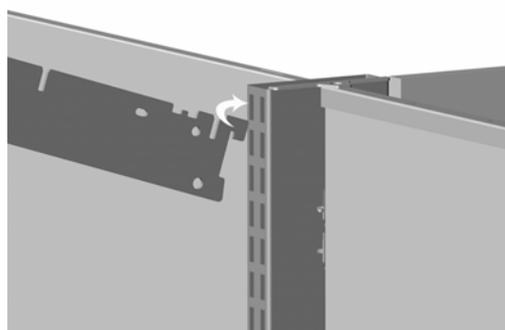


Fig. 48

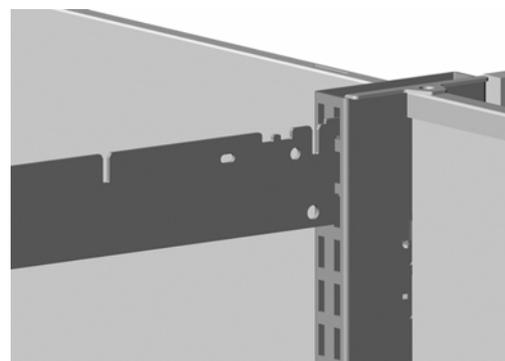


Fig. 49



Fig. 50 Both of the front adjustable feet must be set to the same height.



Fig. 51

5.12 Installing a double bracket

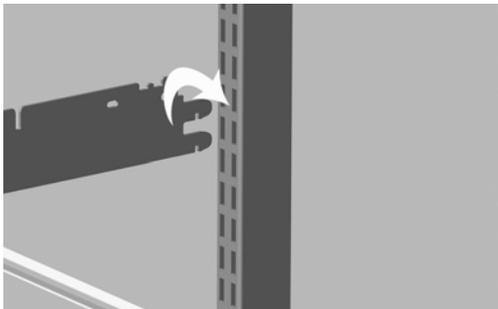


Fig. 52

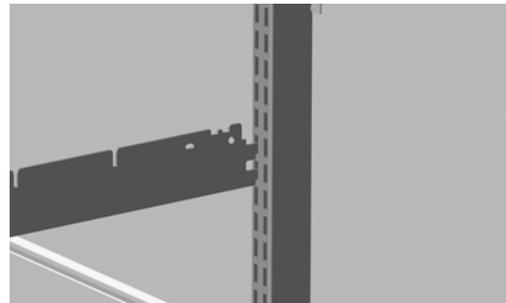


Fig. 53

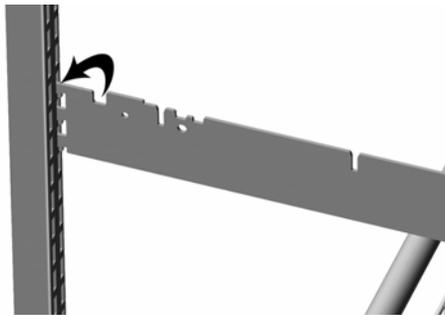


Fig. 54

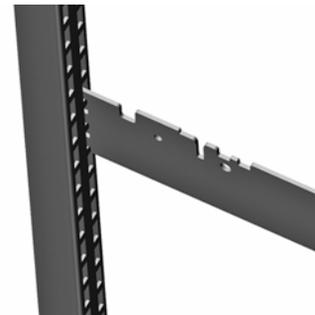


Fig. 55

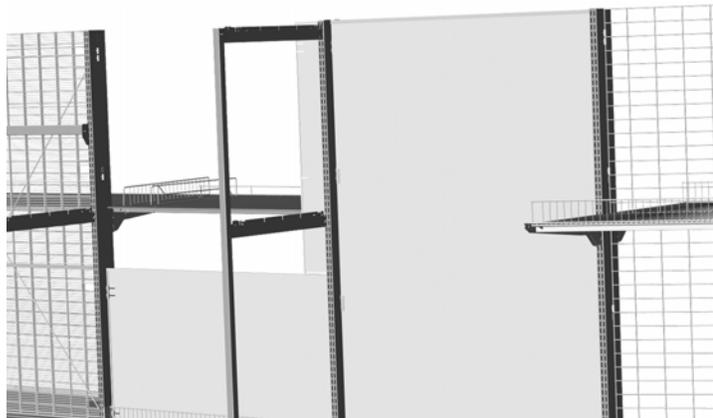


Fig. 56

5.13 Installing a shelf

5.13.1 Installation instructions

- Ensure that the load is evenly distributed over the entire shelf (surface load).
- The shelves must be locked in place in the consoles.
- A shelf may only be placed obliquely if a goods stop (front panel) is installed that can support the load.

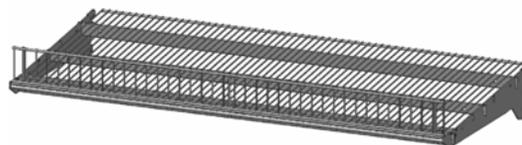
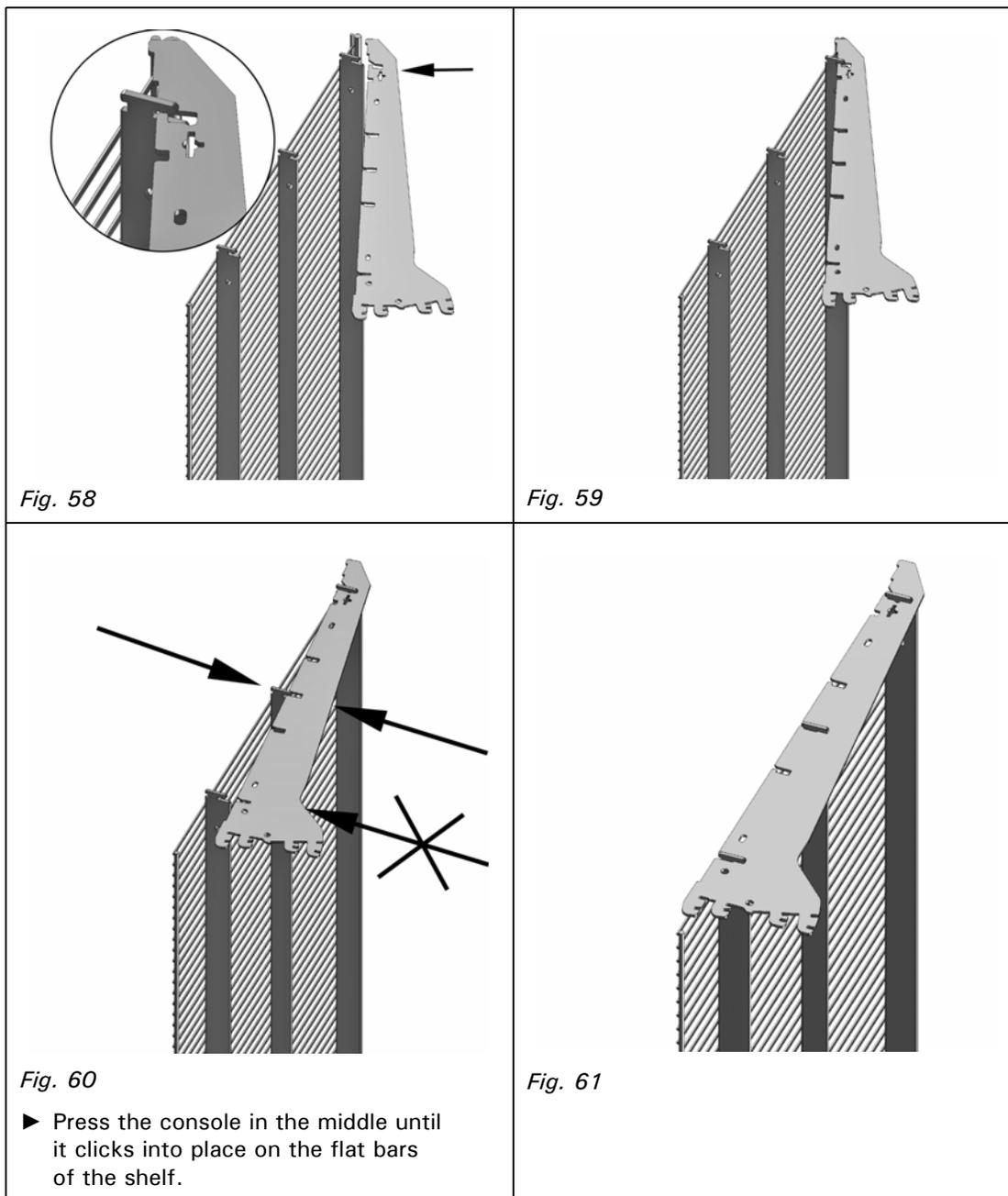


Fig. 57

5.13.2 Shelf pre-assembly



5.13.3 Installing the shelves on the uprights

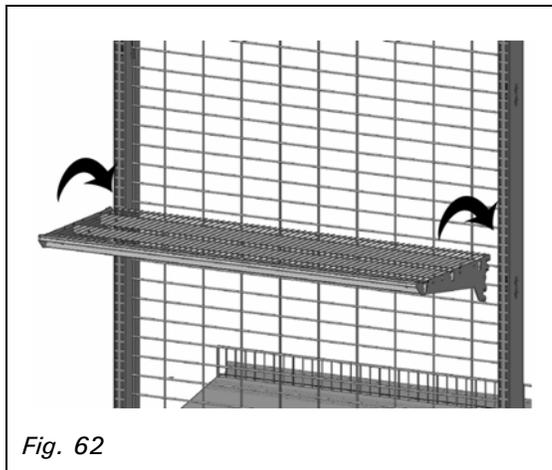


Fig. 62

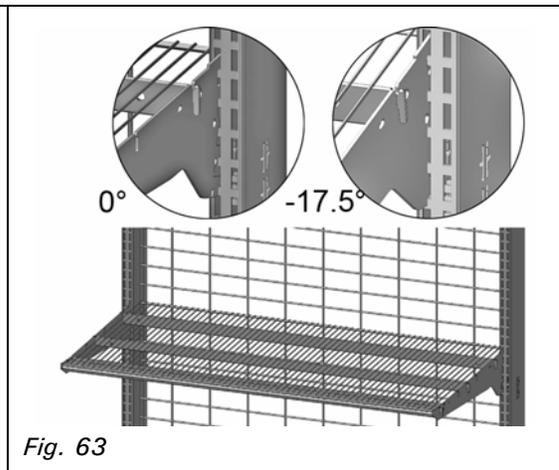


Fig. 63

5.13.4 Installing the reinforcing C-profile

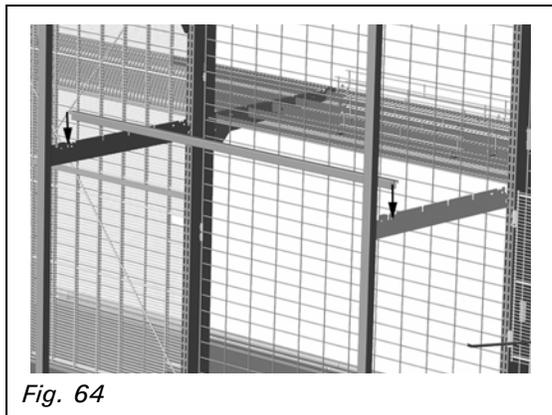


Fig. 64

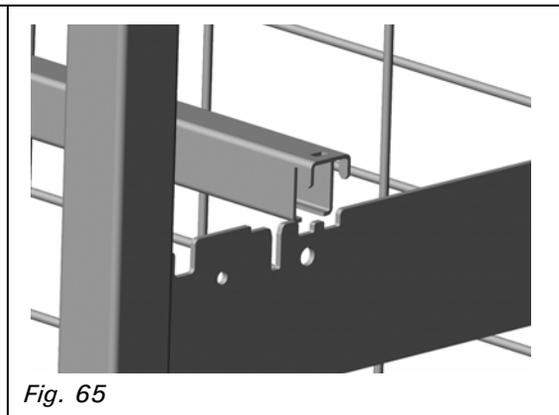


Fig. 65

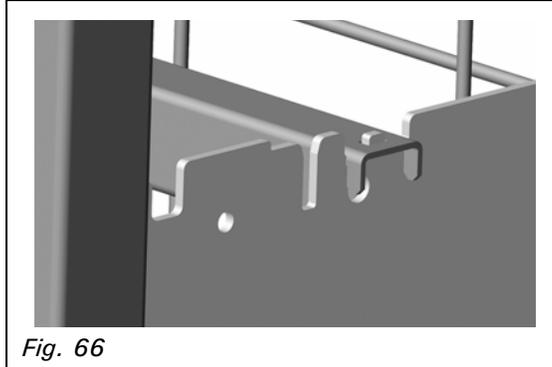


Fig. 66

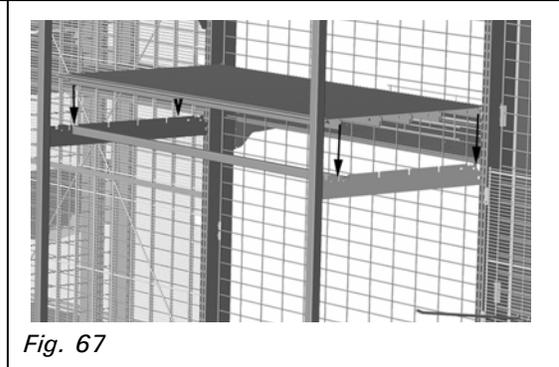


Fig. 67

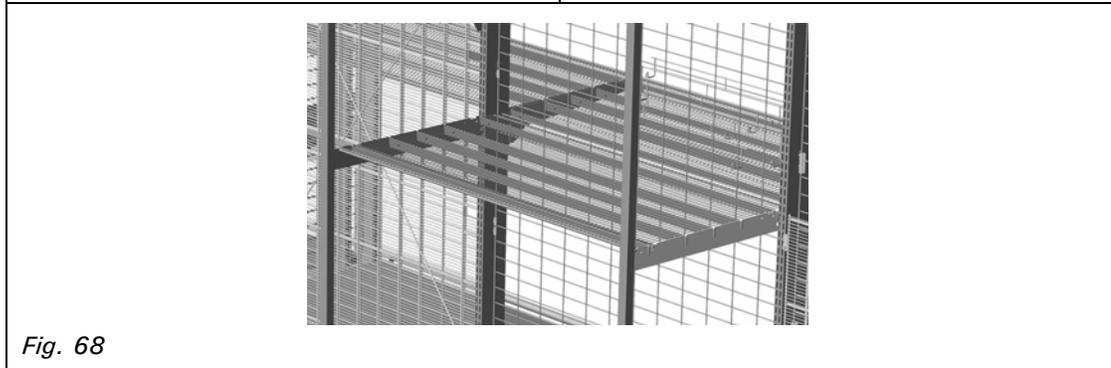


Fig. 68

5.13.5 Console screw connections

5.13.5.1 Key

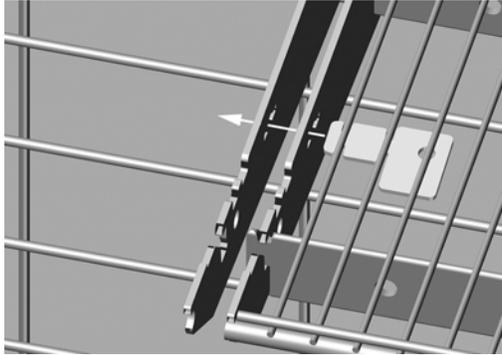


Fig. 69

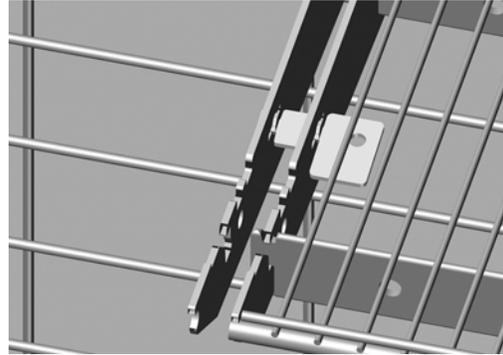


Fig. 70

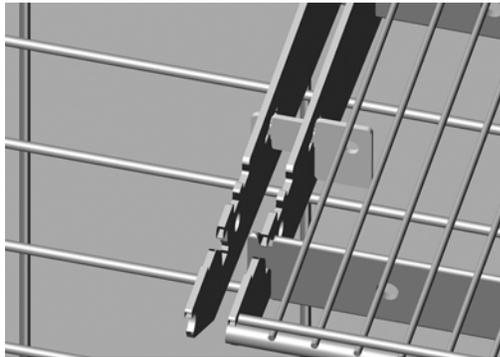


Fig. 71

5.13.5.2 Screw

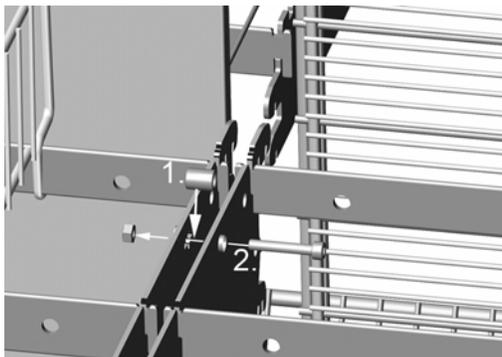


Fig. 72

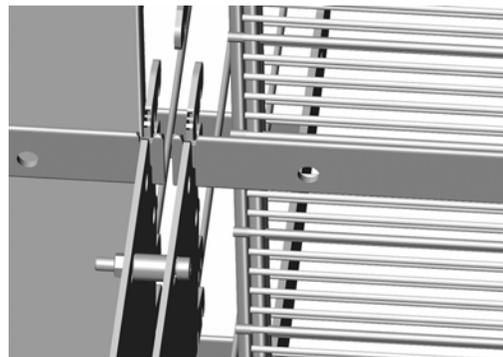


Fig. 73

5.13.6 Installing the front bracket for wire shelves

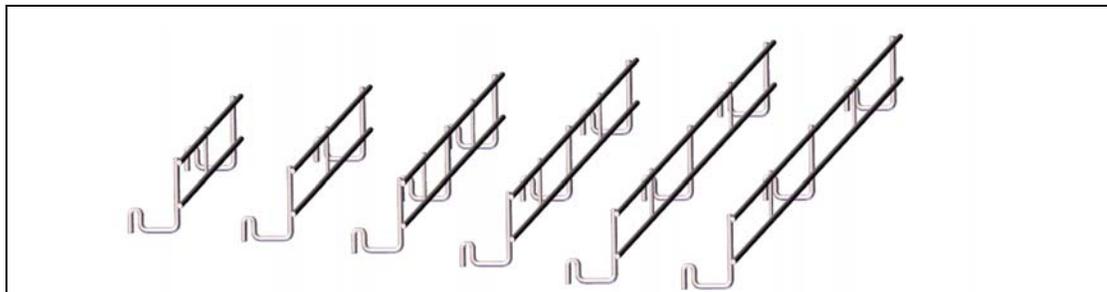


Fig. 74

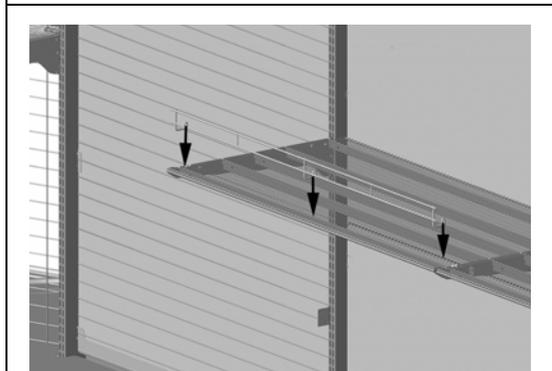


Fig. 75

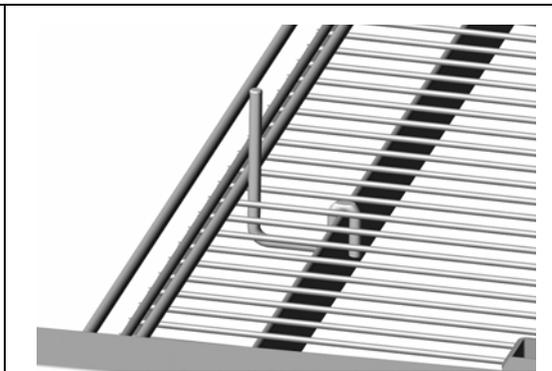


Fig. 76

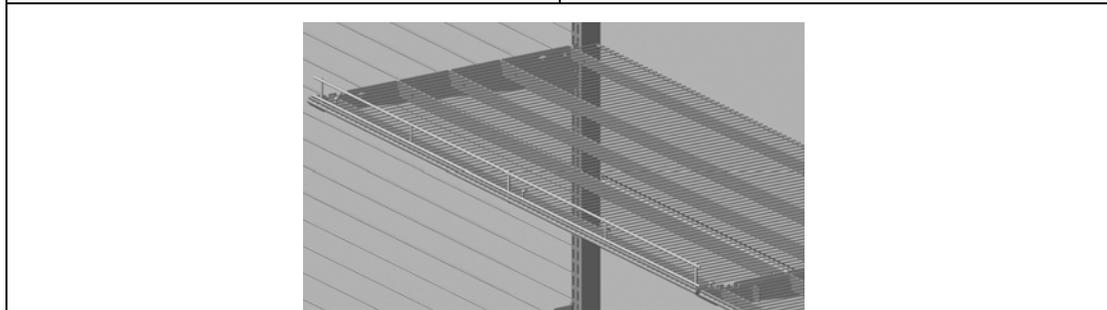


Fig. 77

5.13.7 Installing a shelf separating grid

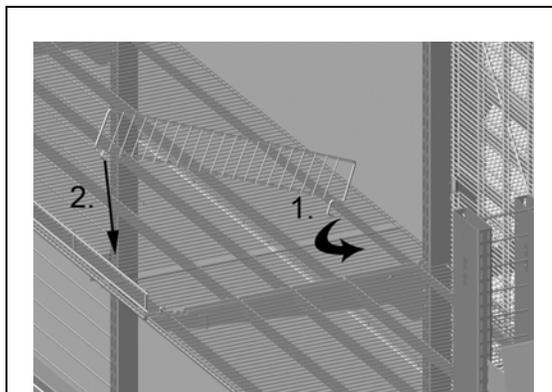


Fig. 78

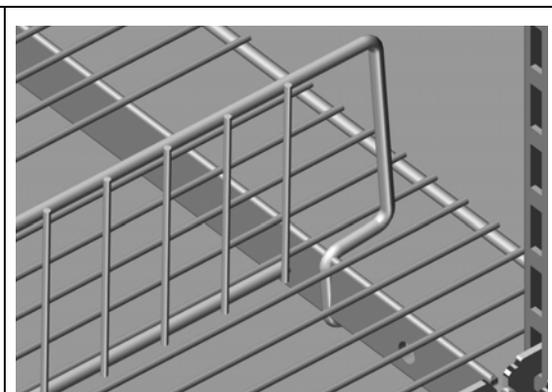


Fig. 79

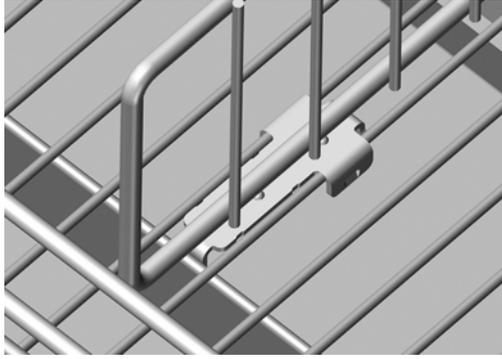


Fig. 80

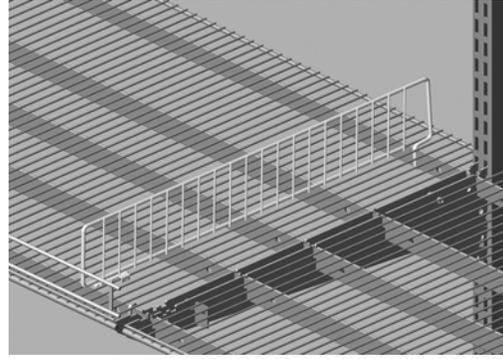


Fig. 81

5.13.8 Installing a hanging basket

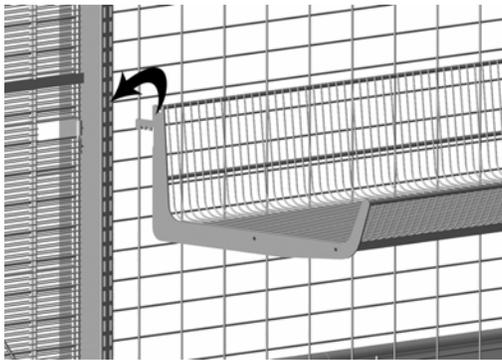


Fig. 82

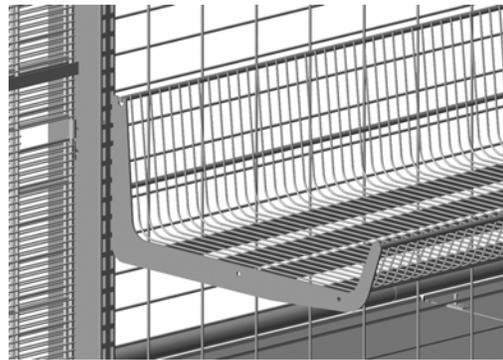


Fig. 83

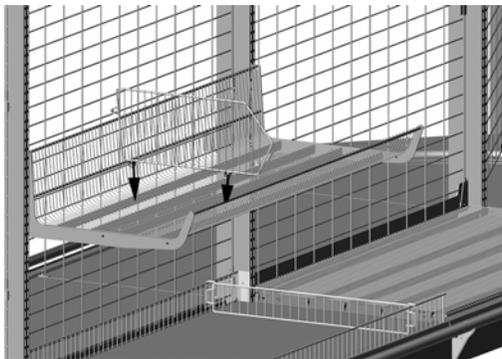


Fig. 84



Fig. 85

5.13.9 Installing a universal adapter

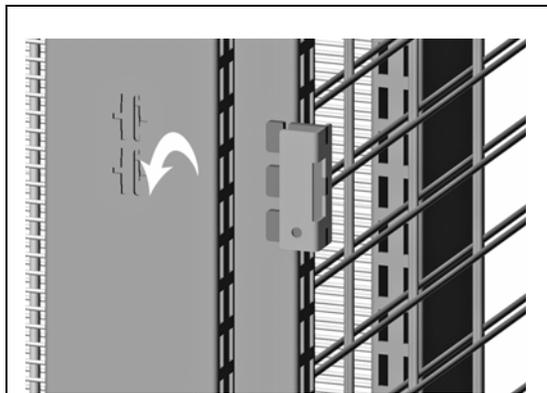


Fig. 86

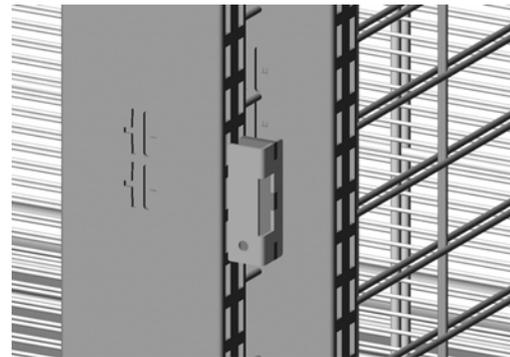


Fig. 87

5.13.10 Installing a metal shelf

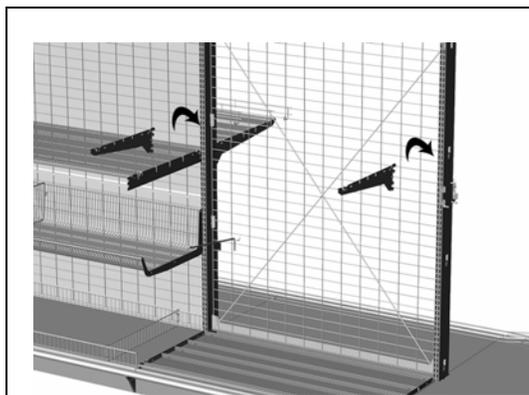


Fig. 88

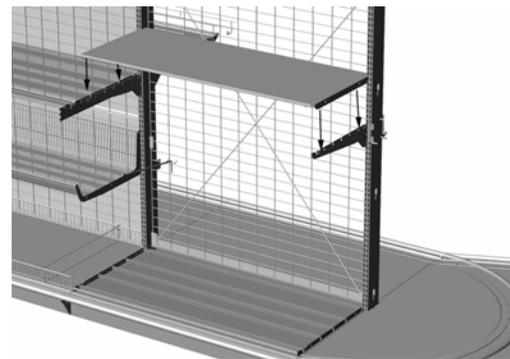


Fig. 89

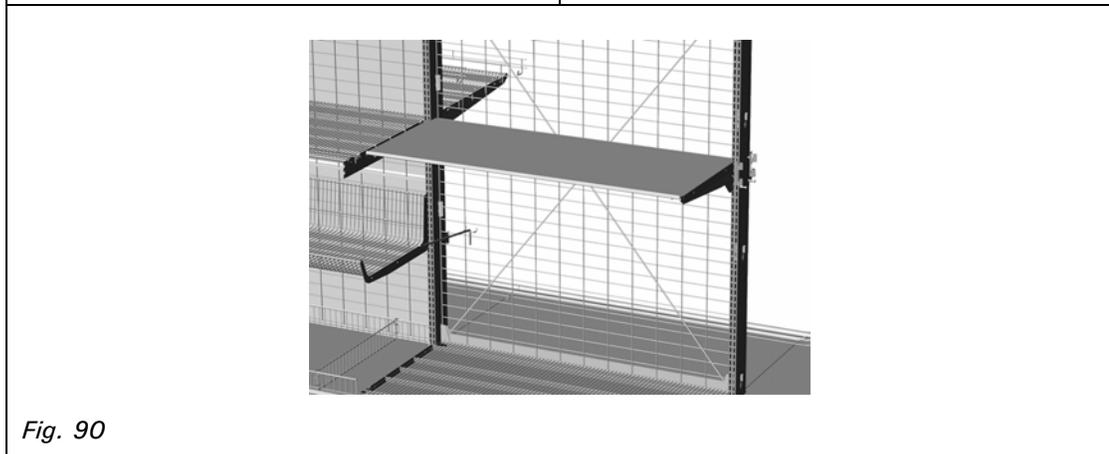
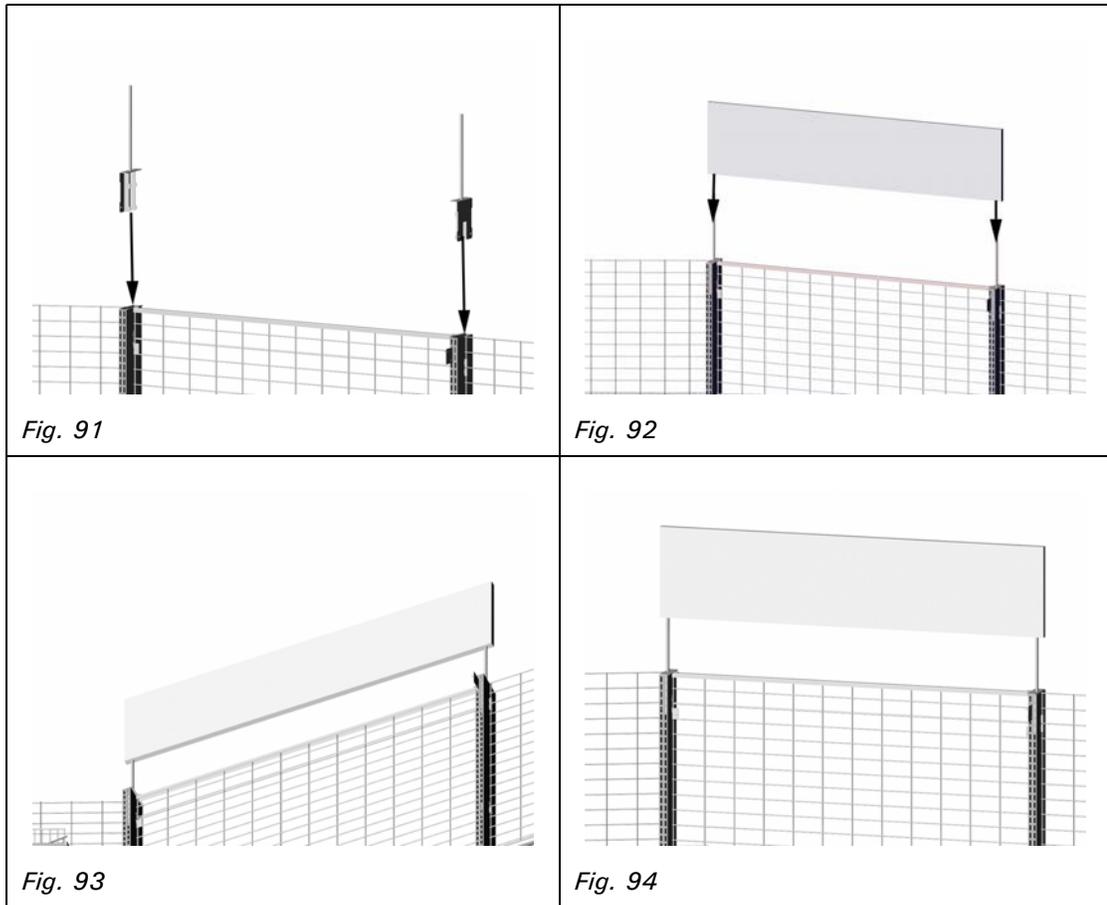


Fig. 90

5.14 Installing the information sign holder

6 Installing a wall attachment

6.1 Wall attachment



CAUTION! Risk of injury due to insufficiently secured shelving systems.
The result: Risk of injury due to tipping shelving systems.

- ▶ Make sure that both the brickwork and the wall anchorage (dowels) are sufficiently dimensioned to support the loads.
- ▶ If the brickwork is not suitable for dowel fastening, secure the shelf anchorage with suitable on-site measures such as angle rails, wall anchors, etc. On a standard shelf carrying a load of 375 kg / 827 lb and an installation height of the wall attachment of 2,240 mm / 88 in, the extraction force on the dowel is 60 kg / 133 lb.
- ▶ When fastening the dowels, make sure that a sufficient number of dowels is used so that the recommended load values of the dowel manufacturer are not exceeded. Install additional wall attachments if necessary.
- ▶ Use screws and dowels suitable for the respective substrate.



General mounting height at 2,240 mm / 88 in and after each additional meter.
The wall attachment does not increase the shelf load.

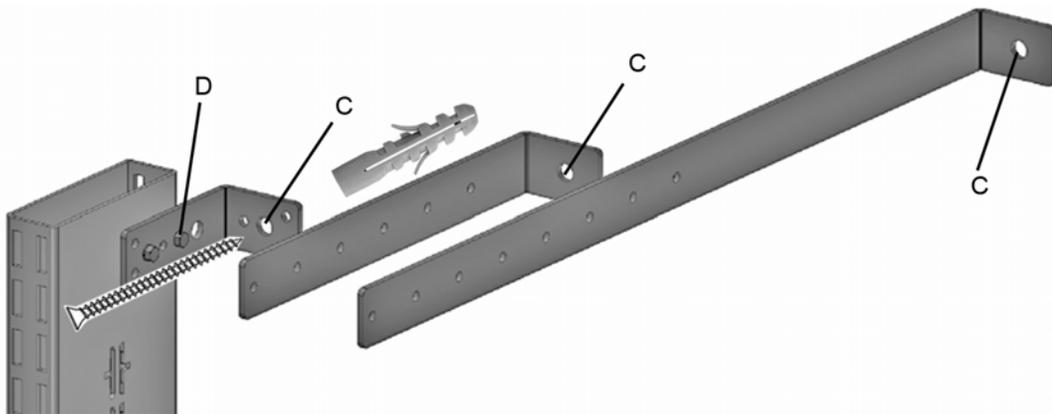


Fig. 95

- ▶ Select the wall attachment that best matches the wall distance.
- ▶ Hold the wall attachment against the wall and the shelf upright and mark the dowel hole.
- ▶ Drill the hole for the dowel.
- ▶ Screw the wall bracket to the wall using the hole (C).
- ▶ Align the shelf upright vertically.
- ▶ Screw the wall bracket to the shelf upright using two 4.2x16 (D) drilling screws.
 - Always attach the wall bracket to the shelf upright with two drilling screws!

6.2 Adjustable wall attachment

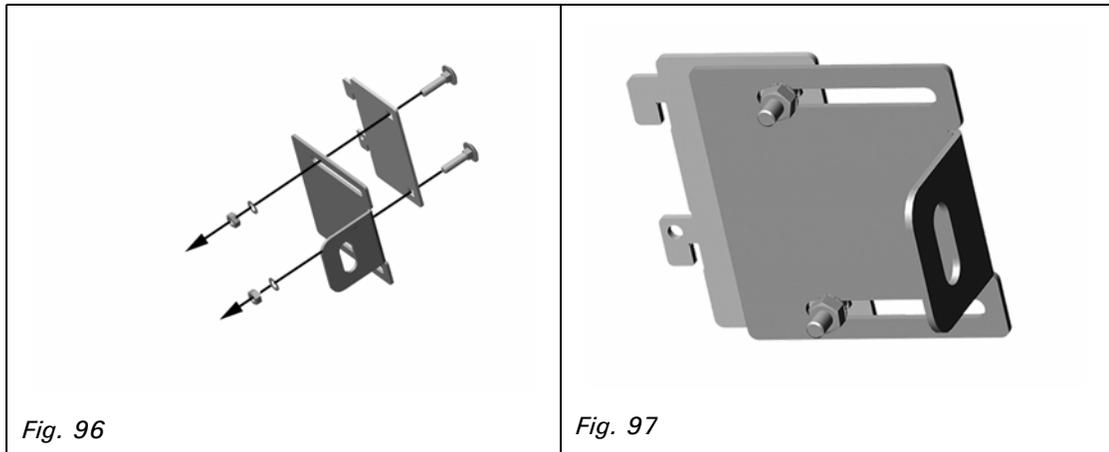


Fig. 96

Fig. 97

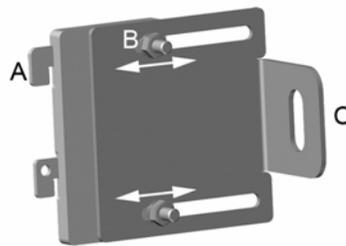


Fig. 98

- ▶ Select the wall attachment that best matches the wall distance.
- ▶ Pre-assemble the wall attachment so that it remains movable (Fig. 243).
- ▶ Hook the wall attachment into the vertical shelf at the specified height, push the mounting brackets up to the wall and mark the drilling position in the middle of the slotted hole (C). Then remove the wall attachment again.
- ▶ Attach the dowel to the wall at the marked position according to the manufacturer's instructions.
- ▶ Hang the pre-assembled wall attachment again and screw it to the wall with a screw suitable for the dowel.
- ▶ Now tighten the screw connection (B) of the wall attachment with 3.4 Nm.

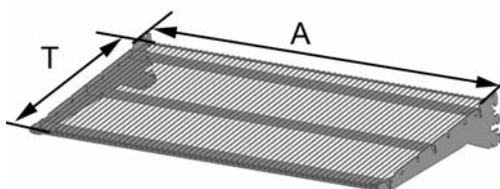
7 Load chart

7.1 Permissible shelf load per shelf axis



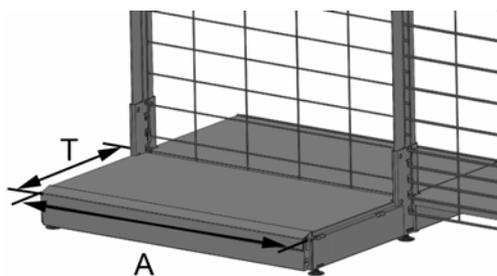
Ensure that the load on the shelves is evenly distributed.
 Load the shelves ensuring that the load decreases the higher the shelf.
 Install the top shelf at a maximum height of 1,900 mm / 74 in.
 If both sides are loaded (gondola), the same loads can be applied to the right and left as for a wall-mounted shelving unit.
 The shelf should not be subjected to impact loads.
 For special load requirements, please contact our technical department.
 The uprights of wall-mounted shelving units must be fitted by means of wall attachments from a height of 2,240 mm / 88 in.

7.1.1 Permissible load for individual shelves on the console



Console depth D in mm / in	300 / 12	400 / 15	450 / 18	500 / 20	600 / 24	700 / 28
Axial dimension A = 625-1,000 mm / 24 -40 in	70 kg / 154 lb	105 kg / 232 lb	105 kg / 232 lb	105 kg / 232 lb	125 kg / 276 lb	100 kg / 220 lb
Axial dimension A = 1,250-1,333mm / 48 - 53 in	75 kg / 165 lb	80 kg / 176 lb	110 kg / 243 lb	110 kg / 243 lb	135 kg / 297 lb	100 kg / 220 lb
Inner corner	70 kg / 154 lb	90 kg / 198 lb	-	90 kg / 198 lb		-
Outer corner	75kg / 165 lb	80 kg / 176 lb	-	90 kg / 198 lb		-

7.1.2 Permissible load for base shelf



Axis dimension in mm / in	625-100 / 24-40		1,250 -1,333/ 48-53
Base shelf depth	400 - 600 mm / 15 - 24 in	165 kg / 364 lb	105 kg / 232 lb
	700 - 800 mm / 28 - 31 in	280 kg / 617 lb	180 kg / 396 lb
Inner/outer corner	150 kg / 331 lb		

7.1.3 Calculation of the permissible load of a wall-mounted shelving unit

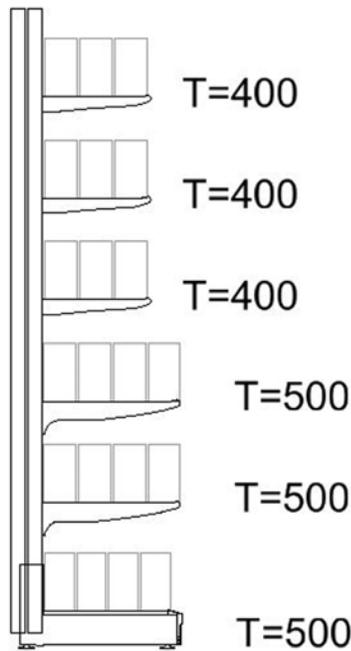


Fig. 99 Typical representation with 5 shelves and base shelf

Different console depths and axial dimensions mean different load capacities of the shelves (see Chapter 7.1.1).

Since several shelves of different depths can be inserted, an average value of the shelf depths **DAverage** must be calculated.

Formula:

$$DAverage = TS / n$$

DAverage = average depth of all shelves inserted

TS = Total shelf depths

N = Number of shelves

Example calculation based on Fig. 81:

Sum of TS of the depths of all inserted shelves (excluding base shelf)

$$TS = 400 + 400 + 400 + 500 + 500 = 2,200 \text{ mm} / 15 + 15 + 15 + 20 + 20 = 85 \text{ in}$$

Number of inserted shelves n = 5

$$\Rightarrow DAverage = 2,200 \text{ mm (85 in)} / 5 = 440 \text{ mm (17 in)}$$

Using this average, the table below shows the corresponding load total of these 5 shelves (excluding base shelf).

Thus average shelf depth **DAverage** 440 mm / 17 in => 375 kg / 827 lb total load of inserted shelves

Total load of all freely inserted shelves			
Average shelf depth DAverage	300 - 549 mm / 11.8 - 21.6 in	550 - 649 mm / 21.7 - 25.6 in	650 - 700 mm / 25.6 - 28 in
Maximum permissible total load of inserted shelves	375 kg / 827 lb	325 kg / 717 lb	250 kg / 550 lb
Maximum permissible total load of inserted shelves with reinforced upright	450 kg / 990 lb	400 kg / 880 lb	325 kg / 717 lb



The shelf depth may not exceed the base depth, i.e. for base depths of 400 mm / 15 in or 500 mm / 20 in, the maximum permissible total load of the shelves is 375 kg / 827 lb (see table above)!

For base depths of 600 mm / 24 in, 700 mm / 28 in or 800 mm / 31 in, the average shelf depth must be calculated.

7.1.4 Example calculations

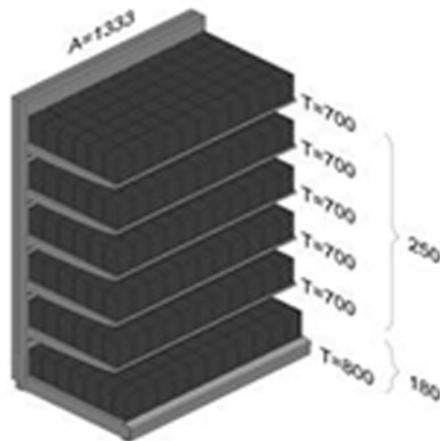


Fig. 100 Base depth $D = 800 \text{ mm} / 31 \text{ in}$
axial dimension $A = 1,333 \text{ mm} / 53 \text{ in}$

Base shelf $D = 800 \text{ mm} / 31 \text{ in}$
 $A = 1,333 \text{ mm} / 53 \text{ in}$
 (From Chapter 7.1.2)
 => Base shelf load = **180 kg / 396 lb**

Total of 5 inserted shelves

$700 + 700 + 700 + 700 + 700 = 3,500 \text{ mm} /$
 $28 + 28 + 28 + 28 + 28 = 140 \text{ in}$

Average shelf depth: $3,500 (140 \text{ in}) / 5 =$
700 mm / 28 in

Therefore, from the total load chart, this results in

700 mm / 28 in = 250 kg / 550 lb total load of inserted shelves

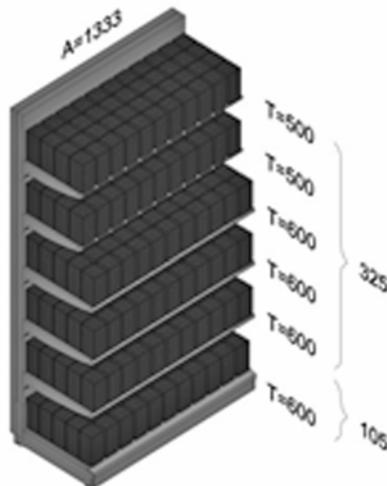


Fig. 101 Base depth $D = 600 \text{ mm} / 24 \text{ in}$
axial dimension $A = 1,333 \text{ mm} / 53 \text{ in}$

Base shelf $D = 600 \text{ mm} / 24 \text{ in}$
 $A = 1,333 \text{ mm} / 53 \text{ in}$
 => Base shelf load = **105 kg / 232 lb**
 (From Chapter 7.1.2)

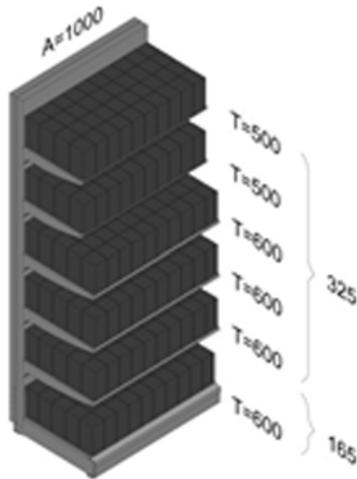
Total of 5 inserted shelves

$500 + 500 + 600 + 600 + 600 = 2,800 \text{ mm} /$
 $20 + 20 + 24 + 24 + 24 = 112 \text{ in}$

Average shelf depth:
 $2,800 (110.2 \text{ in}) / 5 =$ **560 mm / 22.4 in**

Therefore, from the total load chart, this results in

560 mm / 22.4 in => 325 kg / 717 lb total load of inserted shelves



Base shelf D = 600 mm / 24
 A = 1,000 mm / 40 in
 => Base shelf load = 165 kg / 364 lb

Total of 5 inserted shelves

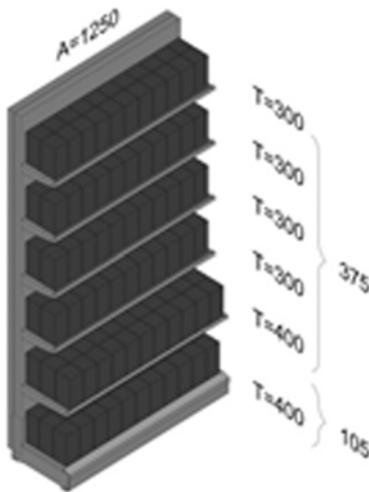
500 + 500 + 600 + 600 + 600 = 2,800 mm /
 20 + 20 + 24 + 24 + 24 = 112 in

Average shelf depth: 2,800 (112 in) / 5 =
560 mm / 22.4 in

Therefore, from the total load chart, this results in

560 mm / 22.4 in => 325 kg / 717 lb total load of inserted shelves

Fig. 102 Base depth D = 600 mm / 24 in axial dimension A = 1,000 mm / 40in



Base shelf D = 400 mm / 15 in
 A = 1,250 mm / 48 in
 => Base shelf load = 105 kg / 232 lb
 (From Chapter 7.1.2)

Total of 5 inserted shelves

300 + 300 + 300 + 300 + 400 = 1,600 mm /
 12 + 12 + 12 + 12 + 15 = 63 in

Average shelf depth:
 1,600 (63)/5 = **320 mm / 12.6 in**

Therefore, from the total load chart, this results in

320 mm / 12.6 in => 375 kg / 827 lb total load of inserted shelves

Fig. 103 Base depth D = 400 mm / 15 in axial dimension A = 1,250 mm / 48 in

7.1.5 With support upright



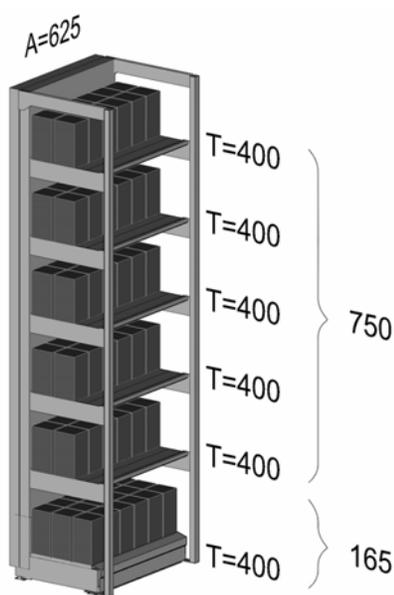
Fig. 104 Basic shelving unit with support upright

Wire shelf with double console and support tube						
Console depth in mm / in	300 / 12	400 / 15	450 / 18	500 / 20	600 / 24	700 / 28
Axial dimension = 625-1,000 mm / 24-40 in	70 kg / 154 lb	105 kg / 232 lb	105 kg / 232 lb	105 kg / 232 lb	125 kg / 276 lb	170 kg / 374 lb
Axial dimension = 1,250-1,333 mm / 48-53 in	75 kg / 165 lb	80 kg / 176 lb	110 kg / 243 lb	110 kg / 243 lb	135 kg / 297 lb	170 kg / 374 lb

Total load of all shelves inserted in the support tube = 750 kg / 1,654 lb

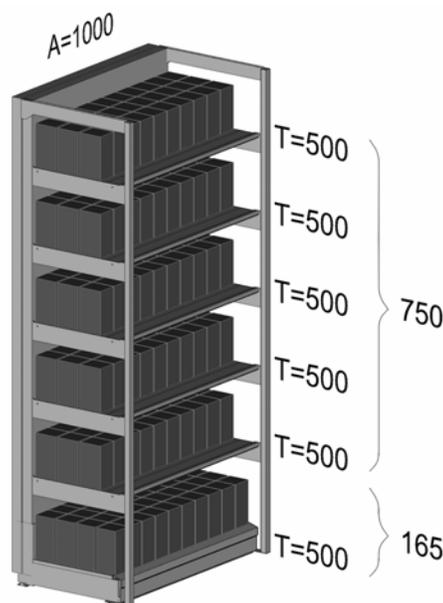
Base loads		
Axis dimension in mm / in	625 - 1000 / 24 - 40	1,250 - 1,353 / 44 - 53
Base shelf - depth	400 - 600 mm / 15 - 24 in	700 - 800 mm / 28 - 31 in
	165 kg / 364 lb	105 kg / 232 lb
	280 kg / 617 lb	180 kg / 396 lb

Examples:



*Fig. 105 Base depth D = 400 mm / 15 in axial dimension A = 625 mm / 24 in
=> Base shelf load = 165 kg / 364 lb*

750 kg / 1,654 lb total load of inserted shelves



*Fig. 106 Base depth D = 500 mm / 20 in axial dimension A = 1000 mm / 40 in
=> Base shelf load = 165 kg / 364 lb*

750 kg / 1,654 lb total load of inserted shelves

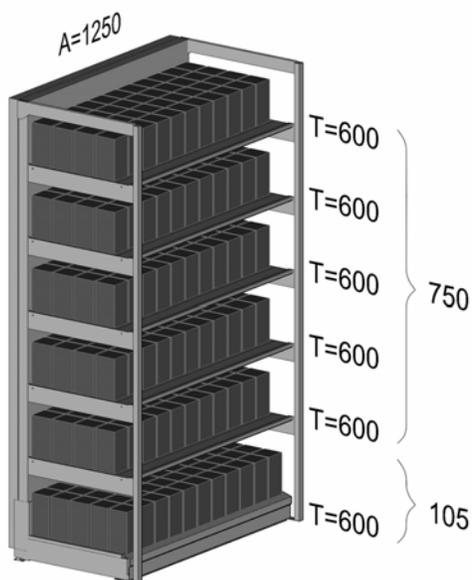


Fig. 107 Base depth $D = 600 \text{ mm} / 24 \text{ in}$
axial dimension $A = 1,250 \text{ mm} / 48 \text{ in}$
=> Base shelf load = **105 kg / 232 lb**

750 kg / 1,654 lb total load of inserted shelves

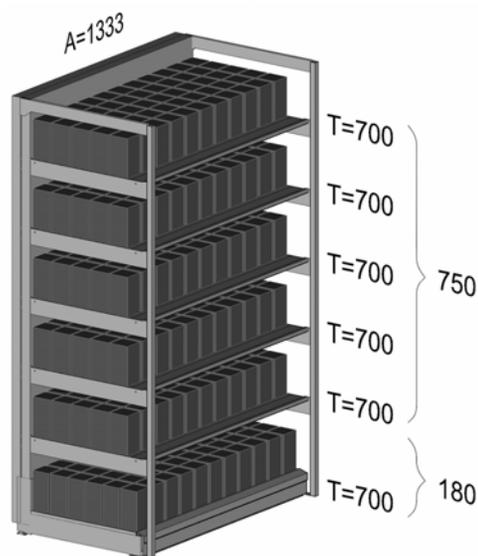


Fig. 108 Base depth $D = 700 \text{ mm} / 28 \text{ in}$
axial dimension $A = 1,333 \text{ mm} / 53 \text{ in}$
=> Base shelf load = **180 kg / 397 lb**

750 kg / 1,654 lb total load of inserted shelves

8 Cleaning instructions

We recommend the use of non-abrasive microfibre cloths for cleaning chrome-plated surfaces. In the event of heavy soiling, cleaning can be supported by liquid hand detergent.

Commercially available citric acid-based sanitary cleaners can be used to remove limescale deposits and stains. Please observe the relevant instructions for use and the safety instructions of the respective manufacturer.

Important:

After cleaning the chrome surface - especially when using cleaning agents to remove limescale - the treated surfaces must be thoroughly rinsed with fresh water and then dried with a clean cloth. The latter prevents the formation of water stains.

TECHNIBILT, LTD / PO BOX 310 / NEWTON, NC 28658,
1-800-351-2278

Rudolf-Wanzl-Straße 4, 89340 Leipheim, Germany
Tel. +49(0)8221/729-0, Fax +49(0)8221/729-1000,
E-mail: info@wanzl.de, Internet: www.wanzl.com

Copyright for this manual is held by Wanzl Metallwarenfabrik GmbH.

This manual is only intended for the user and the user's staff. It contains instructions and information that may not be reproduced, distributed or otherwise communicated, in full or in part.

Infringement of this copyright may result in legal action.

Dimensions are approximate. We reserve the right to make design changes.