



Compartment Shelving



Guide to Assembly





10 COMPARTMENTS

20 COMPARTMENTS

COMPONENT CHECKLIST

Quantity	✓
4	5
6	24
12	2
6	4
1	5
24	13

Follow assembly Steps
1,2,3,4 & 5 on following
pages...

Quantity	✓
4	5
6	24
12	2
6	4
1	15
24	13


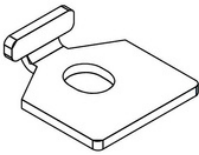
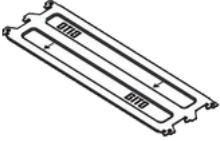


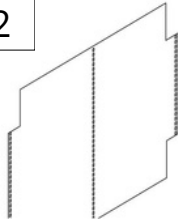
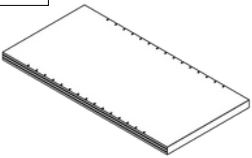
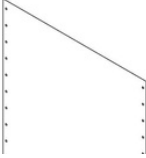


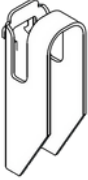


Follow assembly Steps
1,2,3,4 & 5 on following
pages...


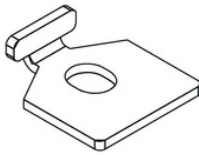
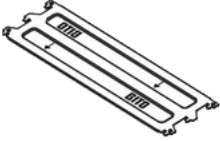


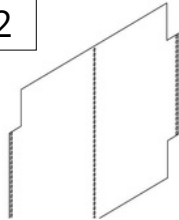
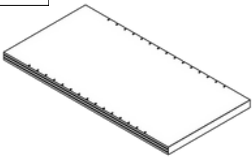
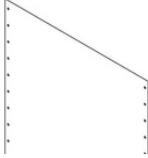
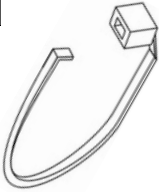





21 COMPARTMENTS

28 COMPARTMENTS

COMPONENT CHECKLIST

Quantity	✓
4 	5 
6 	24 
12 	2 
8 	4 
1 	14 
32 	13 
5 	Follow assembly Steps 1,2,3,6 & 7 on following pages...

Quantity	✓
4 	5 
6 	24 
12 	2 
8 	4 
1 	21 
32 	13 

Follow assembly Steps 1,2,3,4 & 5 on following pages...



48 COMPARTMENTS

Quantity			
4		12	
6		24	
12		2	
13		4	
1		36	
52		13	

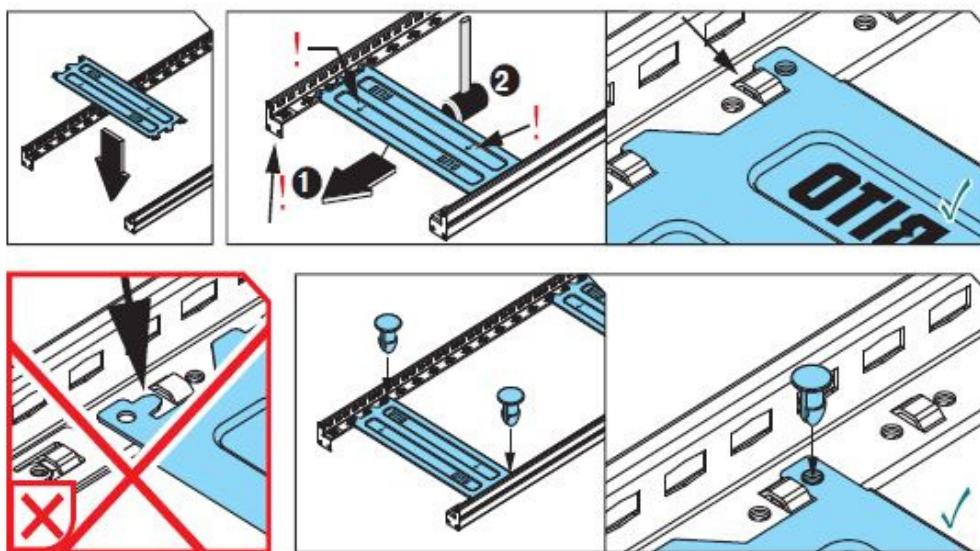
Follow assembly Steps
1,2,3,4 & 5 on following
pages...



Assembly steps for all shelving frames...

1

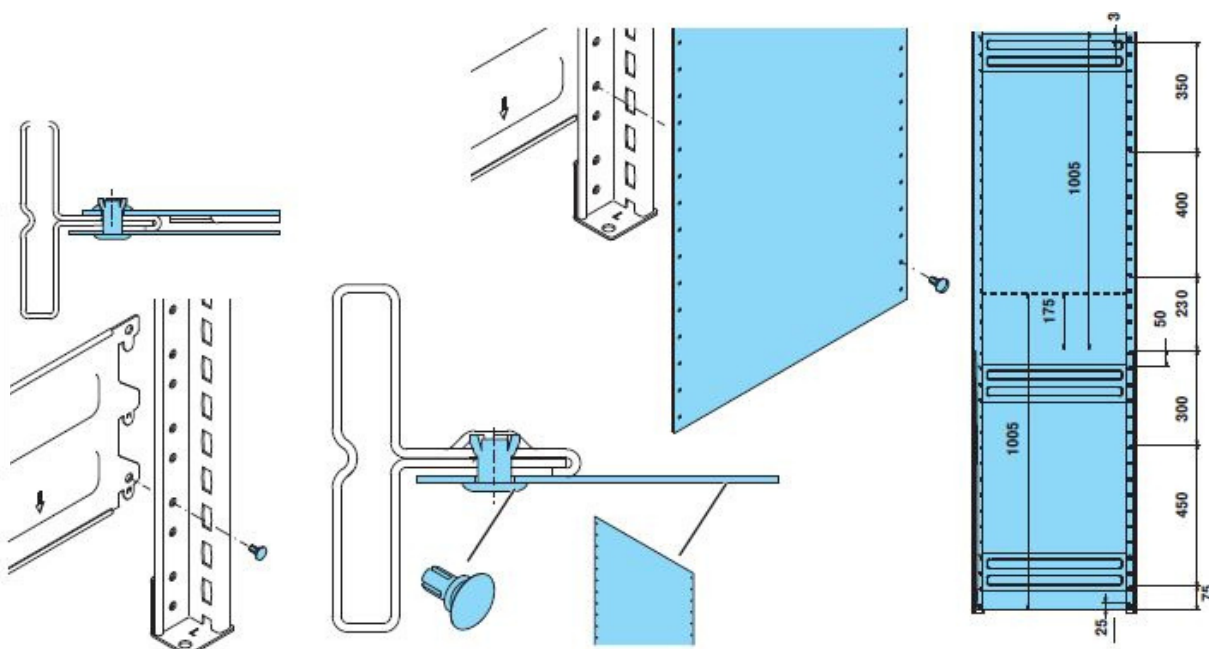
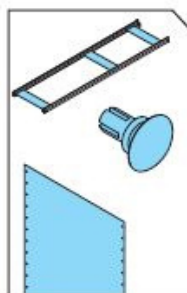
Items
needed



H
600
192
H (mm): 1.850

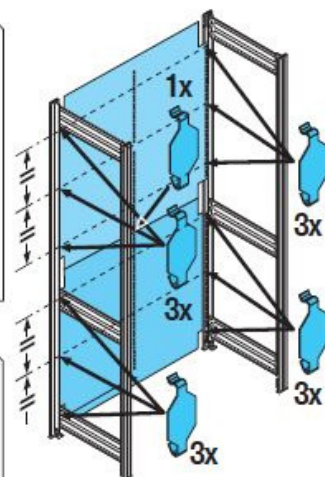
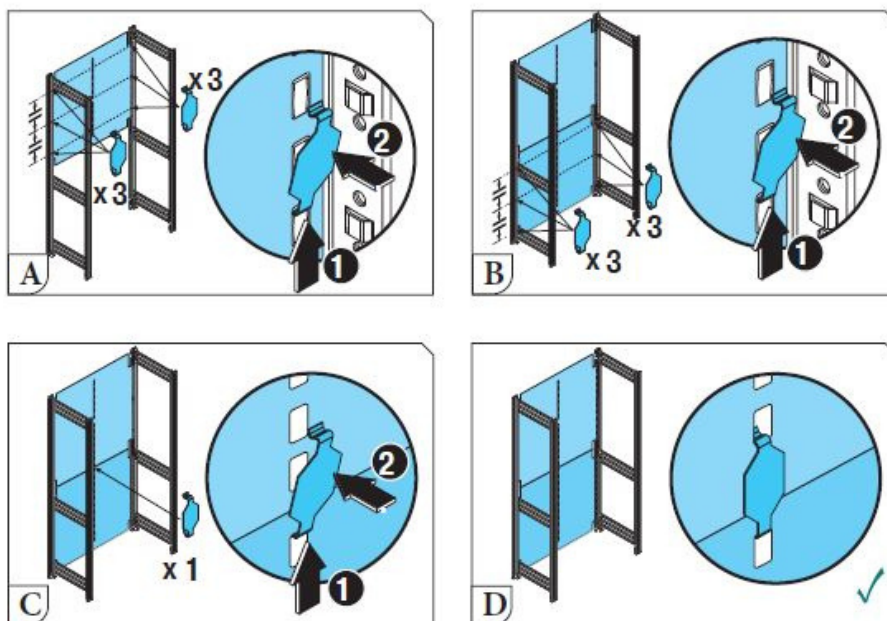
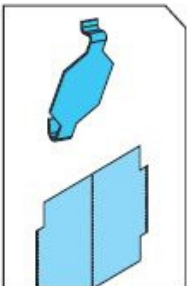
2

Items
needed



3

Items
needed



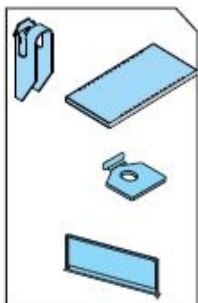
BITO
STORAGE
SYSTEMS



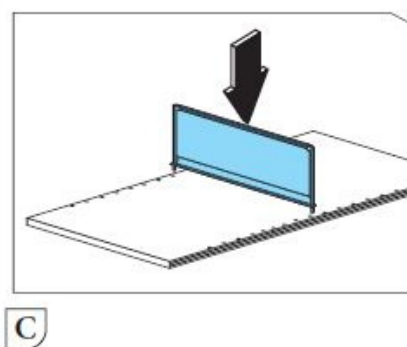
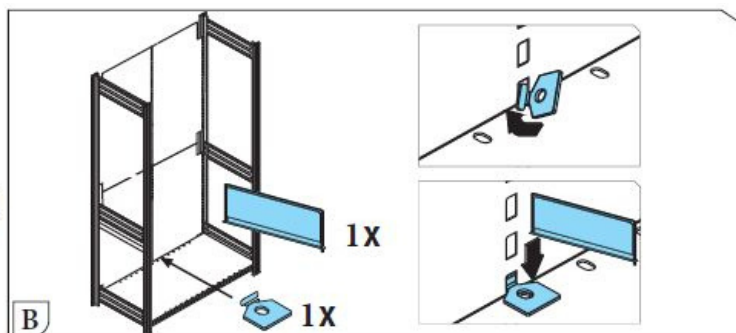
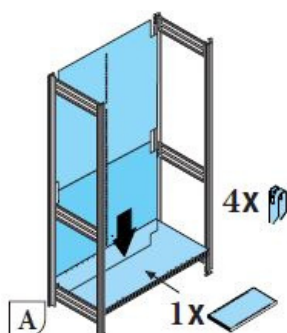
Instructions for 10, 20, 28 & 48 Compartments - (Please see page 9 for 21 Compartments)

4

Items
needed

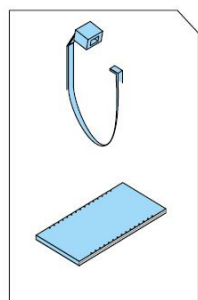


Starting from the bottom shelf repeat process 4a, 4b & 4c until all dividers used...

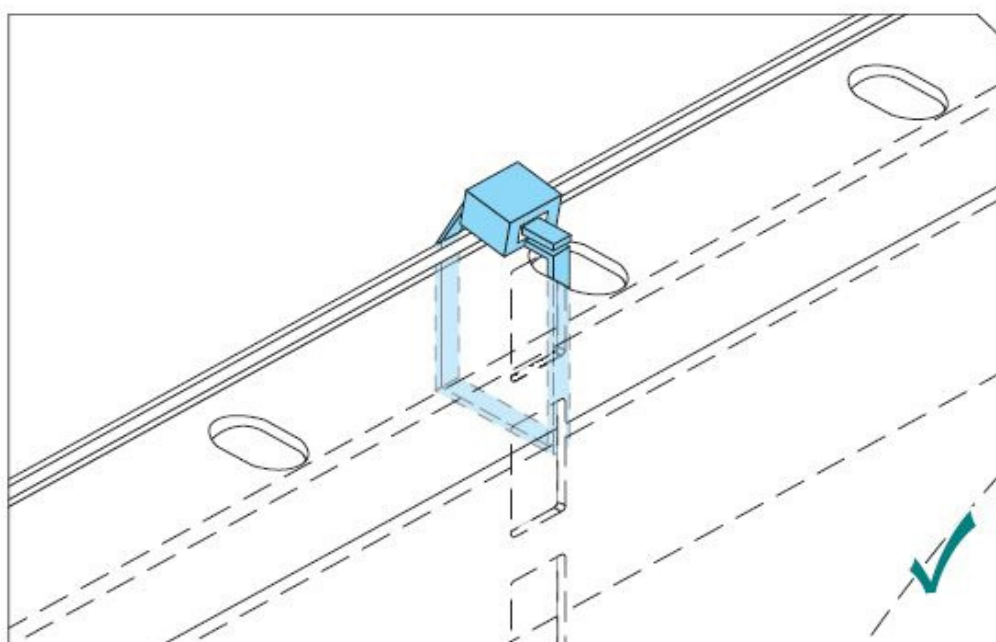


5

Items
needed



Once the last remaining shelf has been fitted at the top of the bay
- Use the cable tie to attach to the back cladding as follows...



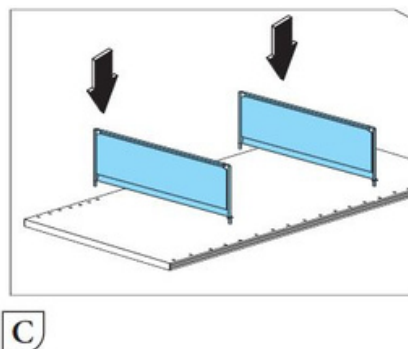
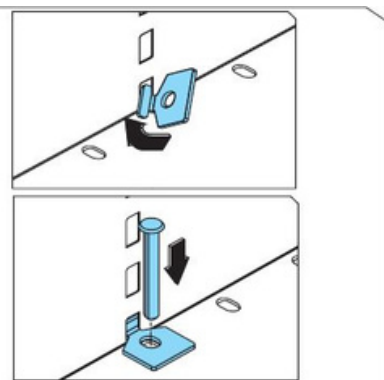
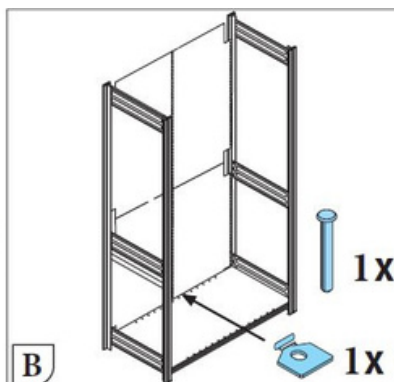
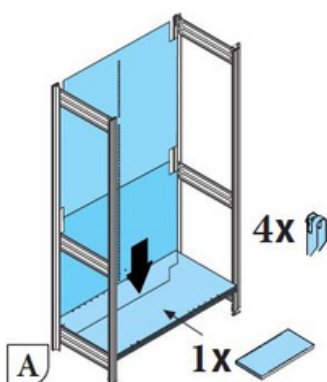
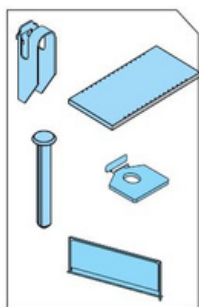


Instructions for 21 Compartments -

6

Items
needed

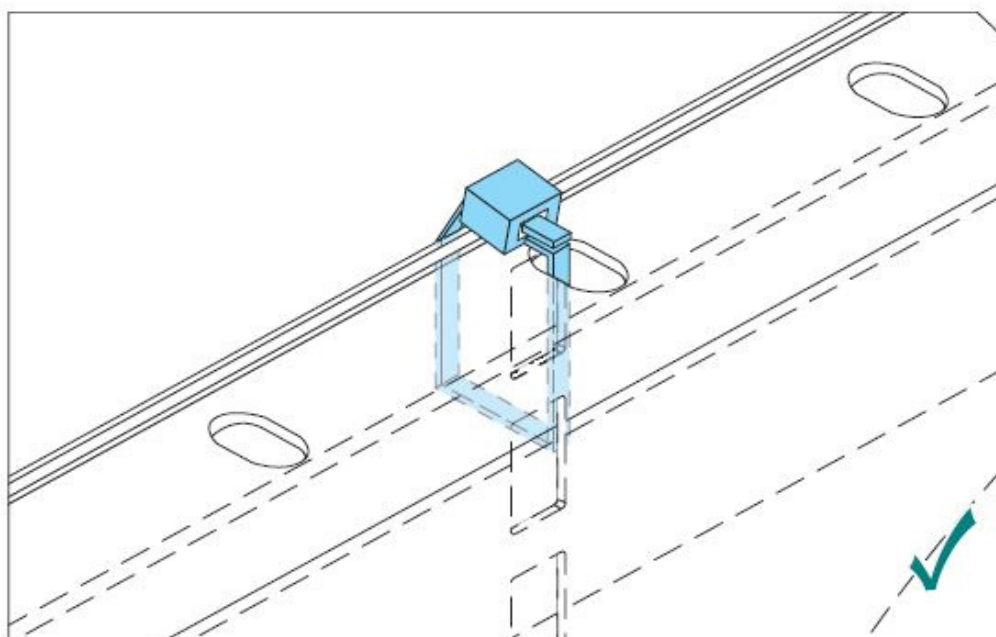
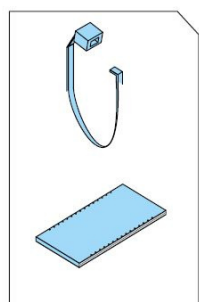
Starting from the bottom shelf repeat process A, B & C for every shelf until all dividers used...



7

Items
needed

Once the last remaining shelf has been fitted at the top of the bay
- Use the cable tie to attach to the back cladding as follows...

















Safety Notes

1. Exclusion of liability / Safety instructions

The present instructions of assembly and use must be made available to every user before a storage installation goes into operation.
All instructions given in this document must be followed at all times.
BITO disclaims liability for all damages arising from non-observance of these instructions of assembly and use.

2. General safety notes

BITO shelving and racking is intended for storing and picking unit loads such as cartons, bins and containers or individual items.
This storage installation has been designed for manual loading and retrieval (servicing with lift trucks is not allowed).
Unit loads, shelf loads and bay loads must not exceed rated load capacity limits. Make sure that loads are evenly distributed since structural design has been calculated for uniformly distributed loads.
Any other use or any use exceeding that specified is an infringement of use for the intended purpose.
Follow the instructions on design & layout, components & technical equipment, assembly & operation specified in the order documents.
Observe your national/local safety regulations for warehouse equipment and machinery issued by your statutory accident insurance association(s) as well as the regulations set up by your occupational health and safety at work acts and relevant general accident prevention regulations.
The present instructions do not apply for shelving and racking used outdoors or in harsh environments subject to wind, snow and other mechanical stress factors. Moreover, load capacities indicated in the present document are not valid for earthquake hazard zones (structural design does not resist seismic forces). Inform BITO in writing if your installation is to be set up in an earthquake hazard area and request adaptation of structural design parameters to the seismic requirements of your region.
Damaged or deformed racking components must immediately be replaced.
BITO Shelving and racking is not suited for use in environments with exposure to corrosion, splashing liquids, decomposition, vibrations, explosions, radiation.
It is not permitted to use loads or load carriers which due to their nature are subject to oxidation, rust, decomposition or which might impair proper functioning of any kind of mechanism.
Storing unpacked foods that are in direct contact with racking parts and components is not permitted.
Incoming goods awaiting fixture and fitting into BITO storage facilities must be stored indoors. Outdoor storage of such parts and components is not permitted.

 DGUV 108-007	Observe the regulations issued by your national/local occupational accident insurance institution(s)		Head protection
	General Remark		Safety shoes
	Risk of slipping and falling		protective eyewear
	Hand injuries		High visibility vest
	Do not climb on shelving		General remark
	Safety gloves		Hearing protection



Safety Notes

3. Assembly instructions

The load carrying capacity of the floor must be checked by the buyer.

The floor must have a concrete quality of at least

C20/25 according to DIN EN 206-1/DIN 1045-2 to allow the use of heavy duty floor anchors.

Floor evenness must comply with the tolerances specified in DIN 18202, table 3 and RAL-RG 614, paragraph 3.3.4.2.2 :	
Over a distance of up to 1 metre :	4mm
Over a distance of between 1 - 4 metres :	10mm
Over a distance of between 4 - 15 metres :	12mm
Over a distance of more than 15 metres :	15mm

Assembly must be carried out by competent personnel with a technical education and experience with warehouse storage facilities; all work must be carried out with appropriate tools and personal protective equipment.

We recommend to carry out assembly with 2 persons for ease of handling.

Set up shelving & racking only when empty and in compliance with the instructions.

Horizontal deviation must not exceed 1/200 of the bay width. Use shims to fill gaps between uprights and flooring.

4. Operating instructions

Do not load shelving or racking before assembly has been completely finished.

Do not exceed allowable shelf load and bay load capacities.

Always consult the manufacturer of your shelving or racking installation if you wish to modify the layout or if there are questions on how to assemble your installation.

Storing foods in galvanised shelving is not recommended.

Shelving & racking must be sufficiently secured against potentially toppling:

If the ratio of the top level height to shelving/racking depth	exceeds 5:1
In shelving/racking with hinged doors, the height to width ratio of a hinged door	exceeds 4:1
A shelving/racking installation features pull-out units such as drawers or if it is accessed with steps	

As stipulated by DIN standard EN 15636, shelving and racking operators must ensure that visual inspections are carried out at regular intervals.

Additionally, any warehouse storage facility must be inspected at least once a year by a qualified person.



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