

## STORMOR® Shelving Bays

with Solo, Mono or Duo Frame Types



**READ THIS GUIDE THOROUGHLY BEFORE COMMENCING ASSEMBLY AND RETAIN FOR REFERENCE.**



### INFORMATION

**IF IN DOUBT ALWAYS CONTACT YOUR SHELVING SUPPLIER**



Assembly should be undertaken by two competent people, preferably suitably trained shelving installers.



Before commencing assembly, unpack carefully and check that all components ordered are included.



Basic Tools: '+' head'-type Screw Driver; 10mm socket or spanner; Measuring Tape.



Assess for floor fixing - tall, narrow bays may require this to ensure stability - refer to page 19.



**TAKE CARE DURING ASSEMBLY!** - when lifting, stretching and using tools.



Assemble and locate for use on a suitable level floor surface. Allow adequate working area.



Dispose of packaging materials responsibly.



In use, ensure shelving is loaded and used safely. **DO NOT EXCEED SHELF & BAY LOAD CAPACITIES.**



### INFORMATION

Key to some Symbols used in this Assembly Guide



= Instruction applies to shelving with SOLO Frames.



= Instruction applies to shelving with MONO Frames.



= Instruction applies to shelving with DUO Frames.



**FAILURE TO FOLLOW INSTRUCTION WILL RENDER SHELVING UNSAFE!**

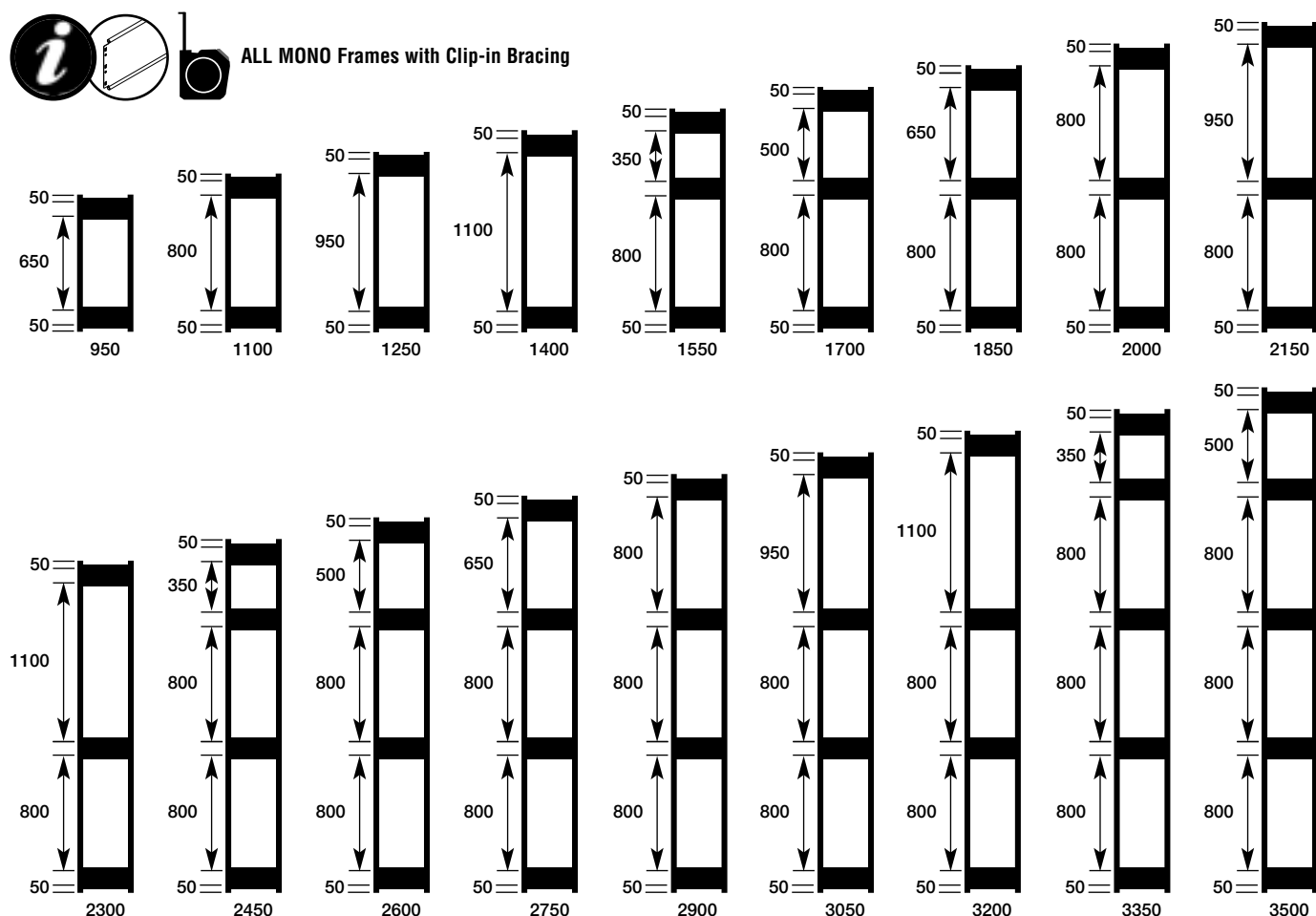
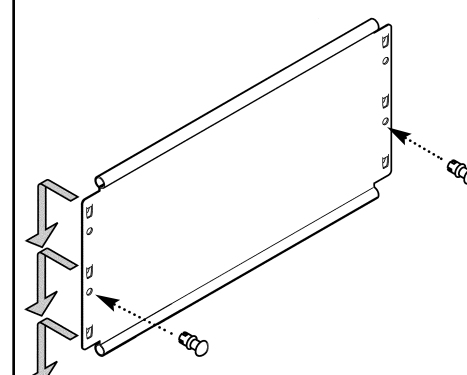
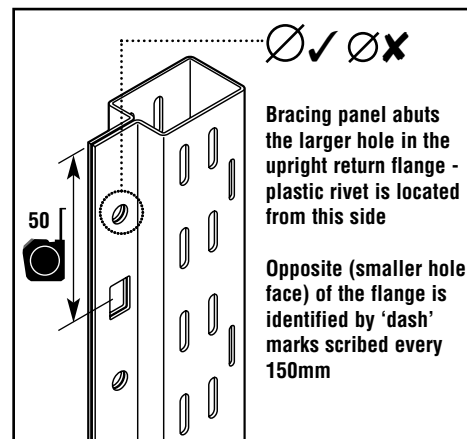
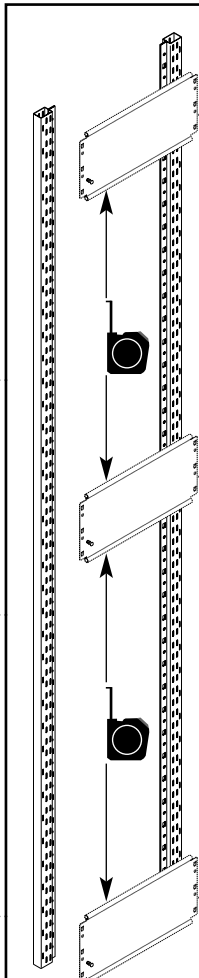
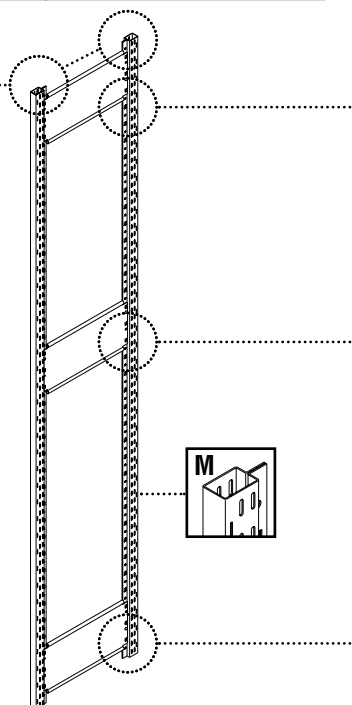
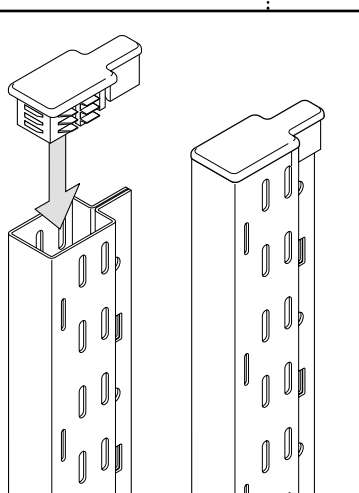
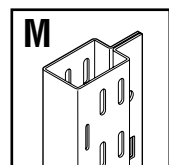
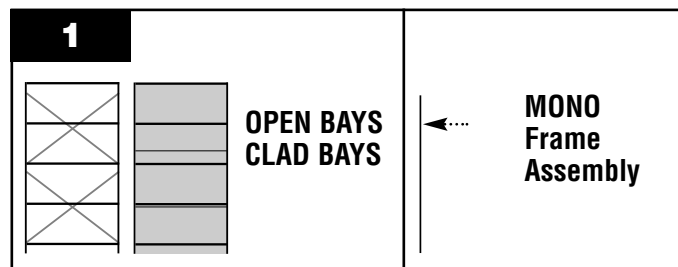


= Assemble in order indicated.



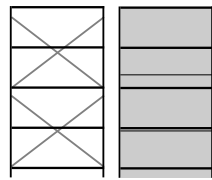
= Measure to ensure correct location.

# STORMOR® Shelving Bay Assembly



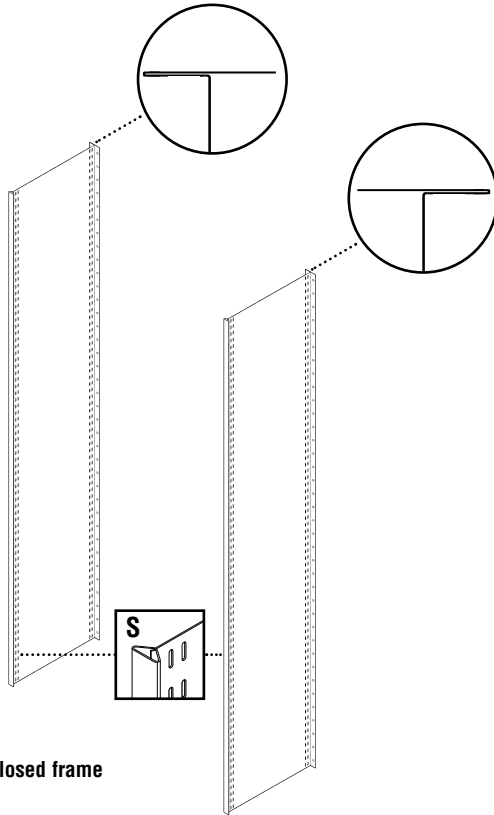
# STORMOR® Shelving Bay Assembly

**2**



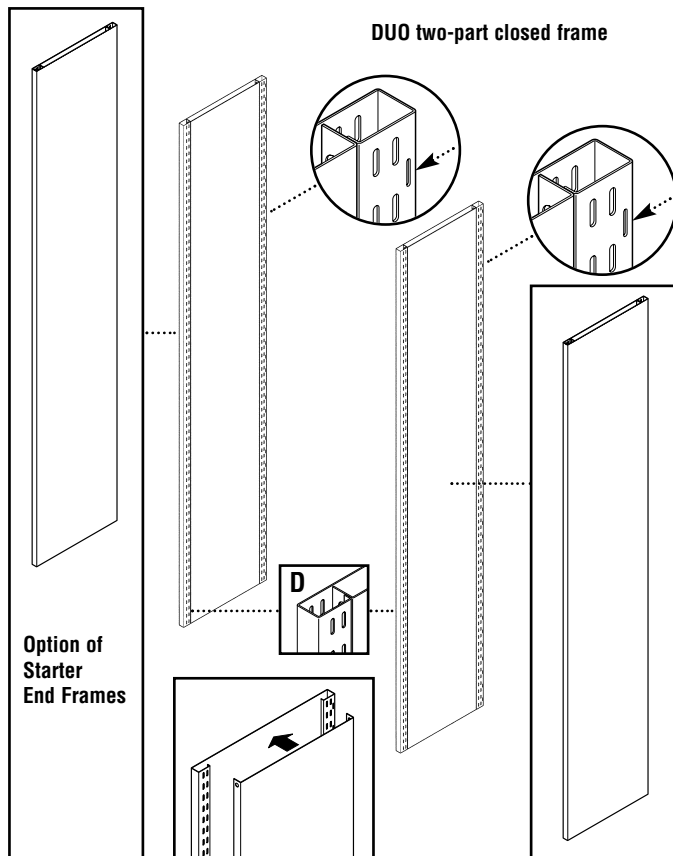
**OPEN BAYS  
CLAD BAYS**

**Identify  
Frame  
Type &  
Orientation**

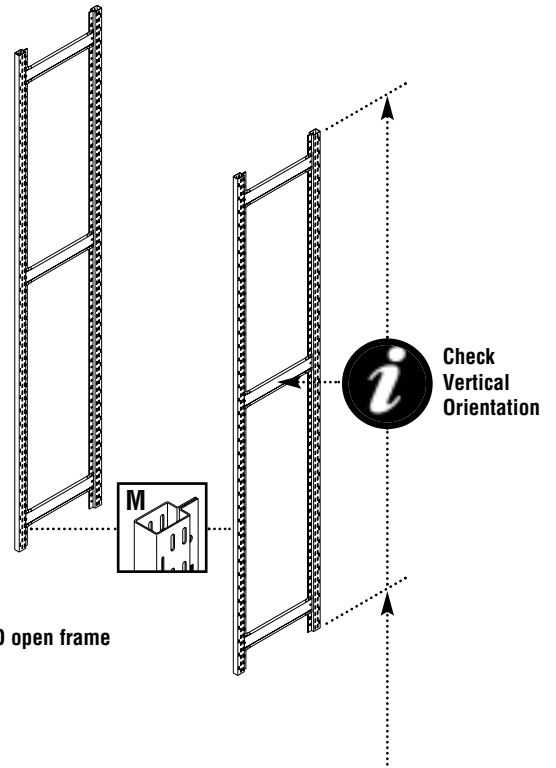


**SOLO single-part closed frame**

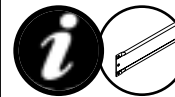
**DUO two-part closed frame**



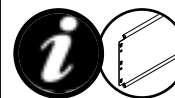
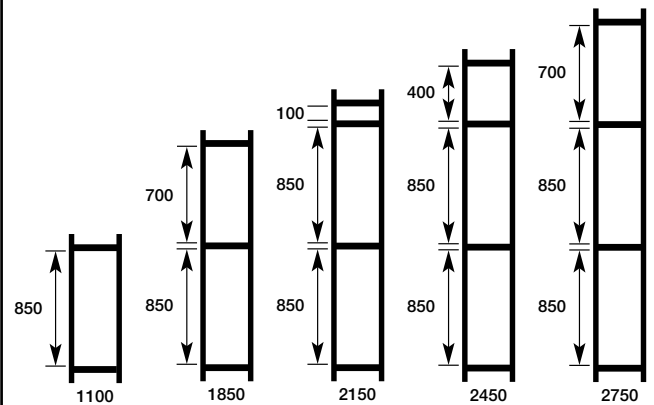
**Option of  
Starter  
End Frames**



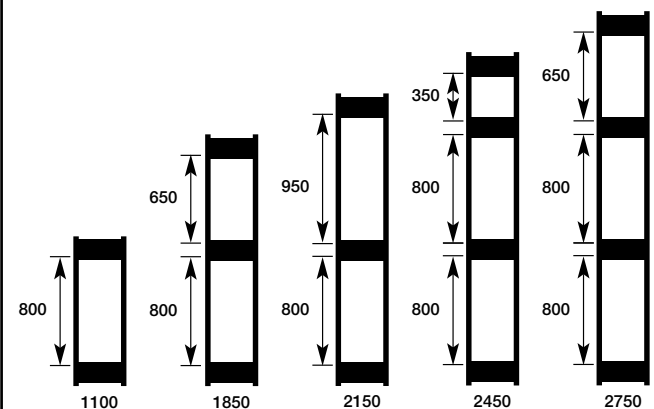
**MONO open frame**



**MONO standard height Frames  
with Riveted Bracing**

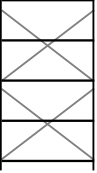


**MONO standard height Frames  
with Clip-in Bracing**



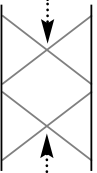
STORMOR® Shelving Bay Assembly

3

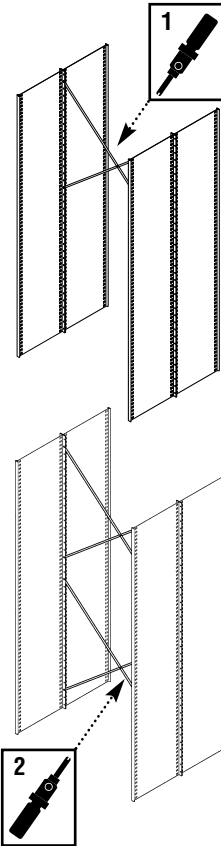
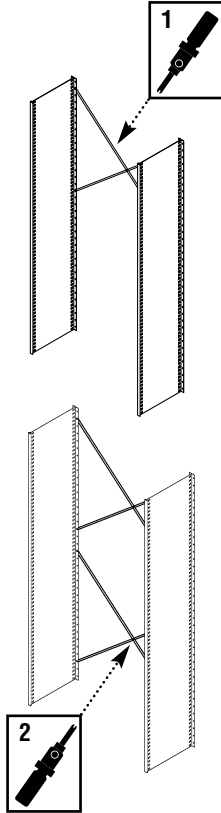
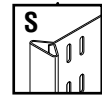
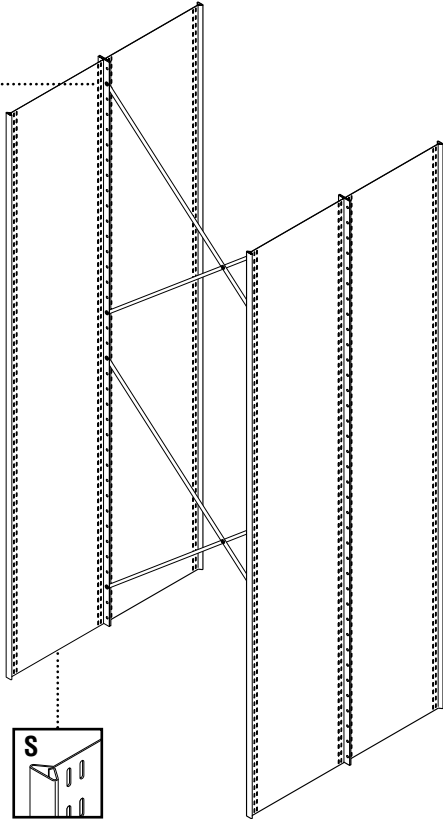
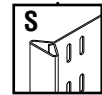
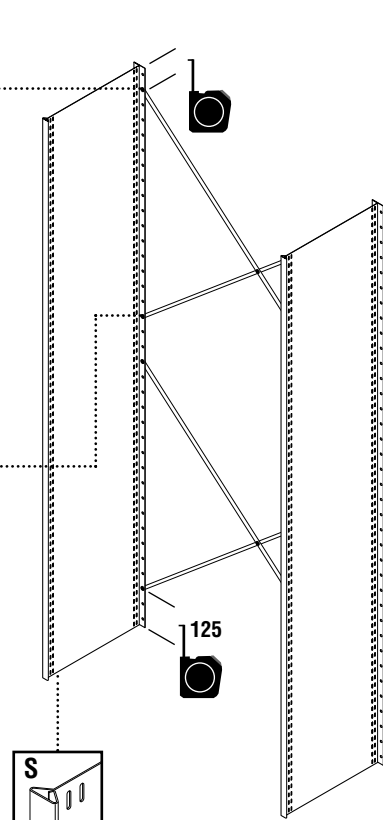
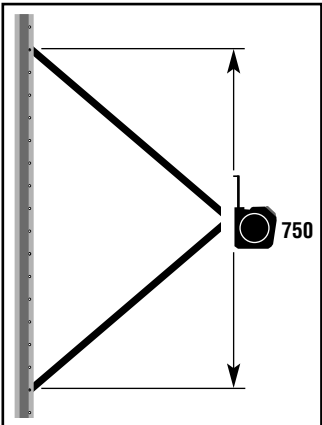
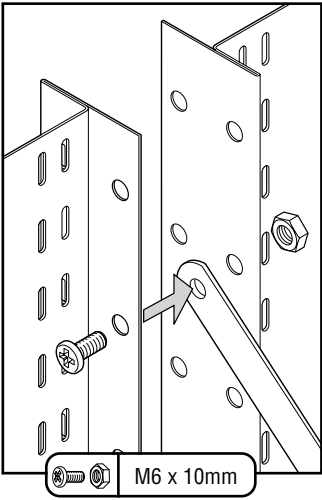
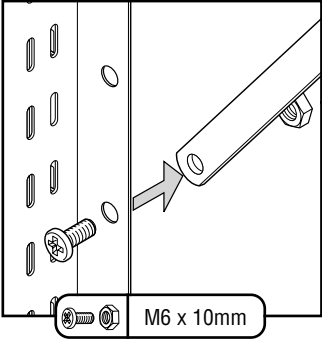
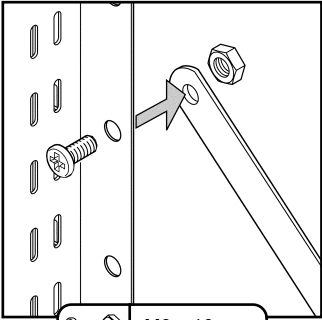
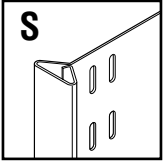


OPEN  
BRACED BAYS

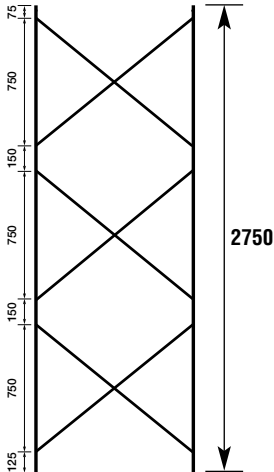
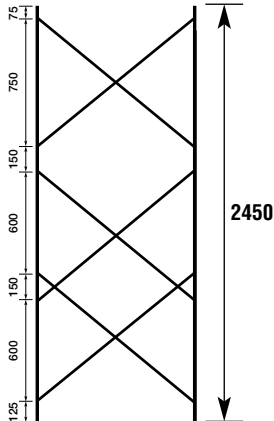
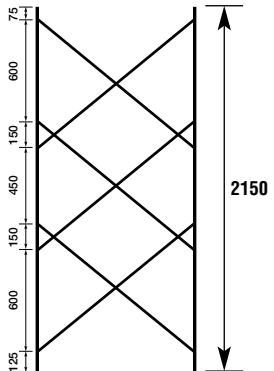
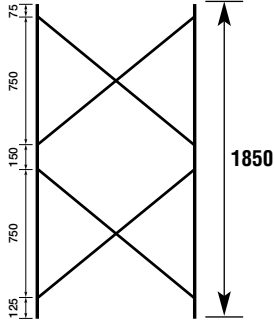
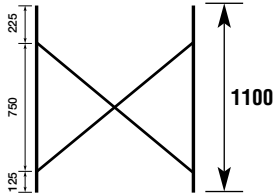
3.1A



Install  
Cross-Bracing  
  
SOLO

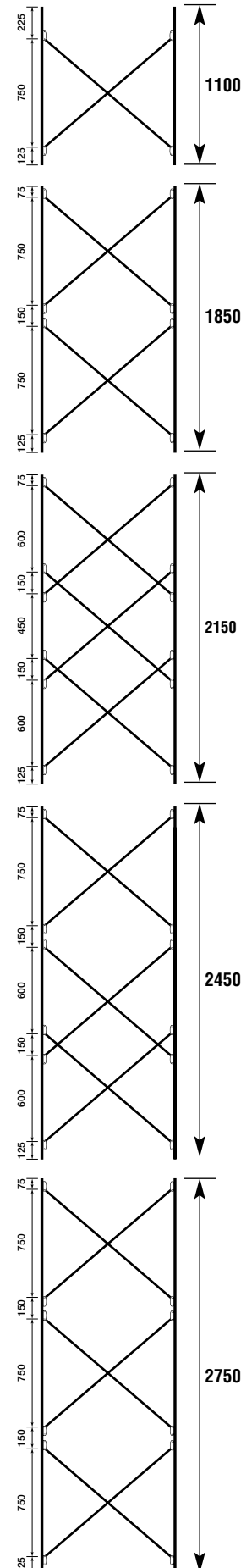
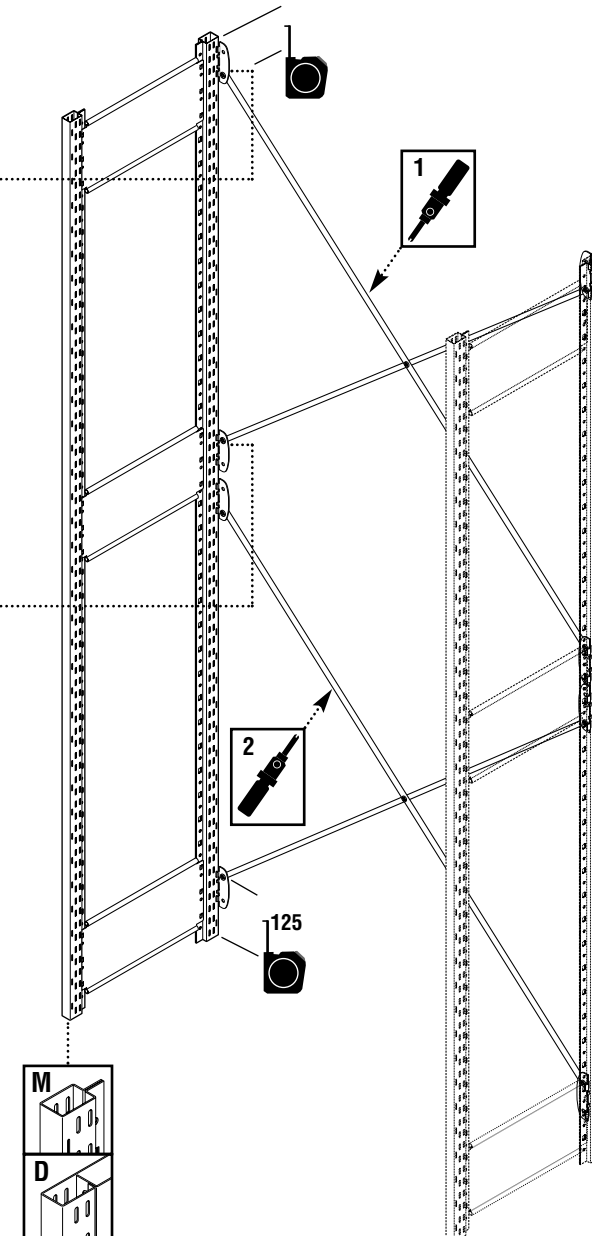
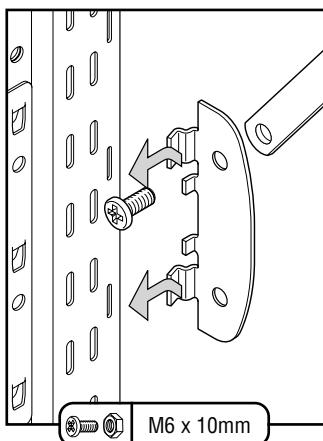
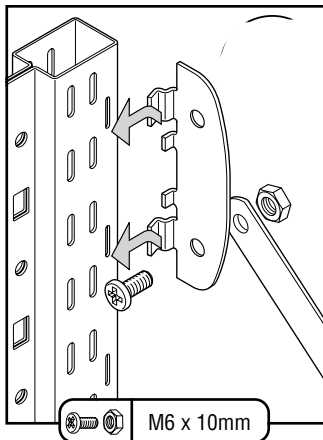
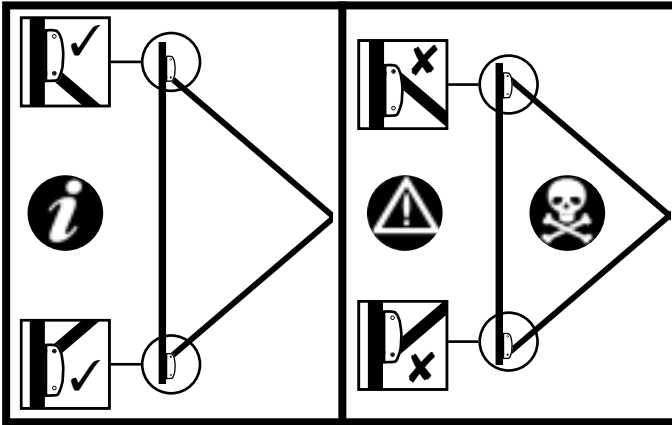
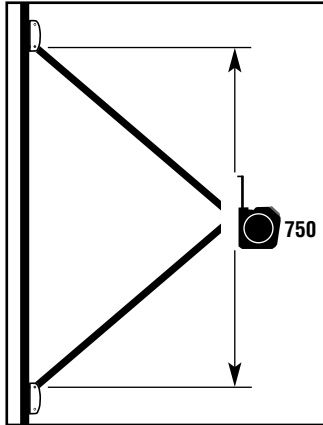
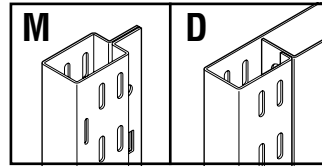
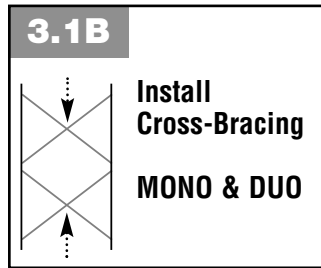
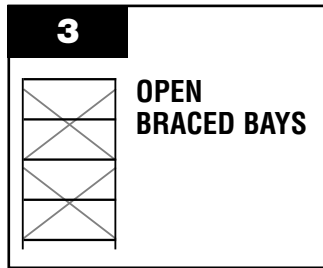


STANDARD  
FRAMES



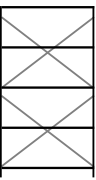


# STORMOR® Shelving Bay Assembly



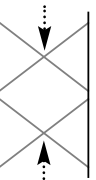
STORMOR® Shelving Bay Assembly

3



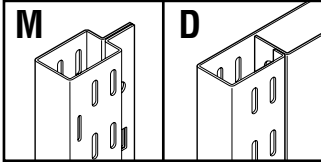
OPEN  
BRACED BAYS

3.1B



Install  
Cross-Bracing

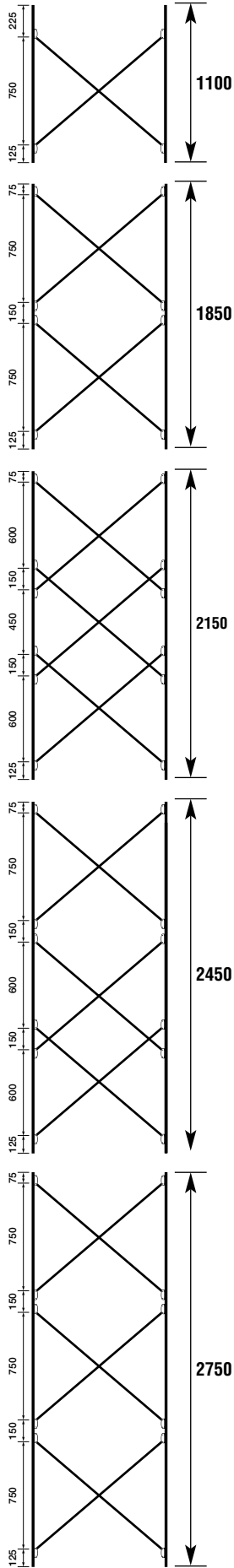
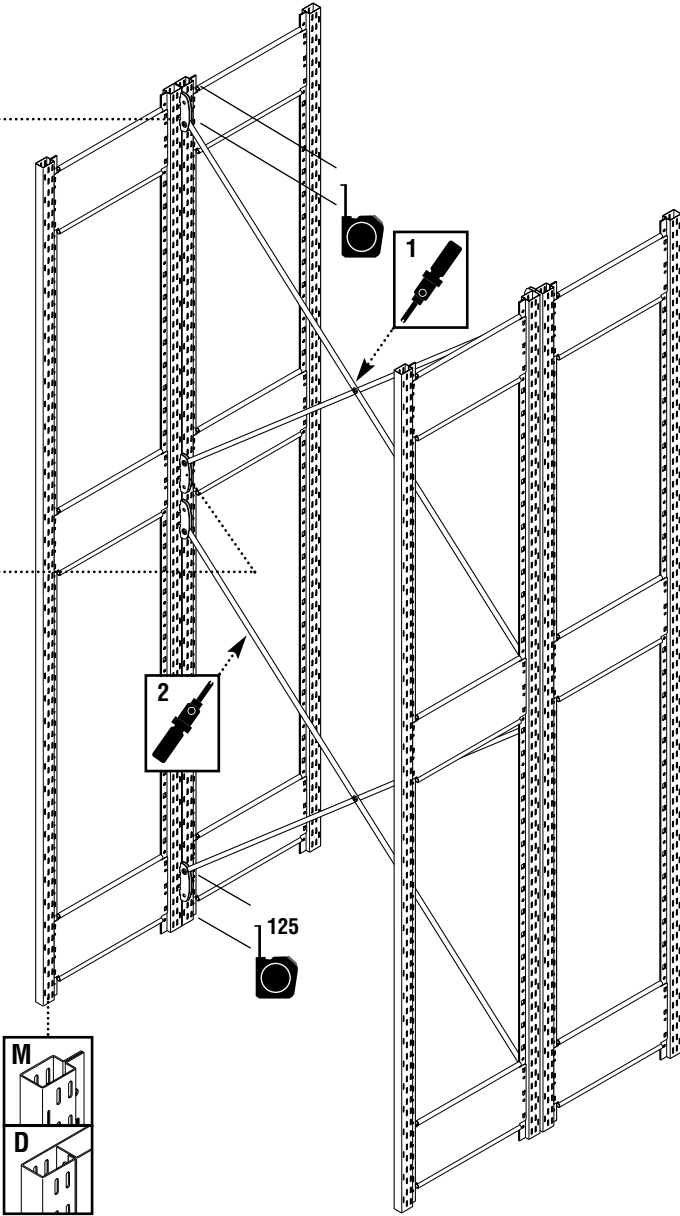
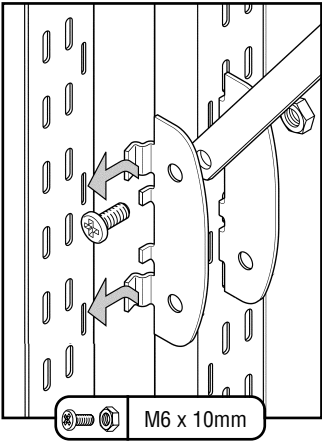
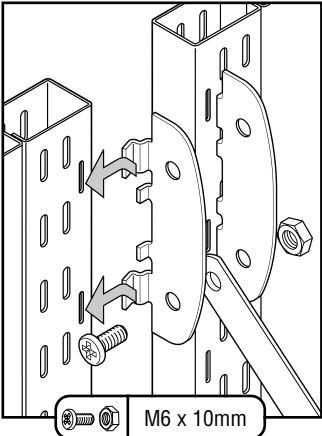
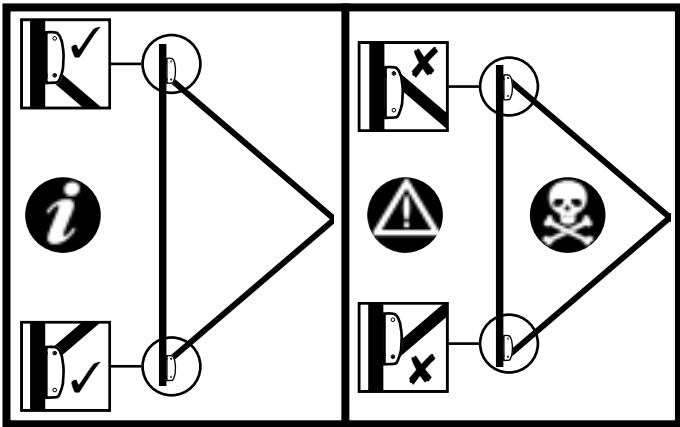
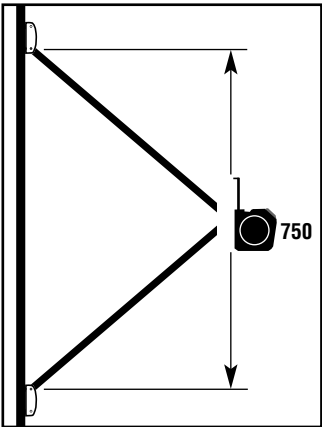
MONO & DUO  
Backing bays

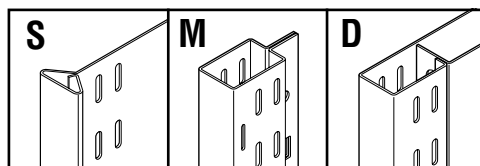




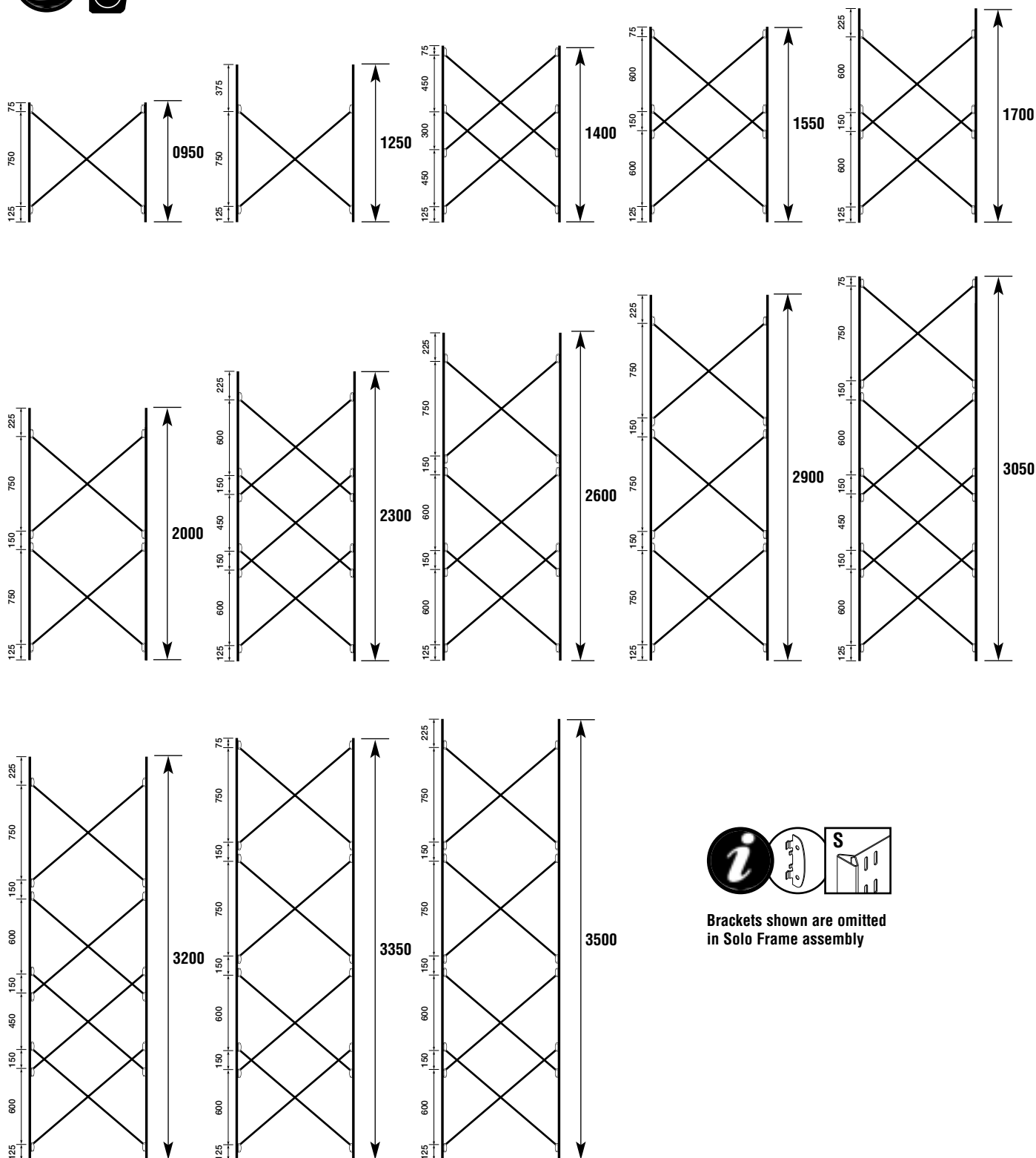


STANDARD  
FRAMES





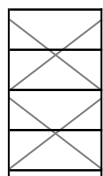
**EXTENDED FRAME RANGE - cross-bracing location**



**Brackets shown are omitted  
in Solo Frame assembly**

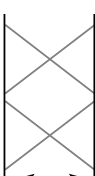
# STORMOR® Shelving Bay Assembly

**3**

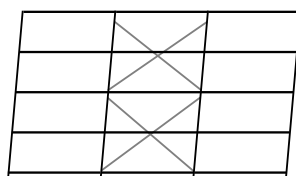


**OPEN  
BRACED BAYS**

**3.2**

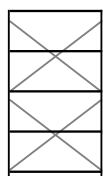


**Floor Fixing!**  
**ALL FRAME  
TYPES**



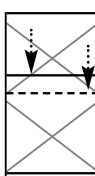
**May be required for bay  
stability - refer to page 19**

**3**



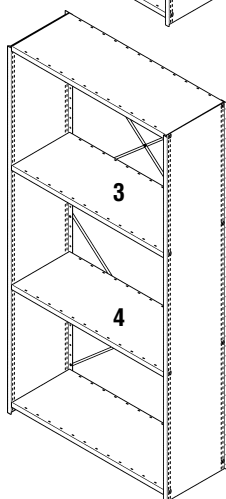
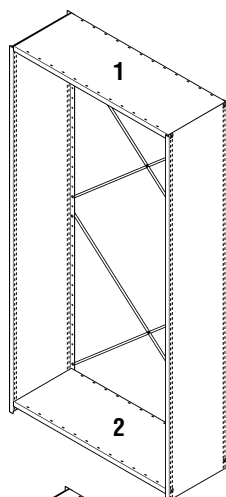
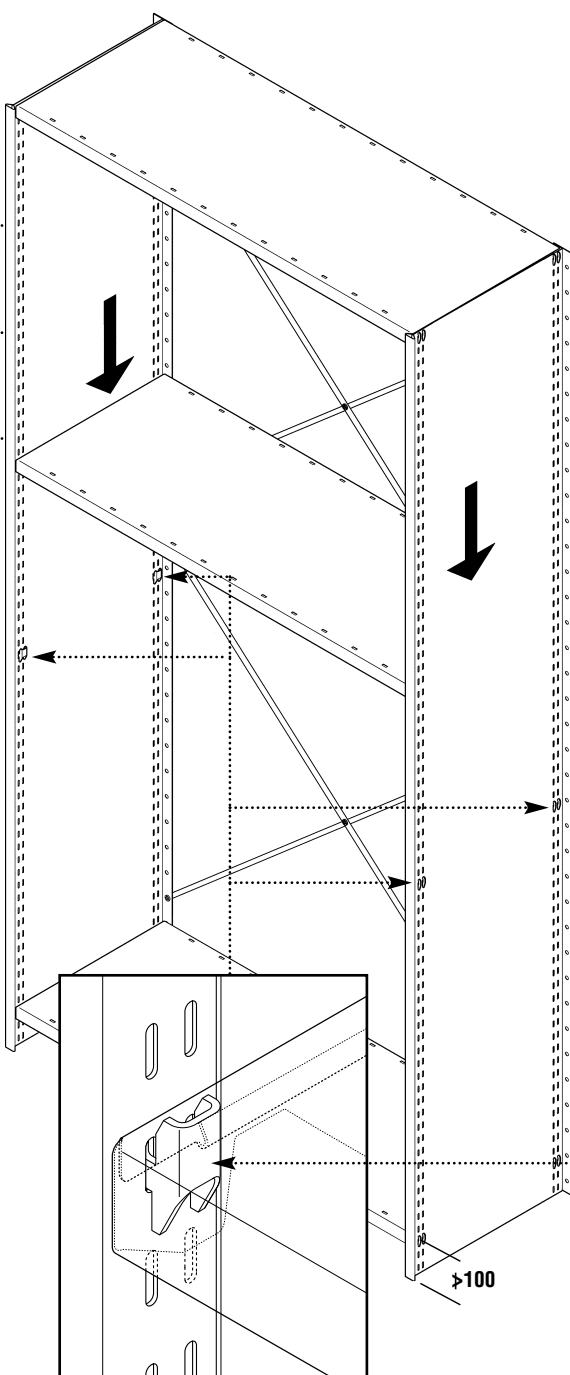
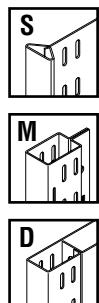
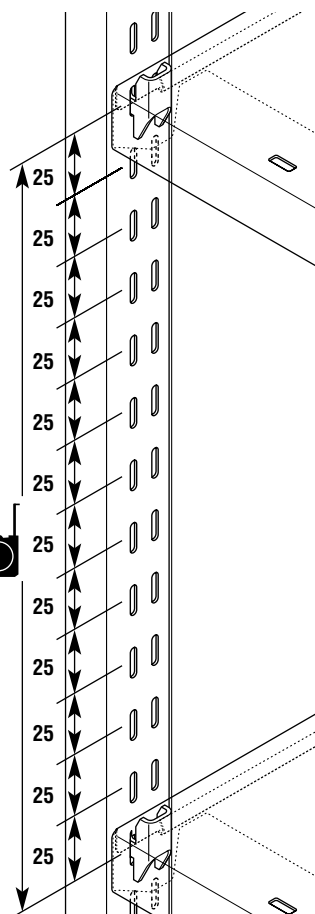
**OPEN  
BRACED BAYS**

**3.3**



**Locate Shelves**  
**ALL FRAME  
TYPES**

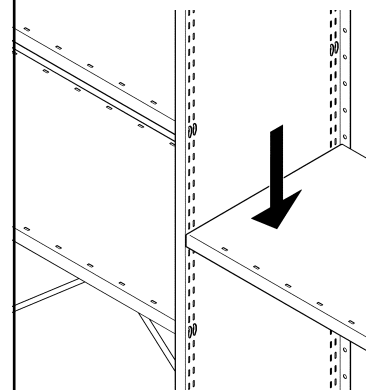
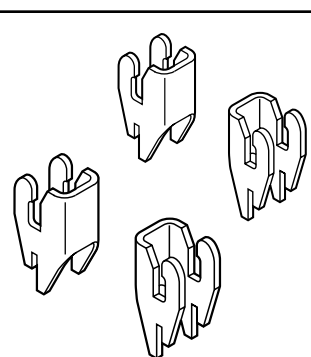
**Measure required shelf pitches**



**Locate top & base, then  
intermediate shelves**

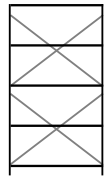


**Shelves share  
common clips**



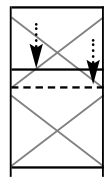
# STORMOR® Shelving Bay Assembly

**3**



**OPEN  
BRACED BAYS**

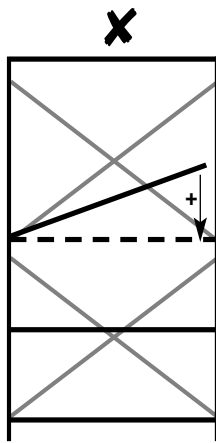
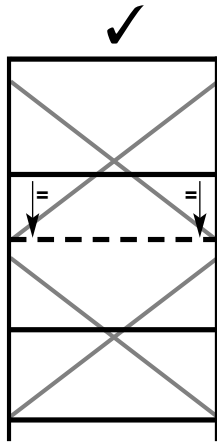
**3.3**



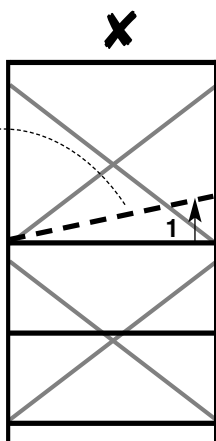
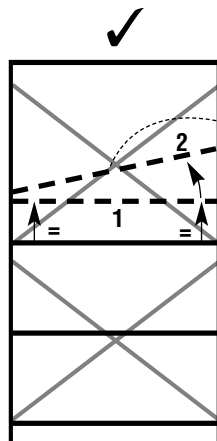
**Locate Shelves**  
**ALL FRAME  
TYPES**



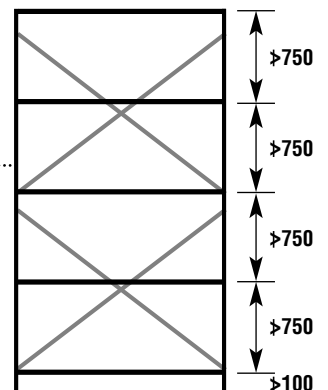
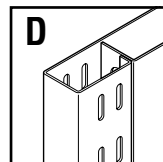
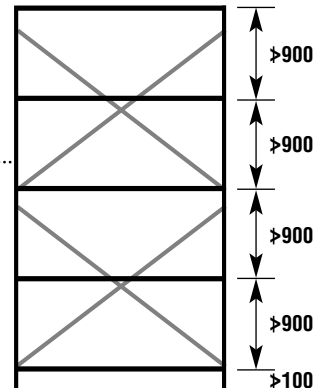
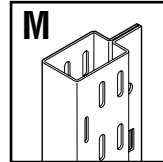
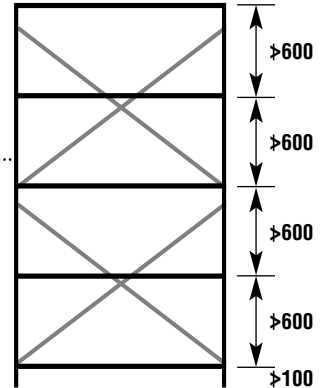
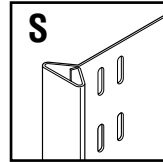
**LOCATE SHELVES WITH CARE**



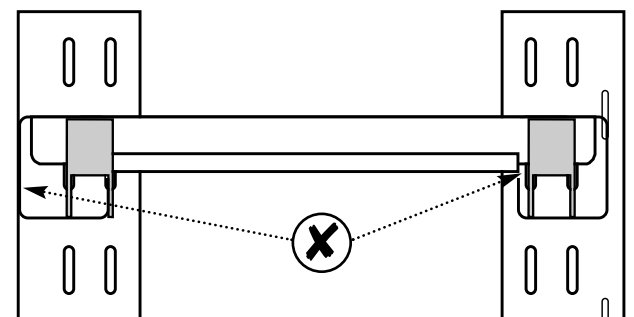
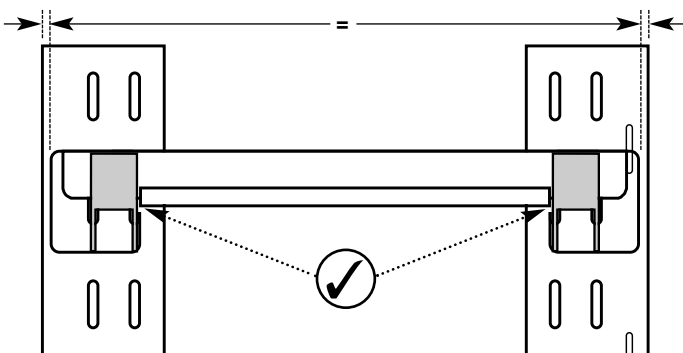
**REMOVE SHELVES WITH CARE**



**DO NOT EXCEED MAXIMUM SHELF PITCHES**

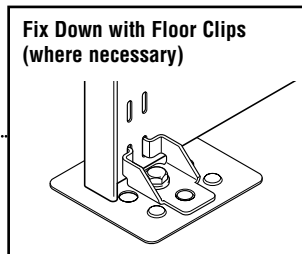
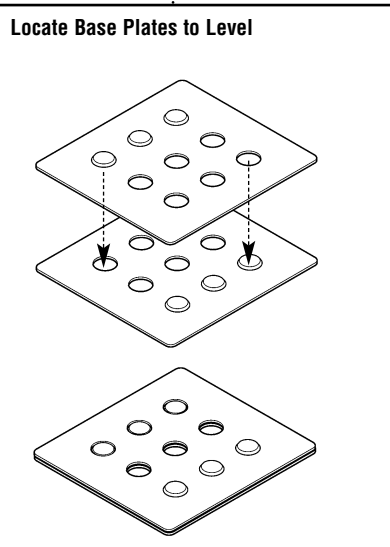
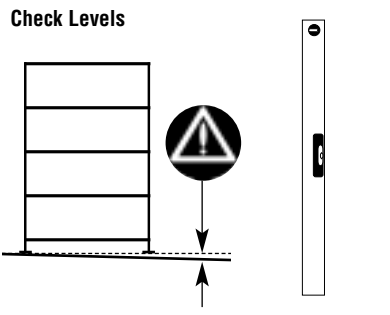
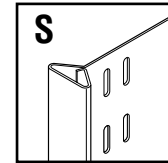
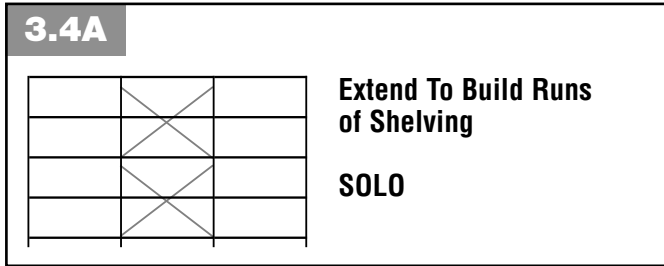
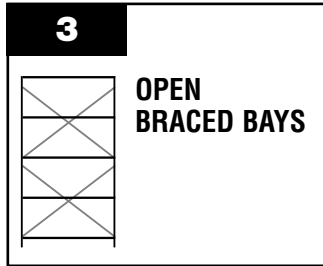


**ENSURE SHELF FLANGE IS LOCATED BETWEEN CLIPS**

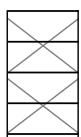
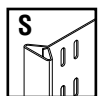
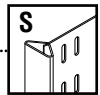


Note: component illustrations are not to a constant scale. All dimensions are in mm

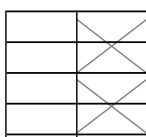
# STORMOR® Shelving Bay Assembly



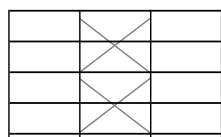
**Incorporate Additional Bracing!**



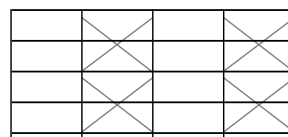
**1 BAY**



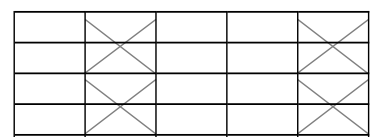
**2 BAYS**



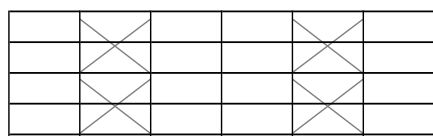
**3 BAYS**



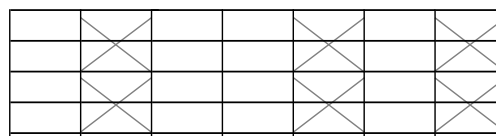
**4 BAYS**



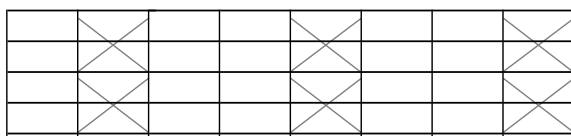
**5 BAYS**



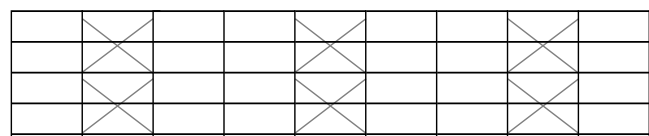
**6 BAYS**



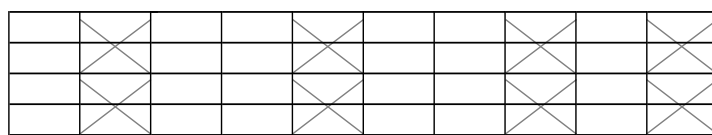
**7 BAYS**



**8 BAYS**



**9 BAYS**

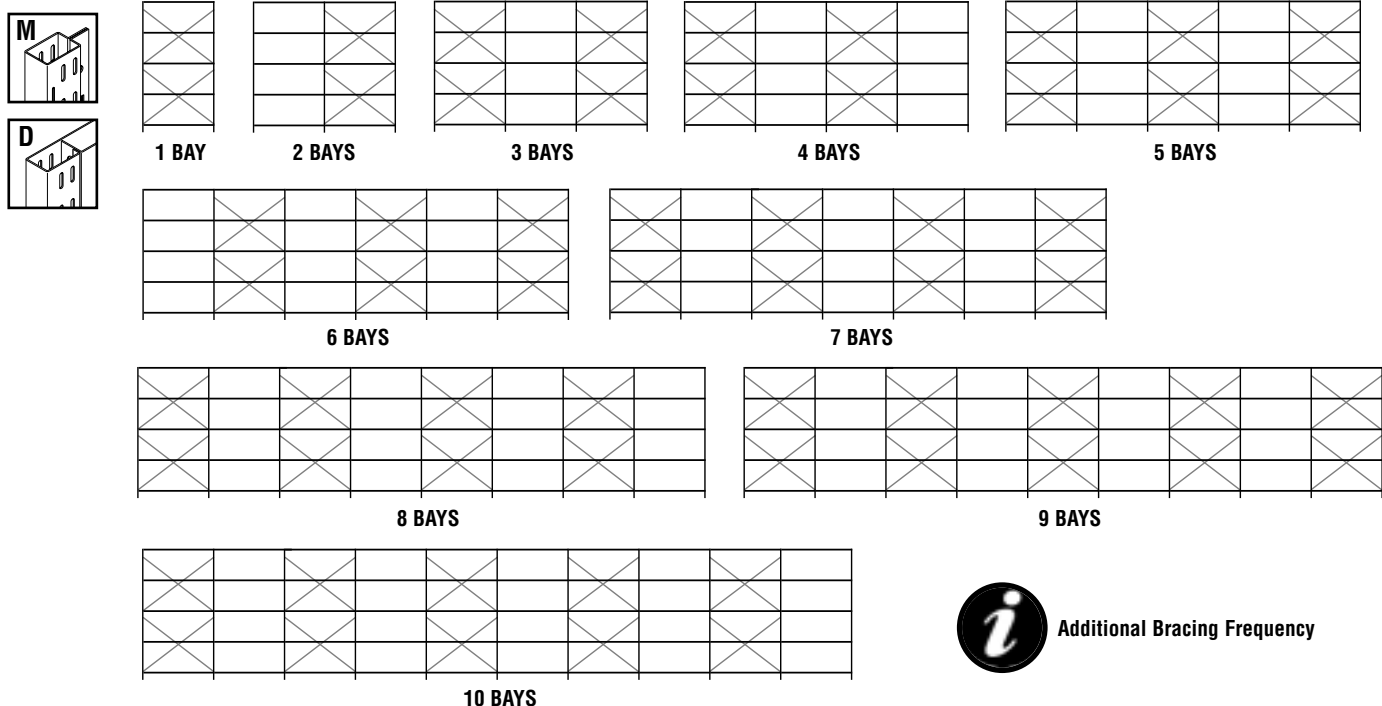
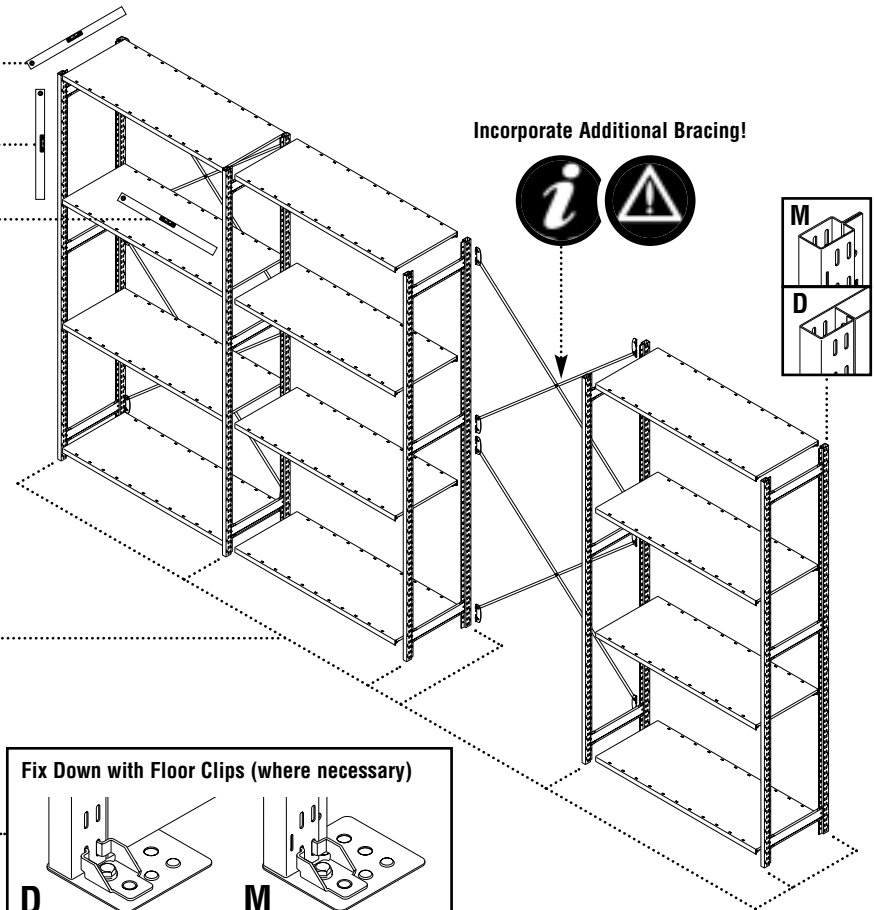
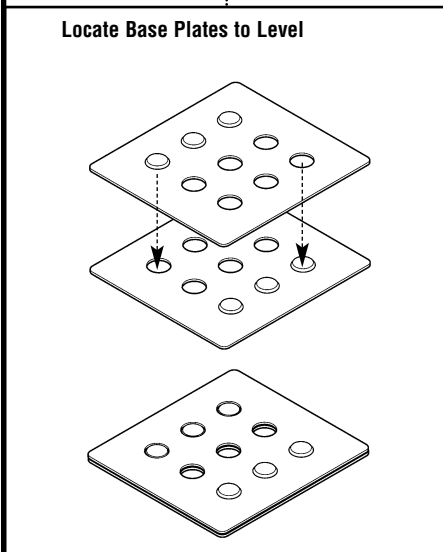
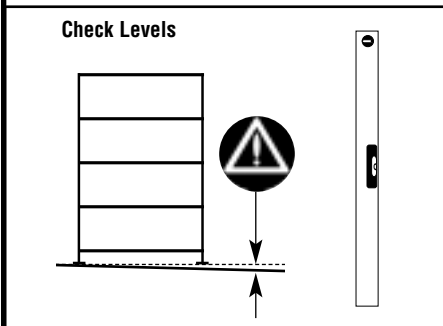
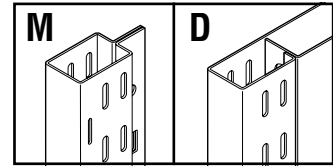
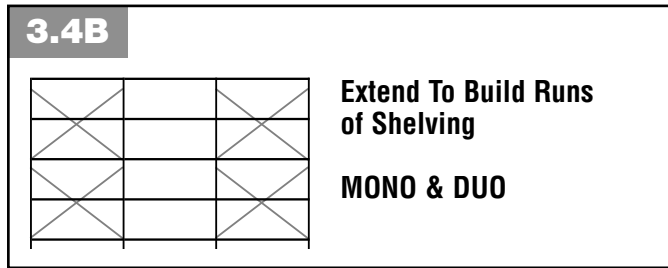
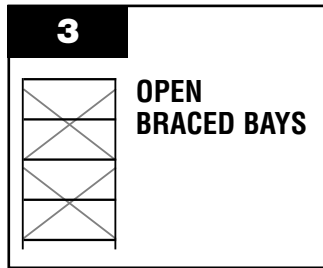


**10 BAYS**

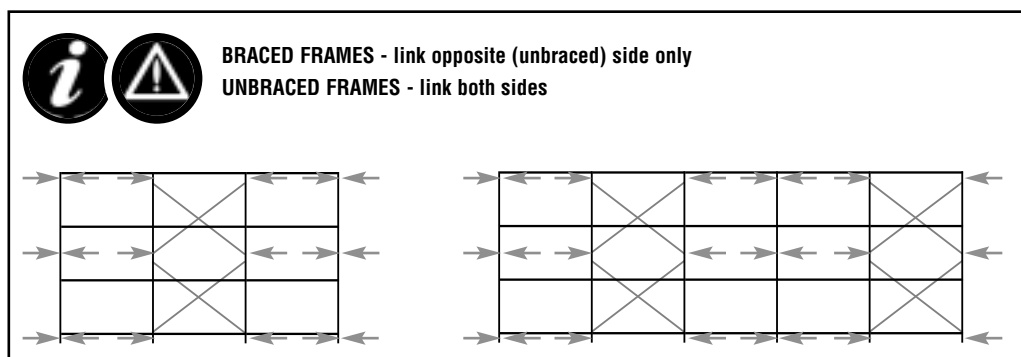
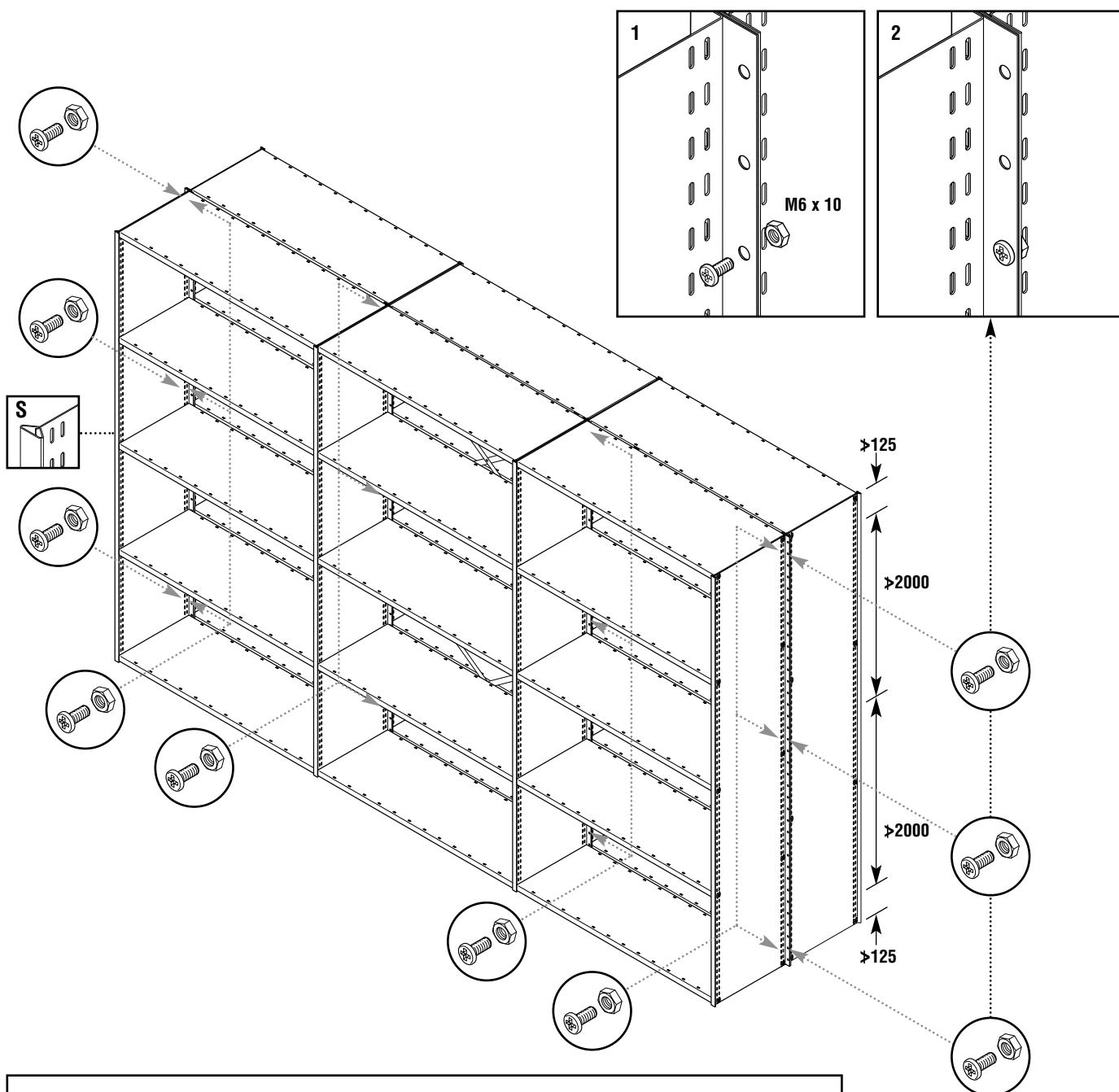
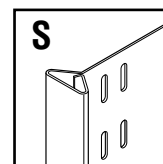
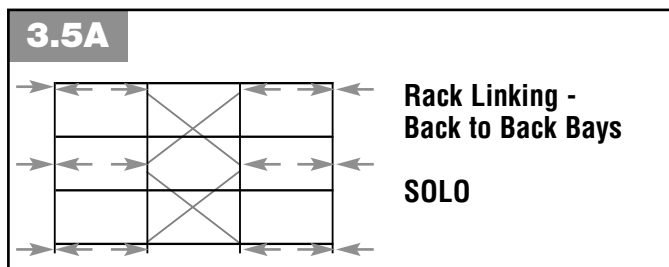
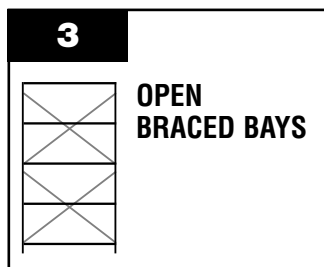


**Additional Bracing Frequency**

# STORMOR® Shelving Bay Assembly

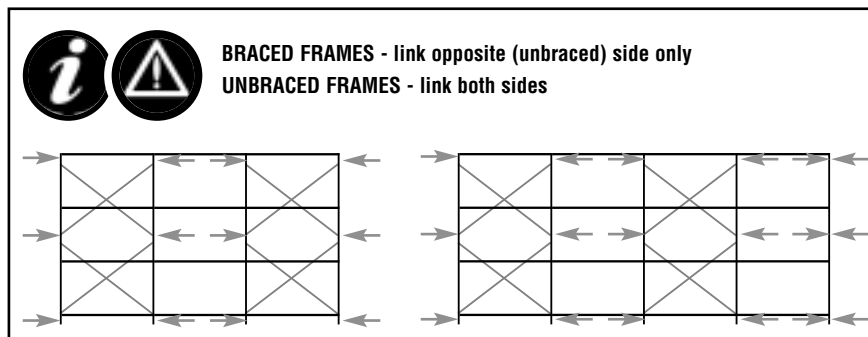
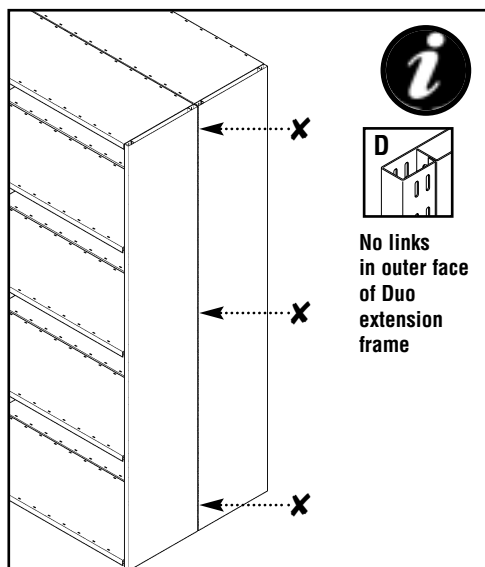
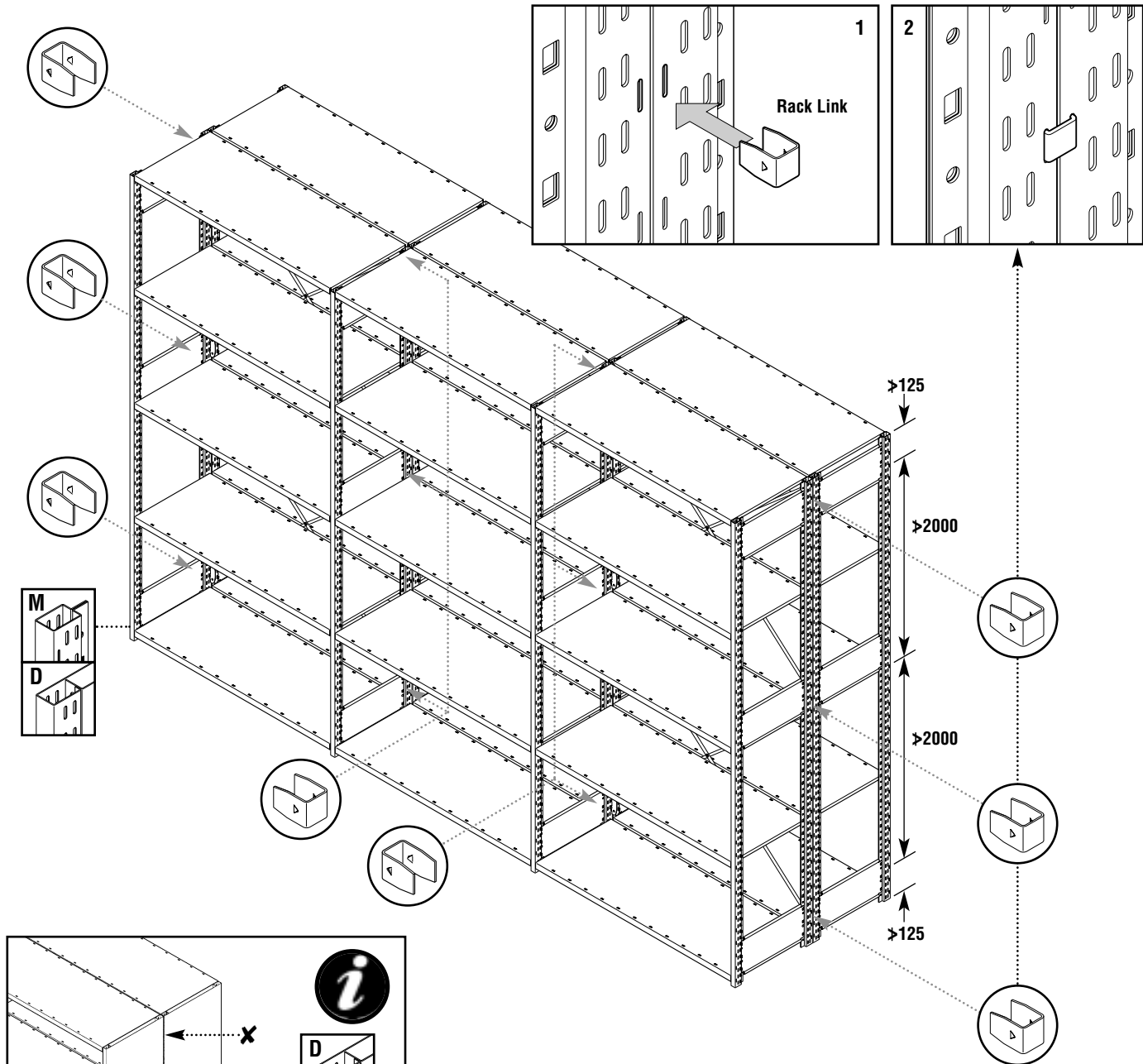
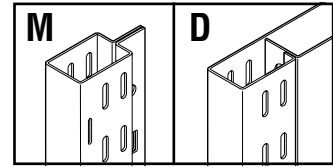
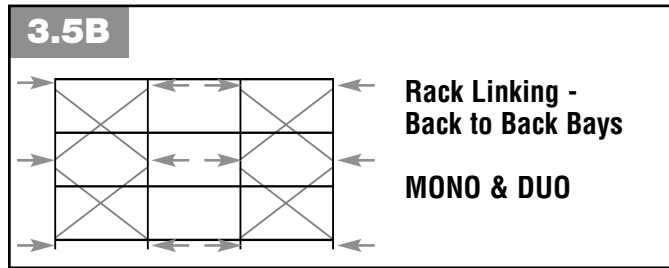
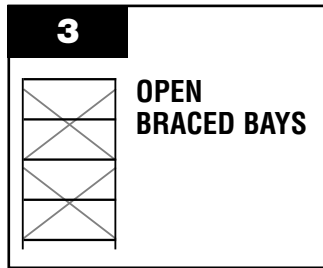


# STORMOR® Shelving Bay Assembly

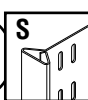
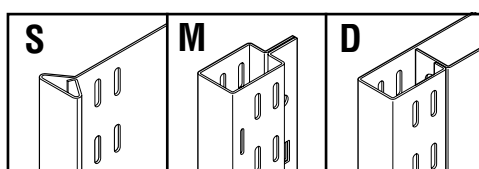
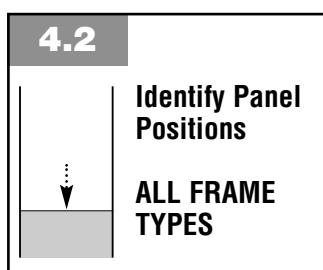
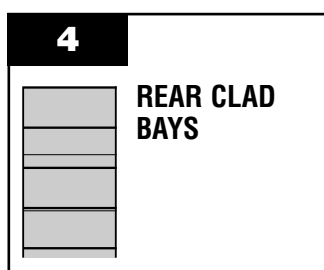
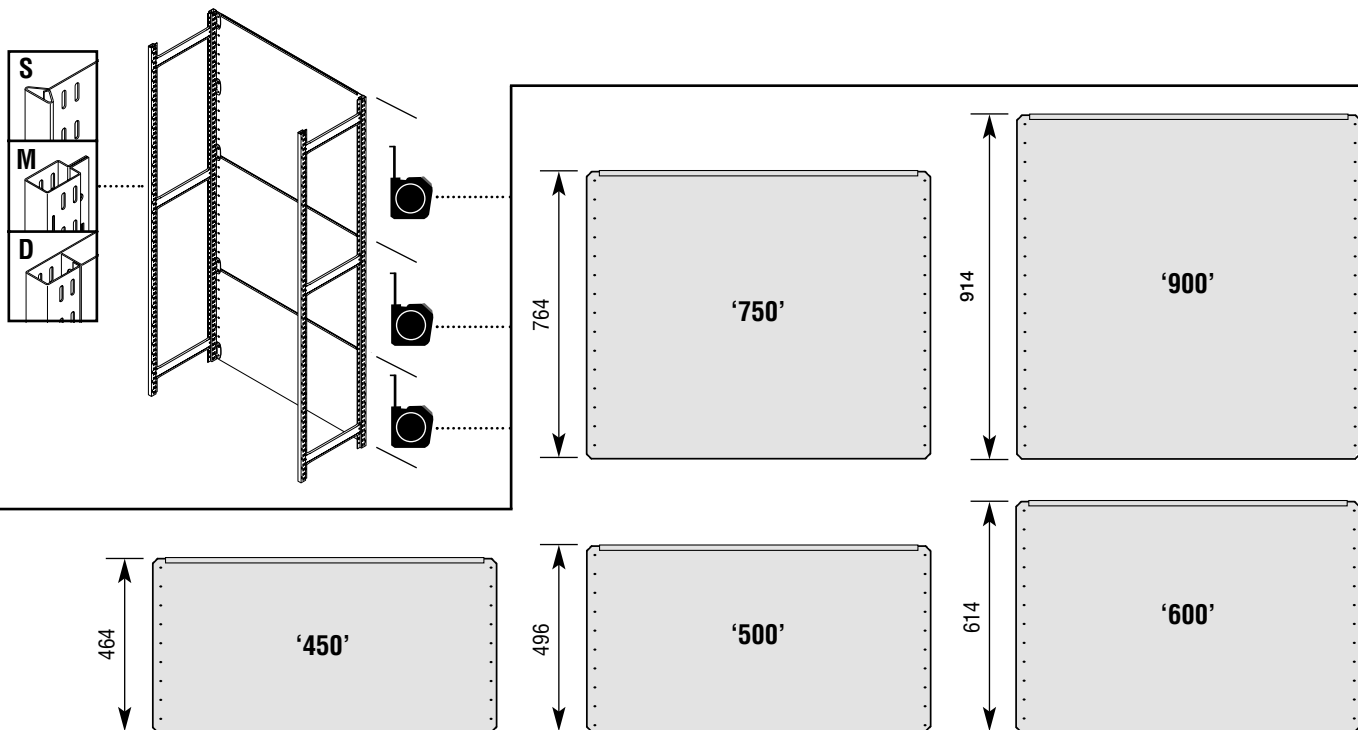
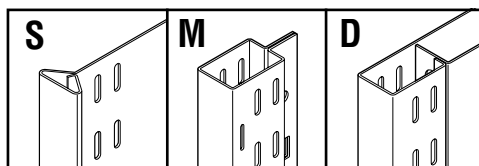
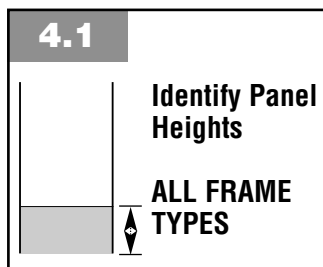
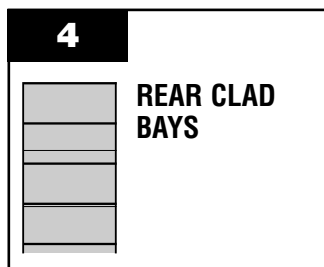




# STORMOR® Shelving Bay Assembly



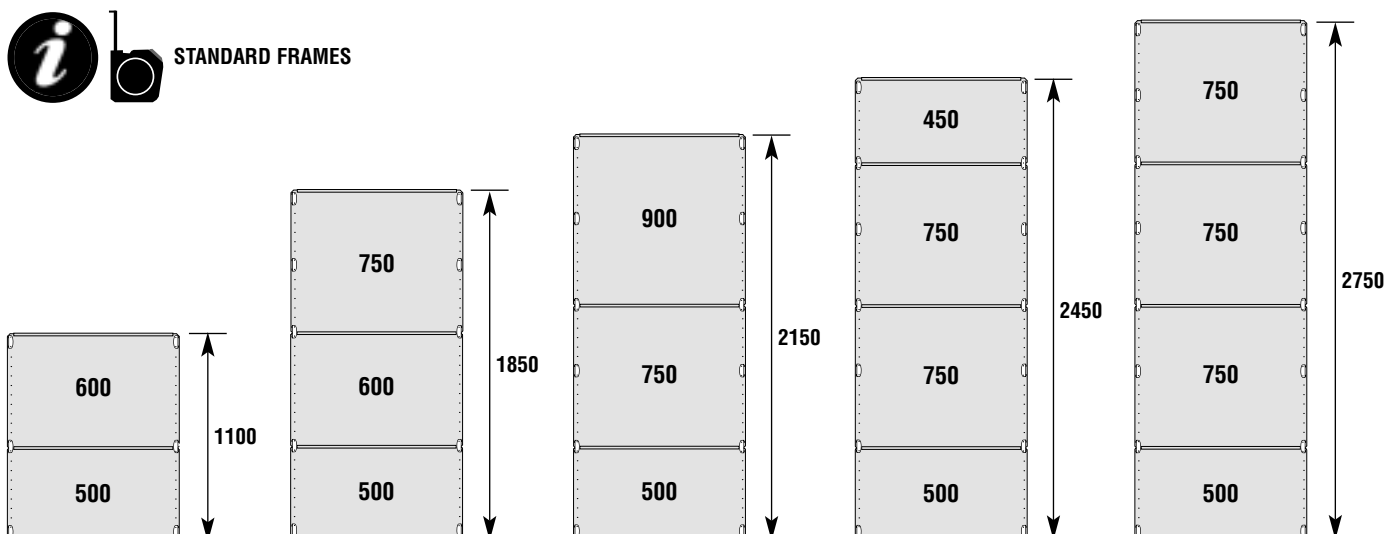
# STORMOR® Shelving Bay Assembly



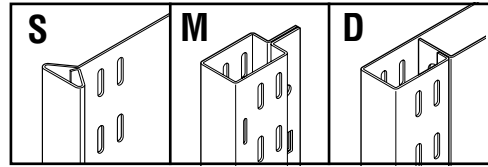
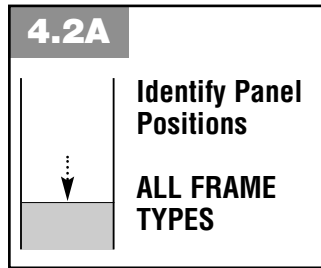
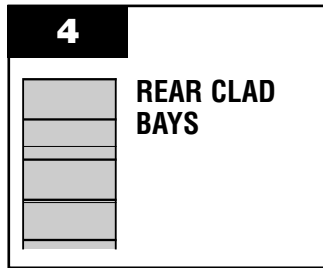
Brackets shown are omitted in Solo Frame assembly



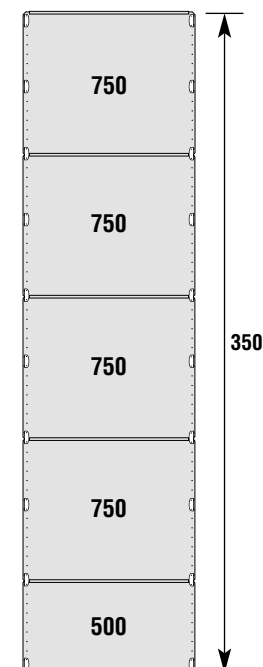
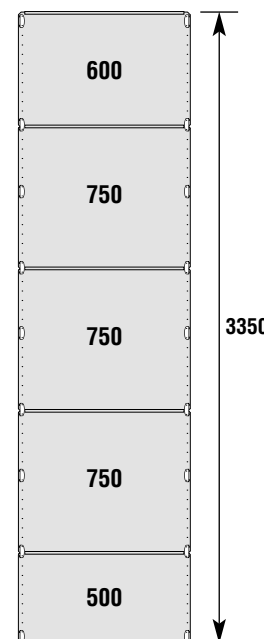
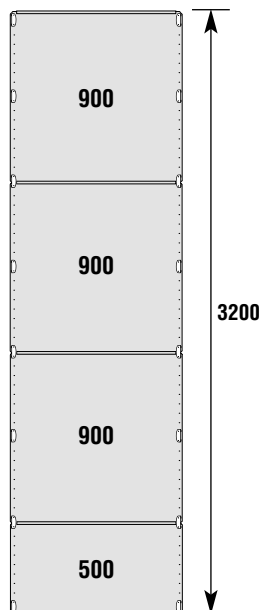
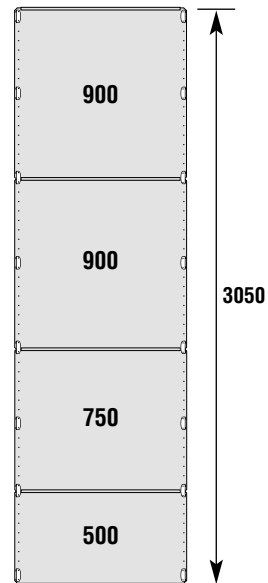
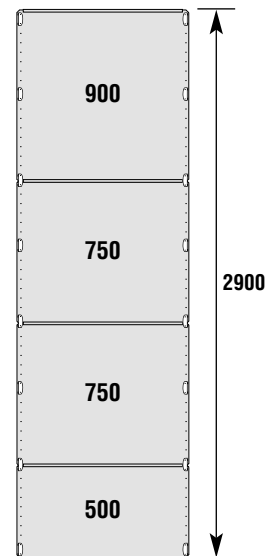
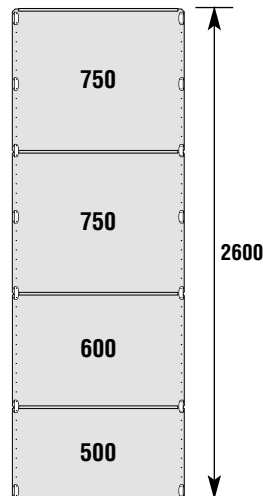
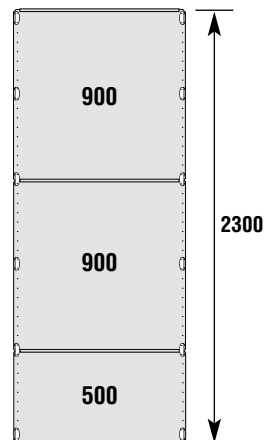
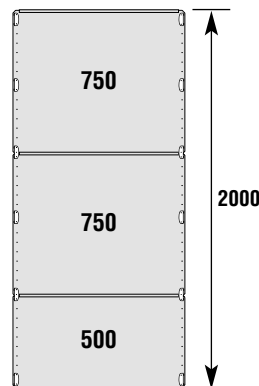
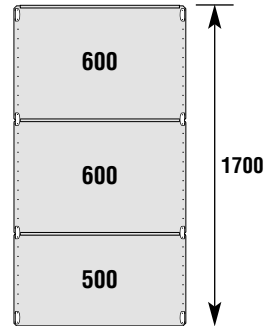
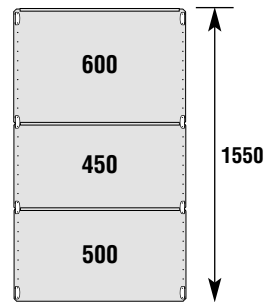
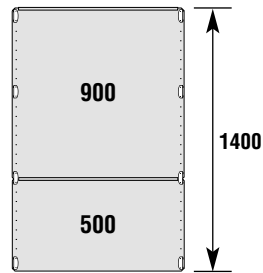
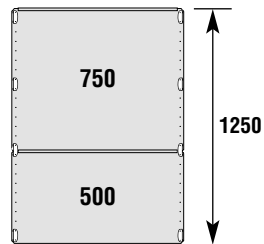
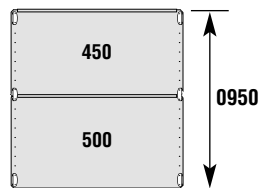
STANDARD FRAMES



# STORMOR® Shelving Bay Assembly



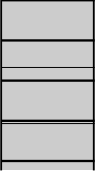
## EXTENDED FRAME RANGE



Brackets shown are omitted in Solo Frame assembly


STORMOR® Shelving Bay Assembly

4

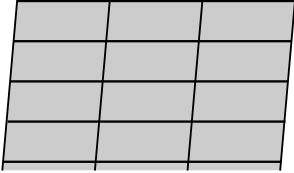


REAR CLAD  
BAYS

4.3




Floor Fixing!  
ALL FRAME  
TYPES



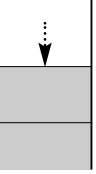
May be required for bay  
stability - refer to page 19

4




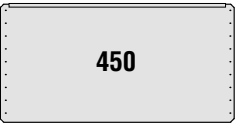
REAR CLAD  
BAYS

4.4A




Install  
Rear Cladding  
SOLO


 Nut & Bolt fixings  
per panel




450




500



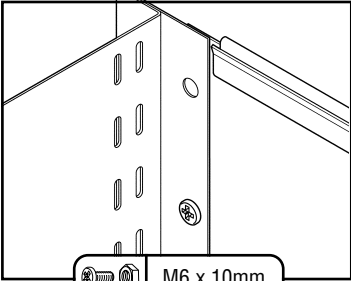
600



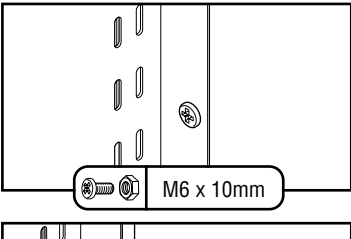
750



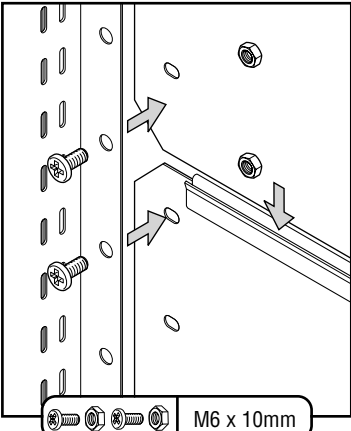
900



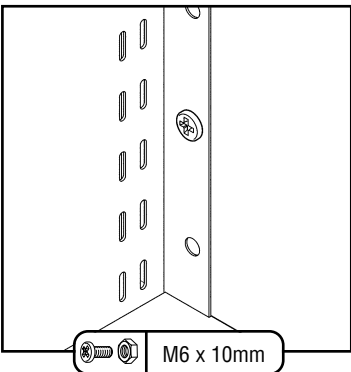
M6 x 10mm



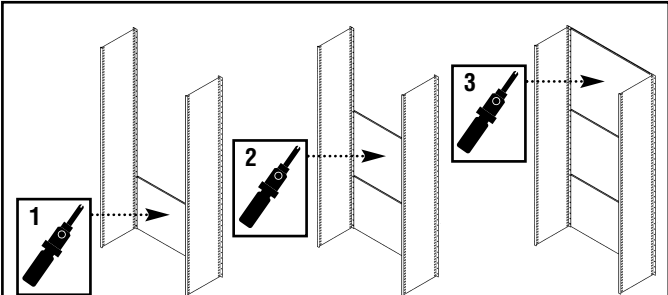
M6 x 10mm




M6 x 10mm

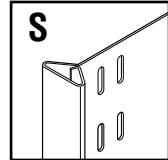


M6 x 10mm




1 2 3





S



S

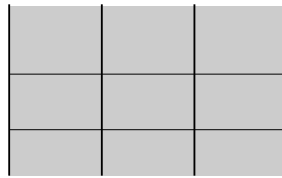
# STORMOR® Shelving Bay Assembly

**4**

**REAR CLAD BAYS**



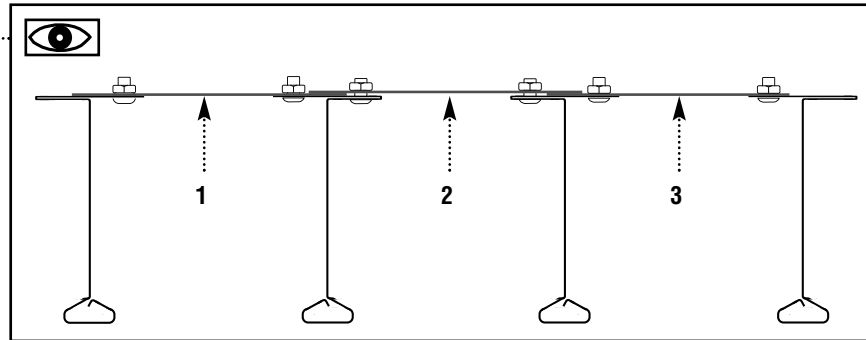
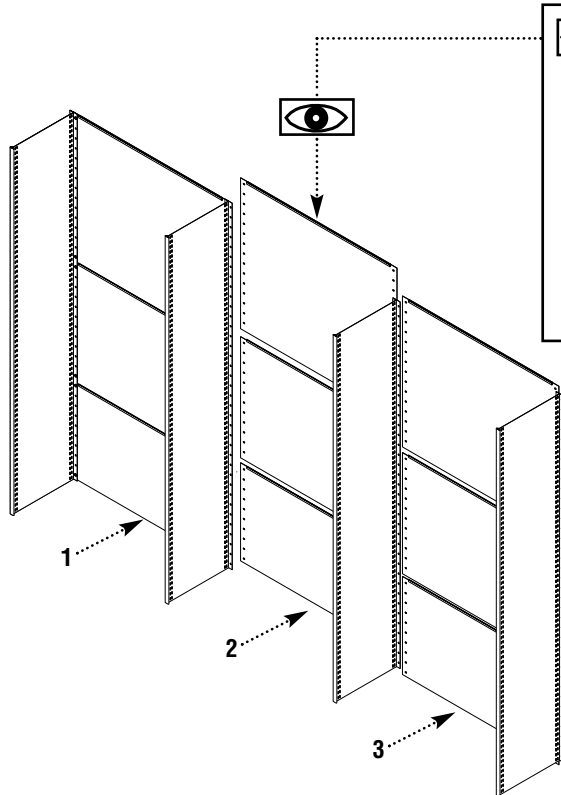
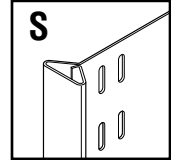
**4.4A**



**Extend To Build Runs of Shelving**

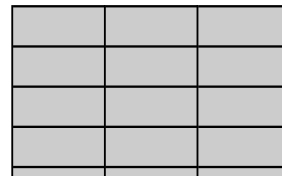
**SOLO**

**S**

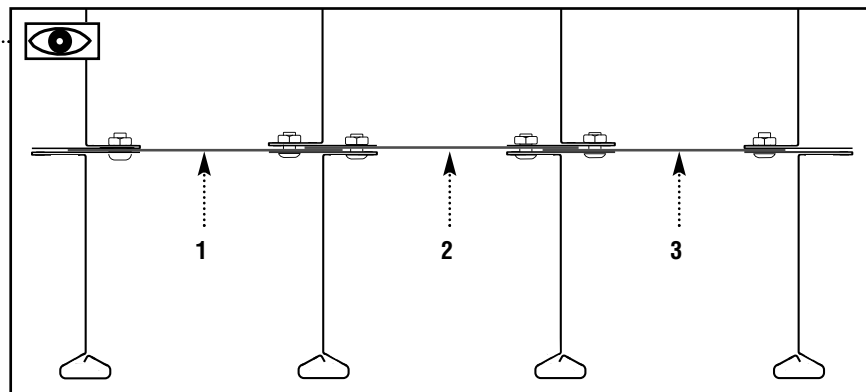
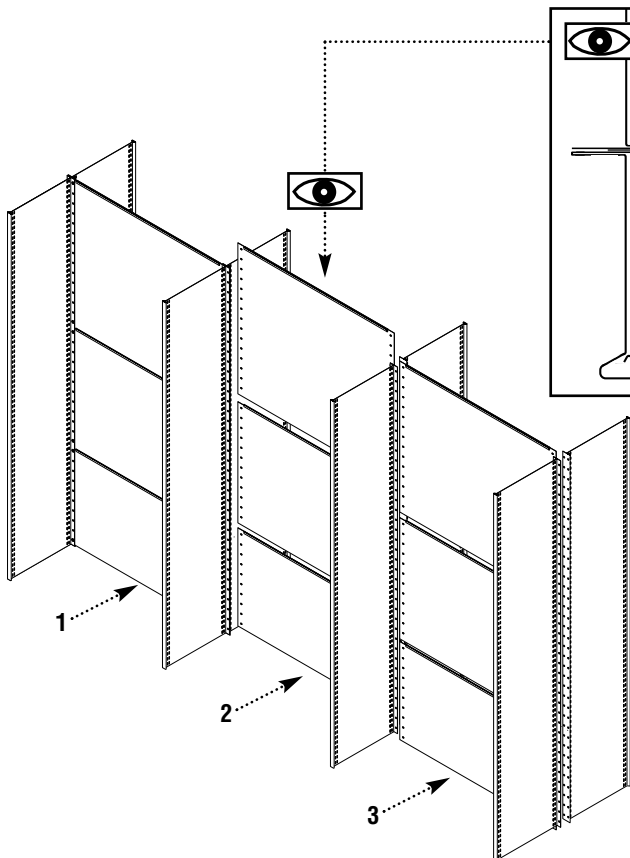


- Note overlap of cladding sheets
- Nuts finger tight only until all cladding is assembled, then fully tighten

**4.5A**

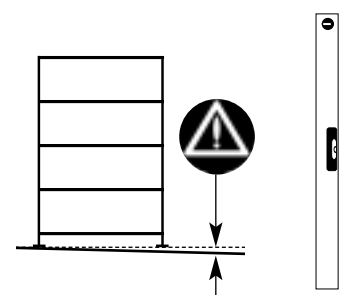


**Locate Shelves - refer to pages 7-8**



**CHECK LEVELS**

**Locate Base Plates to Level - refer to page 9**



# STORMOR® Shelving Bay Assembly

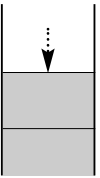
**4**

**REAR CLAD  
BAYS**



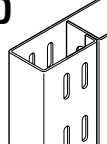
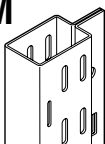
**4.4B**

**Install  
Rear Cladding  
MONO & DUO**



**M**

**D**



**Nut & Bolt fixings  
per panel**

**450**

**500**

**600**

**750**

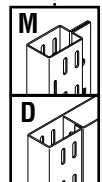
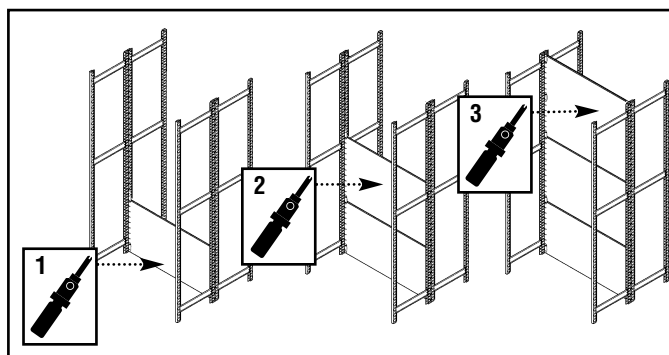
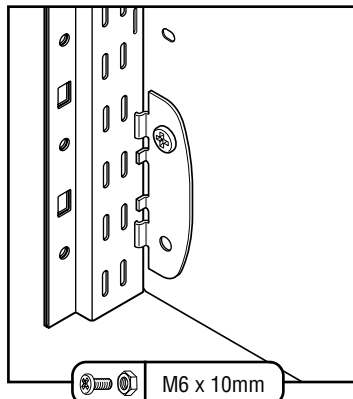
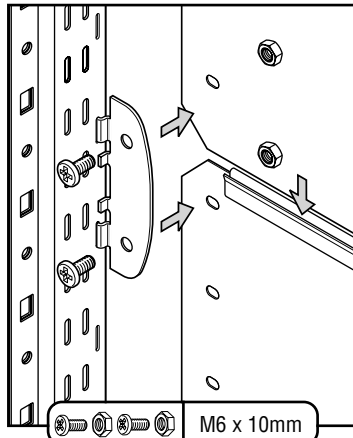
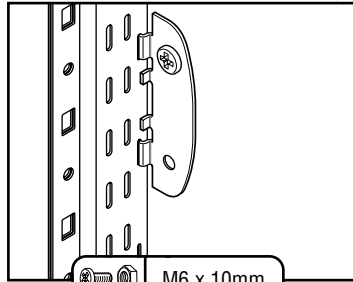
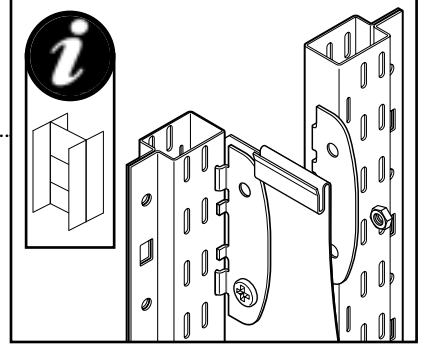
**900**

M6 x 10mm

M6 x 10mm

M6 x 10mm

M6 x 10mm



# STORMOR® Shelving Bay Assembly

**4**

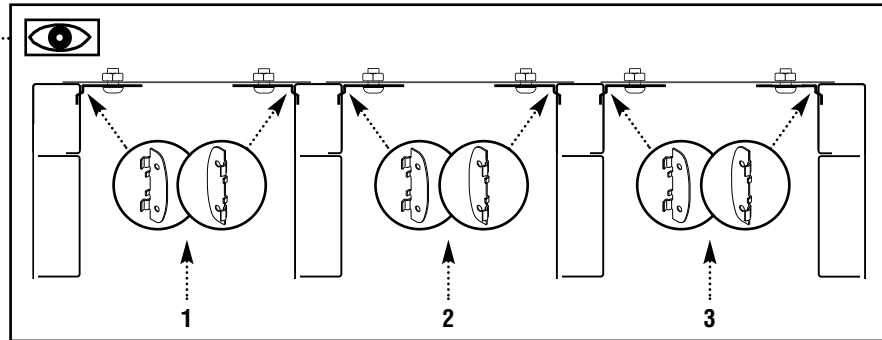
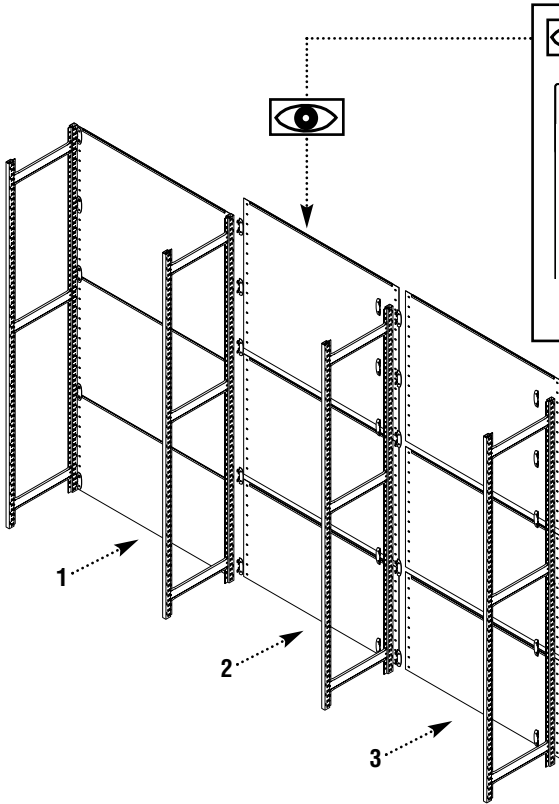
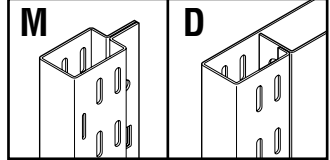
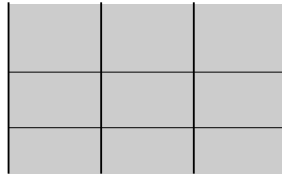
**REAR CLAD  
BAYS**



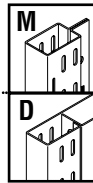
**4.4B**

**Extend To Build Runs  
of Shelving**

**MONO & DUO**

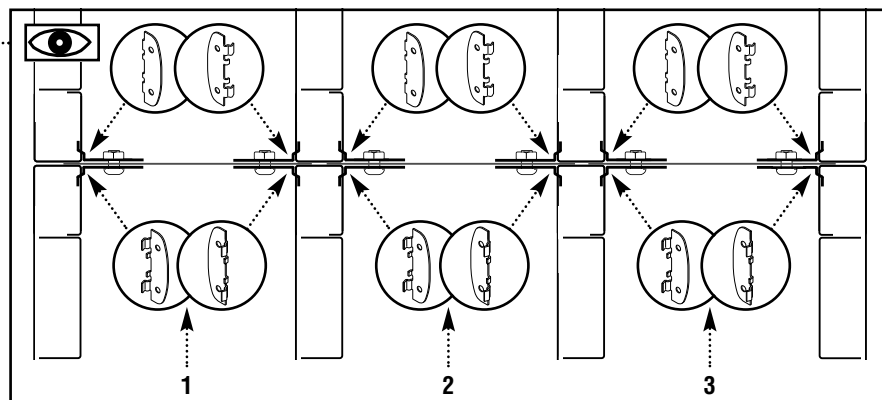
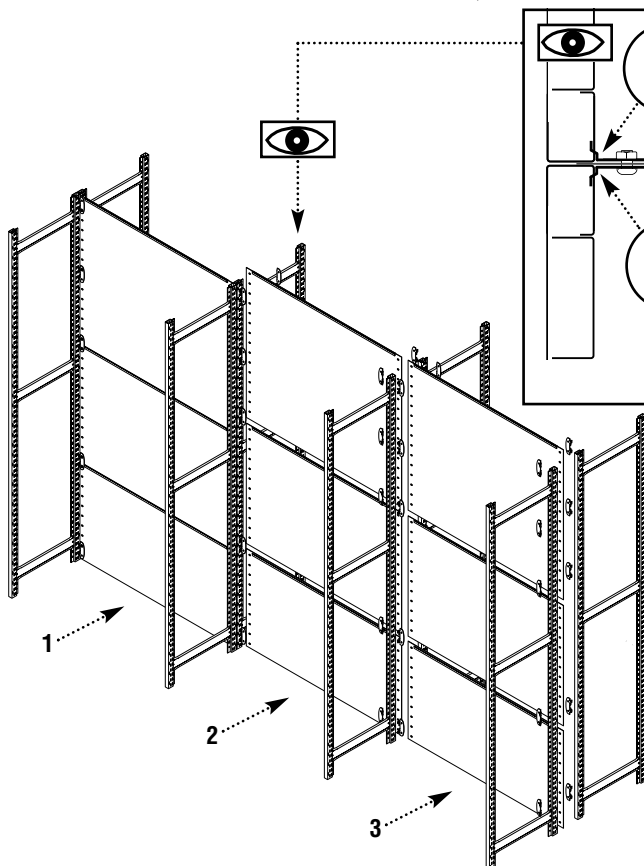
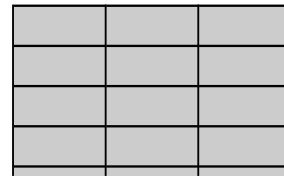


**Fully tighten nuts during assembly**



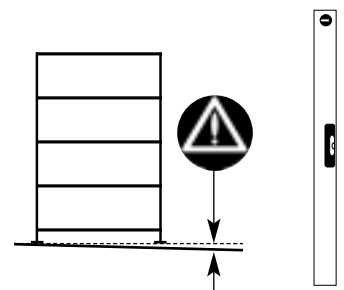
**4.5B**

**Locate Shelves -  
refer to pages 7-8**




**CHECK LEVELS**

**Locate Base Plates to Level - refer to page 10**



# STORMOR® Shelving Bay Assembly

**5**



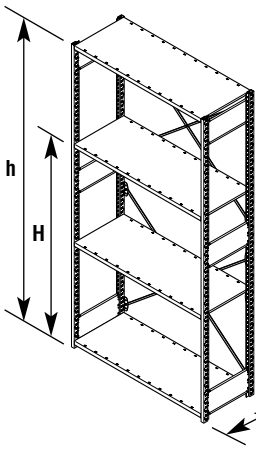
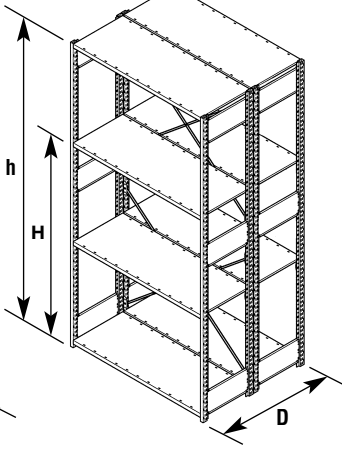
**OPEN BAYS  
CLAD BAYS**

**Floor Fixing  
For Stability**


**ALL FRAME  
TYPES**

*i*

**STABILITY = HEIGHT TO DEPTH RATIO**

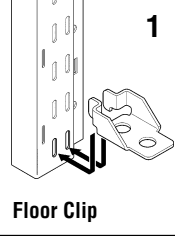



**D = Depth**  
**H = Height, floor to highest loaded shelf, with top shelf used as a dust cover, unladen**  
**h = height, floor to highest loaded shelf, with top shelf loaded**



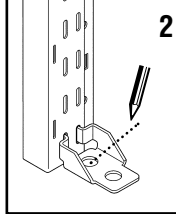
**H:D > 4:1 = FLOOR FIXING RECOMMENDED**  
**h:D > 4:1 = FLOOR FIXING RECOMMENDED**

**1**

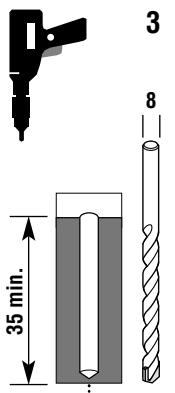


**Floor Clip**

**2**



**3**

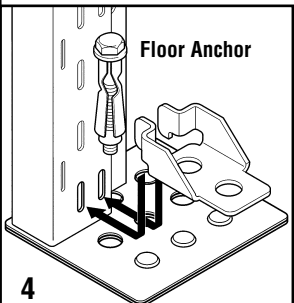


**35 min.**

**8**

**Ensure floor will accept Anchor!**

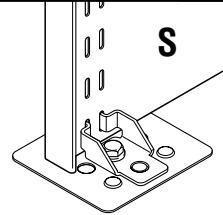
**4**



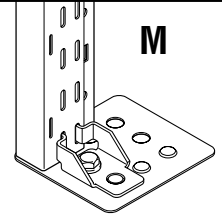
**Floor Anchor**

**6Nm**

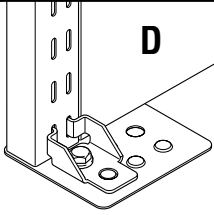
**S**

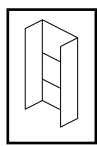
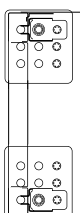
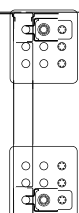
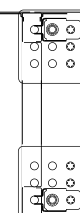
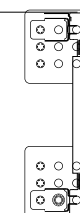


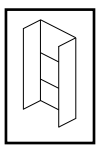
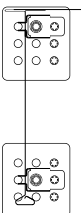
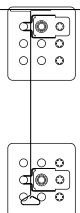
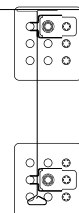
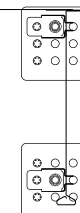
**M**

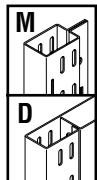
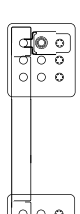
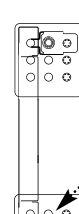
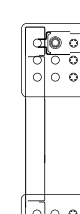
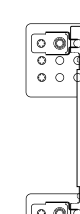


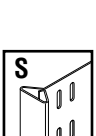
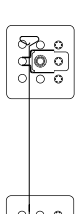
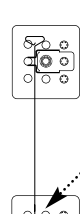
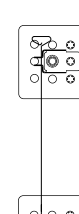
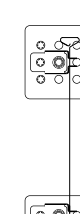
**D**

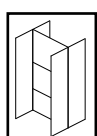
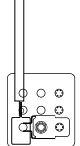
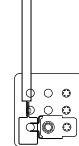
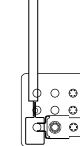
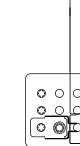


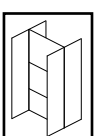
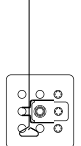
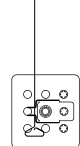
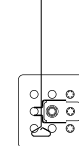
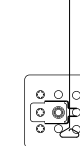








= Location of additional Floor Clips where H:D/h:D > 6:1