

Bulk Storage Racks Assembly Guide

SMS-39-DRHC

Receiving Instructions

1. Check the number of packages (parts) received against the bill of lading. If any shortages, secure a "Shortage Notation" from the carrier and file a claim. Check material for damage. If any is damaged, secure a "Damage Notation" from the carrier and file a claim against carrier.
2. Check material received against your "Copy of Order".
3. When unpacking, arrange like parts together and as close as possible to working area in which they are assembled.
4. Tools required are a Rubber Mallet and a Screw Driver when using center supports.
5. Familiarize yourself with all the component parts.
6. Save this document for future reference.

Assembly Instructions

1. Start by putting side frame assemblies together by inserting front to back beams (part ABS/ABH) into post at top and bottom.
2. Once both side frame assemblies are made, take one side frame assembly and insert one left to right angle beam (ABS/ABH) into the bottom of front post and one left to right beam into the bottom of the rear post. This will make the frame stand up by itself. Now insert the opposite end of the same left to right beams (ABS/ABH) into the other frame assembly.
3. Now with the unit standing, insert additional beams required to complete unit.
4. Assemble center supports (if required) to angle beams and/or channel beams using (4) 1/4-20 x 1/2 bolts and hex nuts per support.
5. Assemble foot plate (if required) to post using one (1) or two (2) (as required) tek screws. Anchor to floor (anchors not supplied by HALLOWELL).
6. Attach tie plates (if required) by inserting rivets in post and tap down to seat.
7. Assemble row spacers and top ties (if required) by inserting rivets into the face of the posts opposite each other and tap to seat.
8. Assemble wall ties (as required) into the face of the post and anchor the opposite end to the wall.
9. Assemble post splice to bottom and top angle post using eight (8) bolts and eight (8) nuts. When using "T" post use two (2) post splices and attach to bottom and top post using twelve (12) bolts and twelve (12) nuts.

Notes

1. When inserting beams into slots on post, beams must be seated into bottom of slots with a Rubber Mallet.
2. Beams cannot be placed in the level occupied by a splice plate.

Warning

Units are intended for use in hand-loaded applications only.

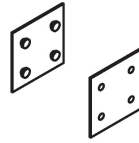
Powered material handling equipment should never be used around units without approval.



Components

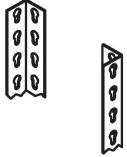
TP

TIE PLATE



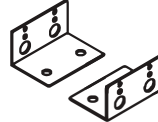
APS
APH

ANGLE POST STANDARD
OR
ANGLE POST HEAVY



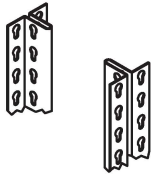
FP

FOOT PLATE



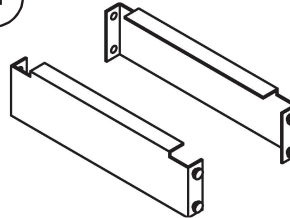
TPS
TPH

TEE POST STANDARD
OR
TEE POST HEAVY



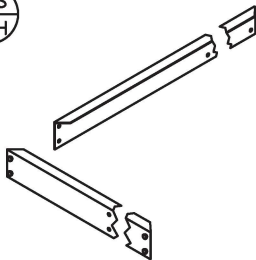
WT

WALL TIE



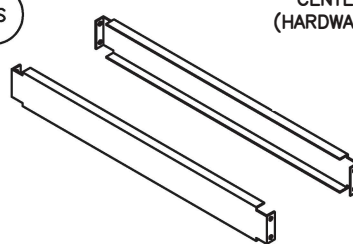
ABS
ABH

ANGLE BEAM STANDARD
OR
ANGLE BEAM HEAVY



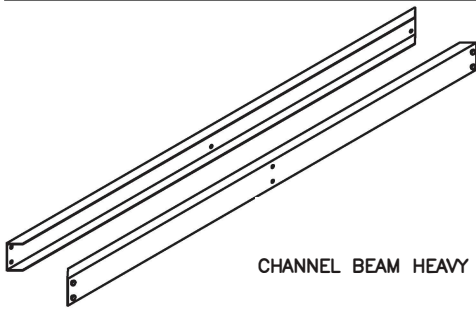
CS

CENTER SUPPORT
(HARDWARE INCLUDED)



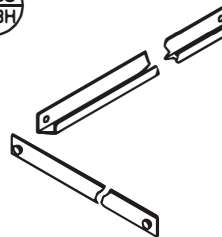
CBH

CHANNEL BEAM HEAVY



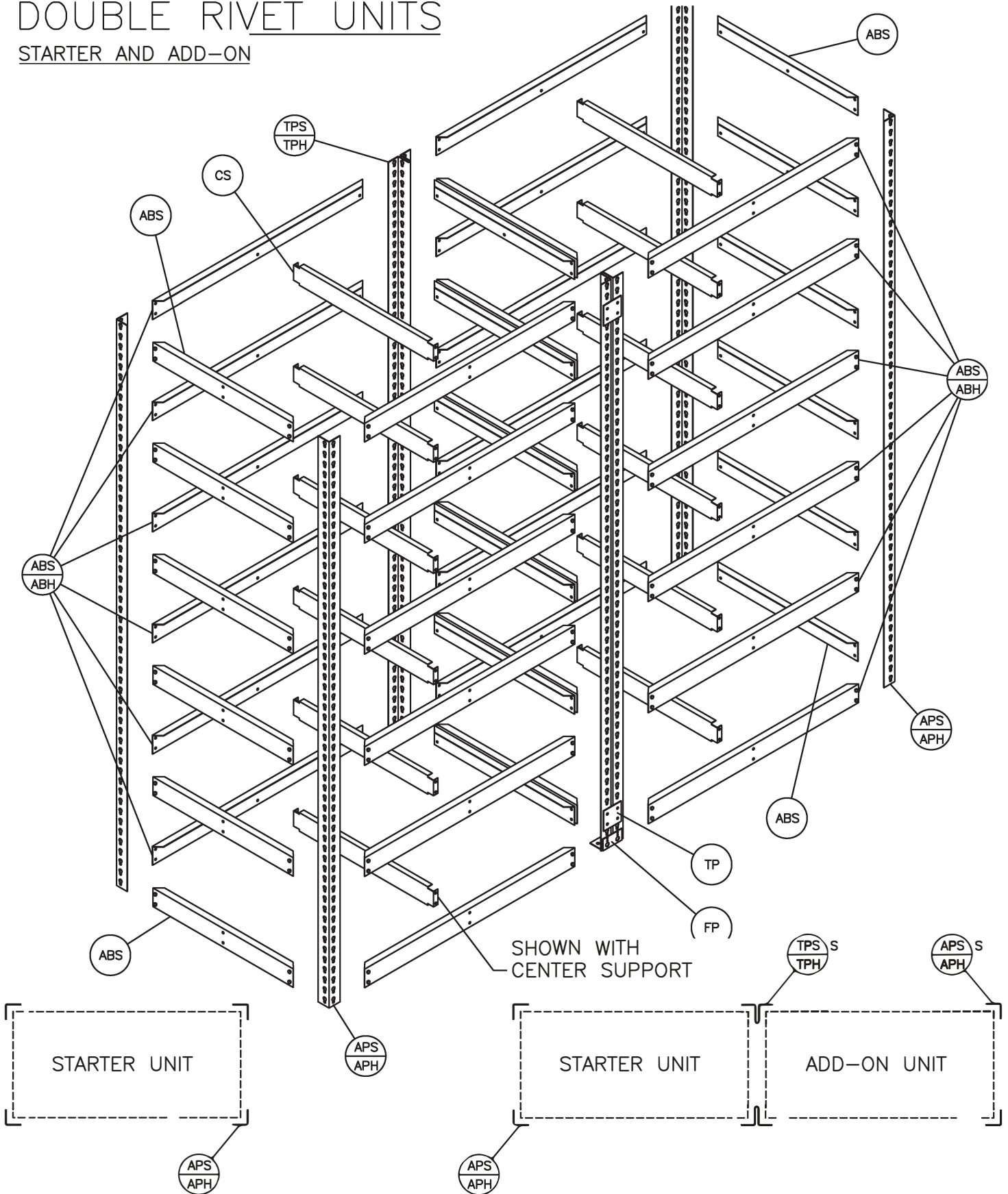
SRBS
SRBH

SINGLE RIVET BEAM STANDARD
OR
SINGLE RIVET BEAM HEAVY



DOUBLE RIVET UNITS

STARTER AND ADD-ON

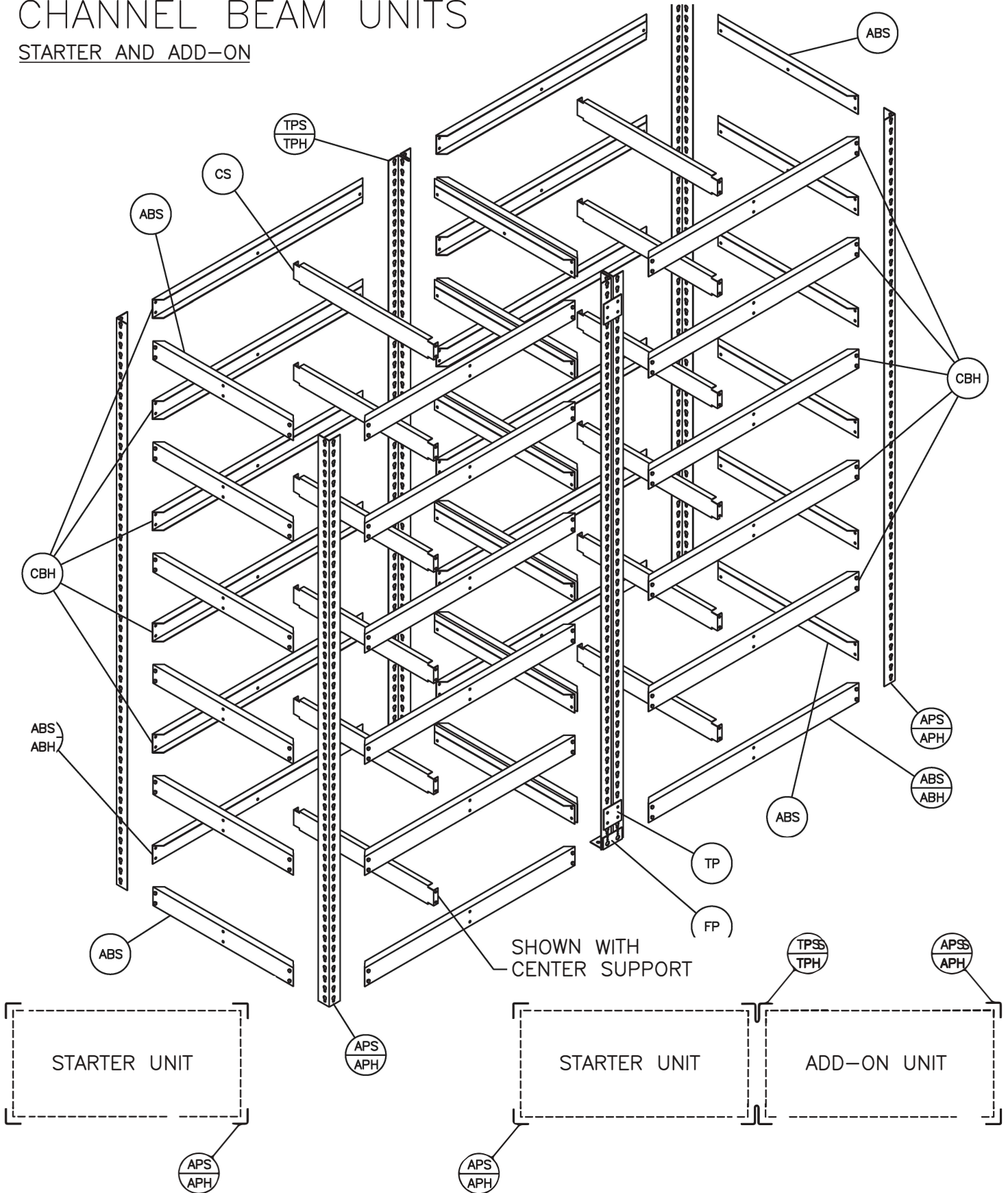


NOTE: WHEN ORDERING HEAVY-DUTY-ANGLE BEAMS UNITS, FRONT TO BACK BEAMS ARE STANDARD ABS BEAMS.



CHANNEL BEAM UNITS

STARTER AND ADD-ON



NOTE: WHEN ORDERING CHANNEL BEAM UNITS, ALL BOTTOM LEVEL BEAMS AND ALL FRONT-TO-BACK BEAMS ARE STANDARD ABS ANGLE BEAMS.

