C110C & C110S WELDING HALF HANGERS

TECHNICAL DATA SHEET

DESCRIPTION

The Dayton Superior C-110C (Concrete Beam) and C-1105 (Steel Beam) Half Hangers are for use in situations where field conditions prevent the use of standard full hangers. The C style hangers are designed to be welded to the rebar stirrups on precast/prestressed concrete beams or girders and the S style hangers are designed to be welded directly to the top flange of a steel beam or plate girder. Hangers are available with standard 45°, 90° and 15° tube sections that are welded to a 3/8" thick steel plate.

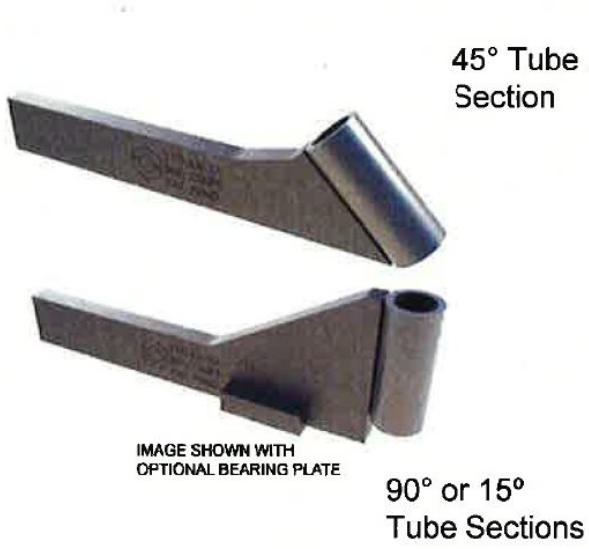
APPLICATION

C110 Half Hanger made for use with 1/2" diameter coil rod should be used with Dayton Superior C49 Series Overhang Brackets.

C110 Half Hangers made for use with 3/4" coil rod should be used with Dayton Superior C89 and C89L Heavy Duty Bridge Overhang brackets.

PRODUCT SPECIFICATION

- The C-110C and C-1105 45° Hangers in 1/2" diameter are for use with the C-49 Series and new C-49-C Series Overhang Brackets. The standard safe working loads for these hangers are 3,000 lb. and 6,000 lb. with a 9,000 lb. capacity available on special order. The 90° and 15° hangers for interior bay forming are also available in same load capacities with the 90° tube sections available for different haunch heights.
- The C-110C and C-1105 45° Hangers in 3/4" diameter are for use with the C-89 and C-89-L Heavy Duty Bridge Overhang Brackets. The standard safe working load is 12,000 lb. with a 18,000 lb. capacity available on special order. The 90° and 15° hangers are also available in same load capacities.
- Extreme care must be exercised when field welding half hangers. Incorrectly made field welds may alter the strength of the strut wire and may limit the half hanger to a lower safe working load than its published maximum safe working load. Field tests should be always be conducted to verify the half hangers actual safe working load.
- WARNING: Failure to perform field tests on half hangers, after welding to beam, stud or stirrup, may result in premature and unexpected failures causing serious property damage, personnel injury and/or death.



HOW TO ORDER

- To Order:
  Specify: (1) quantity (2) type and SWL (3) name
  Example: 600 pcs. C-100S, 3K, 45 degrees Century Welding Half Hanger

MANUFACTURER

Dayton Superior Corporation
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Miamisburg, OH 45342
Customer Service: 888-977-9600
Technical Services: 877-266-7732
Website: www.daytonsuperior.com

File Date: 9/18/2023

WARRANTY (ACCESSORIES)

Limited Warranty. Dayton warrants, for a period of 60 days from the date of shipment (three years from the date of shipment in the case of formwork, excluding any consumable Products included with such formwork), that Products and any associated application drawings and engineering services provided by Dayton ("Ancillary Services") will be free from defects in material and workmanship and, in the case of custom designed formwork, that the formwork will meet the specifications set forth in the design drawings approved by Dayton and Customer. Any claim under this warranty must be made in writing within such warranty period. If any Product and/or Ancillary Service covered by a timely claim are found to be defective, Dayton will, within a reasonable time, make any necessary repairs or corrections or, at Dayton's option, replace the Product. Unless pre-authorized by Dayton in writing, Dayton will not accept any charges for correcting defects or accept the return of any Product. This warranty will not apply to any Products that have been subjected to misuse, neglect, storage damage, misapplication, accident or any other damage caused by any person other than Dayton, or that have not been maintained in accordance with Dayton's specifications. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AS TO THE PRODUCTS AND ANCILLARY SERVICES. DAYTON MAKES NO OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THE REMEDIES SET FORTH IN THIS SECTION ARE CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY.