

TECHNICAL DATA SHEET

DESCRIPTION

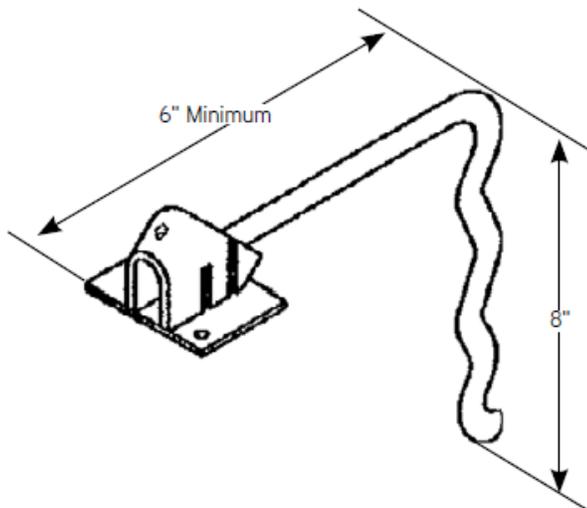
The C24 Precast Half Hangers are exterior form hangers that consist of a U shaped end clip welded to a shaped wire strut.

APPLICATION

The Dayton Superior C24 Pre-Steel Precast Half Hangers are available in three styles and capacities and are designed to be cast into the top portion of a precast / pre-stressed concrete girder. At the bridge site, these hangers are used to support the bridge overhang bracket, formwork, live load and dead load as well as the weight of the deck finishing machine.

PRODUCT SPECIFICATION

- Type 4 AP for concrete beam
- 2 to 1 safety factor
- 3,300 lb. safe work load



Type 4-AP
 (For 1/2" diameter coil bolt)

FEATURES

- Shaped strut configuration
- 45° end clip position
- Available; standard or custom lengths

HOW TO SPECIFY

Precast Half Hangers shall be specified as manufactured by Dayton Superior Corporation.

TECHNICAL DATA

In situations where a bridge contractor does not have a qualified person on staff to calculate hanger and bracket spacing, Dayton Superior's Technical Assistance personnel are trained to provide such service. Additionally, they can provide bridge deck accessory take-offs and detailed drawings to the users of Dayton Superior bridge deck products. These services are provided at a nominal charge.

For safety, bridge deck accessories must be properly used and maintained. The user is advised that incorrect utilization of bridge deck formwork accessories, insufficient bolt penetration through a coil nut, or altering a product in any way can result in premature failure and expose workers to unsafe conditions. Reusable bridge deck forming accessories such as coil bolts, coil rods, etc., are subject to wear, misuse, overloading, corrosion, deformation, alteration and other factors that may affect safe working loads.

It is the responsibility of the user to inspect reusable accessories for wear and/or misuse and to discard them if wear or misuse is detected.

Dayton Superior recommends that all users of Dayton Superior reusable bridge deck forming products establish a quality control program to monitor and inspect their bridge deck forming accessories. The frequency of inspections is best determined by the user and is dependent on the type of product use, frequency of use, duration of use and the environmental conditions during use. Do not straighten bent forming accessories – discard them. Discard any reusable forming accessory that has been subjected to 70% or more of its ultimate load. Such items may have exceeded the yield value of the material and may have become brittle and hard. Extreme care must be exercised when field welding half hangers. Incorrectly made field welds may alter the strength and may limit the half hanger to a lower safe working load than its published maximum safe working load. Field tests should be always conducted to verify hangers actual safe working load.

INSTALLATION

1. Install the C24 half hanger into the concrete maintaining the proper 1/8" setback from the edge of the girder.
2. After the strut wire has been pushed into the uncured concrete, slightly vibrate the surrounding concrete so the strut wire is completely and solidly embedded into the concrete.
3. Ensure that the legs of the end clip rest solidly on the top surface of the concrete.

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RELATED PRODUCTS

- B12 Continuous Coil Threaded Rod
- B13 Coil Nut
- C25 Pres-Steel Adjustable Half Hanger
- C60 Pres-Steel Hanger
- C63 Pres-Steel Hook Half Hanger
- C65 Adjustable Joist Hanger
- C68 Ty-Down Half Hanger

HOW TO ORDER

- Specify:
 1. Quantity
 2. Name
 3. Strut Length

ORDERING INFORMATION

TYPE P PRECAST HALF HANGER EMBEDS

Product Code	Description	Weight
43213	4-AP 6" X 8" X 45 DEG	0.84 LB

MANUFACTURER

Dayton Superior Corporation
 1125 Byers Road
 Miamisburg, OH 45342
 Customer Service: 888-977-9600
 Technical Services: 877-266-7732
 Website: www.daytonsuperior.com

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.