

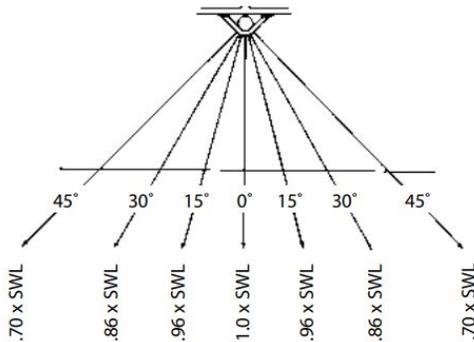
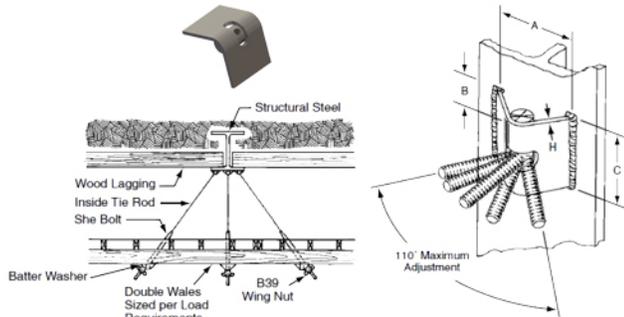
TECHNICAL DATA SHEET

DESCRIPTION

D24 Weld Angle Bracket consists of bent plate, pivot pin and clip.

APPLICATION

D24 Weld Angle Bracket is designed to tie one sided forming to steel piles, metal beams and weld plates.



FEATURES

- The pivot pin is furnished with coil or D/R thread; NC threads are available on special order
- The D24 allows the form tie a pivot range of 110 degree (55 in each direction) and will exceed the tensile capacity of the form tie when properly installed by a certified welder
- To insure proper thread engagement the form tie must penetrate beyond the pivot bar a minimum of one diameter of the tie. An easy way to accomplish this is to position the form tie perpendicular to the piling and thread it through the pivot bar until it contacts the piling.
- Actual SWL depends on the strength of the field weld, coil rod used and angle between the coil rod and the welded plate
- Made from ASTM A1011 SS Grade 50

TECHNICAL DATA

D24 Weld Angle Bracket Selection Chart

Coil Thread Diameter	Max. SWL Tension (lbs.)	A	B	C	H
1/2"	9,000	6"	2-1/4"	3-1/4"	0.250"
5/8"	10,500	6"	2-1/4"	3-1/4"	0.250"
3/4"	18,000	6"	2-1/4"	3-1/4"	0.250"
7/8"	25,000	6"	2-1/4"	3-1/4"	0.250"
1"	31,500	6"	3-1/16"	5"	0.375"
1-1/8"	42,500	6"	3-1/16"	5"	0.375"
15mm D/R	22,400	6"	2-1/4"	3-1/4"	0.250"
20mm D/R	39,200	6"	3-1/16"	5"	0.250"

RELATED PRODUCTS

- B12 Coil Rod
- D18 Inside Tie Rod
- D30 She-Bolt - Coil Thread
- D30A She-Bolt - D/R Thread
- B42 Batter Washer
- D22 Batter Washer

ORDERING INFORMATION

ADJUSTABLE WELD ANGLE BRACKET - ASSEMBLY

(PLATE, PIN, CLIP)

Product Code	Description	Weight
145668	3/4" WELD ANGLE BRACKET COIL	3.19 LB
145670	1" WELD ANGLE BRACKET COIL	7.21 LB
100225	15MM WELD ANGLE BRACKET D/R	2.66 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

TECHNICAL DATA SHEET

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.