D158 Forged End Anchor 5x

Rebar Splicing

TECHNICAL DATA SHEET

DESCRIPTION

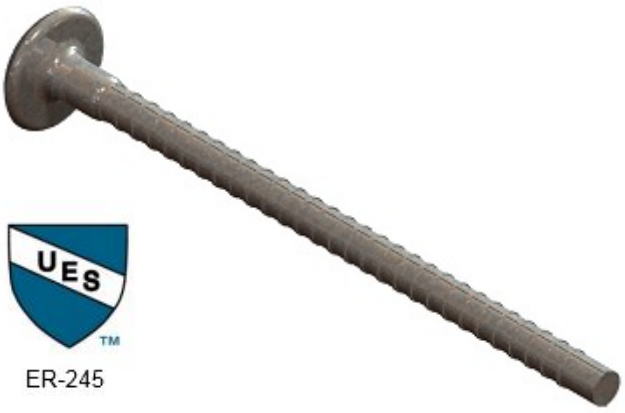
The D158-Series Forged End Anchor is a Class HA (ASTM A970) rebar end anchor with one forged end anchor and one plain end. The D158-Series is made from USA melted and rolled steel.

APPLICATION

The D158-Series Forged Plain End Anchor is used to provide embedment anchorage.

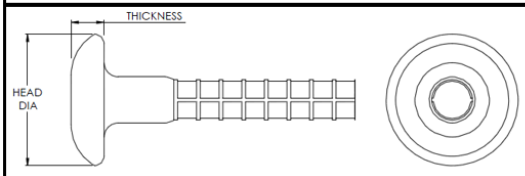
PRODUCT SPECIFICATION

- Rebar sizes #4 (13mm) through #11 (36mm)
- Available in plain, epoxy coated, or galvanized finish
- Available in carbon, weldable, chromium, or stainless steel

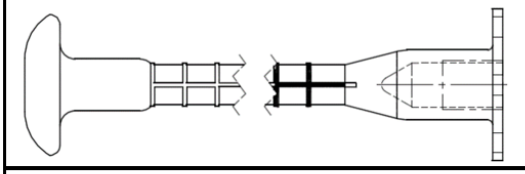


ER-245

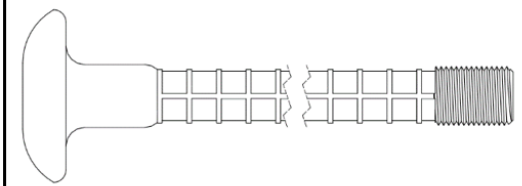
D158F Plain End Anchor



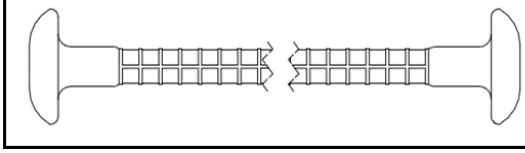
D158G Female End Anchor



D158H Male End Anchor



D158J Double End Anchor



FEATURES

- Available in standard and customized lengths
- Gross bearing area of 5Ab

BENEFITS

- Minimizes rebar congestions
- Eliminates the need for hooked rebar ends
- Compliance to all building specifications

HOW TO SPECIFY

Specific:
Mechanical connections shall be DBDI® Rebar Splices as manufactured by Dayton Superior Corp.

Generic:
The mechanical connection shall meet building code requirements of developing in tension and compression as required by_____ (insert name here). The mechanical connection shall be the forged and parallel threaded type coupler manufactured from high quality steel. All couplers shall be installed per the manufacturer's approved procedures.

TECHNICAL DATA

D158 Forged End Anchor 5x					
Bar Size		Cross-Sectional Area Ab (in2)	Head Thickness (in)	Minimum Head Diameter (in)	Net Bearing Area (in2)
#4	[13M]	0.196	0.44	1.12	0.79
#5	[16M]	0.307	0.50	1.49	1.23
#6	[19M]	0.442	0.58	1.77	1.77
#7	[22M]	0.601	0.50	2.05	2.41
#8	[25M]	0.785	0.58	2.33	3.14
#9	[29M]	0.999	0.59	2.75	4.59
#10	[32M]	1.267	0.63	3.25	6.67
#11	[36M]	1.561	0.67	3.63	8.40

APPROVALS / COMPLIANCE

- ACI 318-25
- ASTM A970 Class HA
- IAPMO UES Listed (ER-245)
- Ministries of Transportation, Canada
- State Departments of Transportation
- AASHTO
- International Building Code (IBC)
- City of Los Angeles Department of Building and Safety

File Date: 2/19/2026

TECHNICAL DATA SHEET

INSTALLATION

1. Using tie wire, fix the unit in place to adjacent rebar.

RELATED PRODUCTS

- D101 DBDI® Dowel-In (D-I)
- D101A DBDI® Dowel-Bar (D-B)

HOW TO ORDER

Specify: (1) quantity, (2) name, (3) bar size, (4) overall length, (5) bearing area, (6) rebar.

Example: 500, D158F Forged Plain End Anchor, #5 x 30" long, 5Ab, Epoxy Coated ASTM A615/A706 Grade 60

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.