

## TECHNICAL DATA SHEET

### DESCRIPTION

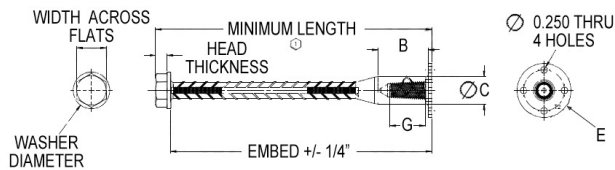
The D358 Taper-Lock Female Bolt Head is a Type 2 rebar coupler used to connect rebar and provide anchorage. It consists of an integral nailing flange, a coupler forged from the end of the rebar, tapered female threads, and a forged hex bolt end anchor. The D358 is made from USA melted and rolled steel.

### APPLICATION

The D358 Taper-Lock Female Bolt Head is used to connect rebar between segmental concrete pouring and provide embedment anchorage. It may be attached to formwork through the integral nailing flange.

### PRODUCT SPECIFICATION

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



### FEATURES

- Ability to use the flange and nails to attach the system to formwork
- Available in standard and customized lengths
- Taper-Lock Type 2 threads
- Gross bearing area of 5Ab

### BENEFITS

- Easier to use and up to 25% faster installation
- Saves \$100 in form repair costs by not requiring a rebar through-hole
- Versatility to meet project needs

### HOW TO SPECIFY

Specific:

Mechanical connections shall be Taper-Lock® 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 taper threaded type coupler manufactured from high quality steel. All couplers shall be installed per the manufacturer's approved procedures.

### TECHNICAL DATA

| Rebar Size | Min. Length | B      | C Dia. | E Dia. | G      | Width Across Flats | Washer Dia. | Head Thickness | Ultimate Strength (lbs) |
|------------|-------------|--------|--------|--------|--------|--------------------|-------------|----------------|-------------------------|
| #4         | 6.0"        | 1.250" | 0.855" | 1.875" | 1.024" | 1.13"              | 1.13"       | 0.44"          | 18,000                  |
| #5         | 7.5"        | 1.563" | 1.042" | 2.063" | 1.221" | 1.13"              | 1.40"       | 0.44"          | 27,900                  |
| #6         | 9.0"        | 1.625" | 1.230" | 2.250" | 1.281" | 1.13"              | 1.67"       | 0.44"          | 39,600                  |
| #7         | 10.5"       | 1.813" | 1.417" | 2.438" | 1.399" | 1.31"              | 1.95"       | 0.56"          | 54,000                  |
| #8         | 12.0"       | 2.063" | 1.603" | 2.625" | 1.615" | 1.31"              | 2.24"       | 0.56"          | 71,100                  |
| #9         | 13.6"       | 2.188" | 1.786" | 2.813" | 1.812" | 1.75"              | 2.52"       | 0.75"          | 90,000                  |
| #10        | 15.3"       | 2.438" | 1.982" | 3.000" | 2.049" | 1.75"              | 2.84"       | 0.75"          | 114,300                 |
| #11        | 17.0"       | 2.563" | 2.219" | 3.250" | 2.246" | 2.06"              | 3.15"       | 0.88"          | 140,400                 |

### APPROVALS / COMPLIANCE

- ACI 318 Type 2
- Army Corps of Engineers CW 03210
- State Departments of Transportation
- AASHTO
- International Building Code (IBC)

### INSTALLATION

1. Insert male Taper-Lock threads into a female Taper-Lock threaded coupler.
2. Rotate the male threaded rebar clockwise until the threads of the male bar interlock with the threads of the female coupler, making sure the connection is hand-tight (5 ft-lbs).

### RELATED PRODUCTS

- D368 Taper-Lock® Form Saver
- D370 Taper-Lock® Threaded Bar

### HOW TO ORDER

- Specify: (1) quantity, (2) name, (3) bar size, (4) length, (5) rebar. Example: 500, D358 Taper-Lock Female Bolt Head, #5 x 30" long, Epoxy Coated ASTM A615 Grade 60

The D358 Taper-Lock Female Bolt Head is a Made to Order Product.

**TECHNICAL DATA SHEET****MANUFACTURER**

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