

TECHNICAL DATA SHEET

DESCRIPTION

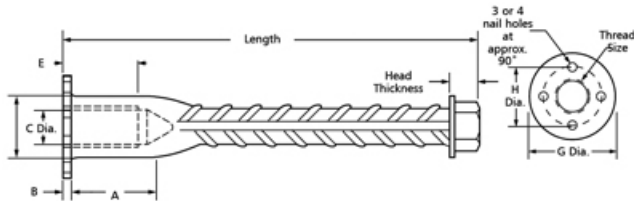
The D108A DBDI Dowel-Bar (D-B), Bolt Head is a Type 2 rebar coupler used to connect rebar and provide anchorage. It consists of an integral, nailing flange, a coupler forged from the end of the rebar, parallel, female threads, and a forged, hex bolt, end anchor. The D108A is made from USA melted and rolled steel.

APPLICATION

The D108A Dowel-Bar (D-B), 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
- DBDI, parallel threads

BENEFITS

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

Bar Size			Thread Size	A	B	C	D	E	Width Across Flats
US	Metric (mm)	CN (M)							
#4	[13]	[10]	5/8" - 11 UNC	1-1/4"	1/8"	11/16"	55/64"	1"	1-1/8"
#5	[16]	[15]	3/4" - 10 UNC	1-9/16"	1/8"	13/16"	1-3/64"	1-1/8"	1-1/8"
#6	[19]	[20]	7/8" - 9 UNC	1-5/8"	1/8"	15/16"	1-15/64"	1-1/4"	1-1/8"
#7	[22]	--	1" - 8 UNC	1-13/16"	1/8"	1-1/16"	1-27/64"	1-3/8"	1-5/16"
#8	[25]	[25]	1-1/8" - 8 UN	2-1/16"	1/8"	1-3/16"	1-19/32"	1-1/2"	1-5/16"
#9	[29]	[30]	1-1/4" - 8 UN	2-3/16"	1/8"	1-5/16"	1-25/32"	1-5/8"	1-3/4"
#10	[32]	--	1-7/16" - 8 UN	2-7/16"	1/8"	1-1/2"	2"	1-13/16"	1-3/4"
#11	[36]	[35]	1-9/16" - 8 UN	2-9/16"	1/8"	1-5/8"	2-7/32"	1-15/16"	2-1/16"

APPROVALS / COMPLIANCE

- ACI 318 Type 2
- Caltrans Ultimate Splice
- Ministries of Transportation, Canada
- State Departments of Transportation
- AASHTO
- International Building Code (IBC)
- City of Los Angeles Department of Building and Safety
- US Pat. 4,619,096
- IAPMO UES Listed (ER-319)



TECHNICAL DATA SHEET

INSTALLATION

1. Insert male, DBDI threads into a female, DBDI 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.
3. If required, the system can be unthreaded up to one full rotation, but at no time should a wrench be used to torque the connection.

RELATED PRODUCTS

- D101 DBDI® Dowel-In (D-I)
- D081 DBDI® Male Thread Protector

HOW TO ORDER

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

Example: 500, D108A DBDI Dowel-Bar, Bolt Head, #5 x 30" long, Epoxy Coated ASTM A615/A706 Grade 60

ORDERING INFORMATION

DOWEL-BAR (D-B), BOLT HEAD - PLAIN

Product Code	Description	Weight
115070	#4 BOLT HEAD X 6" DBDI	0.59 LB
103180	#5 BOLT HEAD X 6" DBDI	0.88 LB
109450	#5 BOLT HEAD X 7.56" DBDI	1.01 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.