

## TECHNICAL DATA SHEET

### DESCRIPTION

The D50 DBR® Coupler is used to join any bar-to-bar connection of the same size, where one bar can be rotated.

### APPLICATION

Used in areas where rebar congestion prevent the use of long lap splices.



### FEATURES

- Available in #4 [13mm] - #11 [36mm]
- Available in plain, epoxy coated or galvanized finish
- Available in carbon or stainless steel.
- Available with and without nailing flange

### BENEFITS

- Reduces engineering design time
- Eliminates rebar congestion
- Provides Type 1 splicing capacities (125% Fy)

### TECHNICAL DATA

Rebar Size	Thread Data	O.D. x Length
#4	1/2" - 13 UNC	7/8" x 1-7/8"
#5	5/8" - 11 UNC	1" x 2"
#6	3/4" - 10 UNC	1-1/8" x 2-3/8"
#7	7/8" - 9 UNC	1-3/8" x 2-3/4"
#8	1" - 8 UNC	1-1/2" x 3-1/8"
#9	1-1/8" - 8 UN	1-3/4" x 3-5/8"
#10	1-1/4" - 8 UN	1-7/8" x 4-1/8"
#11	1-3/8" - 8 UN	2-1/8" x 4-3/8"

### APPROVALS / COMPLIANCE

- ACI 318 Type 1
- ICC AC 133 Type 1
- Caltrans Service Splice
- Ministries of Transportation, Canada
- Army Corp of Engineers CW 03210
- State Departments of Transportation
- AASHTO
- International Building Code (IBC)
- City of Los Angeles Department of Building and Safety

### ORDERING INFORMATION

#### DBR FLANGE COUPLER - BLACK

Product Code	Description	Weight
77098	#4 [13MM]	0.21 LB
77100	#5 [16MM]	0.30 LB
77110	#6 [19MM]	0.39 LB
77130	#8 [25MM]	0.73 LB

#### DBR FLANGE COUPLER - EPOXY

Product Code	Description	Weight
78100	#5 [16MM]	0.35 LB
78144	#11 [36MM]	2.31 LB

#### DBR STANDARD COUPLER - BLACK

Product Code	Description	Weight
85409	#4 [13MM]	0.21 LB
85410	#5 [16MM]	0.28 LB
85411	#6 [19MM]	0.35 LB
85412	#7 [22MM]	0.55 LB
85413	#8 [25MM]	0.67 LB
85414	#9 [29MM]	1.48 LB
85416	#11 [36MM]	2.10 LB

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

Dayton Superior Corporation  
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**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.