

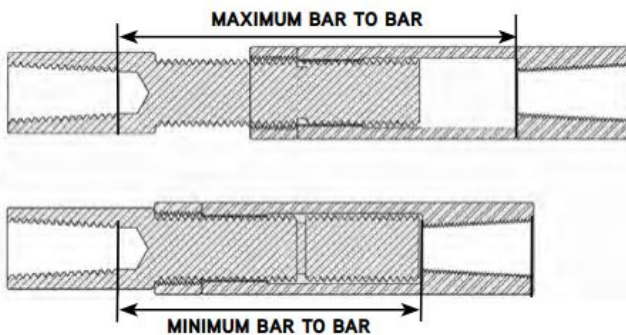
TECHNICAL DATA SHEET

DESCRIPTION

The D330 Taper-Lock is an extension of the Taper-Lock product line and is used to join two bars of the same size where neither bar can be rotated. Typically used applications consist of hook bar connections and column to slab connections.

PRODUCT SPECIFICATION

- Extension of Taper-Lock product line
- Accommodates rebar sizes #4 through #18
- Available in Black
- Type 2 Splice
- For use with Grade 60, 75 and 80 rebar



FEATURES

- Complies with ACI, Caltrans, IBC, and Ministries of Transportation for Ontario and Quebec, Canada
- Approved for use in fatigue applications.
- IAPMO UES Listed - ER-319

BENEFITS

- Reduces engineering design time
- Eliminates rebar congestion
- Provides Type 2 splicing capacities and simplifies load paths
- Rebar never has to be rotated.
- Approved for use in fatigue applications.
- Adjustability of coupler allows it to be closer between two fixed bars.

TECHNICAL DATA

Nominal Engagement

Bar Size			Maximum Bar to Bar Distance		Minimum Bar to Bar Distance		Sleeve OD	Stud OD
US	Metric (MM)	CN (M)	US	[mm]	US	[mm]	US	US
#4	[13]	[10]	4.3"	[109.2]	3.3"	[83.8]	0.98"	0.87"
#5	[16]	[15]	4.8"	[121.0]	3.6"	[91.4]	1.18"	0.98"
#6	[19]	[20]	4.7"	[119.4]	3.6"	[91.4]	1.38"	1.10"
#7	[22]	--	5.8"	[147.3]	4.3"	[109.2]	1.50"	1.26"
#8	[25]	[25]	6.7"	[170.2]	4.8"	[121.0]	1.89"	1.50"
#9	[29]	[30]	6.8"	[172.7]	4.9"	[124.5]	1.89"	1.65"
#10	[32]	--	7.2"	[182.9]	5.4"	[137.2]	2.17"	1.89"
#11	[36]	[35]	8.0"	[203.2]	5.9"	[149.9]	2.36"	2.17"
#12	[40]	--	8.5"	[215.0]	6.2"	[157.5]	2.50"	2.25"
#14	[43]	[45]	9.4"	[238.8]	6.8"	[172.7]	2.76"	2.36"
#14B	[43]	[45]	9.4"	[238.8]	6.8"	[172.7]	2.76"	2.36"
#18	[57]	[55]	12.0"	[304.8]	8.6"	[218.4]	3.54"	3.15"
#18B	[57]	[55]	12.0"	[304.8]	8.6"	[218.4]	3.54"	3.15"

APPROVALS / COMPLIANCE

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

TECHNICAL DATA SHEET

INSTALLATION

1. The female section of the positional coupler is normally cast flush in concrete. The installer must take care to protect the internal threads and prevent the ingress of concrete. Once cast and ready to extend, the male end complete with locknut can be screwed into place.
2. Position the continuation bar as near as possible to the coupler fitted to the cast-in-bar.
3. Run the male component onto the continuation bar until fully engaged and hand tight.
4. Inspect the connection to verify connection is hand tight. (Dayton Superior defines hand tight as equivalent to 5 ft-lbs of torque).
5. Run locking ring up against female component until hand right. (Dayton Superior defines hand tight as equivalent to 5 ft-lbs of torque).
6. Installation Inspection - No threading beyond the Inspection Groove should be visible on the male component extending from the female component.

INSTALLATION



HOW TO ORDER

- Specify: (1) quantity, (2) name, (3) rebar size, (4) finish, (5) Made in USA requirement.

Example:

500 pcs., D330 Taper-Lock® Positional Coupler, #6, Black, Made in USA not required.

ORDERING INFORMATION

TAPER-LOCK® POSITIONAL COUPLER -

BLACK (MADE IN USA)

Product Code	Description	Weight
127070	#9 [29MM]	7.44 LB
127071	#10 [32MM]	7.83 LB
127072	#11 [36MM]	9.97 LB
145107	#12 [40MM]	9.50 LB
100475	#14B [43MM]	17.80 LB
100476	#18B [57MM]	34.26 LB

TAPER-LOCK® POSITIONAL COUPLER -

BLACK-IMPORT

Product Code	Description	Weight
100477	#14B [43MM]	17.80 LB
100478	#18B [57MM]	34.26 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.