

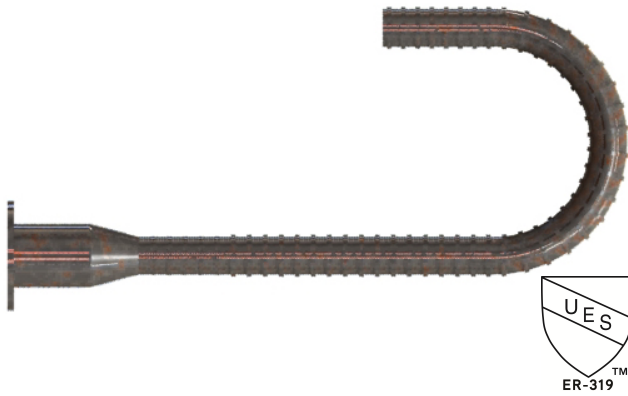
TECHNICAL DATA SHEET

DESCRIPTION

The Dayton Superior Dowel Bar Splicer is a one-piece unit, integrally forged from ASTM A615 grade 60 or A706 grade 60 deformed rebar material.

APPLICATION

Used to provide anchorage and provide means of splicing columns and walls to slabs / floors and support segmental pours.



TECHNICAL DATA

Specified or Required Dowel Bar					Recommended Dowel Bar Splicer and Dowel-In					
Bar Size			Grade 60 Rebar Loads (lbs.)		System Thread Size*	DB-SAE & Dowel-In Bar Size	System Stress Area (min)	Completed Splice (lbs)		
US	Metric (mm)	CN (M)	P	1.25 P				P	1.25 P	100% P
#4	[13]	[10]	12,000	15,000	5/8" - 11	#4	0.20	12,000	15,000	18,000
#5	[16]	[15]	18,600	23,250	3/4" - 10	#5	0.31	18,600	23,250	27,900
#6	[19]	[20]	26,400	33,000	7/8" - 9	#6	0.44	26,400	33,000	39,600
#7	[22]	--	36,000	45,000	1" - 8	#7	0.60	36,000	45,000	54,000
#8	[25]	[25]	47,400	59,250	1-1/8" - 8	#8	0.79	47,400	59,250	71,100
#9	[29]	[30]	60,000	75,000	1-1/4" - 8	#9	1.00	60,000	75,000	90,000
#10	[32]	--	76,200	95,250	1-7/16" - 8	#10	1.27	76,200	95,250	114,000
#11	[36]	[35]	93,600	117,000	1-9/16" - 8	#11	1.56	93,600	117,000	140,400

P = Minimum Yield Strength of Bar

P = Minimum Tensile Strength of Bar

5/8", 3/4", 7/8" and 1" sizes have UNC Threads. 1-1/8" and larger sizes are equipped w/ UN Threads

Bar Size Designation			Bending DB or DI 90° only Min. "A" Dimension
US	Metric (mm)	CN (M)	
#4	[13]	[10]	4"
#5	[16]	[15]	5"
#6	[19]	[20]	6"
#7	[22]	--	7"
#8	[25]	[25]	8"
#9	[29]	[30]	9"
#10	[32]	--	10"
#11	[36]	[35]	11"

* Tolerance on Bending

Plus 0 / Minus 1" on "A" Dimension

FEATURES

- Splice develops specified ultimate strength of rebar
- Available in #4 - #11 rebar sizes to be used with the corresponding size dowel-in for Type 2 connection
- Splicer can be furnished straight (D101A) cut to length, 90° and 180° hooked (D102A and D103A) and double-ended (D104A) in plain or epoxy coated finish
- Special -ordered with a reduced diameter washer flange or with a washer flange clipped

BENEFITS

- Easy to use, no special tools required
- Eliminates protruding dowels/ rebar
- Saves forms by eliminating need to drill holes
- Improves forming costs

APPROVALS / COMPLIANCE

- IAPMO UES Listed (ER-319)

RELATED PRODUCTS

- D101A Dowel bar
- D101 Dowel-In
- D102 90 degree Hooked Dowel-In
- D102A 90 degree Hooked Dowel Bar
- D103 180 degree Hooked Dowel-In
- D104 Double-Ended Dowel-In
- D104A Double-Ended Dowel Bar

HOW TO ORDER

- The D103A Dowel-Bar (D-B) is a Made to Order Product.
- Specify: (1) quantity, (2) name, (3) bar size (should be equivalent to the rebar being substituted for on the structural drawings), (4) dimensions required.
- Example: 600, D103A Dowel Bars, #5 rebar, 36" long.

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

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.