

TECHNICAL DATA SHEET

DESCRIPTION

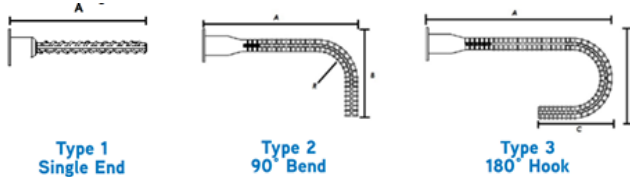
The D368 Taper-Lock Form Saver is a Type 2, rebar coupler used to connect rebar. It consists of an integral, nailing flange, a coupler forged from the end of the rebar, and tapered, female threads. The D368 Taper-Lock Form Saver is made from USA melted and rolled steel.

APPLICATION

The D368 Taper-Lock Form Saver is used to connect rebar between segmental, concrete pours. 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 bent, hooked, double ended, or headed
- Available in plain, epoxy coated, or galvanized finished
- Available in carbon or weldable
- Available in standard Grade 60 & Grade 80 by special request



FEATURES

- Ability to use the flange and nails to attach the system to formwork
- Components can be fabricated to order with straight, bent, hooked, double ended, or forged headed anchor
- Taper-Lock tapered threads
- End anchor provides 9Ab net head area

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 connections shall be the positive locking, taper threaded type couplers manufactured from high quality steel. The bar ends must be taper threaded using the manufacturer's bar threading equipment to ensure proper taper and thread engagement. All couplers shall be installed per the manufacturer's approved procedures.

TECHNICAL DATA

Bar Size Designation			Type 1				Type 2				Washer Dia.
USA	Metric(mm)	CN(M)	A min	A min*	B min	R min					
#4	[13]	[10]	12"	4"	2.5"	1.25"	1.875"	1.875"	2"		
#5	[16]	[15]	14"	5"	2.5"	1.875"	2.375"	2.375"	2"		
#6	[19]	[20]	16"	6"	3"	2.25"	2.625"	2.625"	2.5"		
#7	[22]	[25]	16"	7"	3.5"	2.625"	2.625"	2.625"	2.5"		
#8	[25]	[25]	16"	8"	4"	3"	2.5"				
#9	[29]	[30]	16"	9"	4.5"	4.75"	2.75"				
#10	[32]	[35]	16"	10"	5"	5.375"	3"				
#11	[36]	[35]	16"	11"	5.5"	6"	3.125"				

Bar Size			Type 3				Type 4				Type 5				Washer Dia.
USA	Metric(mm)	CN(M)	A min*	B min	C min	A min	Tolerance	A min	Head Dia.	R min					
#4	[13]	[10]	4"	2.5"	2.5"	12"	+0.3/8"	12"	+0.3/8"	1.596	1.25"	1.875"	1.875"		
#5	[16]	[15]	5"	3.75"	2.5"	12"	+0.3/8"	12"	+0.3/8"	1.597	1.875"	2"			
#7	[22]	[25]	6"	4.5"	3"	14"	+0.1/2"	14"	+0.1/2"	2.361	2.25"	2.375"	2.375"		
#8	[25]	[25]	7"	5.25"	3.5"	16"	+0.5/8"	16"	+0.5/8"	2.764	2.625"	2.5"			
#9	[29]	[30]	8"	6"	4"	16"	+0.3/4"	16"	+0.3/4"	3.172	3"	2.5"			
#10	[32]	[35]	8"	9.5"	4.5"	16"	+0.1"	16"	+0.1"	3.589	4.75"	2.75"			
#11	[36]	[35]	10"	10.75"	5"	16"	+0.1"	16"	+0.1"	4.022	5.375"	3"			
			11"	12"	5.5"	16"	+0.1"	16"	+0.1"	4.457	6"	3.125"			

* Tolerance on bending is =0.1"

APPROVALS / COMPLIANCE

- ACI 318-II Type 2
- ICC AC-133
- Caltrans Service Splice
- Ministries of Transportation, Canada
- Army Corps of Engineers CW 03210
- State Departments of Transportation
- AASHTO
- International Building Code (IBC)
- City of Los Angeles Department of Building and Safety
- ASTM A-970

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

- D370 Threaded Bar
- D081 Taper-Lock® Male Thread Protector
- D382 Taper-Lock® Female Thread Protector
- Steel-Ply®

TECHNICAL DATA SHEET
HOW TO ORDER

- Quantity: i.e., 600 pieces
- Type: i.e., Type 1, Single Ended
- Rebar Size: i.e., #11
- Dimensions: i.e., 36" Long

ORDERING INFORMATION
TAPER-LOCK[®] FORM SAVER - #4 - ASTM A615 GR 60 - PLAIN

Product Code	Description	Weight
143877	#4 - 13MM X 18"	1.210 LB
143878	#4 - 13MM X 24"	1.560 LB
143890	#4 - 13MM X 30"	1.880 LB
143891	#4 - 13MM X 36"	2.210 LB

TAPER-LOCK[®] FORM SAVER - #5 - ASTM A615 GR 60 - PLAIN

Product Code	Description	Weight
143880	#5 - 16MM X 30"	2.850 LB
143893	#5 - 16MM X 36"	3.440 LB

TAPER-LOCK[®] FORM SAVER - #6 - ASTM A615 GR 60 - PLAIN

Product Code	Description	Weight
143895	#6 - 19MM X 24"	3.380 LB
143896	#6 - 19MM X 36"	4.880 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.