

## PREQUALIFIED LIST OF COUPLERS ON REINFORCING STEEL

Type of Splice	Splice Company	Coupler Model	Service Splice Qualification (Bar Sizes)	Ultimate Splice Qualification (Bar Sizes)
<b><i>Mechanical Couplers on ASTM A 706 Reinforcing Steel</i></b>				
Sleeve-Swaged	BarSplice	BPI-GRIP™ (BarGrip®)	#3 through #18	
	BarSplice	BPI-GRIP™ (BarGrip®) XL	#5 through #18	#5 through #18
	BarSplice	Taper Threaded Grip-Twist®	#3 through #18; #11 to #18 transition; #11 to #14 transition; and #10 to #18 transition	#3 through #18; #11 to #18 transition; #11 to #14 transition; and #10 to #18 transition
	Dextra America	Griptec®	#4 through #18	
Sleeve-Forged	Dayton/Richmond (formerly Richmond Screw Anchor Co.)	DB/DI	#4 through #11	#4 through #11
	Dayton/Richmond (formerly Richmond Screw Anchor Co.)	US/MC	#4 through #18	#4 through #18
	Dextra	Bartec	#4 through #18	#4 through #18
Sleeve-Lock Shear Bolts	Dayton Superior (formerly Bar-Lock)	Bar-Lock L Series	#3 through #14; and green epoxy-coated	
	Dayton Superior (formerly Bar-Lock)	Bar-Lock S/CA Series (formerly S-series)	#4 through #18	
	Dayton Superior (formerly Bar-Lock)	Bar-Lock S/CA Series (formerly S-series)	#5 to #6 transition	
	BarSplice	ZAP Screwlok® Type 2 Series (Standard)	#4 through #11	
Sleeve-Threaded Bar	Dayton Superior (formerly Bar-Lock)	Bar-Lock XL	#4 through #18	#4 through #18
	Dayton Superior (formerly Bar-Lock)	Bar-Lock RXL	#6 through #18	#6 through #11, and #18
Sleeve-Tapered Thread	Erico	Lenton® Standard (A2)	#3 through #18	
	Erico	Lenton® Transition (A2)	#5/#4 through #18/#14	
	Erico	Lenton® Position (P8)	#6 through #18	
	Erico	Lenton® Position (P9)	#6 through #18	
	Erico	Lenton® Formsaver	#3 through #11	

Notes:

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5. Service and ultimate splices are defined in section 52 of the Standard Specifications.
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7. If you have any questions about this list, please contact the appropriate Structural Materials Representative at <http://www.dot.ca.gov/hq/esc/Translab/smforms/StructuralMaterialsRepresentatives.pdf>.

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Sleeve-Tapered Thread (continued)	Erico	Lenton® Interlock™ Rebar Splice System	#8	#8
	Erico	Lenton® Plus Position Coupler (P14L)	#8 through #14	#8 through #14
	Erico	Lenton® Plus Standard Coupler (A12)	#5 through #14	#5 through #14
	Fox-Howlett	Standard No-Slip Couplers	#6 through #18	
	Fox-Howlett	Position No-Slip Couplers	#6 through #18	
	Headed Reinforcement Corp.	HRC 410/420 Standard Coupler	#8 through #18	#8 through #18
	Headed Reinforcement Corp.	HRC 410/490 Position Coupler	#8 through #18	#8 through #18
Sleeve-Filler Metal	Erico	Cadweld	#18	
Sleeve-Filler Grout Coupler	Splice Sleeve North America	NMB	#4 through #18	
Upset Bar Ends – Dowel Bars Included	Dayton/Richmond	US/MC Inertial Welded	#8 through #18	#8
	Dayton/Richmond	US/MC Forged	#6 through #11	#7 through #11
Two Piece, Weld-On Coupler	Headed Reinforcement Corp.	Xtender™ XT 553 Anchor Coupler	#7 and #8	#7 and #8
Two Piece Epoxy Splice	Headed Reinforcement Corp.	HRC 620 Series E-Splice Form Protector (includes HRC 620 and HRC 620F—formerly called HRC 621)	#5, #6, and #9	

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<b><i>Mechanical Couplers on ASTM A 706 Reinforcing Steel</i></b>				
Two Piece Sleeve/Forged Ends	Headed Reinforcement Corp.	Xtender™ 507/571 Coupler	#7	#7
	Headed Reinforcement Corp.	Xtender™ 509/571 Position Coupler	#11	#11
	Headed Reinforcement Corp.	Xtender™ 510 Standard Coupler	#4 through #14	#4 through #14
	Headed Reinforcement Corp.	Xtender™ 511/512 Transition Coupler	#5 through #11	#5 through #11
	Headed Reinforcement Corp.	Xtender™ 520 Form Protector	#4 through #14	#4 through #14
Wedge-Thru Sleeve (Mechanical Lap Splice)	OCM, Inc. (formerly Splice Sleeve North America)	O-S Splice Clip (one clip per splice)	#4 through #6	
	Erico	Quick-wedge Mechanical Lap Coupling Device (two clips per splice)	#4 through #6	
Side-by-Side (Mechanical Lap Splice)	BarSplice	ZAP Screwlok® Double Barrel Transition Coupler	#4/#3 through #6/#5	
	BarSplice	ZAP Screwlok® Double Barrel Standard Coupler	#4 through #6	
<b><i>Mechanical Couplers on ASTM A 615, Grade 75 Reinforcing Steel</i></b>				
Sleeve-Threaded Bar	Dywidag Systems International	A 615, grade 75 reinforcement bar splice	#11 and #20	
	Williams Form Engineering	A615, grade 75 reinforcement bar splice	#14 and #18	
<b><i>Mechanical Couplers on ASTM A 722, Grade 150 Bars</i></b>				
Sleeve-Threaded Bar	Williams Form Engineering	A 722 Splice	2.5-inch	

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<b><i>Mechanical Couplers on ASTM A 706 Reinforcing Steel Hoops</i></b>				
Sleeve-Swaged	BarSplice	BPI-GRIP™ (BarGrip®)	#5 through #8, and #14	
Two Piece Sleeve/ Forged Ends	Headed Reinforcement Corp.	Xtender™ 510	#5 through #11	#9 and #11
	Headed Reinforcement Corp.	Xtender™ 515 adjustable tension hoop coupler	#8	
	Headed Reinforcement Corp.	HRC 571 adjustable tension hoop coupler	#8	
	Headed Reinforcement Corp.	HRC 572 adjustable tension hoop coupler	#8	

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