

AUTHORIZED LIST OF COUPLERS FOR REINFORCING STEEL

Type of Splice	Splice Company	Coupler Model	Service Splice Qualification (Bar Sizes)	Ultimate Splice Qualification (Bar Sizes)
Mechanical Couplers on ASTM A 706 Reinforcing Steel				
Sleeve-Swaged (Deformation Dependent)	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
	BarSplice	Grip Twist Position System	#5 through #18	
	Dextra America, Inc.	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 America, Inc.	Bartec, Position Splices Type A, B, and C.	#4 through #18	#4 through #18
Sleeve-Lock Shear Bolts	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	
	BarSplice	Double Row ZAP Screwlok® Type 2 Series (Standard)	#14	
	BarSplice	ZAP Screwlok® Transition Coupler	#7/#5	
	Dayton Superior (formerly Bar-Lock)	Bar-Lock L Series	#3 through #14; and green epoxy-coated	

Notes:

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Mechanical Couplers on ASTM A 706 Reinforcing Steel				
Sleeve-Lock Shear Bolts	ERICO International Corporation	LENTON [®] LOCK (B1 Series) Foreign Made	#4 through #11	#4 through #11
	ERICO International Corporation	LENTON [®] LOCK (S1 Series) Foreign Made	#4 through #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 [®] FORM SAVER	#3 through #11	
	ERICO	LENTON [®] INTERLOK Rebar Splice System	#8	#8
	ERICO	LENTON [®] PLUS Position Coupler (P14L) with cold worked taper threaded rebar	#8 through #14	#8 through #14
	ERICO	LENTON [®] PLUS Standard Coupler (A12) with cold worked taper threaded rebar	#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
	Dayton Superior	Taper Lock D-310 Standard Coupler	#6 through #14	

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<i>Mechanical Couplers on ASTM A 706 Reinforcing Steel</i>				
Sleeve –Tapered Thread	Dayton Superior	Taper Lock D-330 Positional Coupler	#6 through #14	
	Dayton Superior	Taper Lock D-340 Flange Coupler	#6 through #14	
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 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 Sleeve/Forged Ends	Headed Reinforcement Corp.	Xtender® 507/571 Coupler	#7	#7
	Headed Reinforcement Corp.	Xtender® 507/571 Position Coupler	#11	#11
	Headed Reinforcement Corp.	Xtender® 500/510 Standard Coupler	#4 through #14	#4 through #14
	Headed Reinforcement Corp.	Xtender® 500/510 Transition Coupler	#4 through #14	#4 through #14
	Headed Reinforcement Corp.	Xtender® 500/510 Transition Nut Coupler	#5 through #11	#5 through #11

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<i>Mechanical Couplers on ASTM A 706 Reinforcing Steel</i>				
Two Piece Sleeve/Forged Ends	Headed Reinforcement Corp.	Xtender® 500/510 Transition Nut Coupler	#11 to #14	#11 to #14
	Headed Reinforcement Corp.	Xtender® 500/520 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	LENTON® QUICK WEDGE Mechanical Lap Coupling Device (Two Clips per splice)	#4 through #6	

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Mechanical Couplers on ASTM A 706 Reinforcing Steel Hoops				
Side-by-Side (Mechanical Lap Splice)	BarSplice	Double Barrel ZAP Screwlok [®] Transition Coupler	#4/#3 through #6/#5, #6/#7 and #7/#8	
	BarSplice	Double Barrel ZAP Screwlok [®] Standard Coupler	#4 through #8	
Sleeve-Swaged	BarSplice	BPI-GRIP [™] (BarGrip [®])	#5 through #8, and #14	
Two Piece Sleeve/ Forged Ends	Headed Reinforcement Corp.	Xtender [®] 500/510	#5 through #11	#8, #9 and #11
	Headed Reinforcement Corp.	Xtender [®] 500/515 adjustable tension hoop coupler	#8	
	Headed Reinforcement Corp.	HRC 500/571 adjustable tension hoop coupler	#8	

Type of Splice	Splice Company	Coupler Model	Service Splice Qualification (Bar Sizes)	Ultimate Splice Qualification (Bar Sizes)
Mechanical Couplers on ASTM A 615, Grade 75 Threaded Bar				
Sleeve-Threaded Bar	Dywidag Systems International	A 615, grade 75 reinforcement bar splice	#11, #18 and #20	
	Williams Form Engineering	A615, grade 75 reinforcement bar splice	#14 and #18	
Threaded Bar	Skyline Steel	A615, grade 75 reinforcement bar splice	#8 through #14	

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