



# Mechanical Couplers

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## Material Producer List

Materials and Tests Division

## Mechanical Couplers

The following mechanical coupler systems have been pre-qualified in accordance with [DMS-4510](#), “Mechanical Couplers for Reinforcing Steel.” These manufacturers have been pre-qualified to furnish these brand names and respective bar sizes for use on TxDOT projects. See TxDOT test method TEX-743-I for project sampling procedures.

“X” in the tables below indicate prequalification for a single bar size coupler as listed. “T#\_” in the tables below indicate prequalification for a transition coupler from the size in the heading to the size listed after the “T”.

For more information, contact MTD’s Rigid Pavements and Concrete Materials Section at (512) 506-5858.

**Table 1: Mechanical Coupler Producers  
(Grade 60 Reinforcement)**

Producer	Producer Code	Brand Name	Coupler Type	Bar Size												
				#3	#4	#5	#6	#7	#8	#9	#10	#11	#14	#18	#20	
Bar Splice Products	99674	Bar Grip system	Sleeve-swaged		X	X	X	X	X	X	X	X	X	X	X	
		BPI BarSplicer XP	Sleeve-threaded		X	X	X	X	X	X	X	X				
		Taper Threaded Grip-twist	Two-piece coupler tapered threads cold swaged to rebar		X	X	X	X	X	X	X	X	X	X	X	
		Zap Screwlok	Wedge shaped coupler body w/lockshear bolts		X	X	X	X	X	X	X	X	X	X	X	
Dayton Superior	99540	Bar-Lock S-Series	Internal serrated grip w/lockshear bolts		X	X	X	X	X	X	X	X	X			
		Bar-Lock L Series	Internal serrated grip w/lockshear bolts		X	X	X	X	X	X	X	X	X	X		
		Dowel Bar Splicer System	Two-piece sleeve-threaded with upset threading	X	X				X	X	X	X				

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nVent	99275	LENTON A2 Standard	Sleeve-threaded	X	X	X	X	X	X	X	X	X				
		LENTON A12 Standard	Sleeve-threaded										X	X	X	
		LENTON P9 Position	Position				X	X	X	X	X					
		LENTON P14L	Sleeve-threaded – Position										X	X	X	
		LENTON Form Saver	Sleeve-threaded		X	X	X									
		LENTON Cadweld	Sleeve-filler							X	X	X				
Headed Reinforcement Corp.	99241	HRC 410/420	Sleeve-threaded with friction welds									X				
		HRC 500/510 Standard Coupler	Two piece sleeve with forged upset conical heads						X	X	X	X				
Splice Sleeve North America, Inc.	98268	NMB Splice-Sleeve SNX	Sleeve-filler									X				
		NMB Splice-Sleeve U-X	Sleeve-filler			X	X	X	X	X	X	X	X			

**Table 2: Mechanical Coupler Producers  
(Grade 75 Reinforcement)**

Producer	Producer Code	Brand Name	Coupler Type	Bar Size												
				#3	#4	#5	#6	#7	#8	#9	#10	#11	#14	#18	#20	
Williams Form Engineering Corp.	99825	Stop-Type Coupling	Sleeve-threaded													X