



Corporate **Rebar Division** Products Product Data Dayton Richmond Couplers

Service Centre

Rebar Black Epoxy Coated Stainless Rebar FRP Rebar Galvanized Rebar

Mesh **Mechanical Couplers** Plain Rounds

Product Data - Couplers: Lenton Barlock Dywidag Dayton Richmond

Rebar Division

Mechanical Couplers - Dayton Richmond™ Couplers

Table 1, "Recommended Dowel Bar Splicer and Dowel-in Sizes", is a direct comparison of dowel diameters and appropriate substitution options.

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Table 1: Recommended Dowel Bar Splicer and Dowel-in Sizes

Specified or Required Dowel Bar Size	Recommended Dowel Bar Splicer and Dowel-in Space									
	Grade 60 Rebar Loads (lbs)			System Thread Size*	DB-SAE Bar Size	Dowel-In Bar Size	System Stress Area (min)	Grade 60 Rebar Loads (lbs)		
	Py	1.25 Py	Pult					Py	1.25 Py	Pult
#4	12,000	15,000	18,000	5/8"-11	#4	#4	.20	12,000	15,000	18,000
#5	18,600	26,250	27,900	3/4"-10	#5	#5	.31	18,600	23,250	27,900
#6	26,400	33,000	39,600	7/8"-9	#6	#6	.44	26,400	33,000	39,600
#7	36,000	45,000	54,000	1"-8	#7	#7	.60	36,000	45,000	54,000