

MECHANICAL SPLICE OPTIONS WITH HIGH STRENGTH REINFORCING BARS											
ASTM A615, A706 GRADE 60		ASTM A615 GRADE 75		ASTM A615, A706 GRADE 80		A615, A706 GRADE 100	ASTM A1035 GRADE 100		ASTM A1035 GRADE 120		
TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	
125% <i>fy</i> A615, A706 Grade 60	100% <i>fu</i> A615, A706 Grade 60	125% <i>fy</i> A615 Grade 75	100% <i>fu</i> A615 Grade 75	125% <i>fy</i> A615, A706 Grade 80	100% <i>fu</i> A615, A706 Grade 80	100% <i>fu</i> A615, A706 Grade 100	125% <i>fy</i> A1035 Grade 100	100% <i>fu</i> A1035 Grade 100	125% <i>fy</i> A1035 Grade 120	100% <i>fu</i> A1035 Grade 120	
75,000 psi	80,000 psi	93,750 psi	100,000 psi	100,000 psi	100,000 psi	117,000 psi*	125,000 psi	150,000 psi	150,000 psi	150,000 psi	
STANDARD TAPER THREADED GRIP-TWIST						GRIP-TWIST XT					
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ZAP SL	ZAP TYPE 2		ZAP SCREWLOK FX				ZAP SCREWLOK FXT				
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
STANDARD BARSPLICER	BARSPLICER XP						100ksi BARSPLICER (A1035 CORROSION RESISTANT) [available substitution for Grade 75 & 80 Type 1 & 2]				
✓	✓	✓	✓	✓	✓		✓				
✓	✓	✓	✓	✓	✓			THIS CHART PROVIDES A GENERAL SUMMARY OF STRENGTH CAPACITIES WHEN USING BPI COUPLERS ON UNCOATED REINFORCING BAR.			
✓	✓	✓	✓	✓	✓	fy = Specified Yield Strength fu = Specified Tensile Strength VISIT www.barsplice.com FOR ADDITIONAL DETAILS INCLUDING STATEMENTS, CONDITIONS OF USE, LIMITATIONS, TERMS AND CONDITIONS OF SALE.					
sizes #3 - #8 (10 - 25)						Copyright © 2025 Barsplice Products, Inc.					

* BY MEETING THE 117,000 psi SPECIFIED TENSILE (f_u) LIMIT OF ASTM A706, THE SPECIFIED TENSILE LIMIT OF 115,000 psi FOR A615 IS ALSO MET.