



R8 13 SEP 23

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	
MINIMUM STRENGTH REQUIREMENT, ACI 318		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
TAPER THREADED GRIP-TWIST® SYSTEM	HIGH STRENGTH TAPER THREADED COUPLERS, SHOP SWAGED BY BP2600 PRESS	STANDARD TAPER THREADED GRIP-TWIST						GRIP-TWIST 'XT'				
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZAP SCREWLOK® SYSTEM	SHEAR SCREW COUPLERS, FIELD INSTALLED BY IMPACT WRENCH	ZAP 'SL'	ZAP 'TYPE 2'		ZAP SCREWLOK 'FX'				ZAP SCREWLOK 'FXT'			
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
BPI® BARSPLICER SYSTEM	THREADED STEEL COUPLERS ON BARSPLICE SHOP THREADED REBAR	STANDARD BARSPLICER	BARSPLICER 'XP'						100KSI BARSPLICER (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.		
BPI® BARGRIP XL	SWAGED COUPLERS, INSTALLED BY FIELD PRESS	✓	✓	✓	✓	✓	✓	✓	<i>fy</i> = Specified Yield Strength <i>fu</i> = Specified Tensile Strength VISIT www.barsplice.com FOR ADDITIONAL DETAILS, INCLUDING STATEMENTS, CONDITIONS OF USE, LIMITATIONS, TERMS AND CONDITIONS OF SALE.			

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