

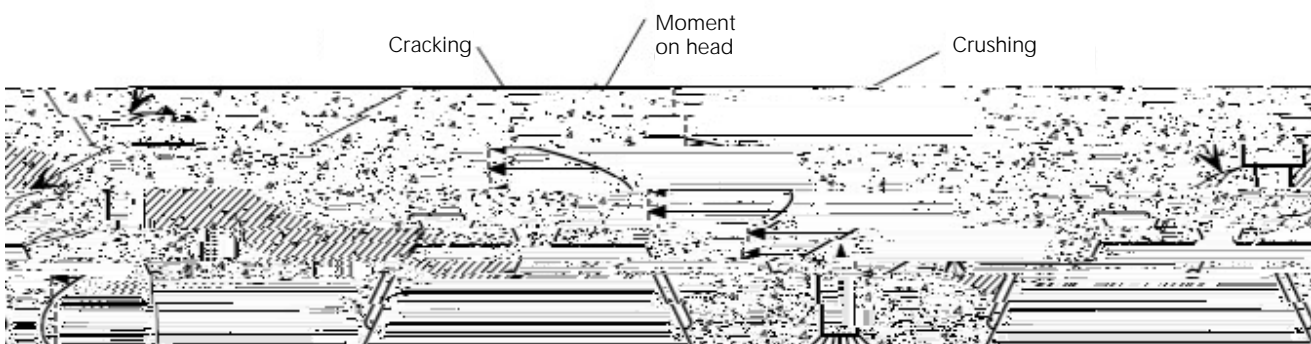
A D1.1/2010 **C** **7.1**
A¹ **B²** **C³**

Tensile Strength	psi min	61,000	65,000	80,000
	MPa min	420	450	552
Yield Strength (0.2% Offset)	psi min	49,000	51,000	–
	MPa min	340	350	–
Yield Strength (0.5% Offset)	psi min	–	–	70,000
	MPa min	–	–	485
Elongation	% in 2 in. min	17%	20%	–
	% in 5x diameter			
	min	14%	15%	–
Reduction of Area	% min	50%	50%	–

4.3 Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging
 Specification for Stainless Steel Bars and Shapes.
 300-310, 304, 305, 30, 310
 31-300
 303
 1.2
 1.5 Bridge Welding Code
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F



End of beam

Force

Force distribution in concrete



▲ It is important to take into account the nominal melt-off length to determine the required stud length for the application.

