

Category	Primary			Secondary	Peak
	General Membr	Local Membr	Bending		
Symbol	P_m	P_L	P_b	Q	F
Normal Force	X	X			
Moment			X		
Includes Discontinuities		X		X	X
Includes Stress Concentrations					X
Caused by Mechanical Loads	X	X	X	X	X
Caused by Thermal Stresses				X	X
Failure Mode	Tensile Limit Load	Strain Control Shake-down)	Bending Limit Load	Strain Control (Shake-down)	Fatigue
Limit from Concepts	S_y	$2 S_y$	$1.5 S_y$	$2 S_y$	S-N Curves
Code Limits	S_m				$U_F < 1$
Inelastic Analysis (Elevated Temperature)	$\epsilon = 1\%$				$U_{FT} < D$

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