

Provision number	SI-metric stress in MPa	mks-metric stress in kgf/cm ²	U.S. Customary units stress in pounds per square inch (psi)
22.7.4.1(b)(b)	$T_{th} = 0.083\lambda\sqrt{f'_c}\left(\frac{A_g^2}{P_{cp}}\right)\sqrt{1+\frac{f_{pc}}{0.33\lambda\sqrt{f'_c}}}$	$T_{th} = 0.27\lambda\sqrt{f'_c}\left(\frac{A_g^2}{P_{cp}}\right)\sqrt{1+\frac{f_{pc}}{1.1\lambda\sqrt{f'_c}}}$	$T_{th} = \lambda\sqrt{f'_c}\left(\frac{A_g^2}{P_{cp}}\right)\sqrt{1+\frac{f_{pc}}{4\lambda\sqrt{f'_c}}}$
22.7.4.1(b)(c)	$T_{th} = 0.083\lambda\sqrt{f'_c}\left(\frac{A_g^2}{P_{cp}}\right)\sqrt{1+\frac{N_u}{0.33A_g\lambda\sqrt{f'_c}}}$	$T_{th} = 0.27\lambda\sqrt{f'_c}\left(\frac{A_g^2}{P_{cp}}\right)\sqrt{1+\frac{N_u}{1.1A_g\lambda\sqrt{f'_c}}}$	$T_{th} = \lambda\sqrt{f'_c}\left(\frac{A_g^2}{P_{cp}}\right)\sqrt{1+\frac{N_u}{4A_g\lambda\sqrt{f'_c}}}$
22.7.5.1(a)	$T_{cr} = 0.33\lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)$	$T_{cr} = \lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)$	$T_{cr} = 4\lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)$
22.7.5.1(b)	$T_{cr} = 0.33\lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)\sqrt{1+\frac{f_{pc}}{0.33\lambda\sqrt{f'_c}}}$	$T_{cr} = \lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)\sqrt{1+\frac{f_{pc}}{1.1\lambda\sqrt{f'_c}}}$	$T_{cr} = 4\lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)\sqrt{1+\frac{f_{pc}}{4\lambda\sqrt{f'_c}}}$
22.7.5.1(c)	$T_{cr} = 0.33\lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)\sqrt{1+\frac{N_u}{0.33A_g\lambda\sqrt{f'_c}}}$	$T_{cr} = \lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)\sqrt{1+\frac{N_u}{1.1A_g\lambda\sqrt{f'_c}}}$	$T_{cr} = 4\lambda\sqrt{f'_c}\left(\frac{A_{cp}^2}{P_{cp}}\right)\sqrt{1+\frac{N_u}{4A_g\lambda\sqrt{f'_c}}}$
22.7.7.1a	$\sqrt{\left(\frac{V_u}{b_w d}\right)^2 + \left(\frac{T_u P_h}{1.7 A_{oh}^2}\right)^2} \leq \phi \left(\frac{V_c}{b_w d} + 0.66\sqrt{f'_c}\right)$	$\sqrt{\left(\frac{V_u}{b_w d}\right)^2 + \left(\frac{T_u P_h}{1.7 A_{oh}^2}\right)^2} \leq \phi \left(\frac{V_c}{b_w d} + 2\sqrt{f'_c}\right)$	$\sqrt{\left(\frac{V_u}{b_w d}\right)^2 + \left(\frac{T_u P_h}{1.7 A_{oh}^2}\right)^2} \leq \phi \left(\frac{V_c}{b_w d} + 8\sqrt{f'_c}\right)$
22.7.7.1b	$\left(\frac{V_u}{b_w d}\right) + \left(\frac{T_u P_h}{1.7 A_{oh}^2}\right) \leq \phi \left(\frac{V_c}{b_w d} + 0.66\sqrt{f'_c}\right)$	$\left(\frac{V_u}{b_w d}\right) + \left(\frac{T_u P_h}{1.7 A_{oh}^2}\right) \leq \phi \left(\frac{V_c}{b_w d} + 2\sqrt{f'_c}\right)$	$\left(\frac{V_u}{b_w d}\right) + \left(\frac{T_u P_h}{1.7 A_{oh}^2}\right) \leq \phi \left(\frac{V_c}{b_w d} + 8\sqrt{f'_c}\right)$
22.9.4.4(b), (c), and (e)	$(3.3 + 0.08f'_c)A_c$ $11A_c$ $5.5A_c$	$(34 + 0.08f'_c)A_c$ $110A_c$ $55A_c$	$(480 + 0.08f'_c)A_c$ $1600A_c$ $800A_c$
23.4.4	$V_u \leq \phi 0.42 \tan(\theta) \lambda \lambda_s \sqrt{f'_c} b_w d$	$V_u \leq \phi 1.33 \tan(\theta) \lambda \lambda_s \sqrt{f'_c} b_w d$	$V_u \leq \phi 5 \tan(\theta) \lambda \lambda_s \sqrt{f'_c} b_w d$
23.4.4.1	$\lambda_s = \sqrt{\frac{2}{1+0.004d}} \leq 1.0$	$\lambda_s = \sqrt{\frac{2}{1+0.04d}} \leq 1.0$	$\lambda_s = \sqrt{\frac{2}{1+\frac{d}{10}}} \leq 1.0$
24.3.2	$s = 380 \left(\frac{280}{f_s}\right) - 2.5c_c$ $s = 300 \left(\frac{280}{f_s}\right)$	$s = 38 \left(\frac{2800}{f_s}\right) - 2.5c_c$ $s = 30 \left(\frac{2800}{f_s}\right)$	$s = 15 \left(\frac{40,000}{f_s}\right) - 2.5c_c$ $s = 12 \left(\frac{40,000}{f_s}\right)$
24.3.2.2	$\Delta f_{ps} \leq 250 \text{ MPa}$ $\Delta f_{ps} < 140 \text{ MPa}$	$\Delta f_{ps} \leq 2500 \text{ kgf/cm}^2$ $\Delta f_{ps} < 1400 \text{ kgf/cm}^2$	$\Delta f_{ps} \leq 36,000 \text{ lb/in.}^2$ $\Delta f_{ps} < 20,000 \text{ lb/in.}^2$
24.5.2.1	$f_i \leq 0.62\sqrt{f'_c}$ $0.62\sqrt{f'_c} < f_i \leq 1.0\sqrt{f'_c}$ $f_i > 1.0\sqrt{f'_c}$ $f_i \leq 0.50\sqrt{f'_c}$	$f_i \leq 2\sqrt{f'_c}$ $2\sqrt{f'_c} < f_i \leq 3.2\sqrt{f'_c}$ $f_i > 3.2\sqrt{f'_c}$ $f_i \leq 1.6\sqrt{f'_c}$	$f_i \leq 7.5\sqrt{f'_c}$ $7.5\sqrt{f'_c} < f_i \leq 12\sqrt{f'_c}$ $f_i > 12\sqrt{f'_c}$ $f_i \leq 6\sqrt{f'_c}$
24.5.3.2	$0.50\sqrt{f'_{ci}}$ $0.25\sqrt{f'_{ci}}$	$1.6\sqrt{f'_{ci}}$ $0.8\sqrt{f'_{ci}}$	$6\sqrt{f'_{ci}}$ $3\sqrt{f'_{ci}}$