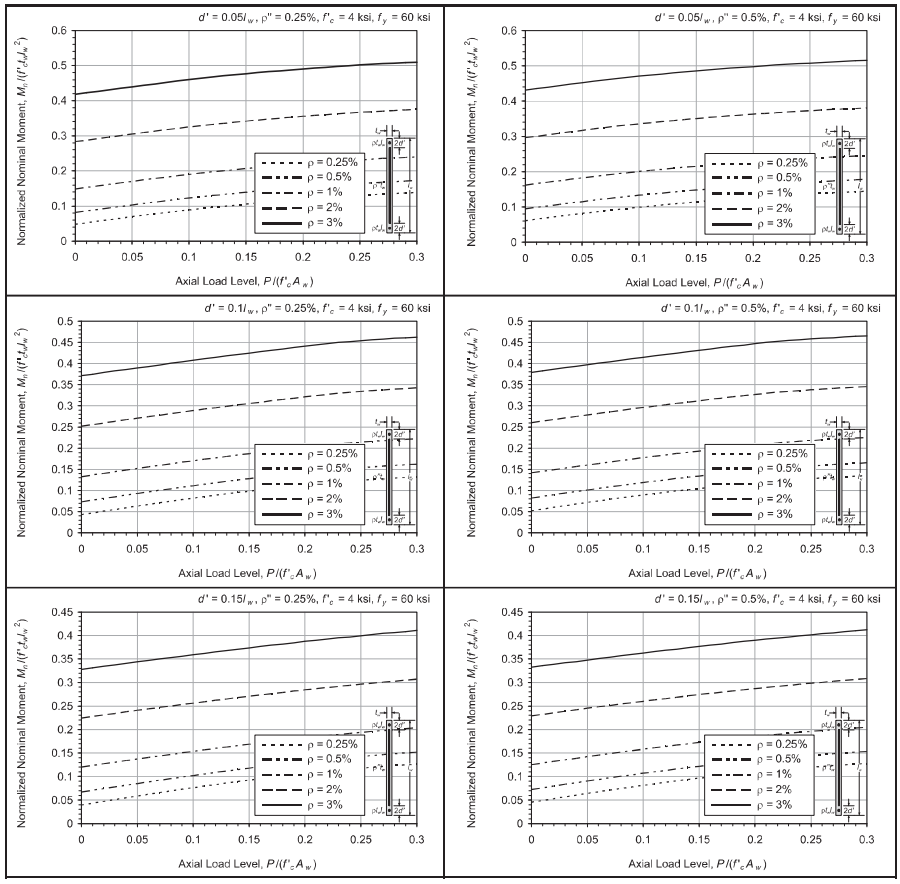

Figure A1.5 Nominal flexural strength calculated according to ACI 318, in normalized form, for rectangular sections having $f'_c = 4$ ksi and $f_y = 60$ ksi; individual plots are for $\rho'' = 0.25\%$ (left column) and 0.50% (right column); $d'/l_w = 0.05$ (top row), 0.10 (middle row), and 0.15 (bottom row).

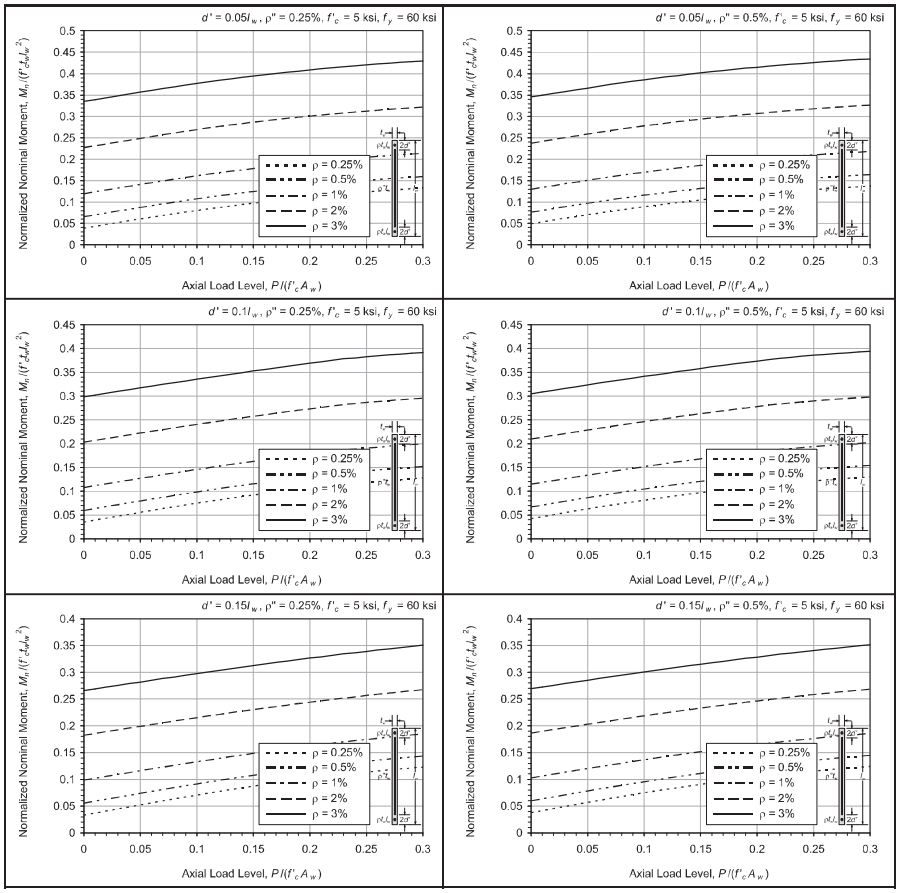

Figure A1.6 Nominal flexural strength calculated according to ACI 318, in normalized form, for rectangular sections having $f'_c = 5$ ksi and $f_y = 60$ ksi; individual plots are for $\rho'' = 0.25\%$ (left column) and 0.50% (right column); $d'/l_w = 0.05$ (top row), 0.10 (middle row), and 0.15 (bottom row).

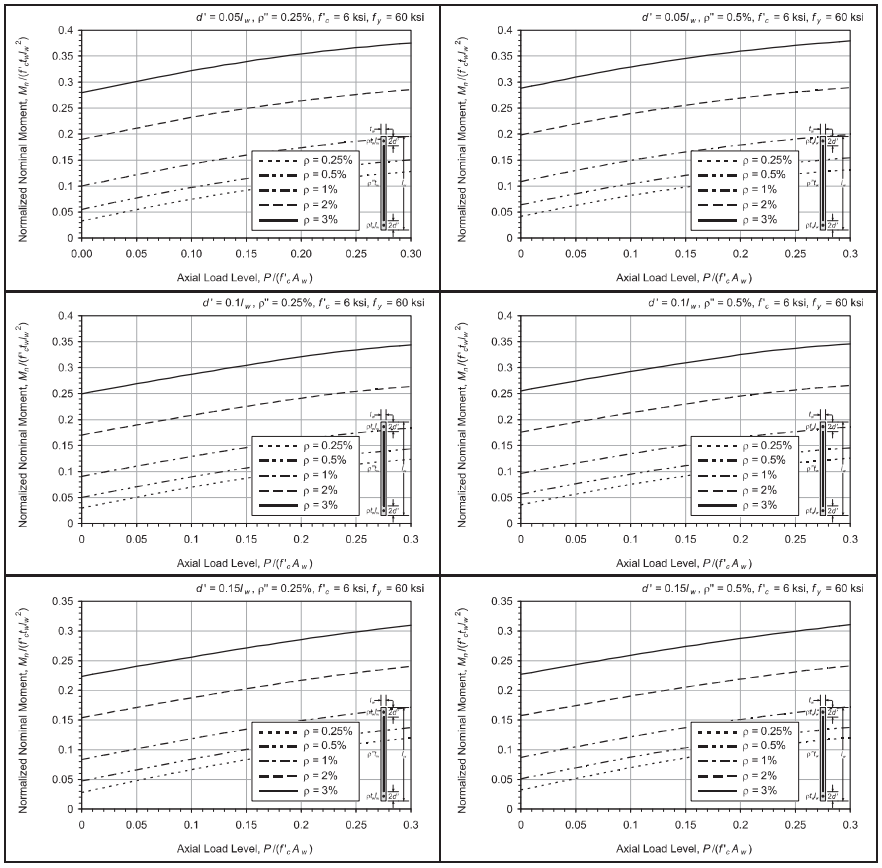

Figure A1.7 Nominal flexural strength calculated according to ACI 318, in normalized form, for rectangular sections having $f'_c = 6$ ksi and $f_y = 60$ ksi; individual plots are for $\rho'' = 0.25\%$ (left column) and 0.50% (right column); $d'/l_w = 0.05$ (top row), 0.10 (middle row), and 0.15 (bottom row).

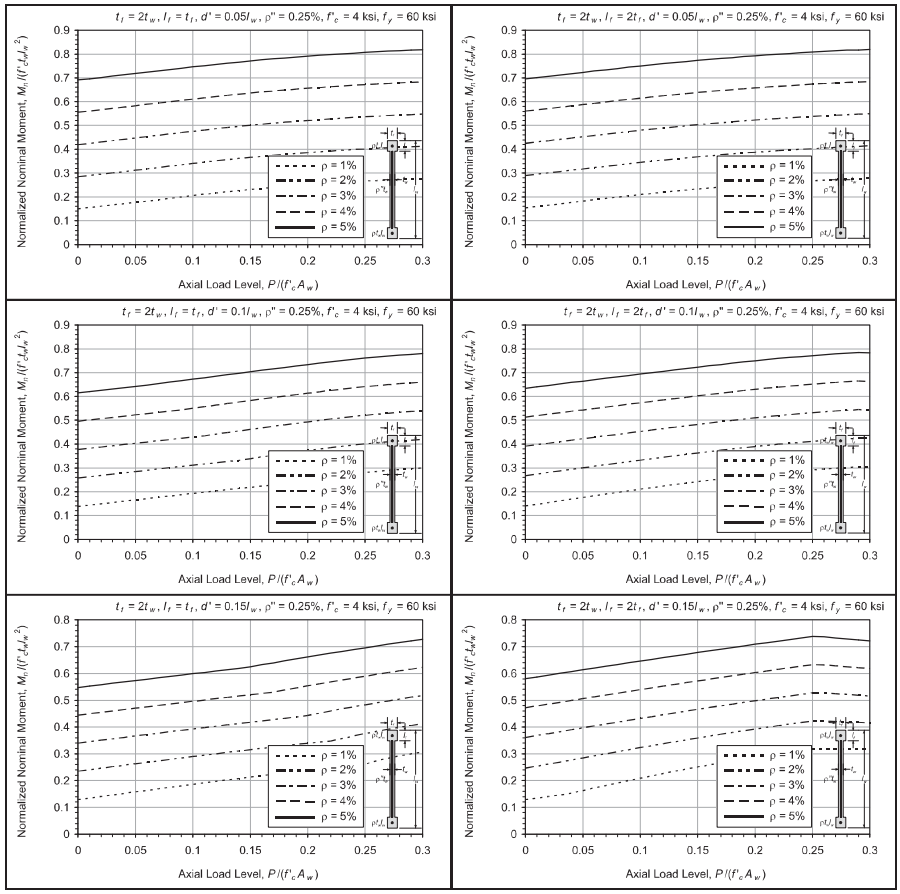

Figure A1.11 Nominal flexural strength calculated according to ACI 318, in normalized form, for barbell sections having $f'_c = 4$ ksi, $f_y = 60$ ksi, $t_f = 2\ t_w$, and $\rho'' = 0.25\%$; individual plots are for $l_f/t_f = 1$ (left column) and 2 (right column); $d'/l_w = 0.05$ (top row), 0.10 (middle row), and 0.15 (bottom row).

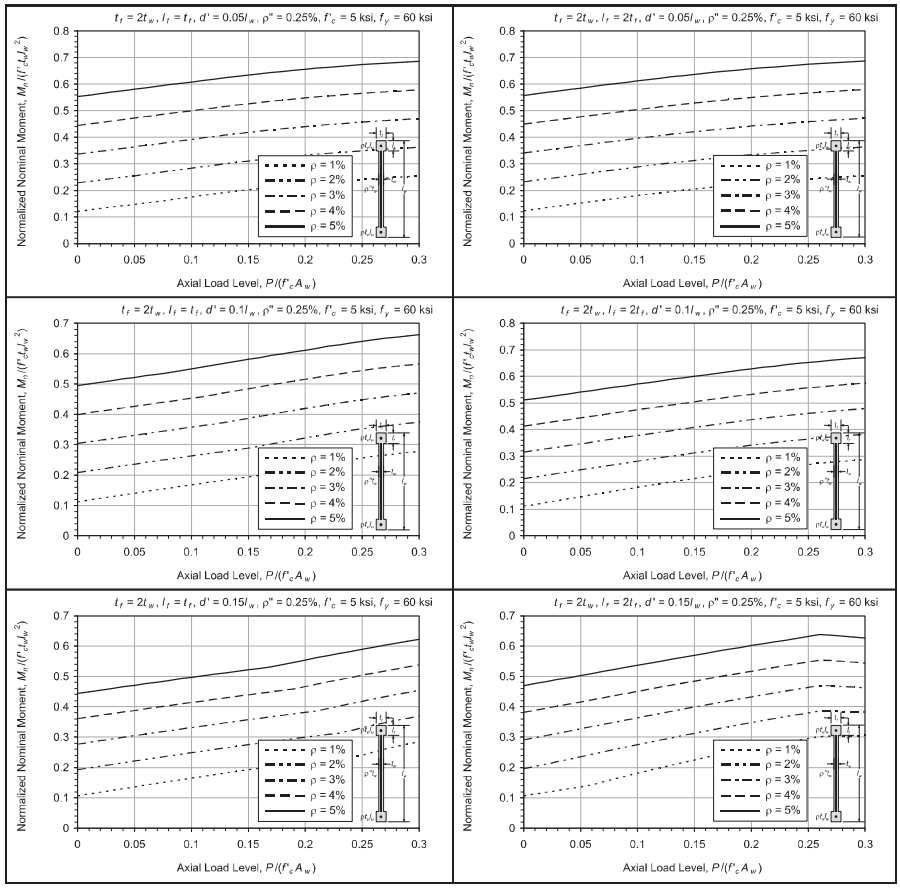

Figure A1.12 Nominal flexural strength calculated according to ACI 318, in normalized form, for barbell sections having $f'_c = 5$ ksi, $f_y = 60$ ksi, $t_f = 2\ t_w$, and $\rho'' = 0.25\%$; individual plots are for $l_f/t_f = 1$ (left column) and 2 (right column); $d'/l_w = 0.05$ (top row), 0.10 (middle row), and 0.15 (bottom row).

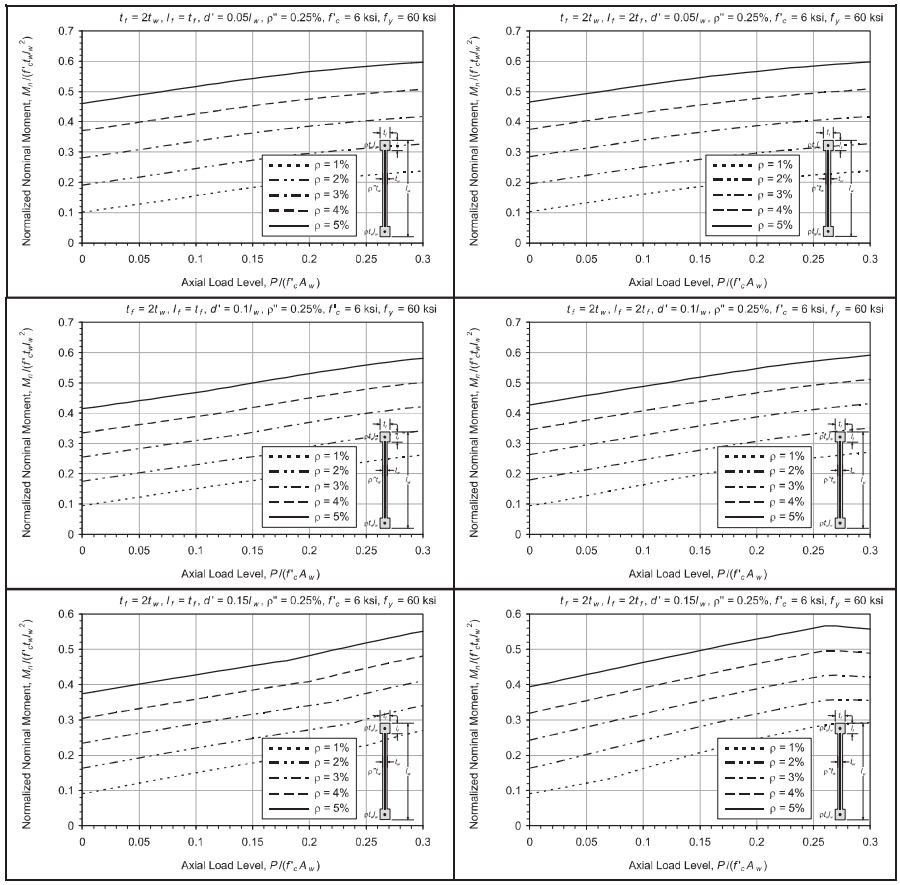

Figure A1.13 Nominal flexural strength calculated according to ACI 318, in normalized form, for barbell sections having $f'_c = 6$ ksi, $f_y = 60$ ksi, $t_f = 2\ t_w$, and $\rho'' = 0.25\%$; individual plots are for $l_f/t_f = 1$ (left column) and 2 (right column); $d'/l_w = 0.05$ (top row), 0.10 (middle row), and 0.15 (bottom row).

REFERENCES

Paulay, T. (2002). An estimation of displacement limits for ductile systems, *Earthquake Engineering and Structural Dynamics*, 31(3):583–599.