

ERRATA

Rational Basis for Increased Fillet Weld Strength

Paper by NESTOR R. IWANKIW
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The following lines should be replaced:

Page 69, left column, paragraph 1, line 8:

strength limit $R_o = 0.6F_{exx}$ times effective weld area applies to the resultant shear in the

Page 69, right column, 2nd line from bottom:

($\theta = 0^\circ$), the traditional lower bound limit of R_o based on $0.6F_{exx}$

Page 70, Equation 10:

$$\sqrt{R_2^2 + 3(R_1^2 + R_3^2)} \leq F_{exx} \text{ (throat area)} \quad (10)$$

Page 70, Equation 11:

$$\sqrt{\sigma_m^2 + \sigma_n^2 - \sigma_m \sigma_n + 3\tau_{mn}^2} \leq \sigma_y \quad (11)$$

Page 70, right column, line 1:

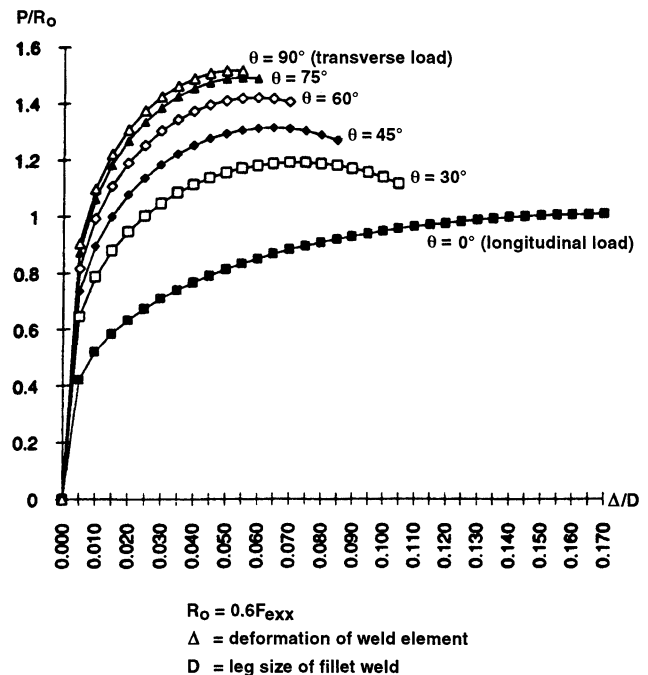
weld axis, R_2 provides the remaining normal stress, and τ_{mn} is the

Page 70, right column, line 5:

$$\sqrt{\frac{P^2 \sin^2 \theta}{2} + 3 \left(\frac{P^2 \sin^2 \theta}{2} + P^2 \cos^2 \theta \right)} \leq F_{exx} \text{ (throat area)}$$

Page 70, right column, line 9:

cal $0.577F_{exx}$ (throat area) minimum for R_o . Therefore, non-dimensionaliz-



Revised Fig. 1.

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