

Erratum: “A Design and Rating Method for Shell-and-Tube Heat Exchangers with Helical Baffles” [ASME J. Heat Transfer, 2010, 132(5), p. 051802]

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There are some errors in Eq. (22), Table 1, and nomenclature. The corrections of these errors are shown below:

(1)

$$S_{2z} = 0.5(B - S_p / \cos \beta) \left[D_1 - D_s + \frac{D_s - d_o}{t_t} (t_t - d_o) \right] \quad (22)$$

(2) D_o/D_i in Table 1 should be D_o/D_1 .

(3) D_{ct} in the nomenclature should be deleted and following revisions should be made:

D_1 = inside diameter of the shell, m.

D_o = outside diameter of the shell, m.

D_s = diameter of the tube bundle, m.