Note: See Paragraph RCB-7.142.1 for procedure.

The larger of \( M \) or \( M^2 \) as defined in Paragraph RCB-7.126.

\[
\frac{2}{(\theta - V)} = \frac{m}{2}
\]

Effective tube sheet thickness calculated from Paragraph RCB-7.132.

\[
\frac{m}{2} \left( \frac{2}{\theta} \right) \frac{W}{2} + \theta
\]

Minimum thickness of the extended portion, inches (mm) where

\[
\frac{S}{\epsilon} = L - \frac{8.0}{V}
\]

RCB-7.194 | TUBE SHEET EXCHANGERS

S and \( \theta \) are defined in Paragraph RCB-7.132.

The maximum of the moments acting on the attachment flange.

Note: The moments may differ from the moments acting on the attachment flange.

\[
\frac{2}{V} = L
\]

Outside diameter of the tube sheet, inches (mm)

\[
\frac{\theta}{L} = \frac{8.0}{\epsilon}
\]

Minimum thickness of the extended portion, inches (mm)

Where

\[
\frac{(2 + 1)(\theta - V)}{\epsilon(4 + 1)} \frac{S}{W} = 8.0
\]