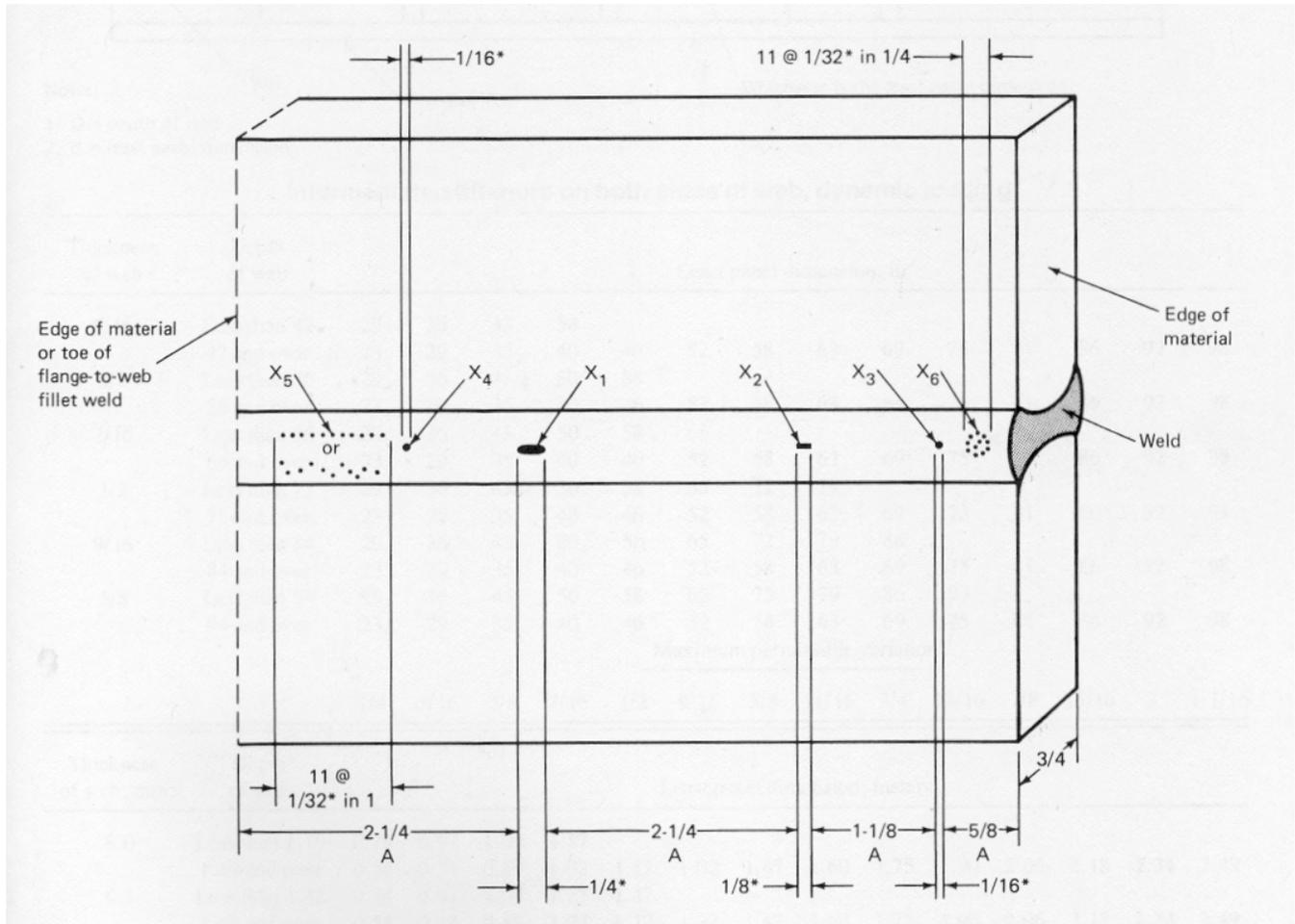## AWS WELD QUALITY REQUIREMENTS
Tension Joints

Notes:
1.   A – minimum clearance allowed between edges of porosity or fusion-type discontinuities $^1/_{16}$ in. (1.6 mm) or larger. Larger of adjacent discontinuities governs.
2. X_1 – largest permissible porosity or fusion-type discontinuity for ¾ in. (19.0 mm) joint thickness.
3. X_2, X_3, X_4 – porosity or fusion-type discontinuity $^1/_{16}$ in. (1.6 mm) or larger, but less than maximum permissible for ¾ in. (19.0 mm) joint thickness.
4. X_5, X_6 – porosity or fusion-type discontinuity less than $^1/_{16}$ in.

Interpretation:
1.   Porosity or fusion-type discontinuity X_4 is not acceptable because it is within the minimum clearance allowed between edges of such discontinuities.
2.   Remained of weld is acceptable.

* Defect size indicated is assumed to be its greatest dimension.

Discontinuities Occurring in Tension Joints

(Limits of Porosity and Fusion-Type Discontinuities)
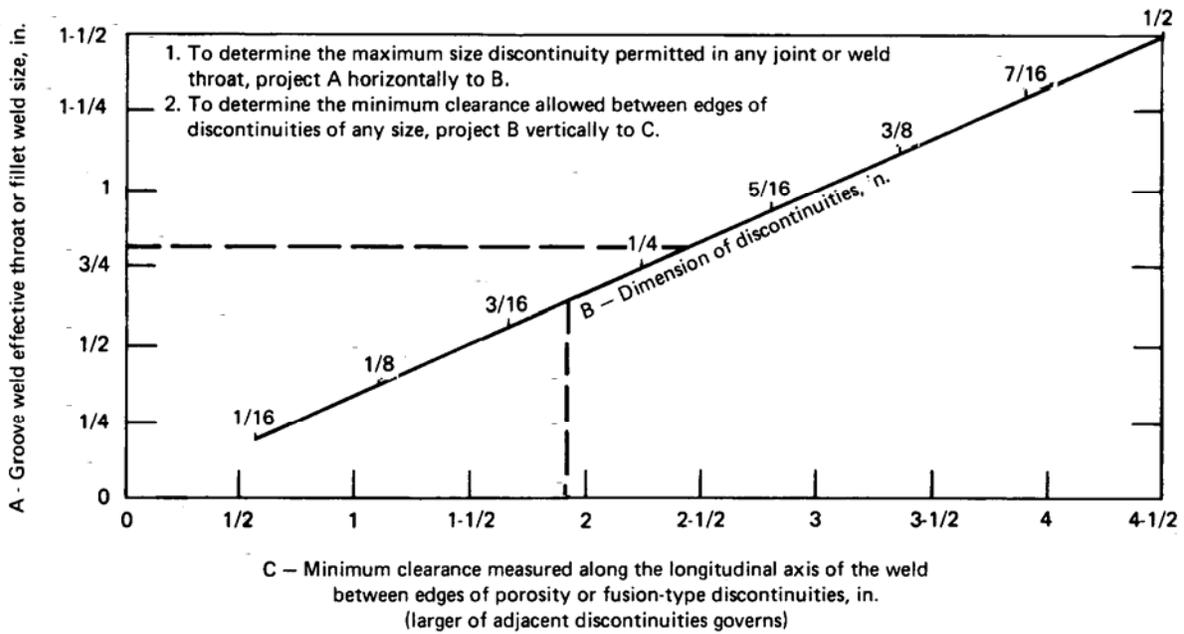
Note: Adjacent discontinuities, spaced less than the minimum spacing required by the table shall be measured as one length equal to the sum of the total length of the discontinuities plus the length of the space between them and evaluated as a single discontinuity.