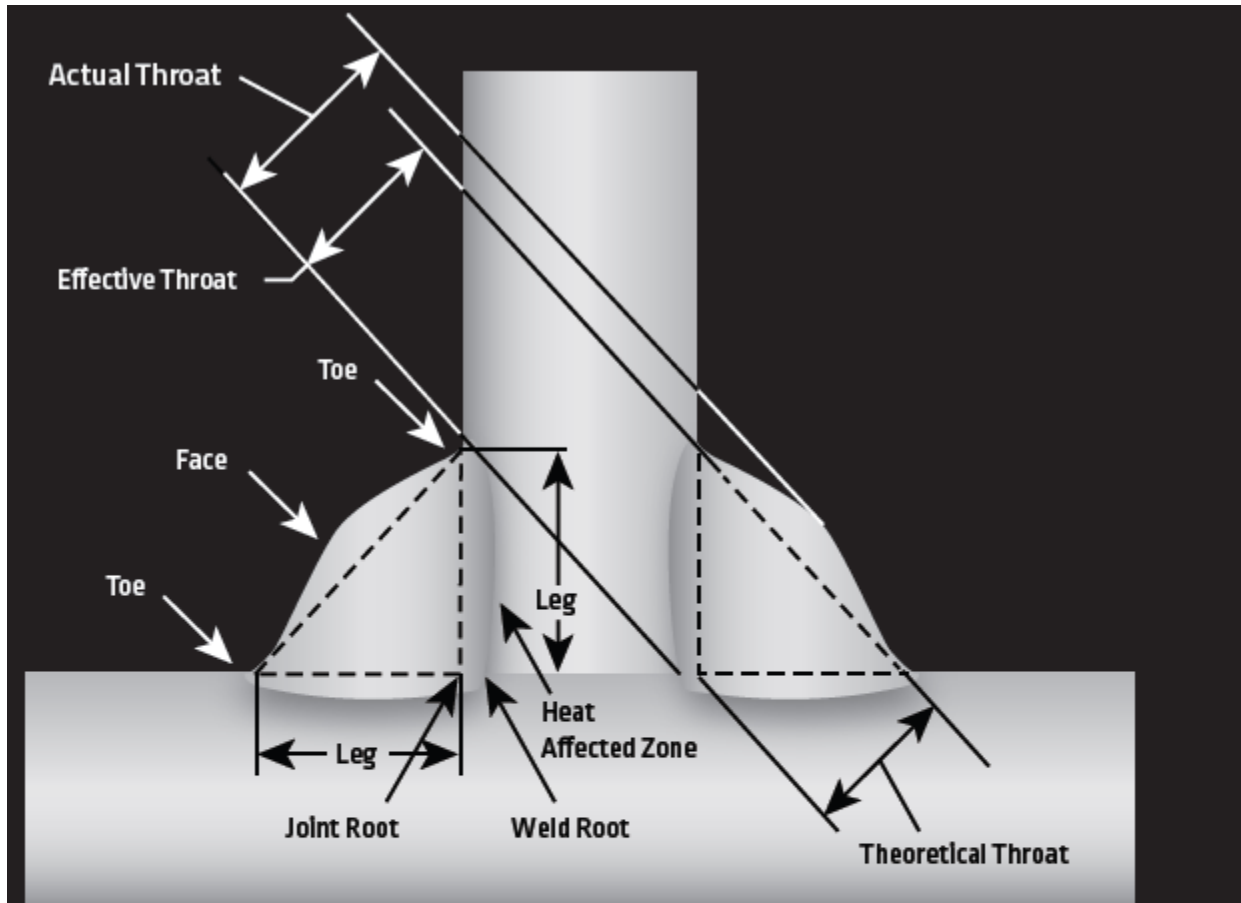


PARTS OF A FILLET WELD



TERMS & DEFINITIONS

Toe – The junction of the weld face and the base metal.

Leg – The distance from the joint root to the toe of the weld.

Face – The exposed surface of a weld on the side from which welding was done.

Theoretical Throat – The minimum distance minus any reinforcement between the joint root and the face of a fillet weld.

Effective Throat – The minimum distance minus any reinforcement between the weld root and the face of a fillet weld.

Actual Throat – The shortest distance between the weld root and the face of a fillet weld.