PRODUCTION
ESTD SERVICE CO 1952

BASIC THREAD FORM TERMS

ROOT: The bottom of the thread form. The major diameter of an internal thread and the minor diameter of an external thread

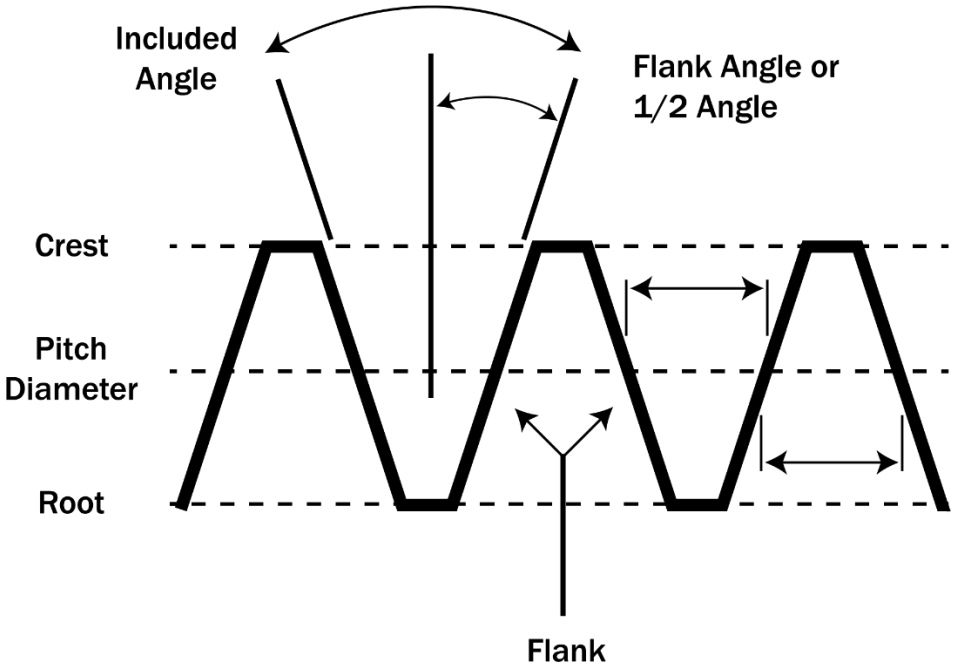
PITCH DIAMTER: The theoretical diametrical plane, which passes through a thread at the point where the width of the thread tooth and groove are equal.

CREST: The top of the thread form. The major diameter of an external thread, or the minor diameter of an external thread.

FLANKS: The sides of the thread form or groove, connecting the crest and the root.

FLANK ANGLE: The angle between the flank and a line perpendicular to the axis of the thread. Also referred to as half angle or lead angle. Some exceptions to this definition might be found, such as tapered thread flank angles measured perpendicular to the taper and should be noted.

INCLUDED ANGLE: Total of the two flank angles of a thread form.



16025 Brookpark Road, Cleveland, OH | 216-362-6604
www.productionserviceco.com