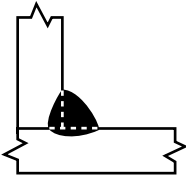


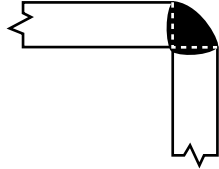
BASIC TYPES OF WELDED JOINTS

BASIC TYPES OF WELDED JOINTS:

A) FILLET WELD



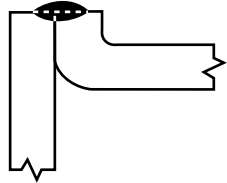
B) CORNER WELD



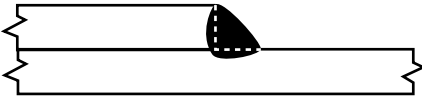
C) BUTT WELD



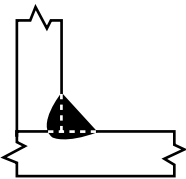
D) EDGE WELD



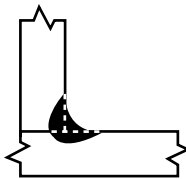
E) LAP WELD



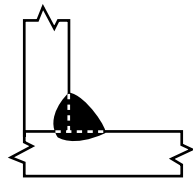
TERMINOLOGY OF WELD JOINTS:



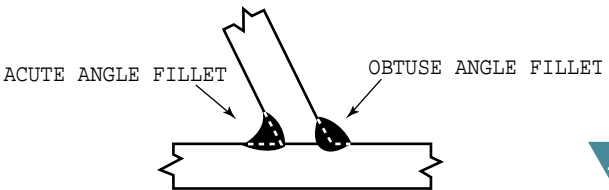
TRUE MITRE



CONCAVE

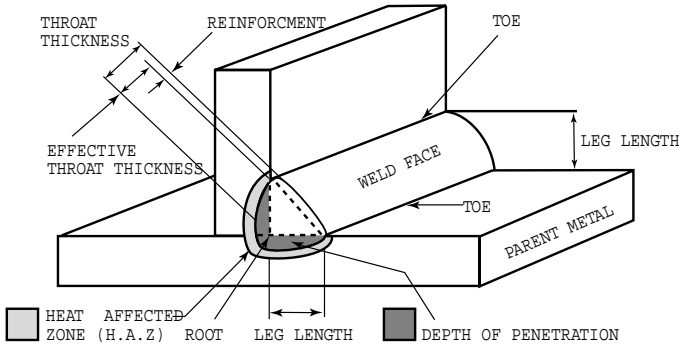


CONVEX

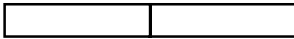


BASIC TYPES OF WELDED JOINTS cont.

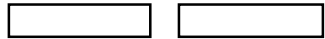
FILLET WELD DEFINITIONS:



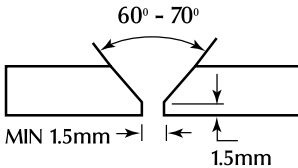
BUTT WELD - PREPARATIONS:



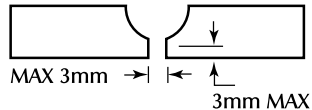
CLOSED SQUARE BUTT
Suitable for plate up to
5mm in thickness



OPEN SQUARE BUTT
>3mm ≤8mm



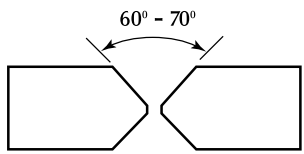
SINGLE VEE BUTT
>6mm ≤16mm



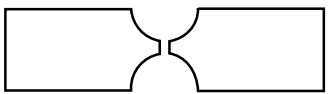
SINGLE U BUTT
>8mm <25mm

BASIC TYPES OF WELDED JOINTS cont.

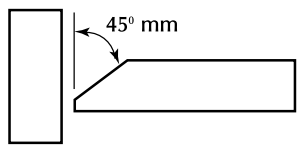
BUTT WELD - PREPARATIONS cont.:



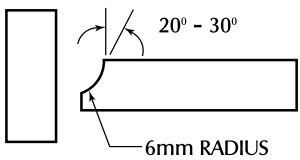
DOUBLE VEE BUTT
>16mm ≤40mm



DOUBLE U BUTT
Used on plate over
25mm thick

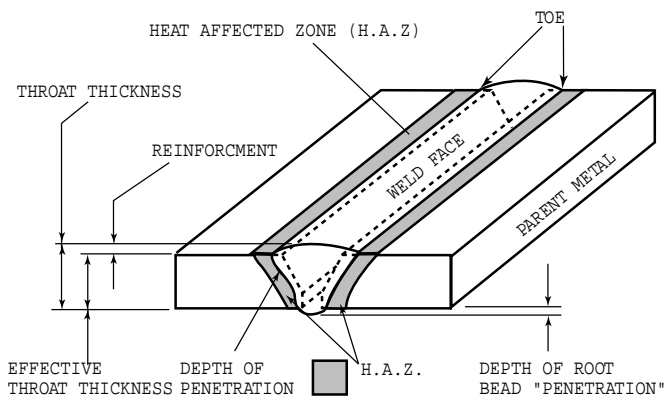


SINGLE BEVEL BUTT WELD
>6mm ≤25mm



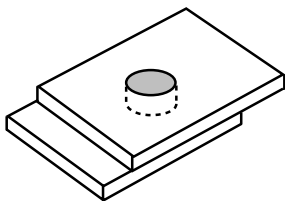
SINGLE J BEVEL BUTT WELD
>8mm 25mm

(i) BUTT WELD DEFINITIONS:

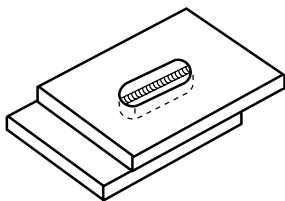


BASIC TYPES OF WELDED JOINTS cont.

OTHER WELDS:



PLUG WELDS



SLOT WELDS