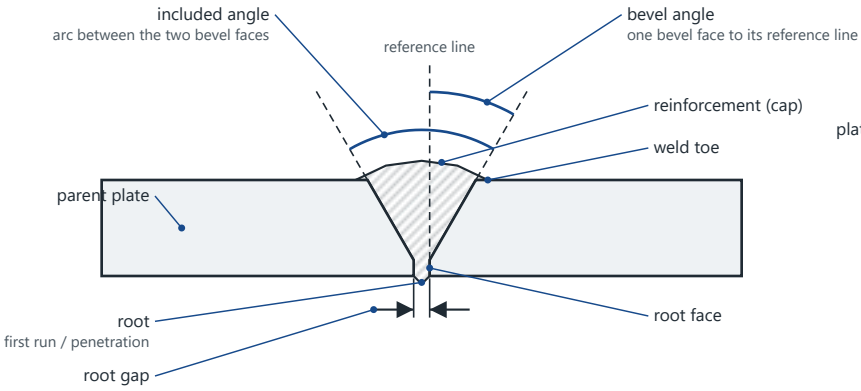
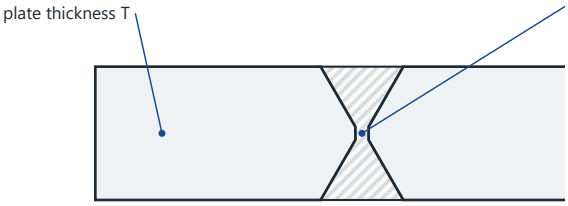
Weld joints — the words used in the regulations

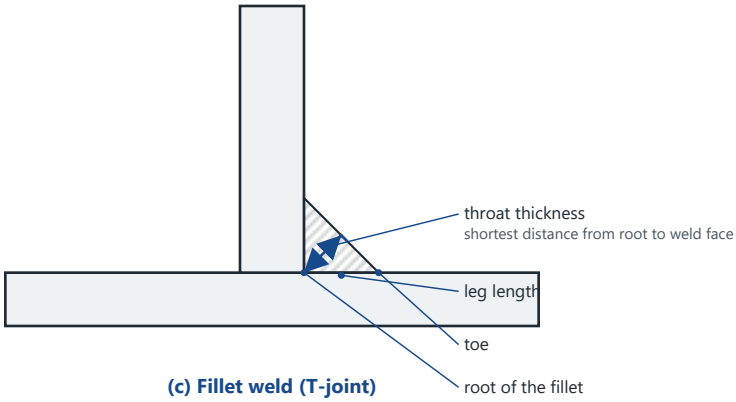
Cross-sections of common joints with each term labelled. Proportions are illustrative only; no dimensions are implied.



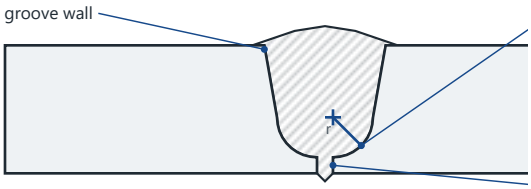
(a) Single-V butt weld



(b) Double-V butt weld (welded from both sid



(c) Fillet weld (T-joint)



(d) Single-U butt weld (thick sections)

Terminology aid only. Joint preparations, angles, gaps and procedures must follow the regulations, the qualified WPS and the Gazette figures.

INDEPENDENT EDUCATIONAL REFERENCE — NOT AN APPROVED, CERTIFIED, FABRICATION-READY OR CODE-COMPLIANT DESIGN.
Verify against the official Gazette (IBR 2026), amendments and project specifications.
IBRsource — independent; not affiliated with the Government of India or the Central Boilers Board.

Figure: fig-weld-joint-terminology Rev B
Schematic, not to scale
Date: 2026-11-20
Engineering review: in progress