

6-14. LAP JOINT

OFFSET LAP JOINT WELDING

This type of joint is used to join two overlapping members. A single lap joint where welding must be done from one side is shown in [view A, figure 6-21](#). The double lap joint is welded on both sides and develops the full strength of the welded members ([view B, fig. 6-21](#)). An offset lap joint ([view C, fig. 6-21](#)) is used where two overlapping plates must be joined and welded in the same plane. This type of joint is stronger than the single lap type, but is more difficult to prepare.

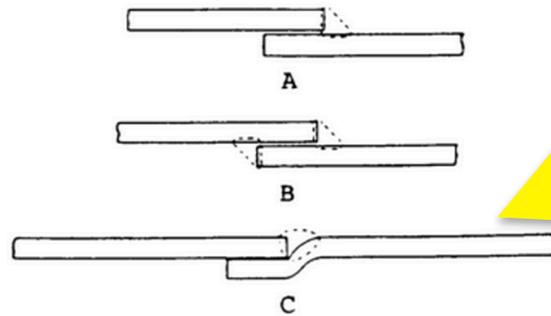


Figure 6-21. Lap joints.

LMT uses this offset welding technique, also called an offset lap joint, to weld the seams between all tank sections and on each tank head.

SOURCE: train.army.mil