

Aluminum Alloy Repair

Weld Area Finishing

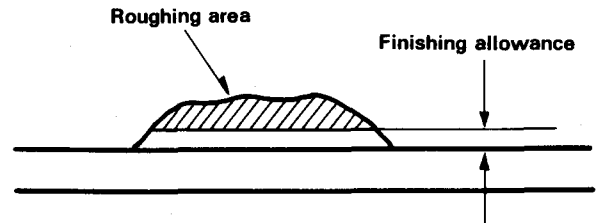
NOTE: Inspect for cracks before finishing the weld zones of aluminum alloys (see page 2-39).

When sanding weld zones

Use a disc grinder (A36P grindstone) for roughing and a disc sander for finishing (#80).

-1) Roughing

Use the disc grinder (A36P) for weld reinforcements, always leaving a finishing allowance.



-2) Finishing Cut Operation

Use the disc sander (#80 disc) to finish the area of the finishing allowance and to give the weld zone a smooth finish.

NOTE:

- Roughing applies only to weld reinforcements. Care should be taken to leave the surface of the aluminum alloy untouched.
- Take care not to remove too much material in the roughing process since this can cause a loss of strength.
- Take care not to press the sanding tool too forcefully against the surface.
- Replace the disc of the sanding tool with a fresh disc if the surface becomes clogged with aluminum alloy fragments.
- Weld zones that are hidden from view do not need to be finished.