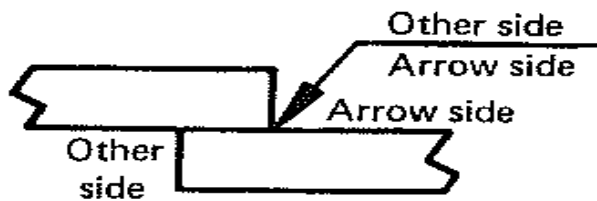
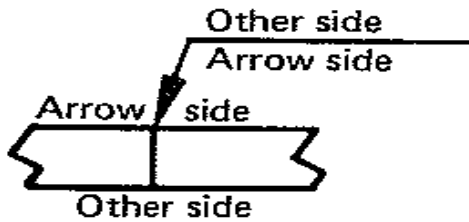
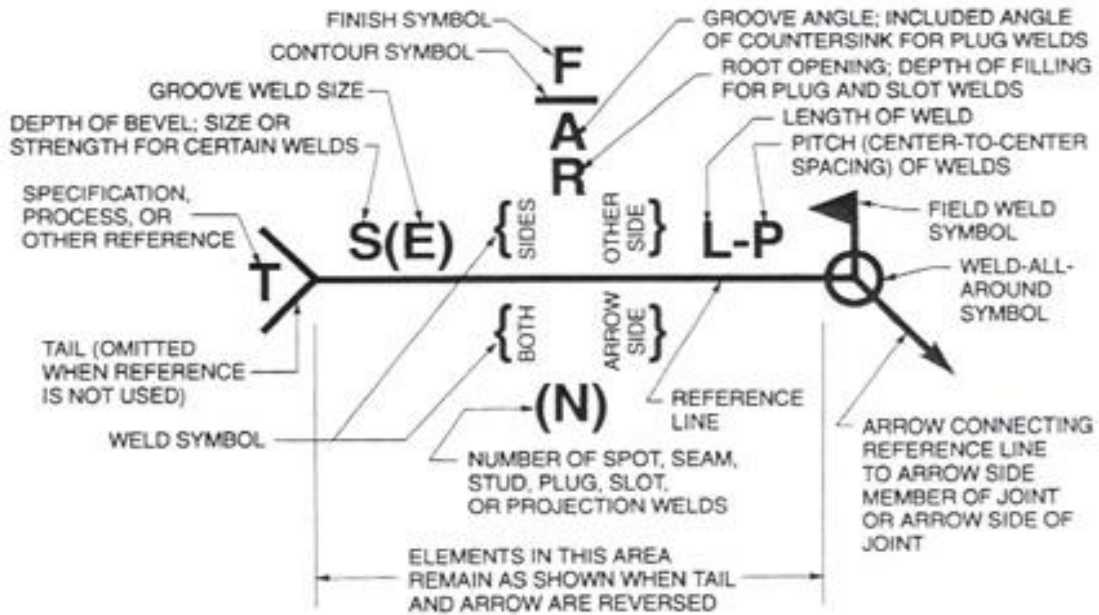
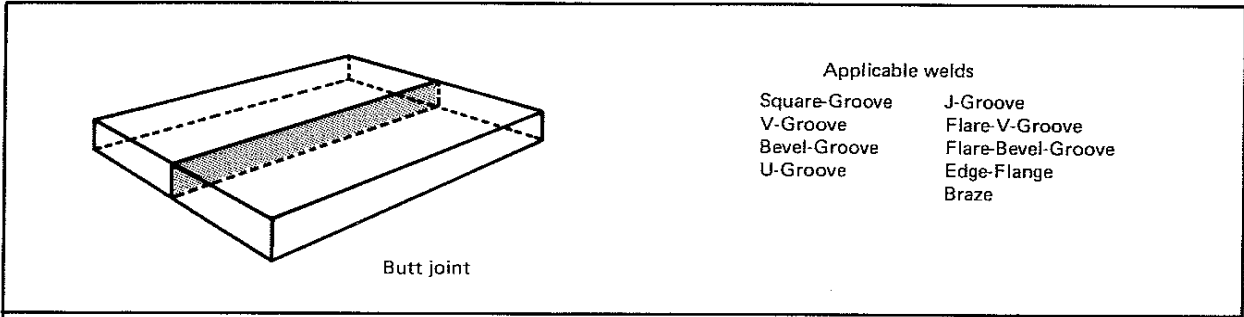


### Location of Elements of a Welding Symbol

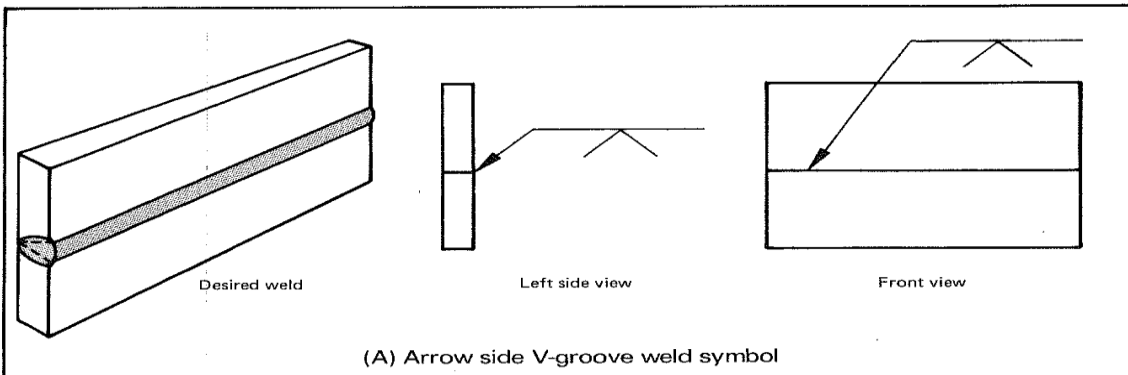


Weld all around	Field weld	Melt-thru	Backing or spacer material	Contour		
				Flush	Convex	Concave

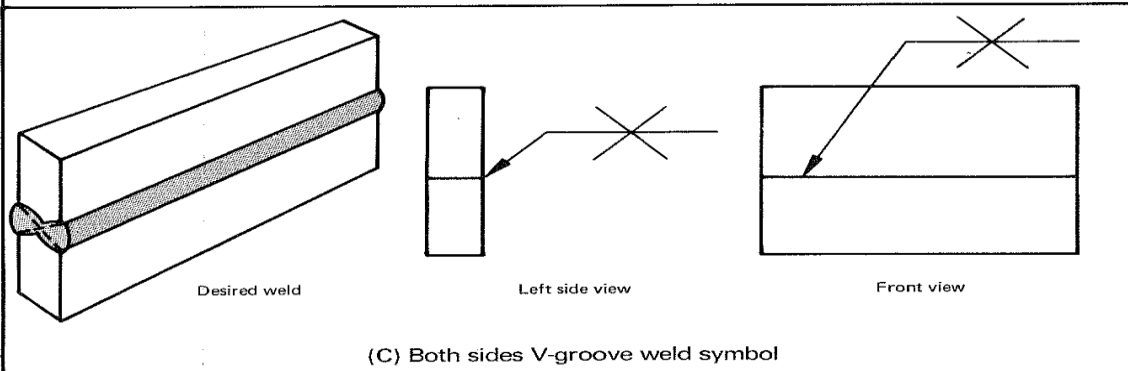
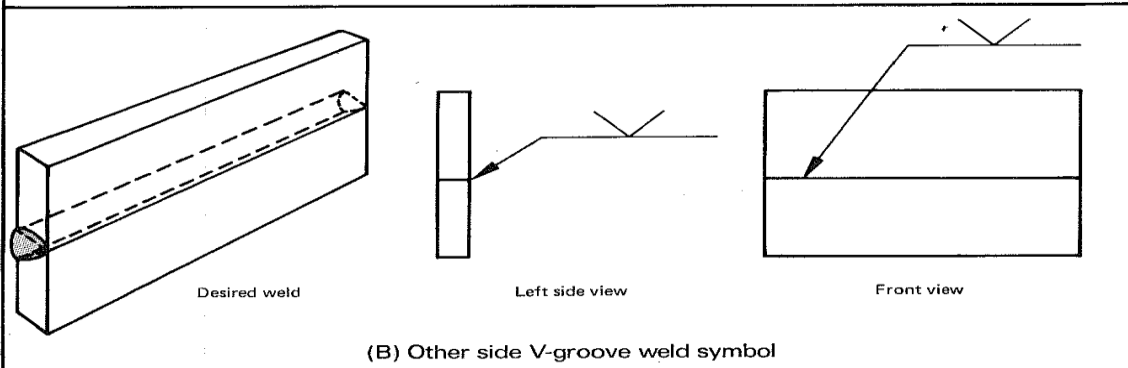


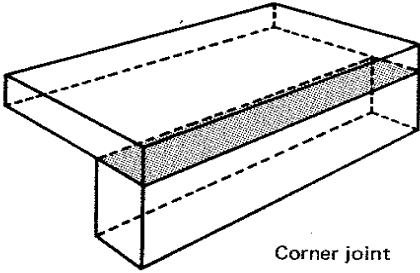
- Applicable welds
- |               |                    |
|---------------|--------------------|
| Square-Groove | J-Groove           |
| V-Groove      | Flare-V-Groove     |
| Bevel-Groove  | Flare-Bevel-Groove |
| U-Groove      | Edge-Flange        |
|               | Braze              |

Edge	Square	V	Bevel	U	J	Flare V	Flare bevel



Examples



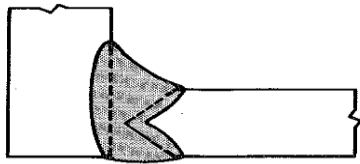


Corner joint

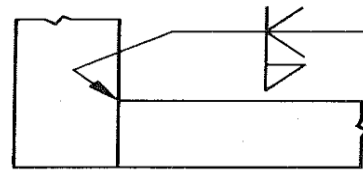
Applicable welds

- Fillet
- Square-Groove
- V-Groove
- Bevel-Groove
- U-Groove
- J-Groove
- Flare-V-Groove
- Flare-Bevel-Groove
- Edge-Flange
- Corner-Flange
- Spot
- Projection
- Seam
- Braze,

Square	V	Bevel	U	J	Flare V	Flare bevel
Fillet	Spot or projection	Seam	Flange			
			Edge	Corner		

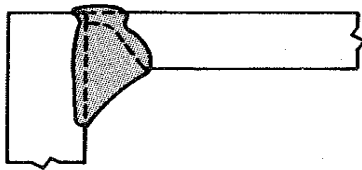


Desired welds

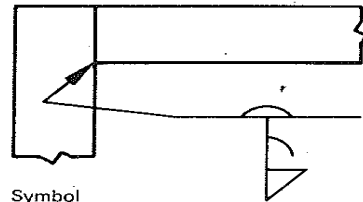


Symbol

(C) Fillet and double-bevel-groove weld symbols

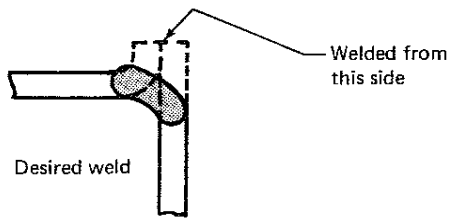


Desired welds

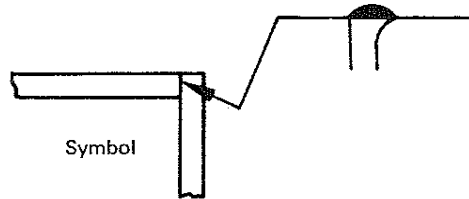


Symbol

(B) Back or backing, single-J-groove and fillet weld symbols



Desired weld

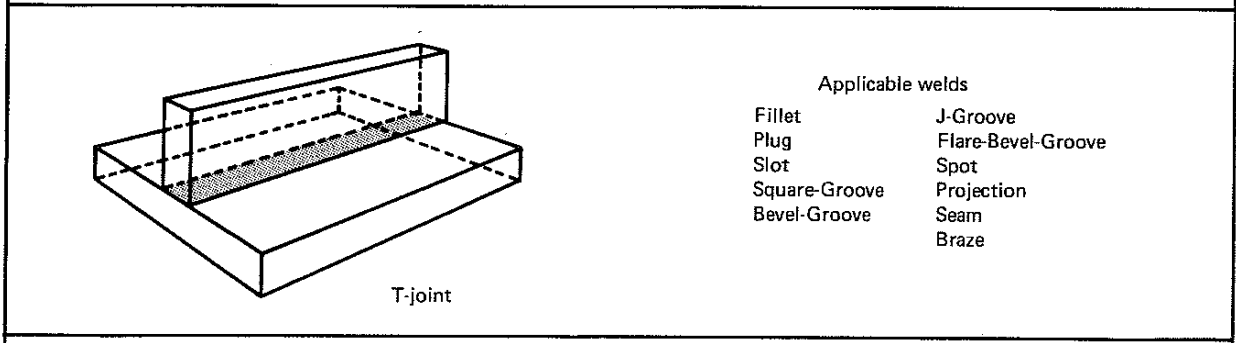


Symbol

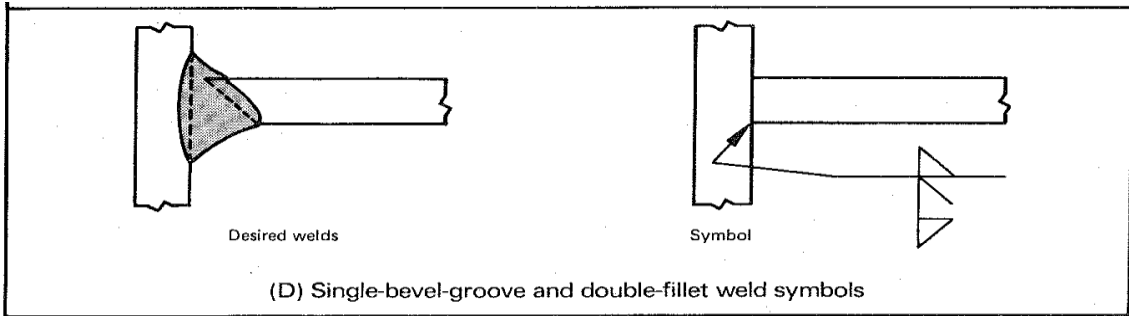
Corner flange weld

(E)

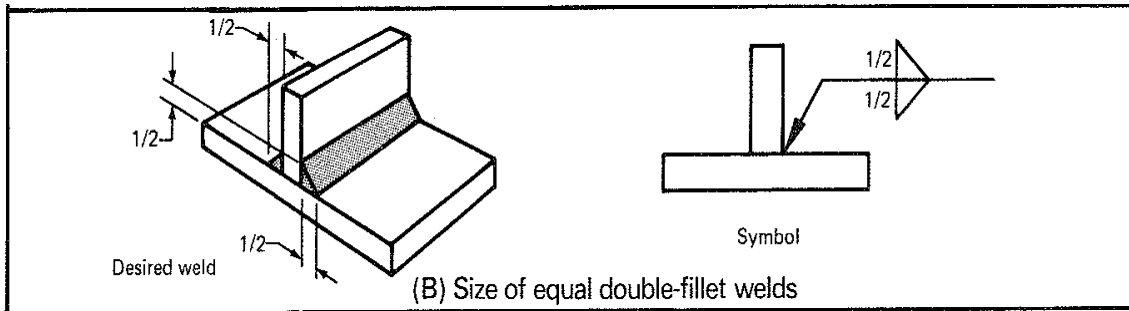
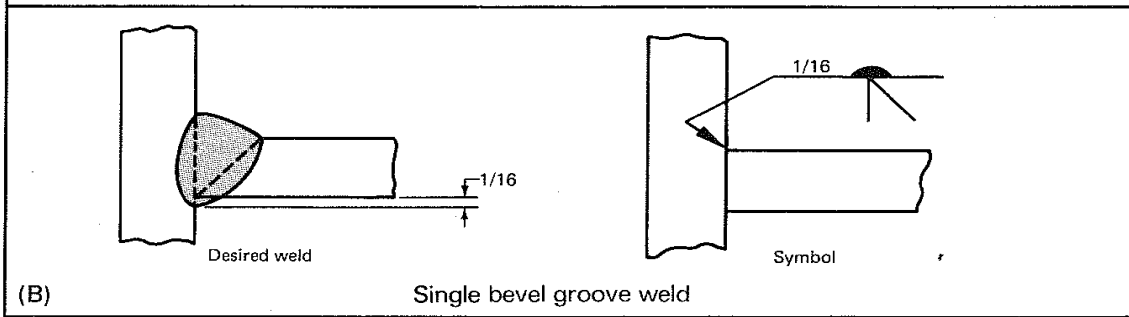
Examples

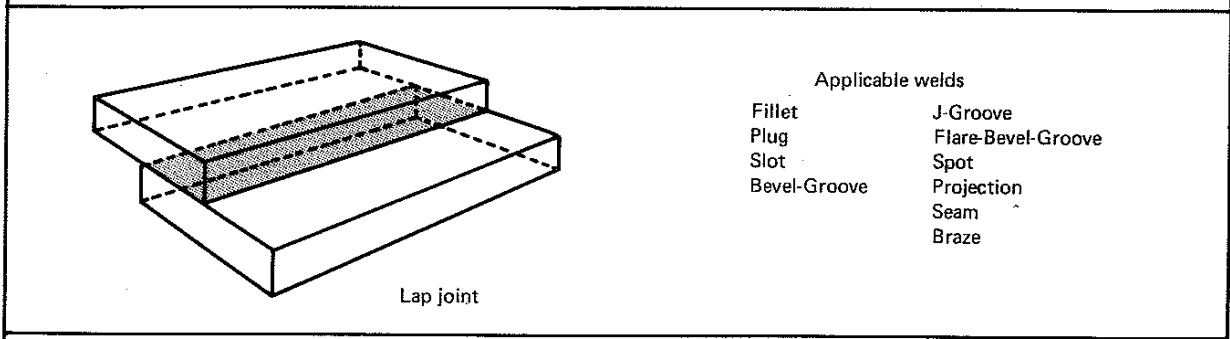


Square	Bevel	J	Flare bevel	Fillet	Plug or slot	Spot or projection	Seam



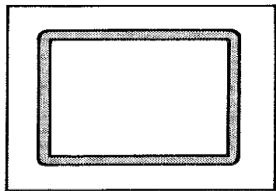
Examples



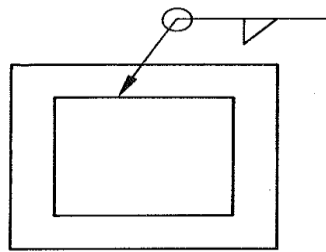


Bevel	J	Flare bevel	Fillet	Plug or slot	Spot or projection	Seam

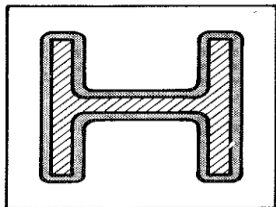
Examples



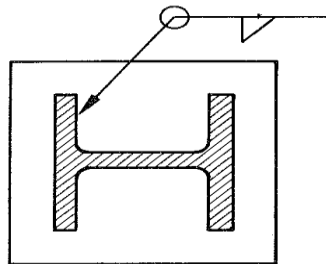
Desired weld



Symbol



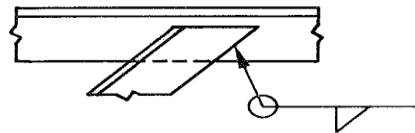
Desired weld



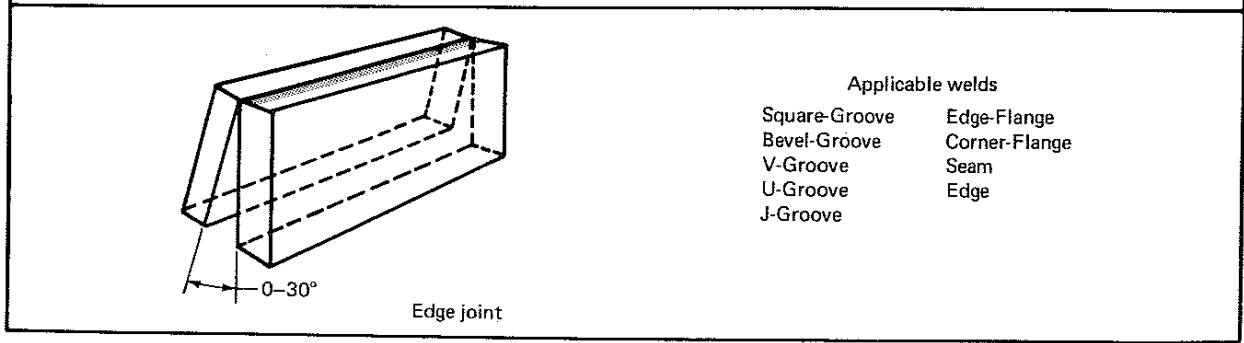
Symbol



Desired weld

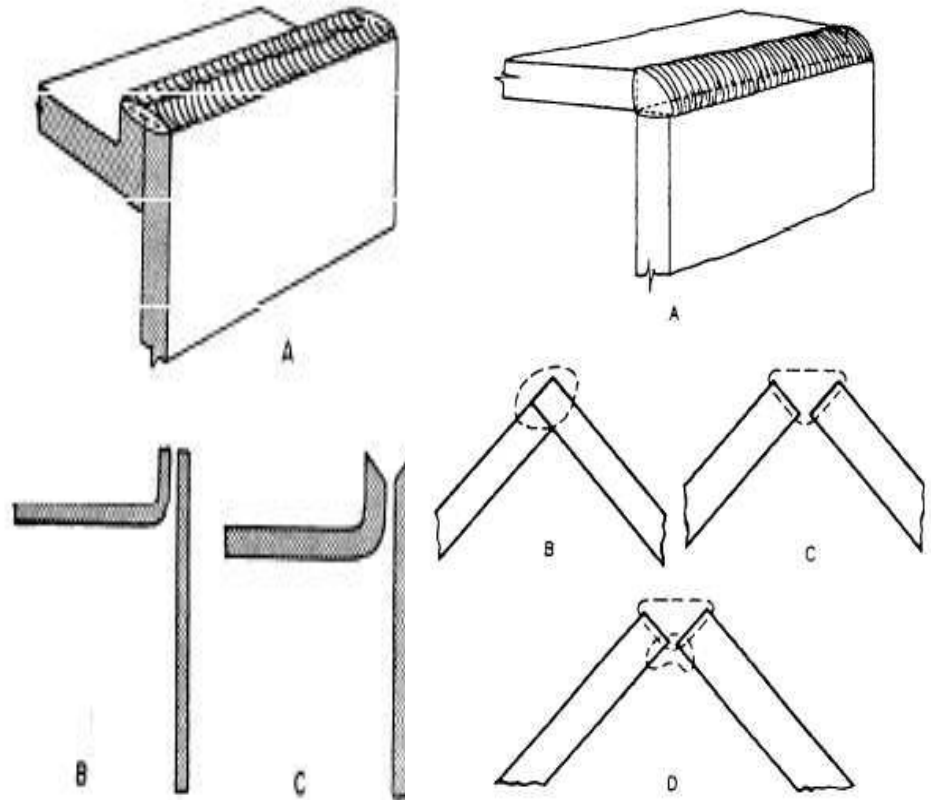


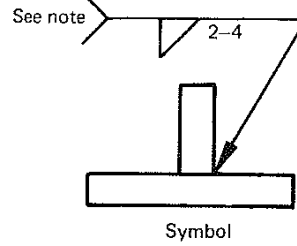
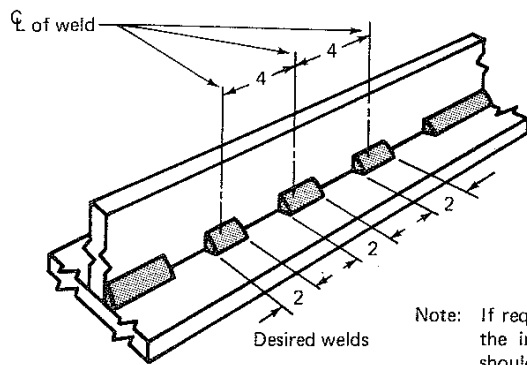
Symbol



Square	V	Bevel	U	J	Seam	Flange	
						Edge	Corner

Examples

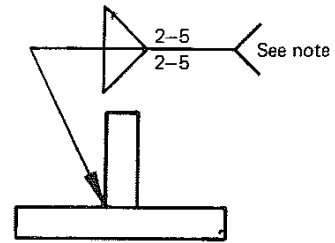
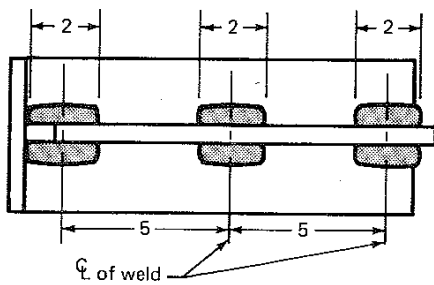




Symbol

Note: If required by actual length of the joint, the length of the increment of the welds at the end of the joint should be increased to terminate the weld at the end of the joint.

(A) Length and pitch of increments of intermittent welding

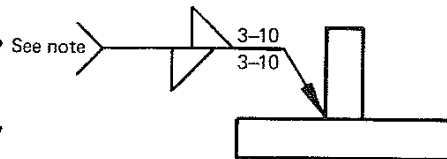
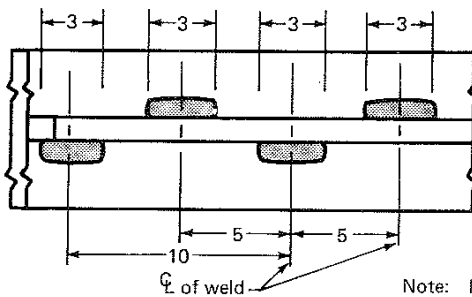


Symbol

Note: If required by actual length of the joint, the length of the increment of the welds at the end of the joint should be increased to terminate the weld at the end of the joint.

Desired welds

(B) Length and pitch of increments of chain intermittent welding



Symbol

Note: If required by actual length of the joint, the length of the increment of the welds at the end of the joint should be increased to terminate the weld at the end of the joint.

Desired welds

(C) Length and pitch of increments of staggered intermittent welding