

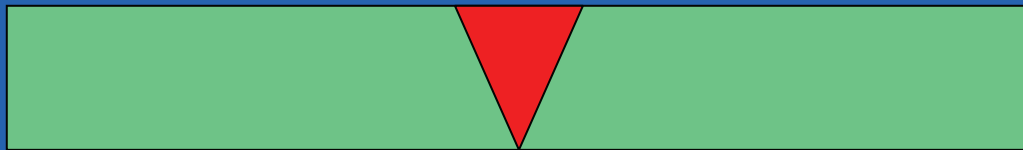
Welding Symbols (ISO 2553)

ELEMENTARY WELD SYMBOLS

Square Groove Weld

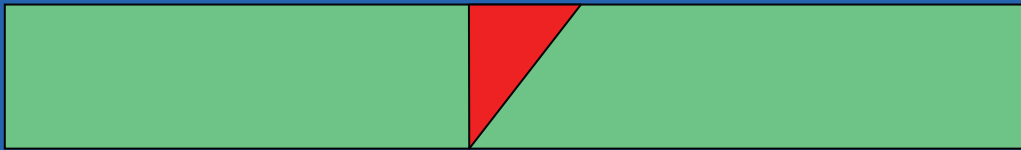


Single V Groove Weld



ELEMENTARY WELD SYMBOLS

Single Bevel Groove Weld



Single V Groove Weld with Broad Root Face

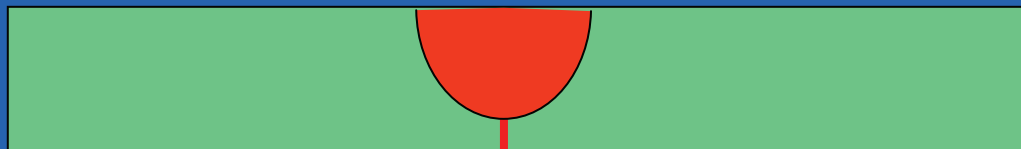


ELEMENTARY WELD SYMBOLS

Single Bevel Groove Weld with Broad Root Face



Single U Groove Weld

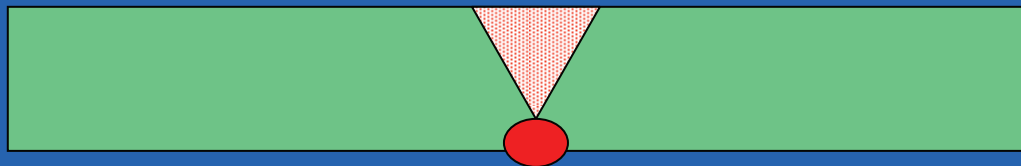


ELEMENTARY WELD SYMBOLS

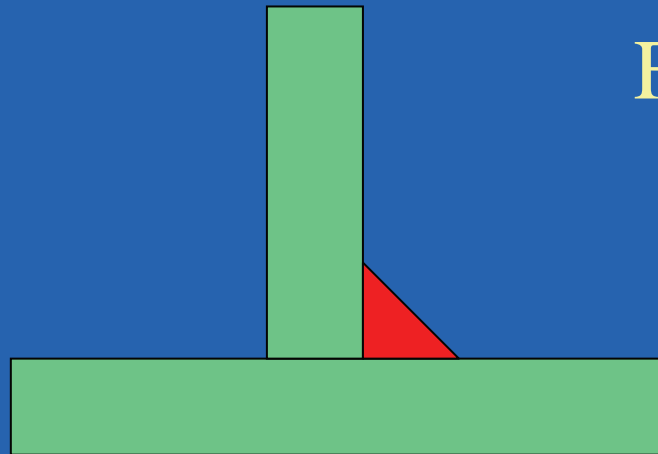
Single J Groove Weld



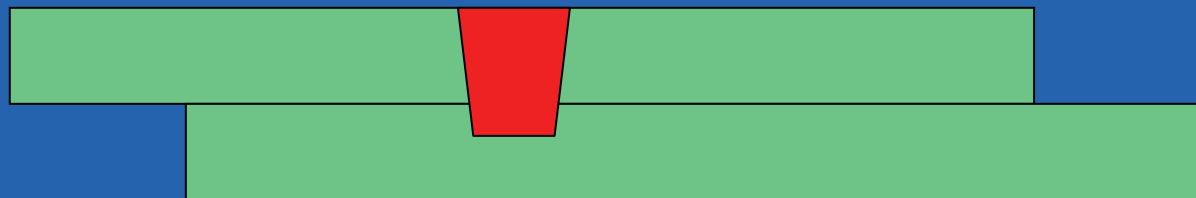
Backing Weld



ELEMENTARY WELD SYMBOLS



Fillet Weld

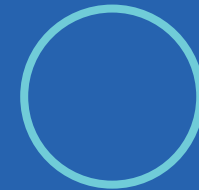
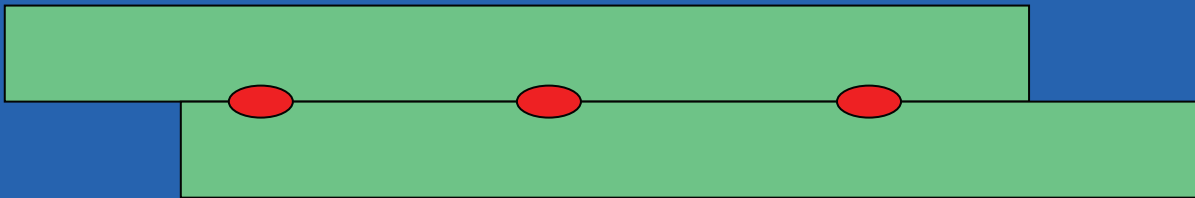


Plug / Slot Weld

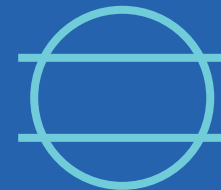
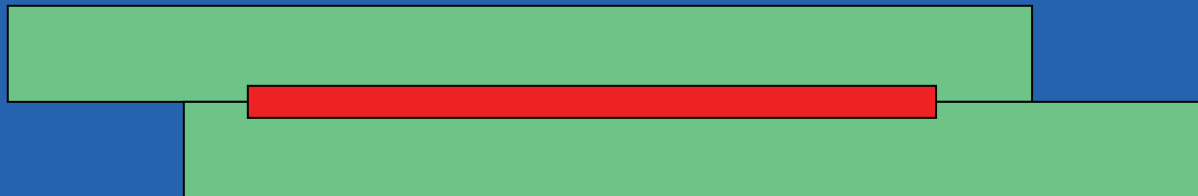


ELEMENTARY WELD SYMBOLS

Spot Weld



Seam Weld



ELEMENTARY WELD SYMBOLS

Edge Weld



Surfacing



SUPPLEMENTARY SYMBOLS

Weld Profile



Flat



Convex



Concave

SUPPLEMENTARY SYMBOLS



Toes blended
smoothly



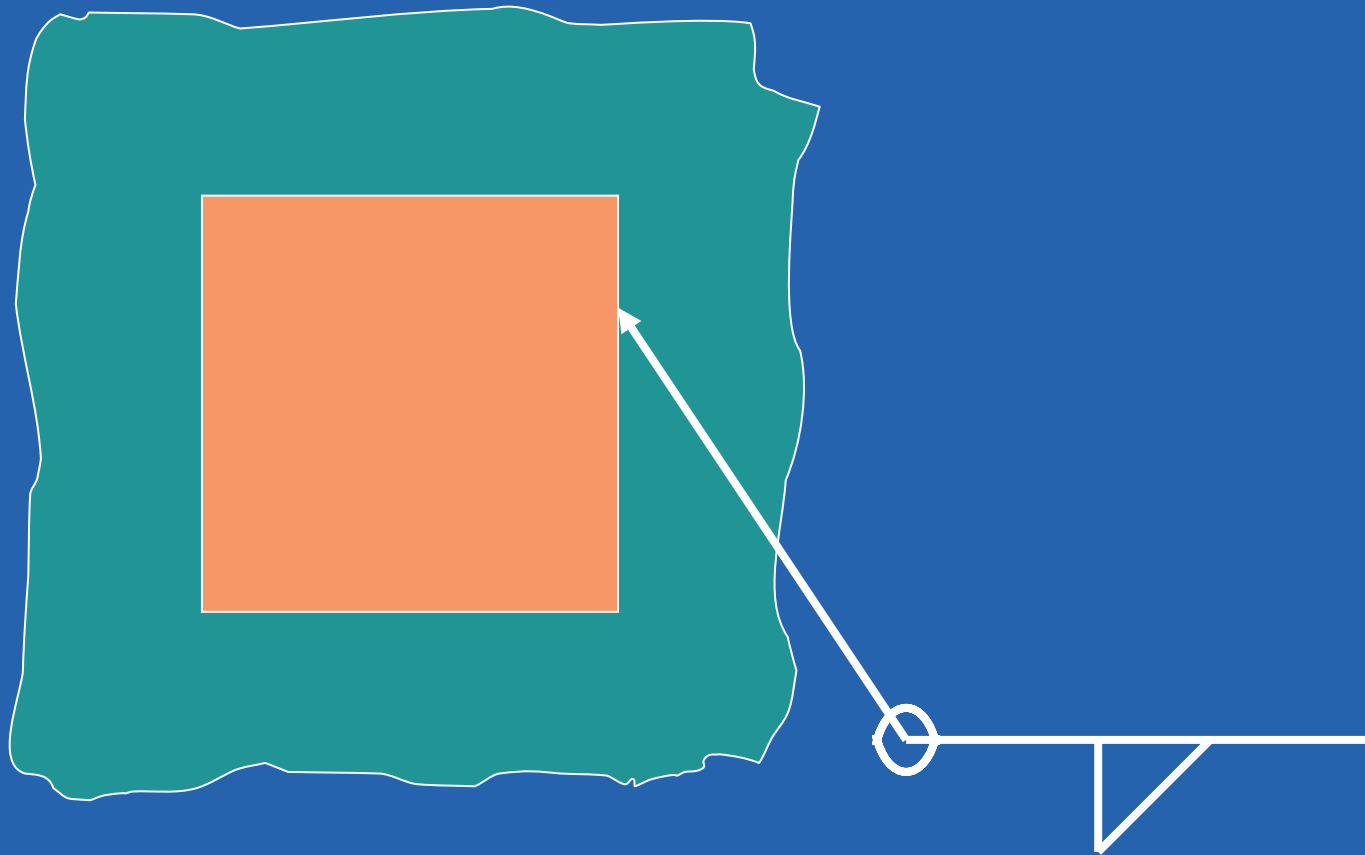
Permanent
Backing Strip



Removable
Backing Strip

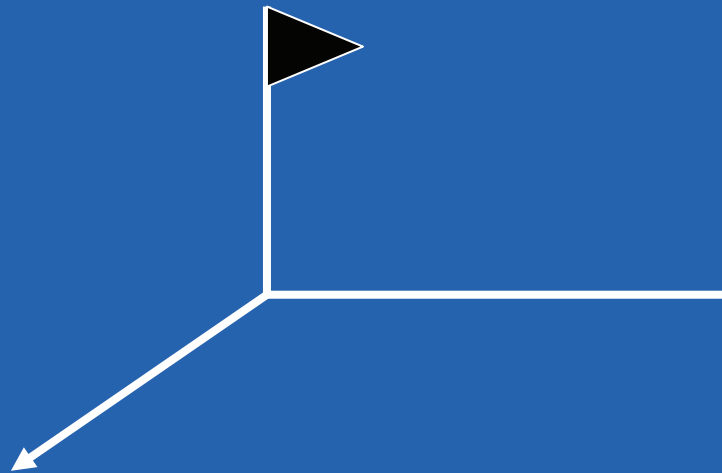
SUPPLEMENTARY SYMBOLS

Peripheral Welds



SUPPLEMENTARY SYMBOLS

Site welds



SUPPLEMENTARY SYMBOLS

Tail Optional)

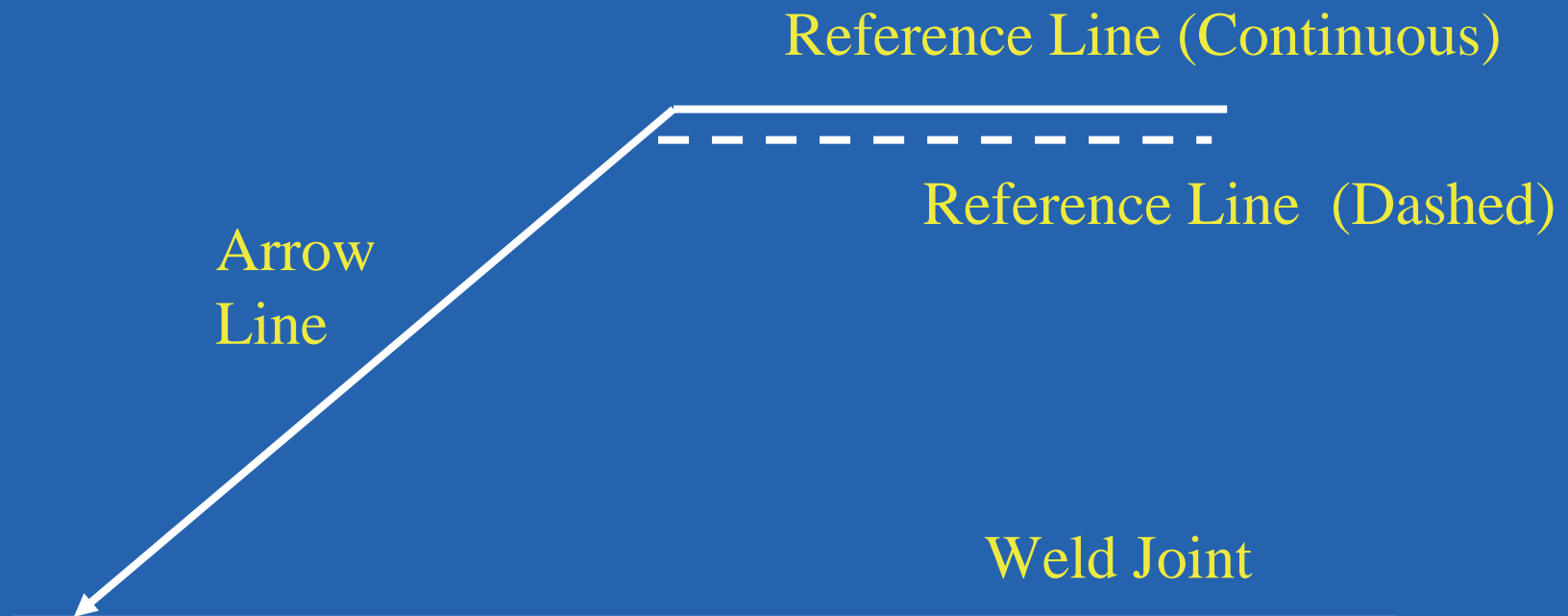


Sequence of Information in the Tail

- Process (as per ISO 4063)
- Acceptance Level (as per ISO 5817 or ISO 10042)
- Working Position (as per ISO 6947)
- Filler Materials (as per ISO 544 or ISO 2560 or ISO 3581)

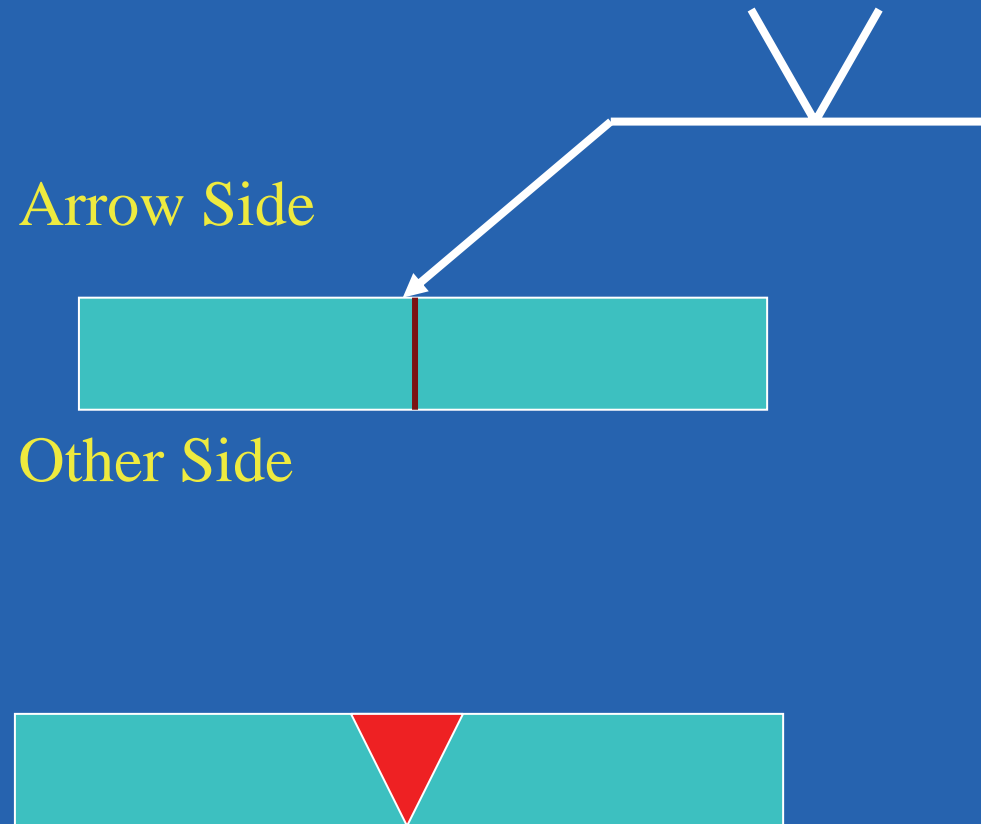
EXAMPLES OF APPLICATION

Method of representation



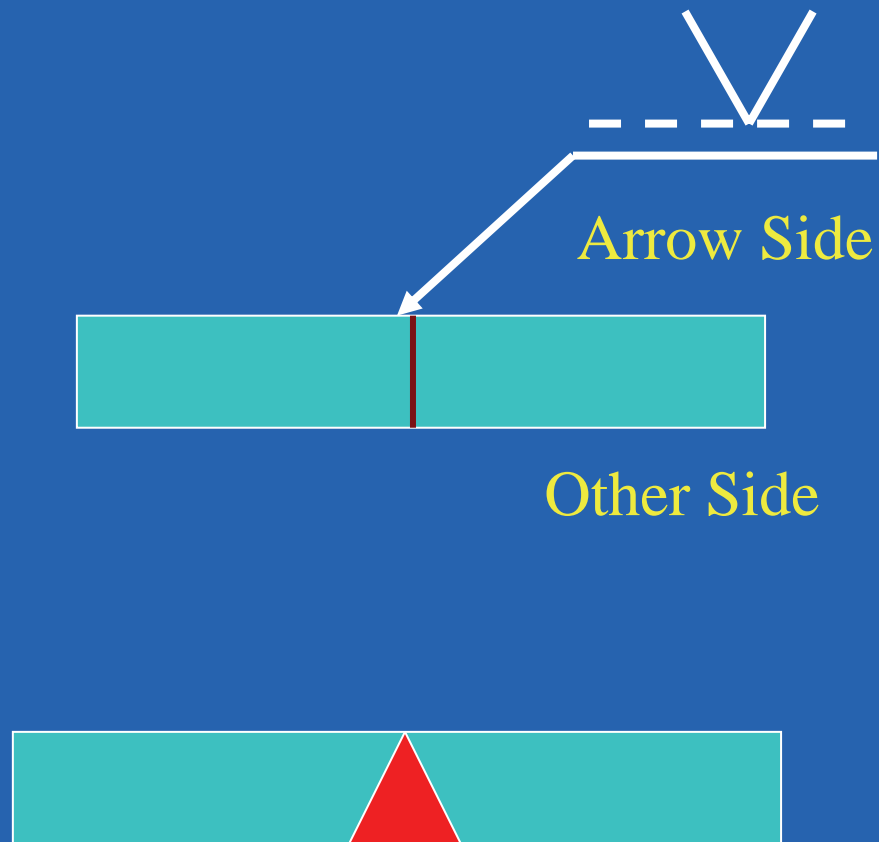
EXAMPLES OF APPLICATION

Welding on the Arrow Side



EXAMPLES OF APPLICATION

Welding on the Other Side



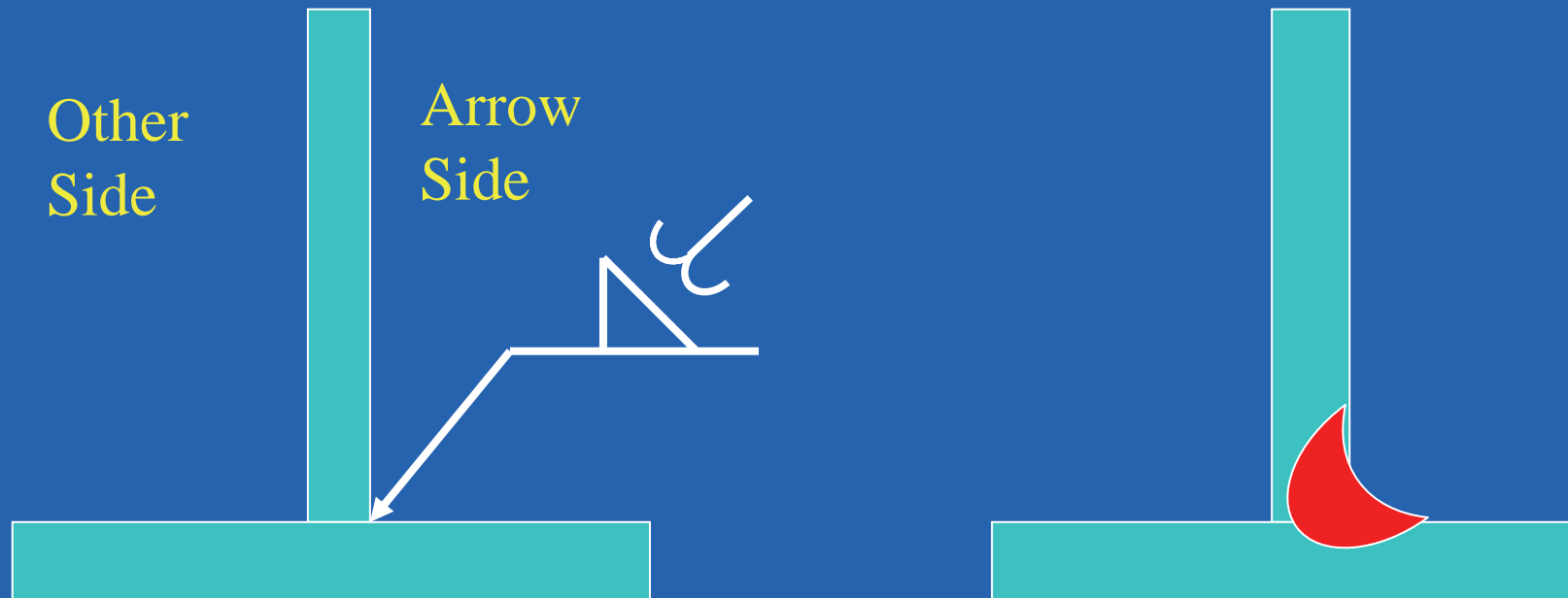
EXAMPLES OF APPLICATION

Welding on the Other Side



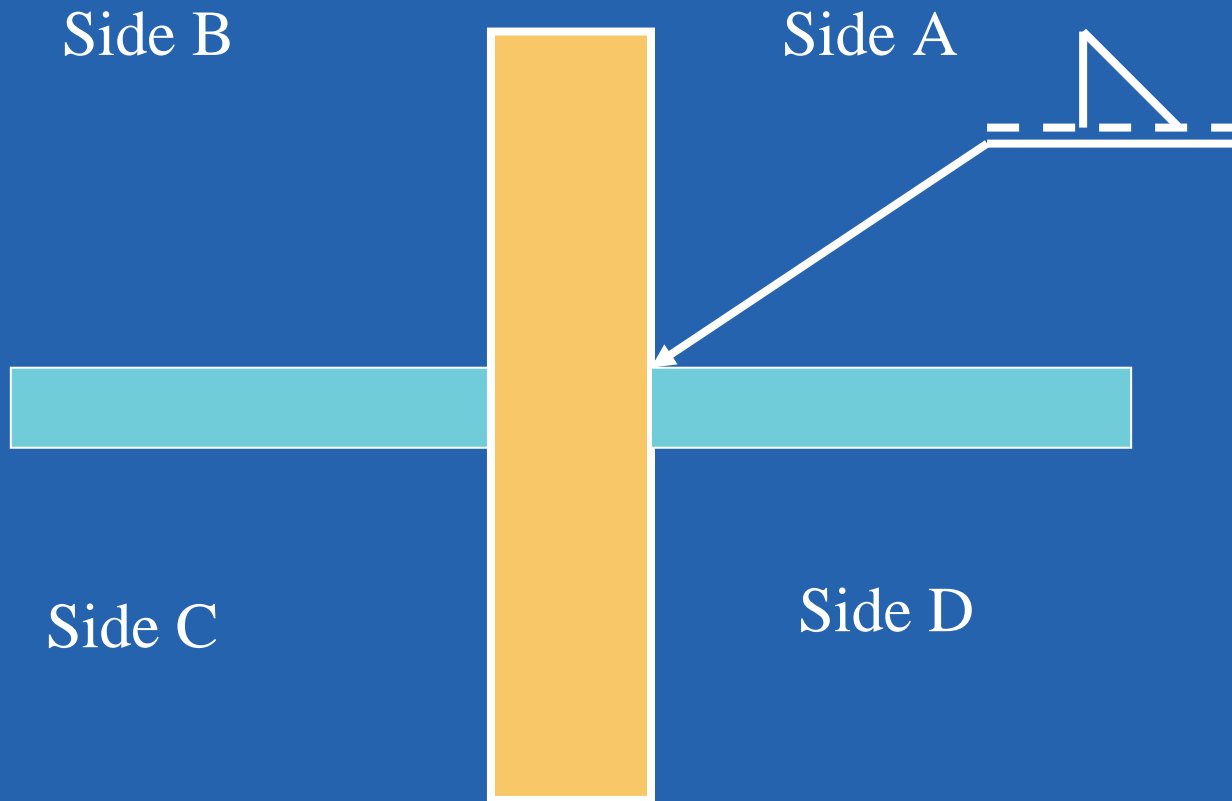
EXAMPLES OF APPLICATION

Welding on the Arrow Side



EXAMPLES OF APPLICATION

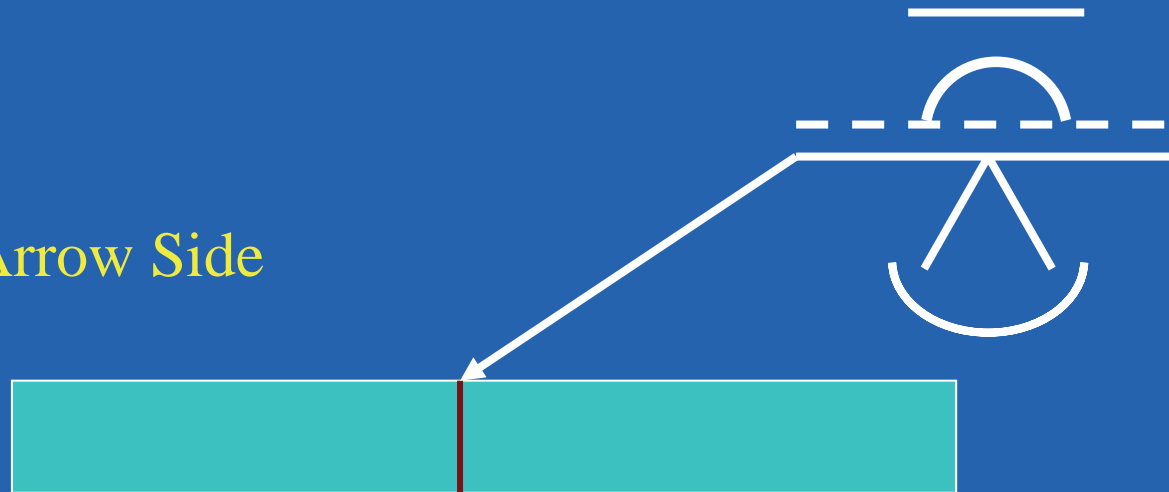
Which is the Other Side in this case?



EXAMPLES OF APPLICATION

Welding on both Sides

Arrow Side

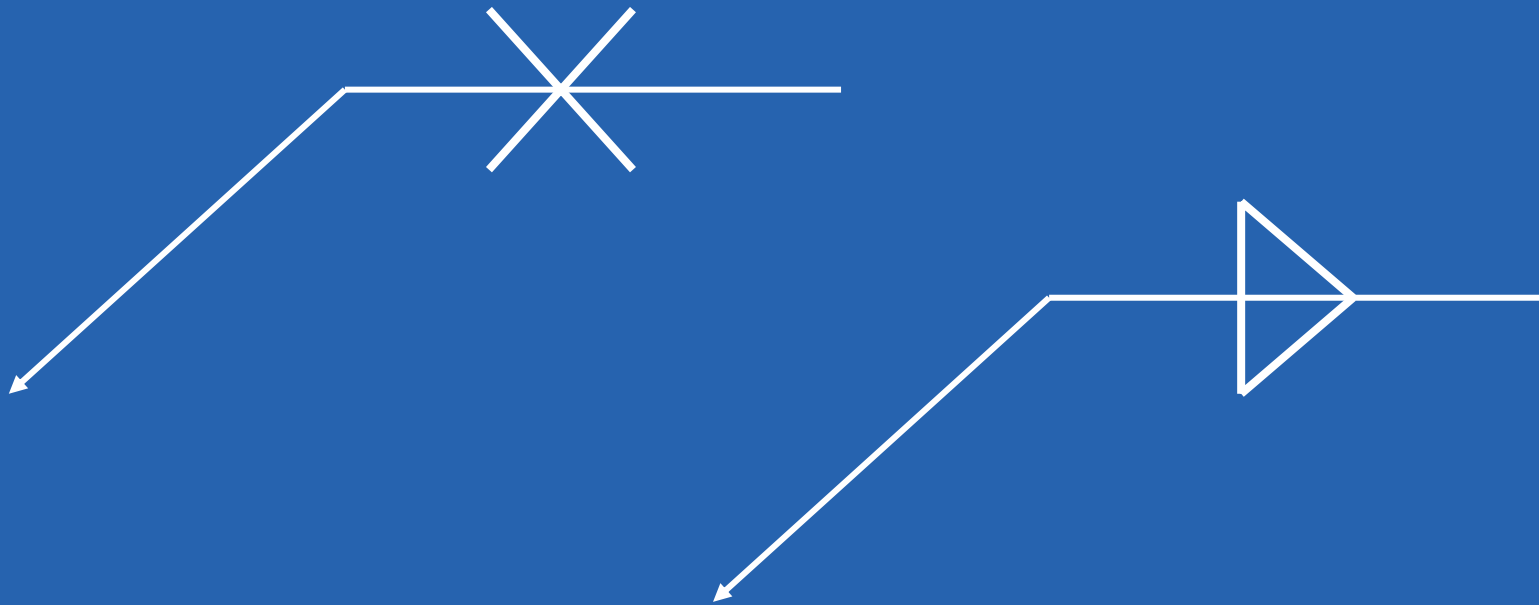


Other Side



EXAMPLES OF APPLICATION

Symmetric Welding on both Sides



EXAMPLES OF APPLICATION

Pointing of Arrows for Bevel and J Joints

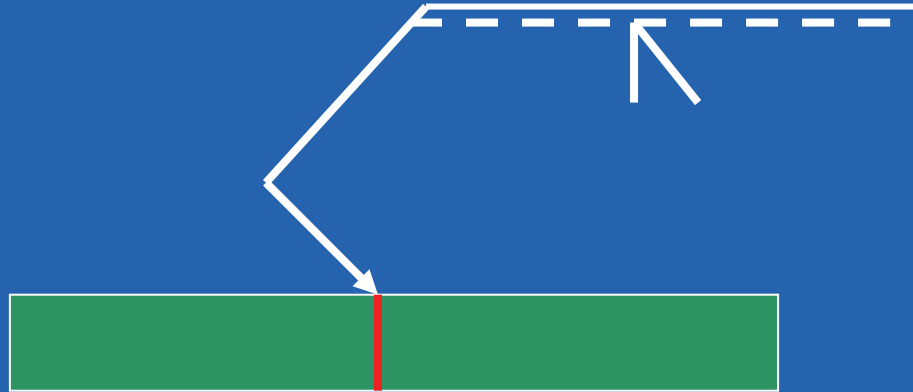


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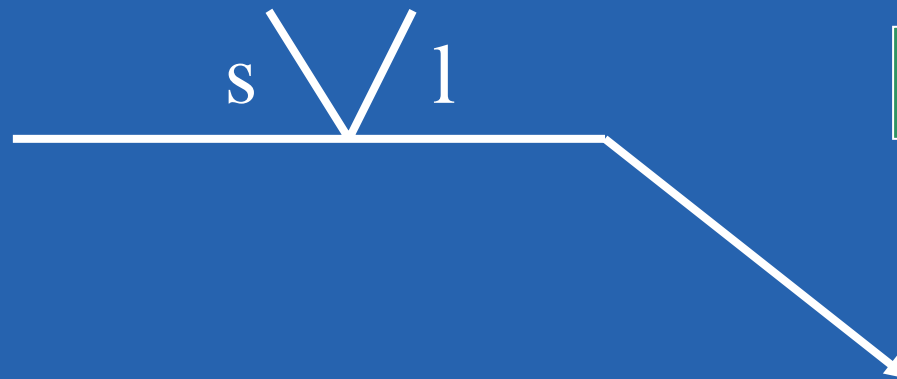
EXAMPLES OF APPLICATION

Pointing of Arrows for Bevel and J Joints



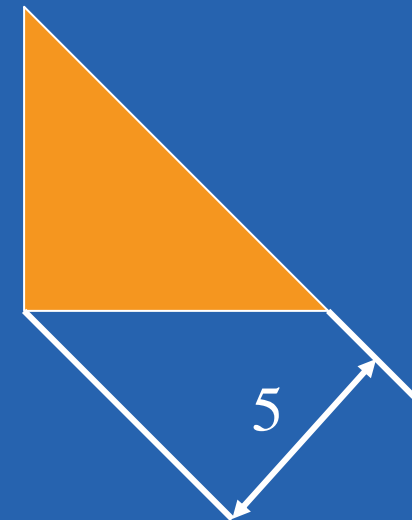
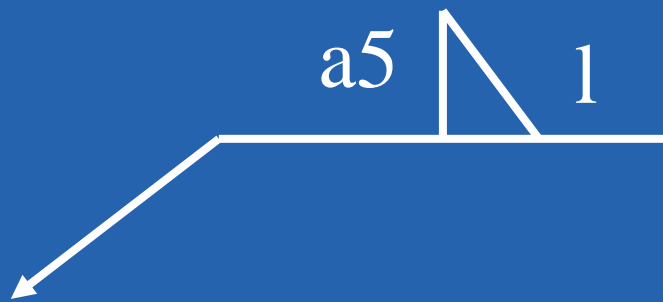
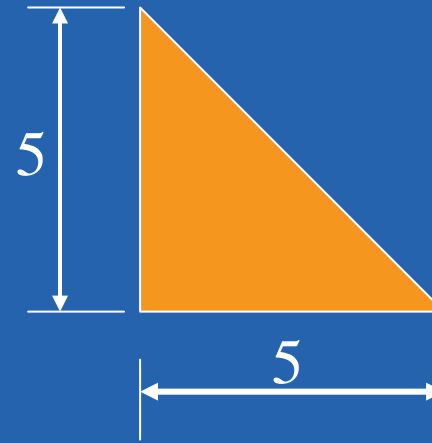
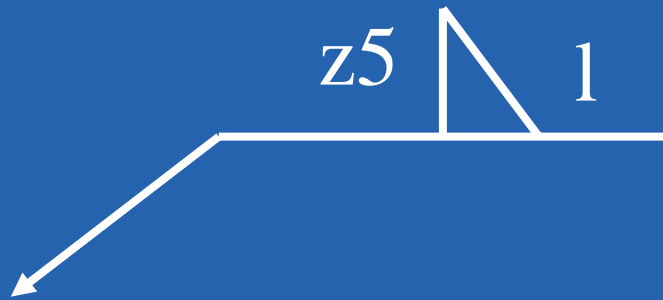
DIMENSIONING OF WELDS

Butt Joints



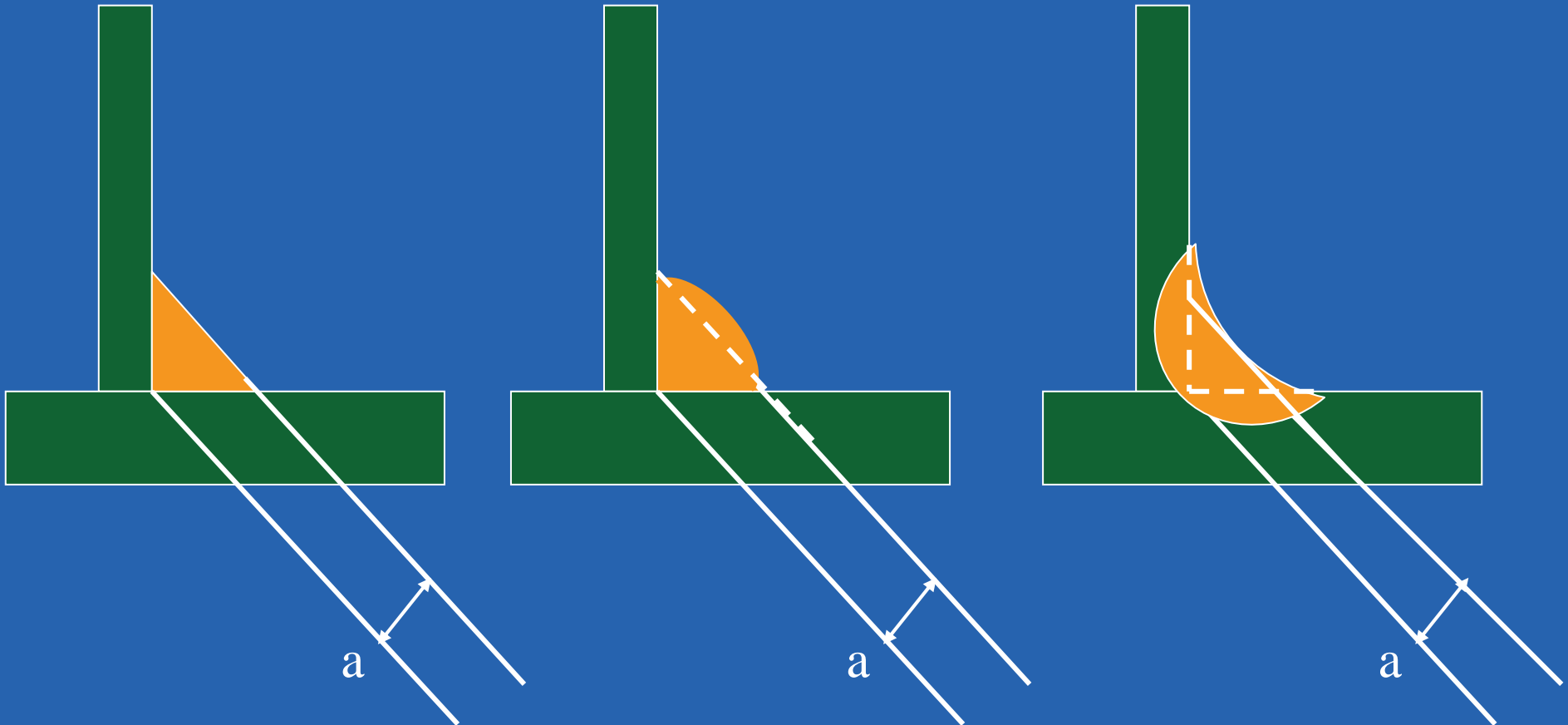
DIMENSIONING OF WELDS

Fillet Welds



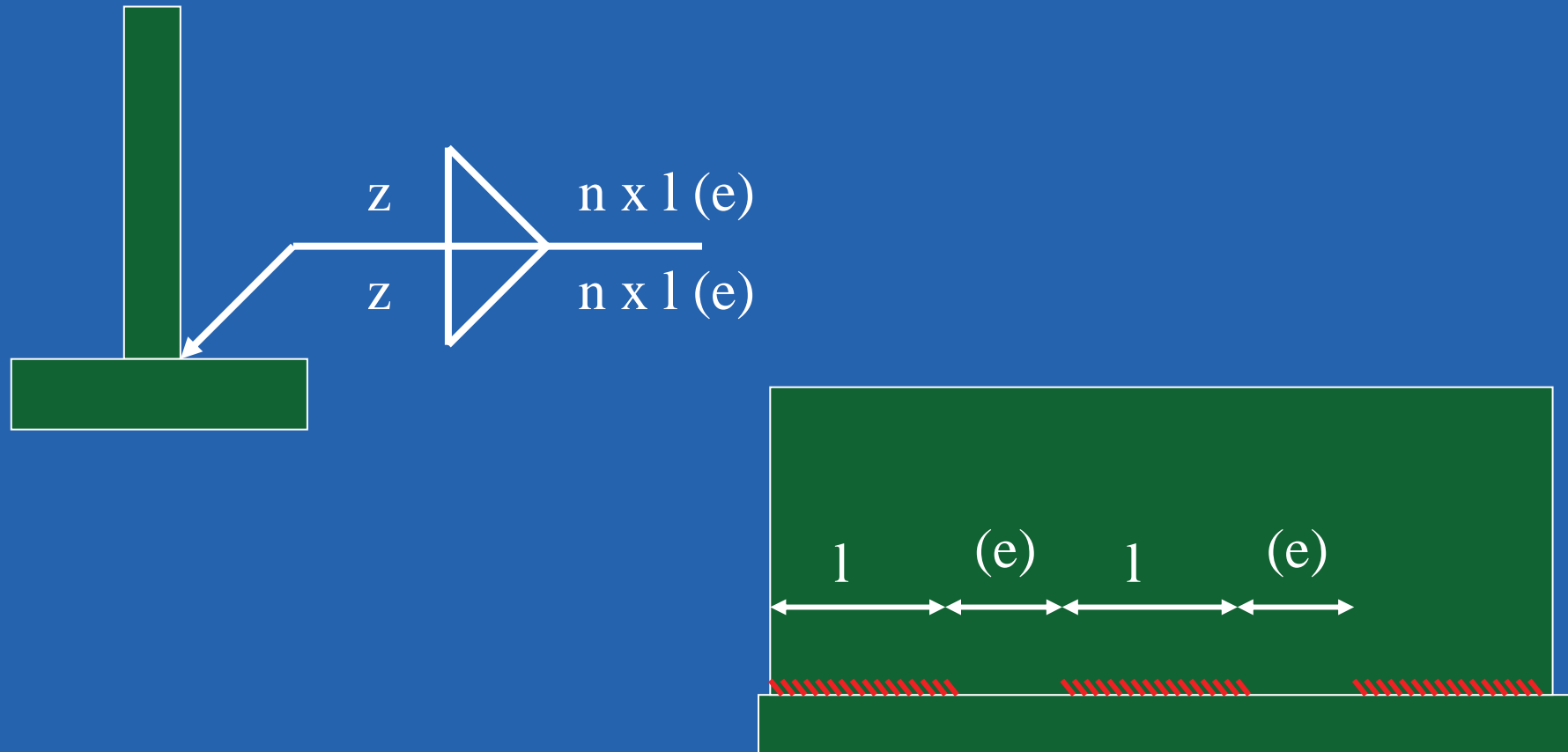
DIMENSIONING OF WELDS

Fillet Welds



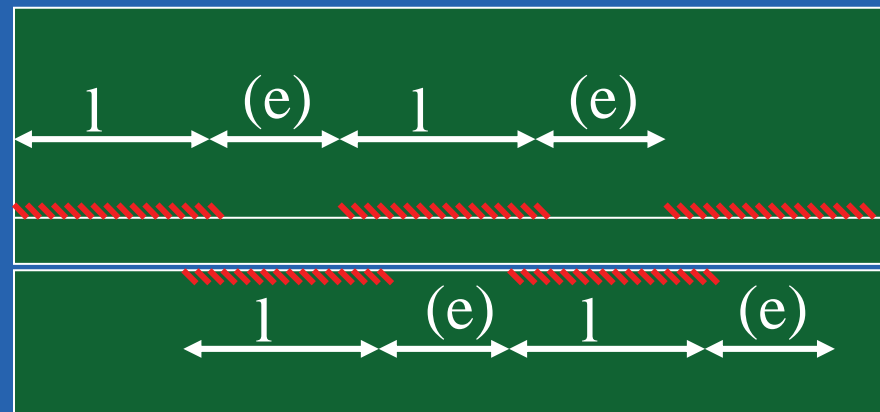
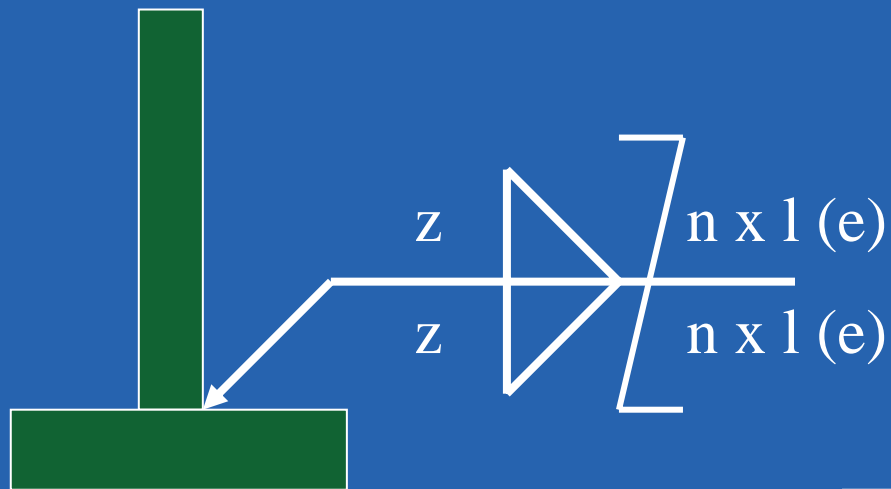
DIMENSIONING OF WELDS

Intermittent Fillet Welds



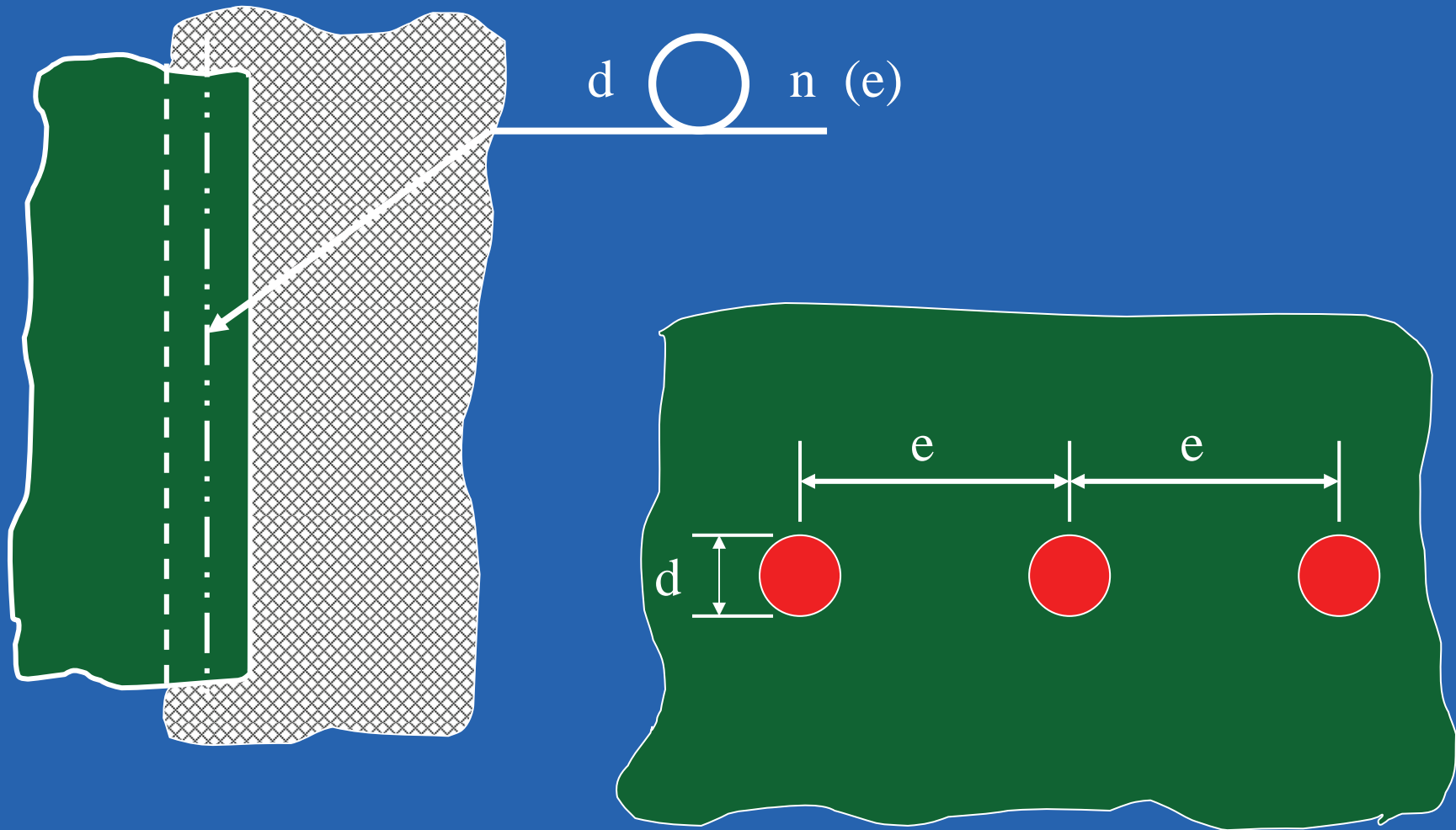
DIMENSIONING OF WELDS

Staggered Intermittent Fillet Welds



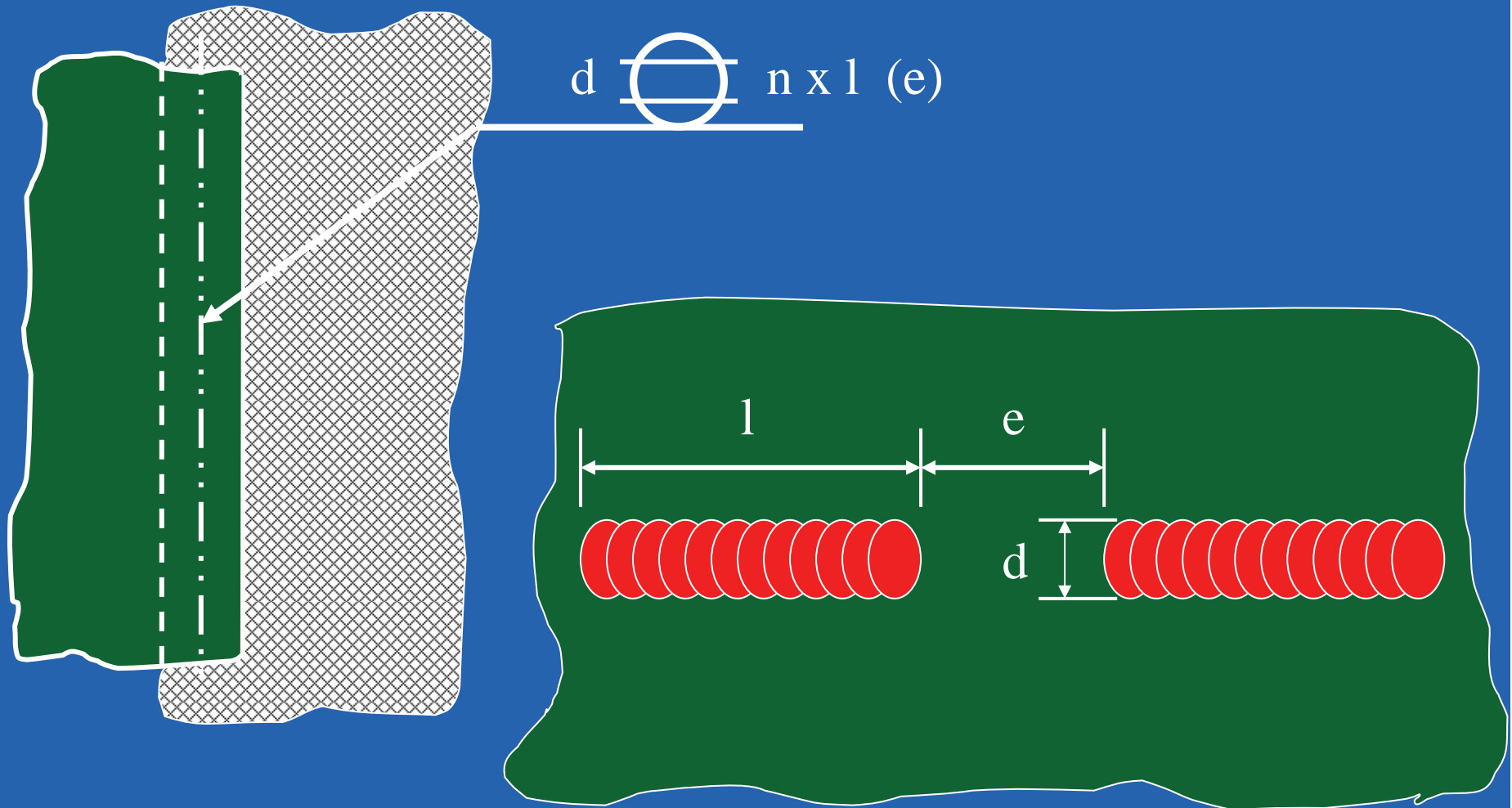
DIMENSIONING OF WELDS

Spot Weld



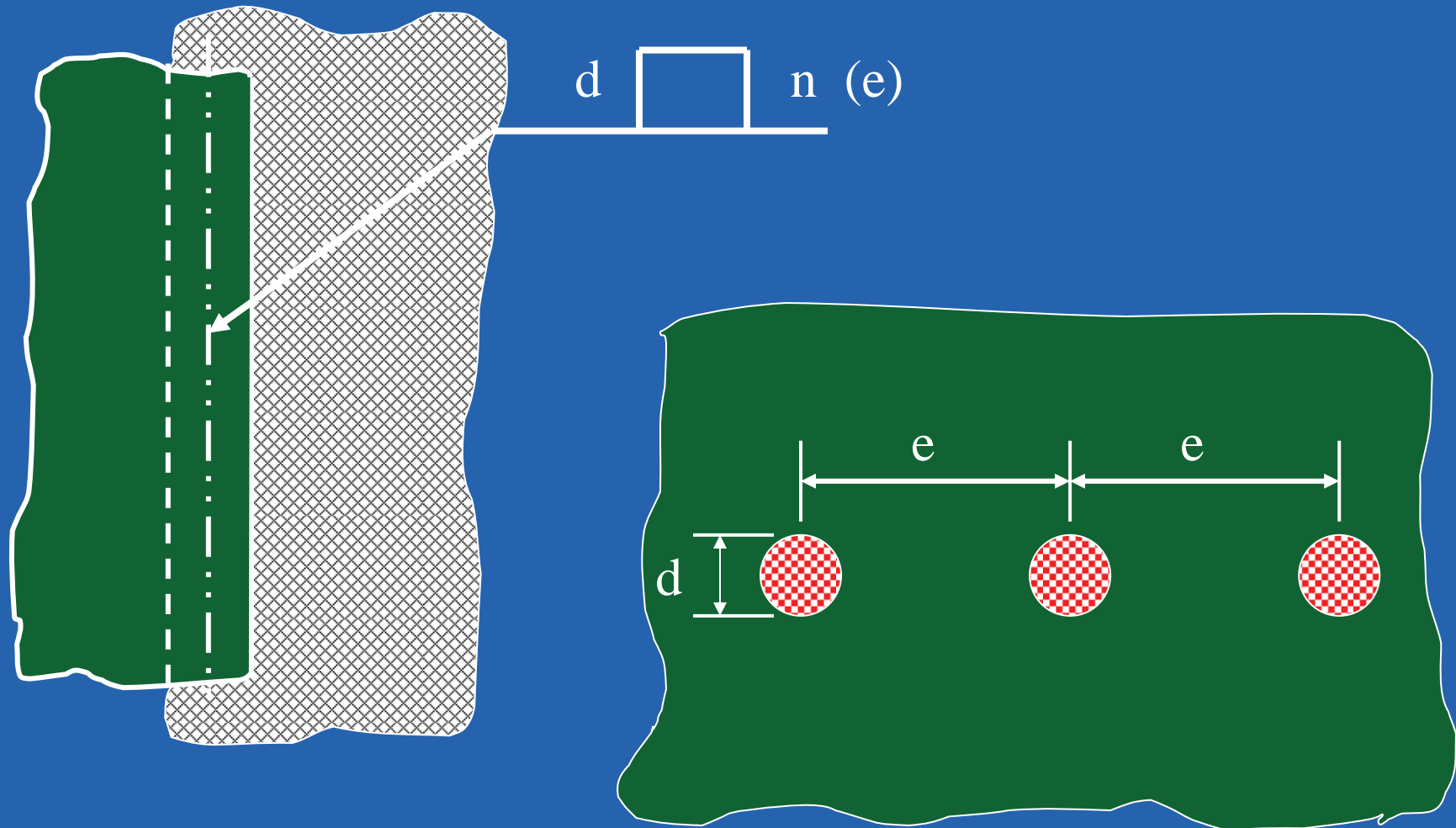
DIMENSIONING OF WELDS

Seam Weld



DIMENSIONING OF WELDS

Plug Weld



DIMENSIONING OF WELDS

Slot Weld

