
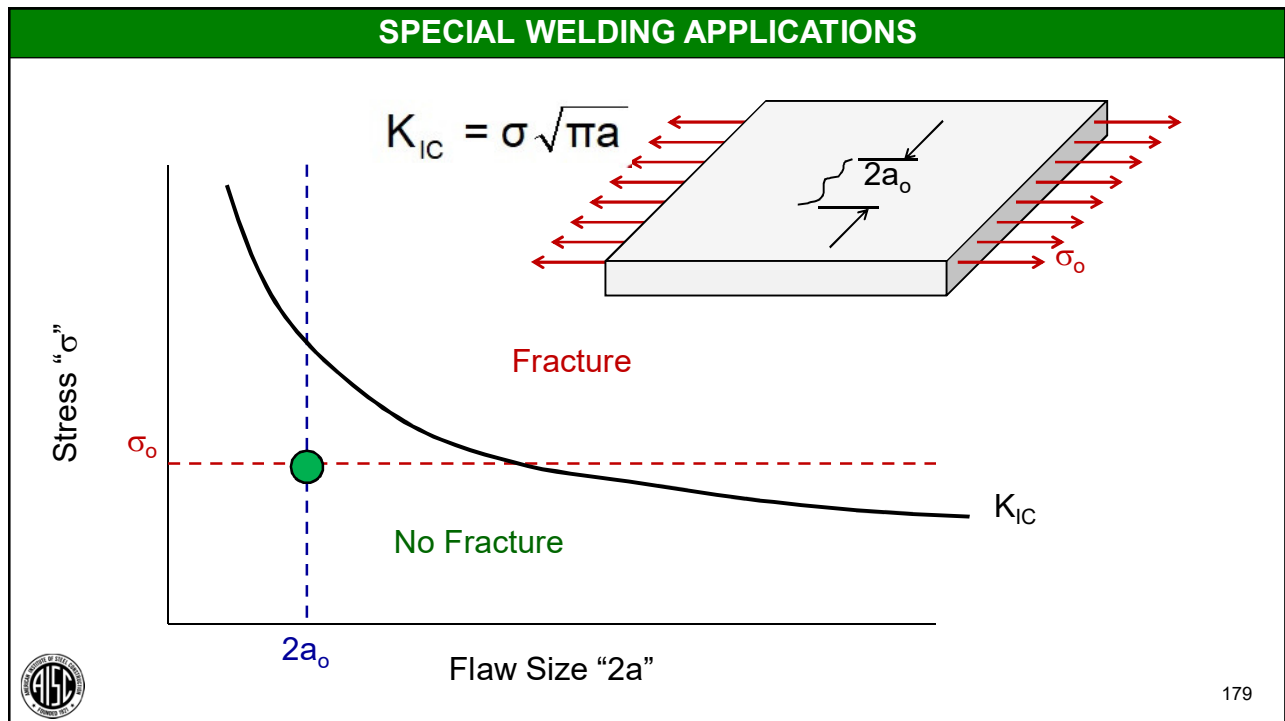


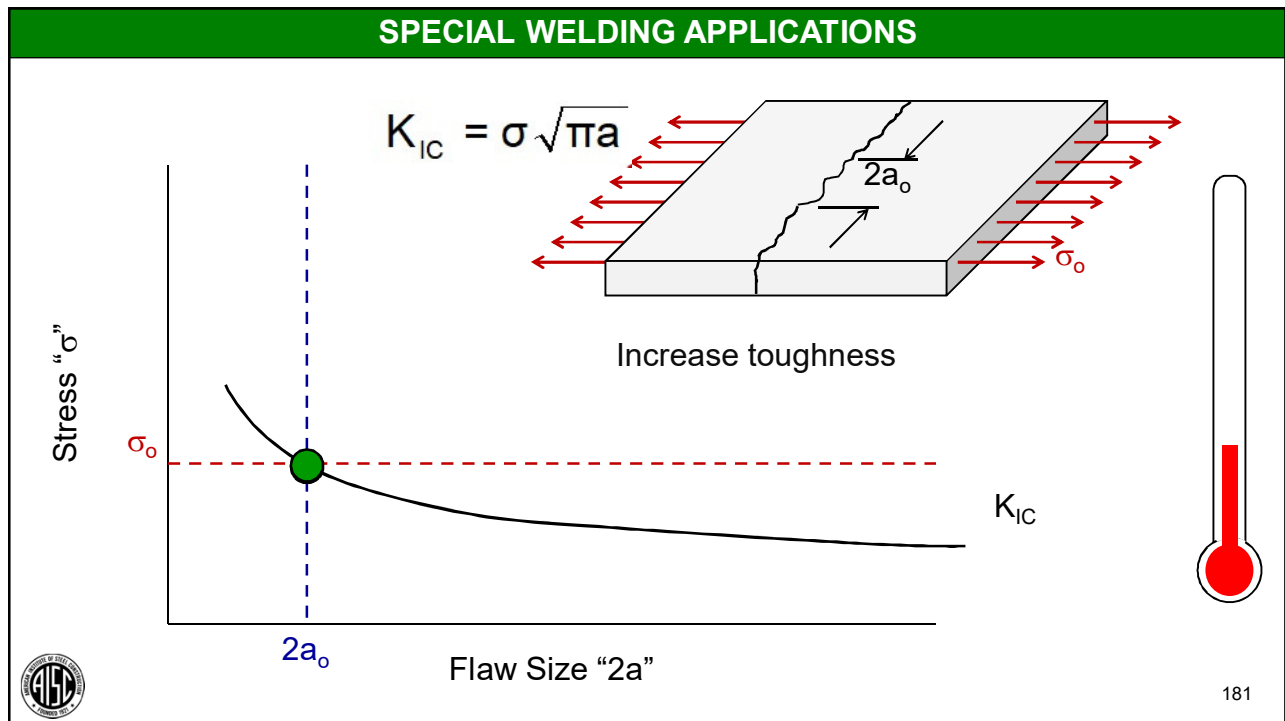
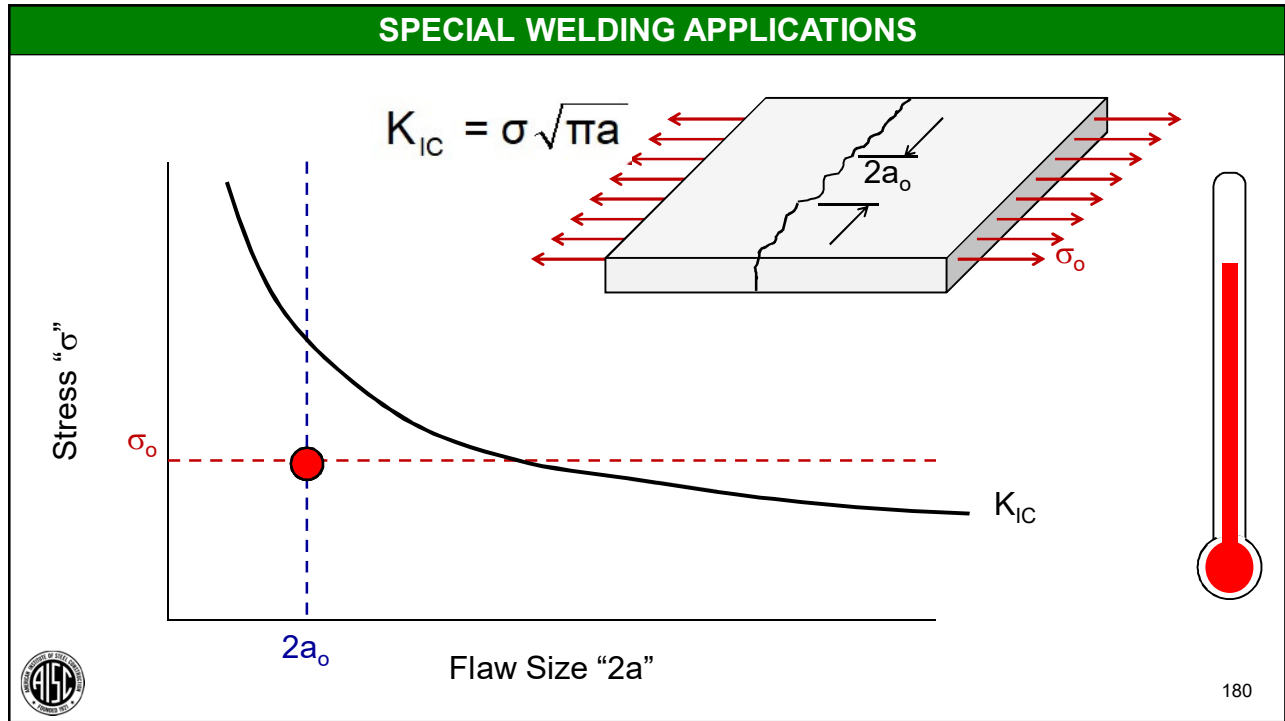
SPECIAL WELDING APPLICATIONS

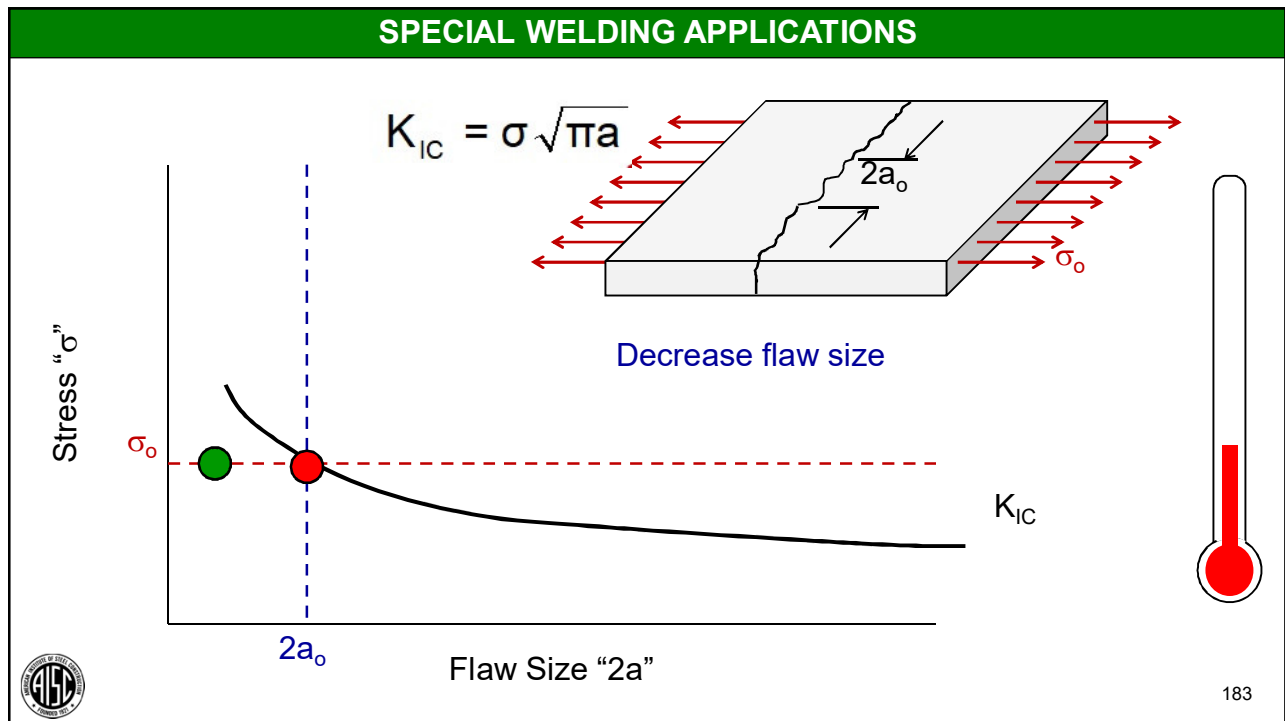
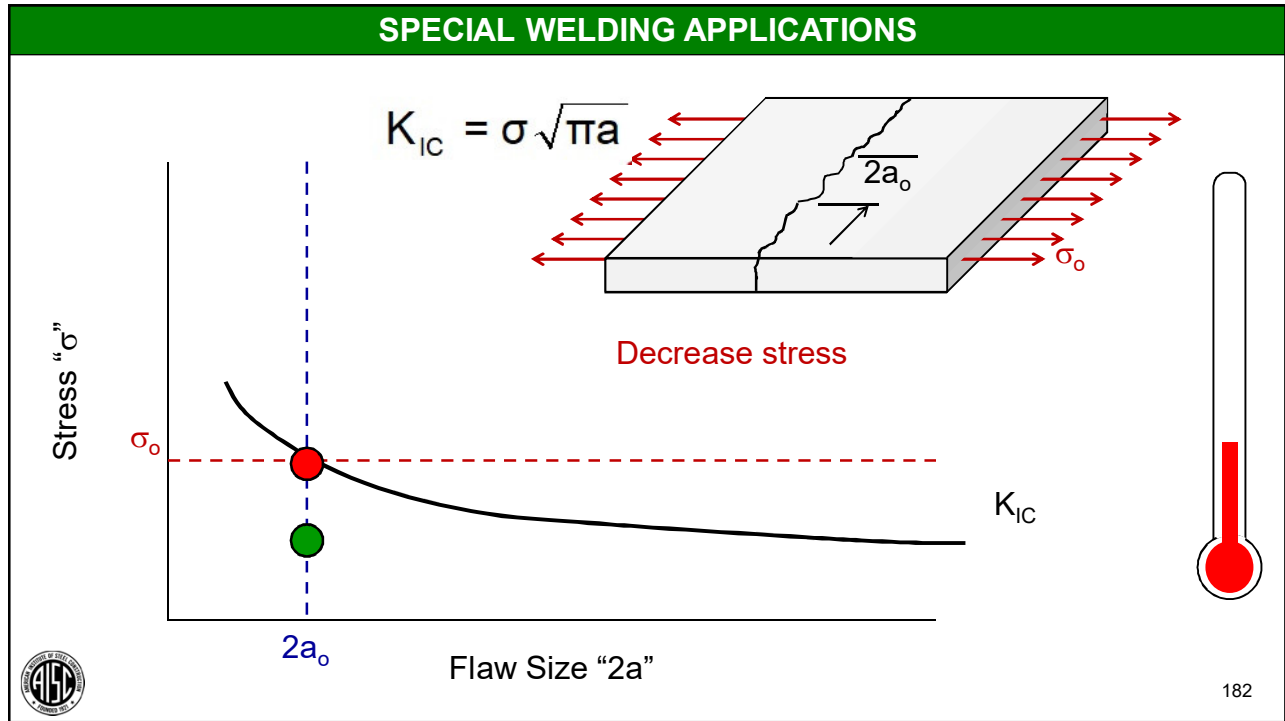
An infinite number of **correct** answers.

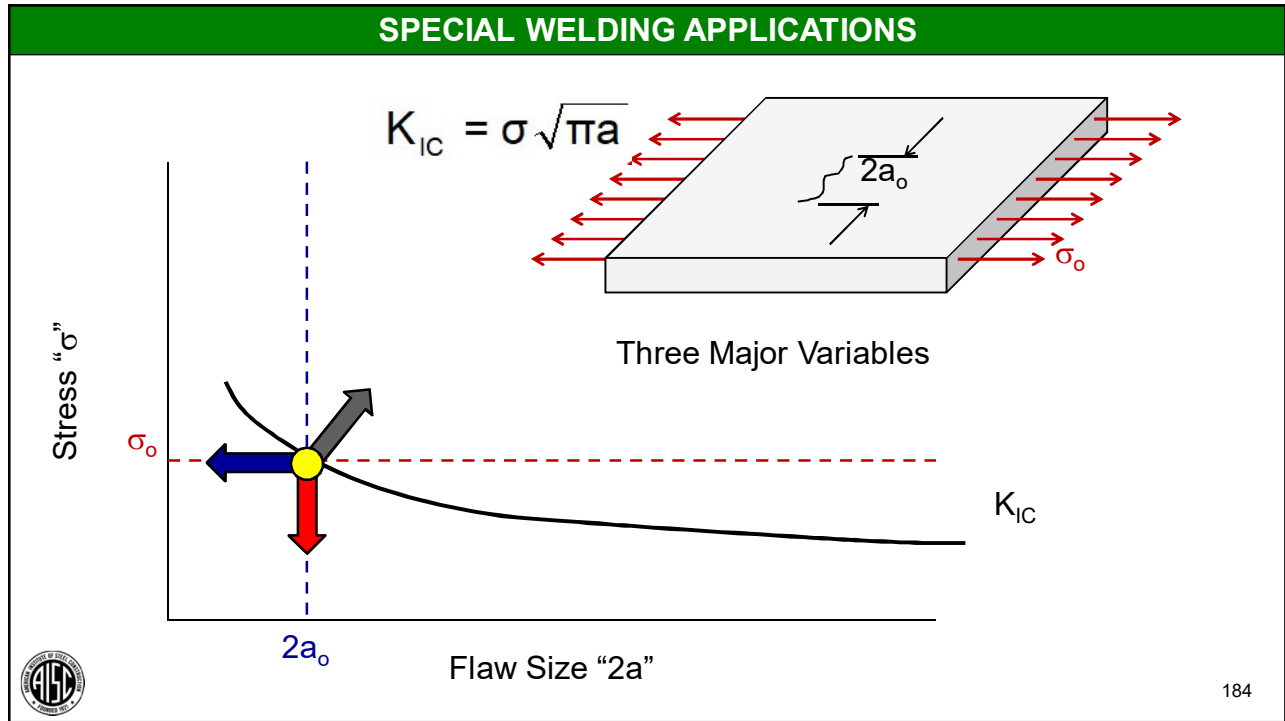
An infinite number of **incorrect** answers.


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AISC 360-16 Specification for Structural Steel Buildings




Commentary A3. MATERIAL

1a. ASTM Designations

“For especially demanding service conditions such as structures **exposed to low temperatures**, particularly those with impact loading, the specification of **steels with superior notch toughness may be warranted.**”


 $K_C > \sigma \sqrt{\pi a}$



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AISC 360-16 Specification for Structural Steel Buildings




Commentary A3. MATERIAL

1a. ASTM Designations

“Good workmanship and good design details incorporating joint geometry that avoids severe stress concentrations are generally the most effective means of providing fracture-resistant construction.”



$$K_c > \sigma \sqrt{\pi a}$$


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