

#VK-1

STANDARD VISUAL KIT

THE VISUAL KIT CONTAINS:

7 Plates & 3 Tees / Carbon Steel

Each specimen contains 2 "REAL FLAWS," randomly placed.

Kit Specifications: 10 Specimens

(7) Plates: 0.25"T x 4" x 8"

(3) Tee: 0.25"T x 4" x 8" x 4"

Flaws: 2 each specimen, for total of 20

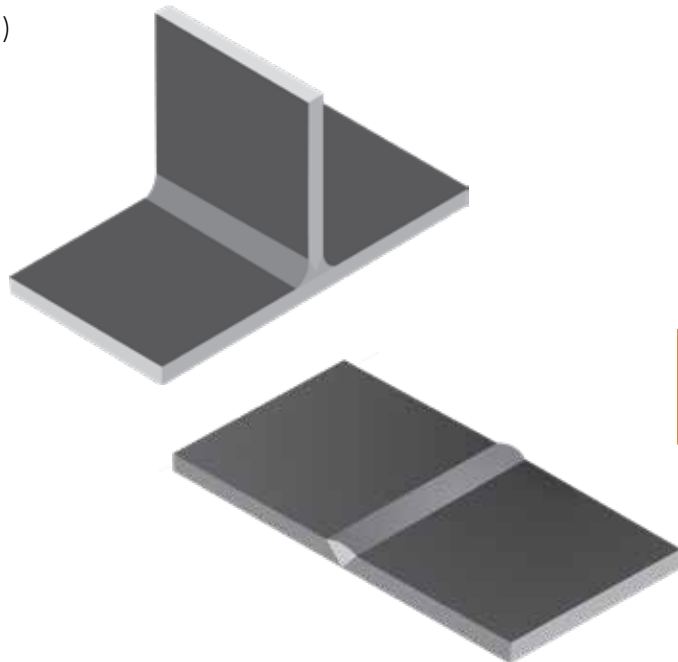
Specimens are packaged in a FREE CARRYING CASE (6" x 16" x 20"). Complete with Document Package with "Flaw Truth" documented by CAD drawings with a Standard Tolerance of (+ / -) 0.150" (4mm), Certificate of Conformance & Test Sheets.

The Standard Visual Examination Kit contains 20 flaws similar to those shown in the cross section drawings below.



Flaws Included:

- 20 - Crater Crack SV (surface stop-start area)
- 32 - Porosity SV (surface breaking)
- 33 - Porosity fillet (surface breaking)
- 56 - Incomplete Root Penetration SV
- 59 - Incomplete Groove Weld (crown area)
- 70 - Root Concavity SV
- 71 - Excess Root Penetration SV
- 72 - Misalignment Root & Crown SV
- 73 - Uneven Leg Length Fillet
- 74 - Excess Crown SV
- 75 - Excess Crown Fillet
- 76 - Concave Crown SV
- 77 - Concave Crown Fillet
- 78 - Undercut SV
- 79 - Undercut Fillet
- 80 - Overlap Fillet
- 90 - Weld Splatter SV
- 91 - Weld Splatter on Filler



See Pages 3-5 for Cross Section Views

Shipping Weight 65 lbs