## STANDARD MAGNETIC PARTICLE/ LIQUID PENETRANT KIT

THE MT/PT KIT CONTAINS: 8 plates & 2 Tees / Carbon Steel

**#MK-1** 

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

Kit Specifications: 10 specimens

- (8) Plates: 0.25"T x 4" x 8"
- (2) Tee: 0.25"T x 4" x 8" x 4"

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, and Test Sheets.

The Standard MT/PT Kit contains 20 "real" flaws similar to those shown in the cross section drawings below.

## Optional PT Kit with STAINLESS SPECIMENS

Flaws Included:

- 10 Toe Crack SV
- 11 Toe Crack Fillet
- 12 Root Crack in SV
- 14 Centerline Crack SV (surface breaking)
- 16 Circumferential Crack SV (flush crown)
- 17 Transverse Crack in SV (flush crown)
- 18 Base Metal Crack SV (top HAZ area)
- 19 Base Metal Crack SV (bottom HAZ area)
- 20 Crater Crack SV (surface stop-start area)
- 32 Porosity SV (surface breaking)
- 33 Porosity fillet (surface breaking)
- 51 Lamination Weld Prep
- 53 Lack of Fusion SV (surface breaking at crown)
- 54 Lack of Fusion SV (surface breaking at root)
- 55 Lack of Fusion SV (surface breaking at root)
- 80 Overlap Fillet

See Pages 3-5 for Cross Section Views Shipping Weight 35 lbs

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