

# #MK-1

# STANDARD MAGNETIC PARTICLE/ LIQUID PENETRANT KIT

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

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

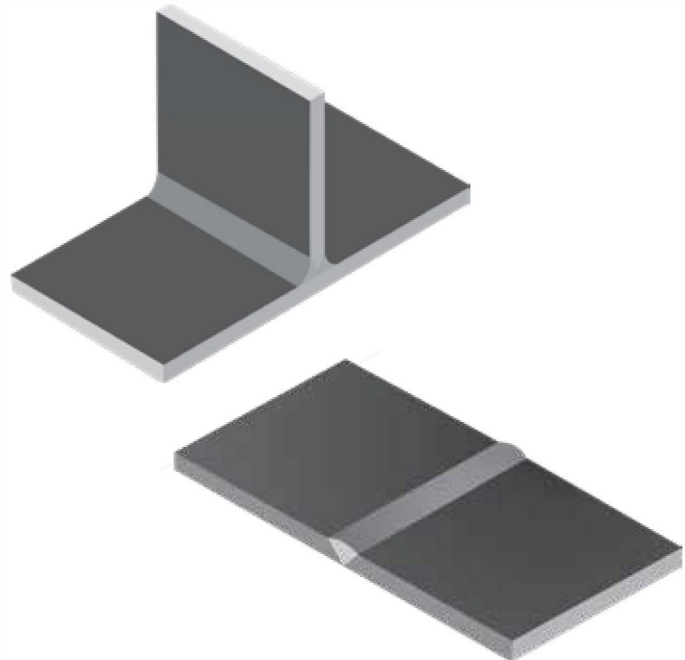


Flaws Included:

- 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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