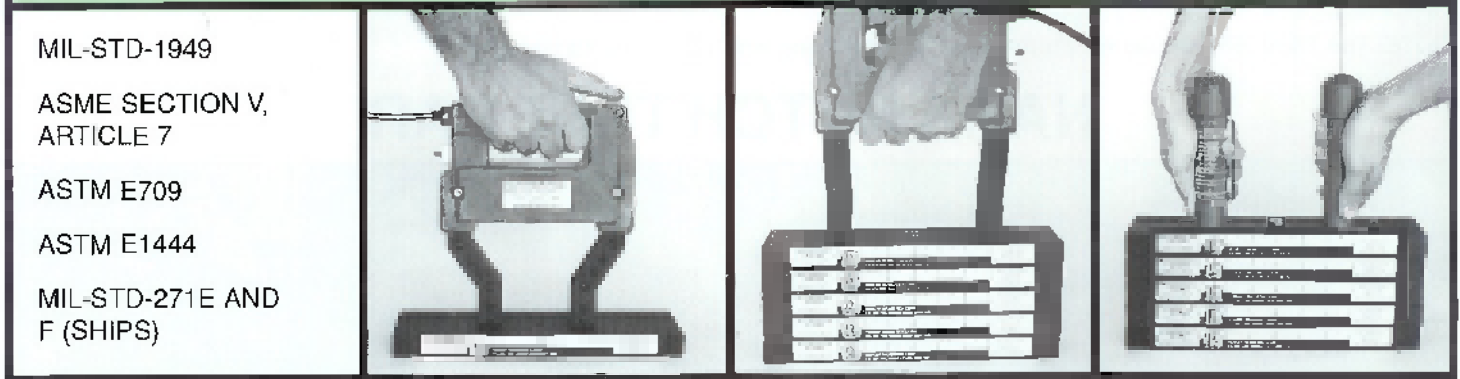
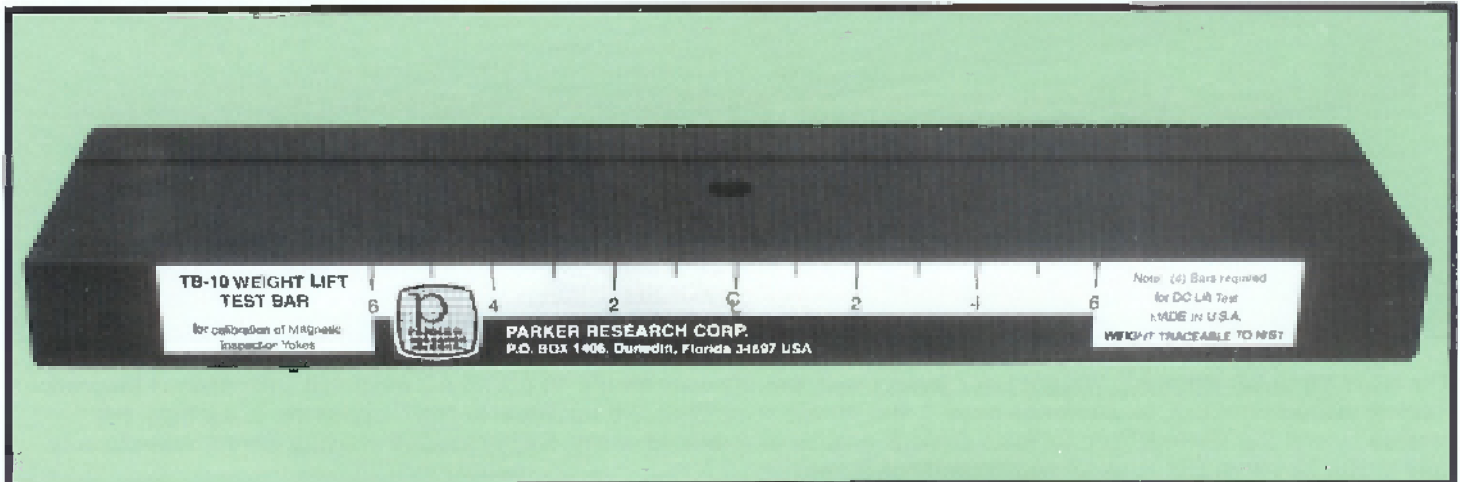


TB-10 (10-POUND) WEIGHT LIFT TEST BARS



MIL-STD-1949

ASME SECTION V,
ARTICLE 7

ASTM E709

ASTM E1444

MIL-STD-271E AND
F (SHIPS)

SPECIFICATIONS

AC TEST

DC TEST

PERM. MAGNET TEST

The TB-10 Magnetic Weight Lift Test Bar provides for the calibration and certification of Magnetic Particle Inspection Yokes to the following specifications. Bar weight is stamped on each bar and is traceable to NIST.

INSTRUCTIONS: Place Yoke legs on the test bar at the recommended spacing. In the AC mode, energize Yoke and lift the test bar (10 pounds). For the DC lift test, (30 to 50 pounds) 3 to 5 test bars must be bolted together through the hole located in the center of each bar. With the Yoke set in the DC mode follow the procedure as described above.

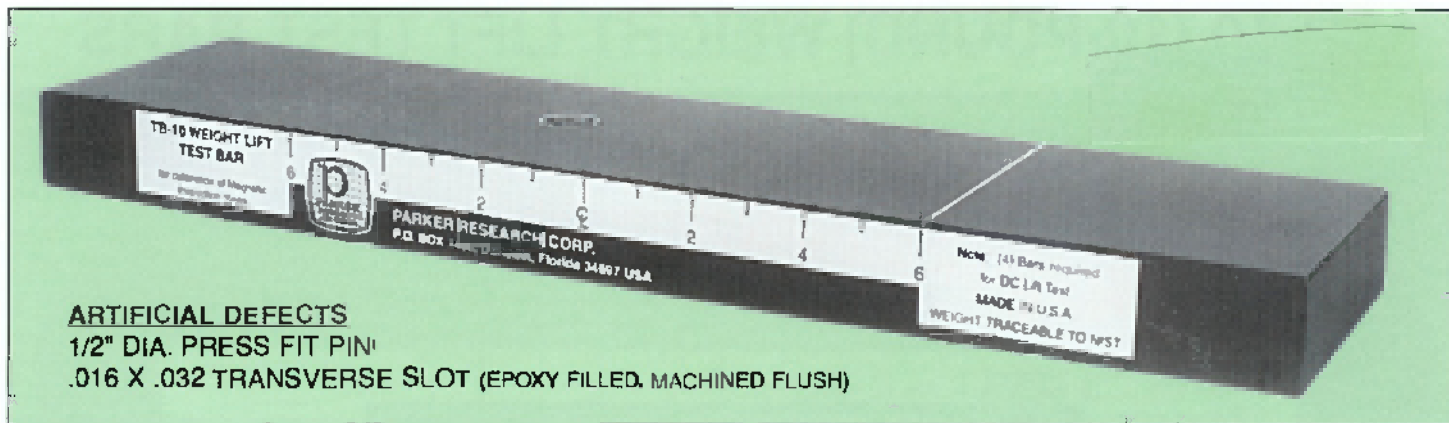
All Parker Research Contour Probes (Yokes) comply with and exceed the requirements of these specifications.

Governing Specification	MIL-STD-1949		ASME V ART 7		ASTM E 709		ASTM E1444		MIL-STD-271	
	Weight	Space	Weight	Space	Weight	Space	Weight	Space	Weight	Space
AC Field	10 lb	2-4 in	10 lb	*	10 lb	2-4 in	10 lb	2-4 in	10 lb	3-6 in
DC Field or Permanent Magnet (when allowed)	30 lb	2-4 in	40 lb	*	30 lb	2-4 in	30 lb	2-4 in	40 lb	3-6 in
	50 lb	4-6 in			50 lb	4-6 in	50 lb	4-6 in		
Max Verification Interval	6 months		1 year		6 months		6 months		3 months	

NOTE: Pole spacing is measured from the center line of the pole legs

* Maximum pole spacing that will be used.

TB10-SP WEIGHT LIFT/DEFECT TEST BAR



The NEW **TB10-SP Magnetic Weight Lift / Defect Test Bar** provides for the 10 pound AC weight lift calibration of Magnetic Particle Inspection Yokes, as shown on page 1. Bar weight is certified and traceable to NIST standards. In addition, the reverse side of the TB10-SP bar contains artificial defects as indicated above. Demonstration of actual defect indications is very useful for visual and operational performance purposes.

NOTE: The TB10-SP bar has no center bolt hole for mating with additional TB10 bars.