INSTRUCTIONS FOR FEDERAL TESTMASTERS

THE CENTERLINE OF THE CONTACT POINT SHOULD Indicated the self-the Pales is hard chromed steel or tungsten carbide end WHEREVER POSSIBLE.

Unless circumstances prevent, the contact point of the dent to betavibni an intensi Testmaster should be positioned so that it is parallel to the surface of the piece being measured (see sketch at right). It is rachet mounted so that the Testmaster can be positioned over a wide arc while maintaining the proper relationship of contact to work.

In instances where the contact point must be positioned at an angle with the measuring surface (see sketch below), accurate measurements can be made providing a correction factor is applied to the readings obtained.

Example: Indicator reading .0056"; angle "A" is 10°. The correction factor is .985 (see table). Therefore .0056" x .985 is .0055" (actual measurement). With serrated side of the point facing the serrated

lever, each projecting edge of thin washer above the spring while pushing in and down. When inserting the point, be sure it is pointing the girt out (see sketch Correction Correction Angle "A" Angle "A" factor factor .985 asert a sma

FOR VERY SMALL HOLES ON RECESS .940 .500 60 .866 30

Grooves are now placed on certain Points to provide easy identification of

WORKPIECE TESTMAST

HIST LENGTH

TOENT-IFREATION.

TO REMOVE

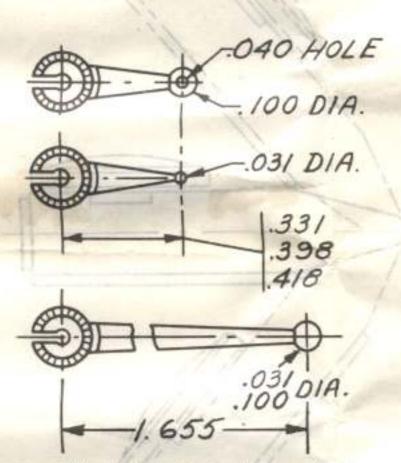
(.the to

ARE YOU USING THE RIGHT POINT? See other side

CONTRACTOR

REVERSING LEVER ... Tadicators are sometimes returned for repairs when they are not in need of its Many times this is due to the "aversing lever not being ent ni bertina FEDERAL PRODUCTS CORPORATION ... Providence 1, R. I.

desired direction before using.

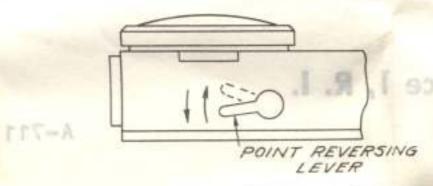


See table for length of point required.









INSTRUCTIONS FOR MATROAMI - TESTMASTERS

Different Testmaster Models require different length Contact Points, as shown in the table below. These lengths apply regardless of tip diameter or whether the Point is hard chromed steel or tungsten carbide.

Grooves are now placed on certain Points to provide easy identification of length, as indicated at the bottom of the table.

WHEN ORDERING POINTS - SPECIFY TESTMASTER MODEL NUMBER

id be positioned so that it is penallel

1	TESTMASTER	LT-1/2 T-2 LT-2 T-3	T-6 LT-6 T-7 LT-13	T-1 LT-1 T-5	LT-5 T-9 LT-9 LT-10	T-4 T-8	T-11 LT-11 LT-12	1
۱	POINT LENGTH	.33	l bengiñ	ebg ad t,39	8 Inieq to	.418	1.655	
	IDENT- IFICATION	e e	sketch pvidin ©	ose) escil	enting sur	No Grooves	No Grooves	

TO REMOVE POINTS ... Make sure that the point is in position sketched at left.

TO REPLACE POINTS . . . With serrated side of the point facing the serrated lever, catch projecting edge of thin washer above the spring while pushing in and down. When inserting the point, be sure it is pointing straight out (see sketch at left.)

FOR VERY SMALL HOLES OR RECESS . . . Insert a small pin in the hole in the ball point. Be sure that the pin is in tightly to insure accuracy.

REVERSING LEVER . . . Indicators are sometimes returned for repairs when they are not in need of it. Many times this is due to the reversing lever not being pushed as far as it will go. Make sure the reversing lever is fully shifted in the desired direction before using.