O-RING FIXTURE SET

Part No. ORF-1

The standard Rex ORF-1 fixturing set can be used in any Rex model operating stand (except OS-1) to check o-rings with cross sections from 1/16" to 1/4". With these fixtures it is possible to obtain readings with an ordinary A scale durometer. However, o-rings with cross sections of less than 1/16" should be checked with a Rex M scale durometer.

Note: For best results, the fixture should be orientated in the base so that the pins are parallel to the durometer dial face.

Instructions for Use:

The ORF-1 fixtures center o-rings between two pins under the indentor of the durometer, therefore it becomes necessary to use a Rex operating stand. It is also necessary to center the gauge so that the indentor makes contact at the crown of the o-ring as it sits between the fixturing pins.

1. To center the gauge remove the standard specimen holder from the base of your operating stand and insert the set plug included with the ORF-1.

2. Loosen the column lock lever and position the foot of the gauge so that it is directly over the counterbore in the set plug. Then lower the arm assembly so that the foot of the gauge slides into the counterbore of the set plug. With the foot inside the set plug, re-tighten the column lock lever when the foot has just made contact with the bottom of the counterbore. The stand is now set with the proper alignment and height for the o-ring fixtures.

3. Select the proper size fixture for the cross section of the o-ring that will be tested. When placed in the proper fixture, the cross section will fit snuggly between the pins, but should not be compressed between the pins. If a specimen does not fit properly between the pins on one of the standard fixtures, a custom-sized fixture can be ordered from Rex Gauge Co. Place the fixture in the base of the stand, and then place the o-ring in the fixture, making sure it is fully seated (see picture). When the durometer is lowered onto the specimen it will indicate the durometer reading.

If you have any questions or comments regarding the use of this or any Rex product, please call 847-465-9009.

For more information visit our Web Site at **durometer.com**

REX GAUGE COMPANY LLC

847/465-9009

800/927-3982