

## TRIAX OPTION

Our new **Triax Flexible Head Assembly** was specially designed for use with the WA-760TR Triaxial Accelerometer Round Design 100mV/g Output 1/4-28 UNF Mounting Stud.

With the **TRIAX** sensor mounted in the picture below, looking down the shaft center line: **X = Vertical, Y = Horizontal, Z = Axil**

Ideally, you would want each axis to line up with the shaft centerline, but nowa-days the transverse sensitivity is so small, it is barely even a factor. Therefore, they are very accurate no matter where you put the **TRIAX** sensor.



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## Westerberg & Associates, Corp.

### Data Collector Poles



[www.westerbergassociates.com](http://www.westerbergassociates.com)

## W&A Patented Data Collector Poles

Our Data Collector Pole offers the user the ability to stay on the ground, to collect the important data required to make decisions, about their machinery health and reliability.

The Pole and Head Assembly are designed to be lightweight and functional!!

**RATED FOR MAGNETS UP TO 1"**

**Heavy Duty Head Assemblies are available for the larger magnets.**

DCPF 23 \* 2 Ft -3.5 Ft Extended

DCPF 47 \* 4 Ft -7 Ft Extended

DCPF 611 \* 6 Ft -11 Ft Extended

DCPF 814 \* 8 Ft -14 Ft Extended

DCPF 822 \* 8 Ft -22 Ft Extended

Add DCPF - HD for Heavy Duty Option

**For more information or a price quote, please email us at [liz@westerberbergassociates.com](mailto:liz@westerberbergassociates.com)**

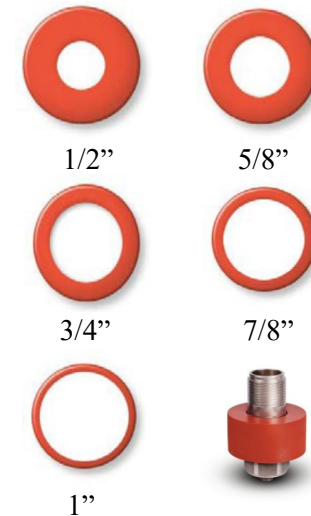


Our patented **Flex-Lok Head Assembly** tilts 180° for proper sensor placement or locks in place for stationary

### Sensor Bushings

400° High Temperature Bushings, 70 Durometer

Bushing Measurements below are **Inner Diameter**.



Break-Away Safety Connector

# Data Collector Poles

## W&A Data Collector Poles

are the most efficient vibration collection instrument on the market!! These poles improve safety for the user and can be fitted for any cable connection, to fit your individual needs. Each Pole comes with our patented “Flex-Lok” Head Assembly.

### Highlights

- Reduces need for a safety harness during data collection
- Includes multiple high temperature bushings to fit your preferred vibration sensor
- Spring loaded “Flex-Lok” head tilts 180° for proper sensor placement or locks in place for stationary use
- Choice of extension pole lengths
- Cables & adapters to allow use with any manufacturer’s data collector

Patent # 61756690

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## Flex-Lok Feature Instructions



1. The Flex-Lok Head Assembly comes standard with locking plunger pin, to fix head position. There are five available locking positions in the 180° span.



2. The head assembly can be locked by grasping the plunger pin lever and pulling it directly outward.



3. With plunger pin pulled outward, turn the lever counter-clockwise from the 12 o'clock position down to 6 o'clock.



4. At the 6 o'clock position, release the plunger pin lever and allow the plunger spring to lock into the chosen position of the head.

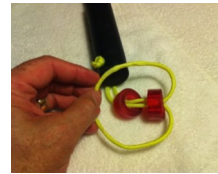
Reverse the steps to unlock.

## Bushing Assembly

Complete with 5, 400° High Temp Bushings, 70 Durometer to fit preferred vibration sensors:

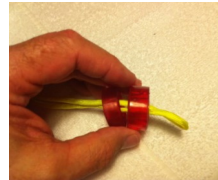
1/2”, 5/8”, 3/4”, 7/8” & 1” - **Bushing Assembly not included in Triax model**

Step 1:



Pull the Lanyard Loop Over the Red Silicone Bushings

Step 2:



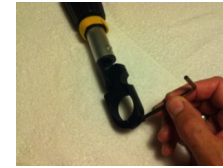
Pull all of the Bushings off of the Lanyard

Step 3:



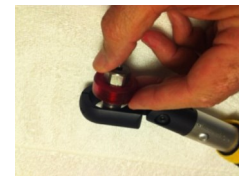
Slide the Correct Size Bushing over the Accelerometer

Step 4:



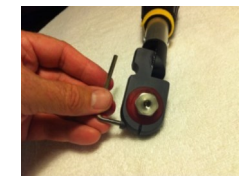
Find the Hex Wrench, supplied with each Pole and loosen the Head Assembly

Step 5:



Press the accelerometer, with the Bushing attached, back through the Head Assembly

Step 6:



Tighten the Head Assembly after Inserting the Accelerometer and Bushings

Step 7:



Attach Magnet to Accelerometer

Step 8:



Attach Cable Assembly by pressing 2-pin mil Right Angle Connector to Accelerometer and turn Connection ring until tight

Step 9:



Make sure the Velcro is wrapped around the Cable to help support it