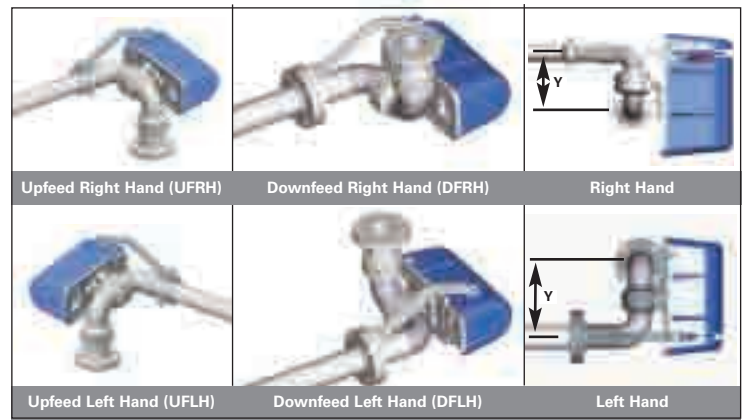


## Counterbalance Swivels

OPW Engineered Systems counterbalance swivels for both counterweighted loading arms (see Style 55 on page 10) and torsion spring-balanced loading arms are available (Styles 56, 58, 76, and 78) to cover virtually any combination of riser orientation and swivel offset, including:

- Upfeed right hand
- Downfeed right hand
- Upfeed left hand
- Downfeed left hand

If you are uncertain as to which counterbalance replacement swivel to order, refer to your original loading arm design drawing or contact the OPW Engineered Systems engineering department.



Maximum Y-dimensions: 2" size: Y= 8 1/8" (207 mm); 3" size: Y=11" (280 mm); 4" size: Y=12" (324 mm); and 6" size: Y=18" (470 mm).

## Torsion Spring-Balance Units 790 Series – EZ Adjust



The OPW Engineered Systems 790 Series EZ Adjust Loading Arm Spring-Balance permits any one of a full range of spring balance adjustments with a simple turn of the wrench. The 790 is the ultimate user-friendly solution to spring adjustment. With this technology, you no longer have to have the loading arm in the vertical position to make adjustments. In most cases, adjustments can be made from any position.

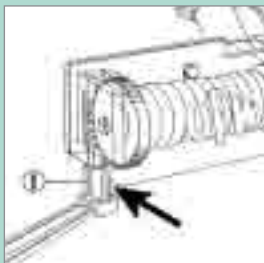
### Benefits

- Affords users easy, precise spring balance adjustments
- Guaranteed spring-balance performance
- Safe performance
- Eliminates labor-intensive steps

### Features

- EZ one-nut adjustment
- Wide range of motion
- Fully adjustable upward/downward travel stops
- Integral spring containment safety feature
- No special tools required
- Available in right-hand and left-hand configurations
- Available with optional automatic engaging lockdown
- 5-year warranty
- Patent pending

### A FULL RANGE OF SPRING-BALANCE ADJUSTMENTS WITH THE TURN OF A WRENCH! GUARANTEED!



1. Place 5/8" socket wrench on worm gear hex drive (Under high load conditions, it may be necessary to raise loading arm to 45 degrees above horizontal).



2. Turn worm gear hex drive... which...  
3. Turns gear... which...  
4. Winds or unwinds spring.



5. Winding action produces the necessary torque (lifting action) required to counter-balance the loading arm.

Spring Capacity	Lifting Moment	
	Inch-Pounds	Meter-Kilograms
Medium	3800 to 6400	44 to 74
Medium-High	6400 to 8600	74 to 99
High	8600 to 13,000	99 to 155

### 5-YEAR WARRANTY

The OPW 790 Series 5-Year Warranty: OPW Engineered Systems warrants that this product is free from defects in materials and workmanship under normal use and service for which this product was designed for a period of 60 months after shipment from factory. If this product should fail through defect in workmanship or material within the warranty period, OPW Engineered Systems will either repair or replace the defective product without charge.