

### TTMA Handle Kits

**Application**

- For various applications that utilize 4" TTMA connections, allowing for improved ergonomics when handling hoses

**Features**

- Mounting plate mates up to TTMA flange
- Lightweight construction

| Size | Description           | Aluminum Part # |
|------|-----------------------|-----------------|
| 4"   | Compact with D-handle | TTMAHK-C        |
| 4"   | Long with ball handle | TTMAHK-LB       |

NOTE: Nuts and bolts not included



TTMAHK-C



TTMAHK-LB

C

### Counterbalances

**Features**

- Includes pivot arm (shown) and spring to help prevent possible pinch point
- Easy-adjust tension bolt, carbon steel housing

| Description                                   | Part # |
|---|--------|
| light-duty white torsion spring, right hand   | ESB1/A |
| medium-duty yellow torsion spring, right hand | ESB1/B |
| heavy-duty red torsion spring, right hand     | ESB1/C |
| light-duty black torsion spring, left hand    | ESB1/E |
| medium-duty grey torsion spring, left hand    | ESB1/F |
| heavy-duty orange torsion spring, left hand   | ESB1/G |



ESB1/A

### Counterbalance Connecting Arm Clamps

**Feature**

- Clamps link counterbalance connecting arm to the primary leg

**Materials**

- 2" clamp: stainless steel
- 3" and 4" clamp: iron

| Size | Description                                     | Part #      |
|------|---|-------------|
| 2"   | counterbalance connecting arm clamp for 2" pipe | ESB-CLAMP-2 |
| 3"   | counterbalance connecting arm clamp for 3" pipe | ESB-CLAMP-3 |
| 4"   | counterbalance connecting arm clamp for 4" pipe | ESB-CLAMP-4 |



ESB-CLAMP-3

### Loading Arm Legs/Spools and Hoses

**Sizes**

- 1-1/2", 2", 3", 4", and 6"

**Features**

- Available connections include: TTMA flange, 150# flange, 300# flange, MNPT, FNPT, and weld end
- Additional options include: ports, jump sizes, handle, and bucket hooks

**Materials**

- Pipe: carbon steel, 316 stainless steel, and aluminum
- Hose: stainless steel metal and composite

