

**The Concept:** It is common knowledge that pumps, engines and other equipment run quieter and with greater efficiency when an unrestricted flow of water is provided by full flow fittings and hose. At the same time however we realize that many installations require that the fittings be sized to a particular hose ID that is already in place, so we offer high quality bronze fittings for either instance.

In the photo comparison, both fittings screw into the same size NPT threaded strainer or valve, but note that there is significantly more flow capacity through the Full Flow Fitting.

The principle holds true through the full range of straight and 90-degree fittings offered below.

### Comparison - Regular Flow vs. Full Flow



PTH-750 Fitting for 3/4" ID Hose, 3/4" NPT thread



FF-750 Fitting for 1" ID hose, 3/4" NPT thread

### 90-DEGREE FITTINGS, REGULAR FLOW



PTH Series

| MODEL NO. | PIPE SIZE         | HOSE ID      | PACK QTY. |
|-----------|-------------------|--------------|-----------|
| PTHC-5062 | 1/2"—14 NPT       | 1/2" or 5/8" | 10        |
| PTHC-750  | 3/4"—14 NPT       | 3/4"         | 10        |
| PTHC-1000 | 1"—11-1/2 NPT     | 1"           | 10        |
| PTHC-1125 | 1-1/4"—11-1/2 NPT | 1-1/8"       | 5         |
| PTHC-1250 | 1-1/4"—11-1/2 NPT | 1-1/4"       | 5         |
| PTHC-1500 | 1-1/2"—11-1/2 NPT | 1-1/2"       | 5         |
| PTHC-2000 | 2"—11-1/2 NPT     | 2"           | 1         |
| PTHC-2500 | 2-1/2"—8 NPT      | 2-1/2"       | 1         |
| PTHC-3000 | 3"—8 NPT          | 3"           | 1         |
| PTHC-4000 | 4"—8 NPT          | 4"           | 1         |

### STRAIGHT FITTINGS, REGULAR FLOW



PTH Series

| MODEL NO. | PIPE SIZE         | HOSE ID      | PACK QTY. |
|-----------|-------------------|--------------|-----------|
| PTH-500   | 1/2"—14 NPT       | 1/2"         | 10        |
| PTH-5062  | 1/2"—14 NPT       | 1/2" or 5/8" | 10        |
| PTH-750   | 3/4"—14 NPT       | 3/4"         | 10        |
| PTH-1000  | 1"—11-1/2 NPT     | 1"           | 10        |
| PTH-1125  | 1-1/4"—11-1/2 NPT | 1-1/8"       | 10        |
| PTH-1250  | 1-1/4"—11-1/2 NPT | 1-1/4"       | 10        |
| PTH-1500  | 1-1/2"—11-1/2 NPT | 1-1/2"       | 10        |
| PTH-2000  | 2"—11-1/2 NPT     | 2"           | 1         |
| PTH-2500  | 2-1/2"—8 NPT      | 2-1/2"       | 1         |
| PTH-3000  | 3"—8 NPT          | 3"           | 1         |
| PTH-4000  | 4"—8 NPT          | 4"           | 1         |

### 90-DEGREE FITTINGS, FULL FLOW



FFC Series

| MODEL NO. | PIPE SIZE         | HOSE ID | PACK QTY. |
|-----------|-------------------|---------|-----------|
| FFC-500   | 1/2"—14 NPT       | 3/4"    | 10        |
| FFC-750   | 3/4"—14 NPT       | 1"      | 10        |
| FFC-1000  | 1"—11-1/2 NPT     | 1-1/4"  | 5         |
| FFC-1250  | 1-1/4"—11-1/2 NPT | 1-1/2"  | 5         |
| FFC-1500  | 1-1/2"—11-1/2 NPT | 1-3/4"  | 1         |
| FFC-2000  | 2"—11-1/2 NPT     | 2-1/4"  | 1         |
| FFC-2500  | 2-1/2"—8 NPT      | 2-7/8"  | 1         |
| FFC-3000  | 3"—8 NPT          | 3-1/2"  | 1         |

### STRAIGHT FITTINGS, FULL FLOW



FF Series

| MODEL NO. | PIPE SIZE         | HOSE ID | PACK QTY. |
|-----------|-------------------|---------|-----------|
| FF-500    | 1/2"—14 NPT       | 3/4"    | 10        |
| FF-750    | 1/2"—14 NPT       | 1"      | 10        |
| FF-1000   | 1"—11-1/2 NPT     | 1-1/4"  | 10        |
| FF-1250   | 1-1/4"—11-1/2 NPT | 1-1/2"  | 10        |
| FF-1500   | 1-1/2"—11-1/2 NPT | 1-3/4"  | 5         |
| FF-2000   | 2"—11-1/2 NPT     | 2-1/4"  | 1         |
| FF-2500   | 2-1/2"—8 NPT      | 2-7/8"  | 1         |
| FF-3000   | 3"—8 NPT          | 3-1/2"  | 1         |

## SPANNER WRENCH/DECK PLATE KEY

### MODEL SW-2531

Among the features of ARG, SD, BVS and SS series strainers are three holes in the strainer cap that allow for the use of a spanner wrench to tighten or loosen the cover before or after maintenance.

Hand-tight is sufficient for a good seal, but some boaters may prefer to "snug" the cover, or "break the seal" when servicing with the aid of a Spanner Wrench.

SW-2531 Spanner Wrench is cast bronze and has 1/4" pins and 5/16" stainless steel pins. It fits up to 7" deck plates.

Use the convenient hole in the handle to hang SW-2531 near the location of your strainers so it will always be convenient when you need it.



SW-2531 Spanner Wrench/Deck Plate Key