Ground Plug & Multiple Shut-Offs

Refer to safety information regarding tubing selection on page 1.



Pressure Range: 30 psi working pressure, except where noted.

Used With: Copper, aluminum, steel and plastic tubing where applicable.

Material: Brass bodies and handles.

Temperature: -65°F to +250°F (-53°C to +121°C) with metal tubing. For

use with plastic tubing, refer to the tubing temperature range.

Conformance: Designed for automotive or industrial use. Not intended for

natural gas, LPG, nuclear or aircraft applications, except as noted.

Ordering Information: Order valve body, nut and sleeves by catalog num-

Ordering Information: Order valve body, nut and sleeves by catalog number. Order valves with Selfalign® nuts and sleeves by adding suffix "S". Example: 4694S. Order valves less nut and sleeve by adding prefix "B". Example: B694.

NOTE: Ground Plug Drains and Shut-Offs use a unviersal lubricant satisfactory for use with most common fluids. However the lubricant may wash out at higher pressures or with some exotic fluids.

Draincock





Ratings: Valves are designed to hold air pressure of 150 psi with one 1/4" bubble in 5 seconds permissible key leakage.

| Male Pipe Thread | Catalog Number | D | L | |
|------------------------|-------------------|------|------|--|
| 1/4 | W15310 | .188 | 1.56 | |

Ground Plug Drain





| Male Pipe Thread | Catalog Number | Hex C | L | N | M | M1 |
|------------------------|-------------------|----------|------|------|------|------|
| 1/8 | 6891 | 9/16 | 1.93 | .75 | 1.63 | .87 |
| 1/4 | 6892 | 5/8 | 1.62 | .75 | 1.75 | 1.03 |
| 3/8 | 6893 | 11/16 | 1.72 | 1.00 | 2.31 | 1.22 |

Compression Flareless 3 Way Shut-Off



| Tube | Catalog | Replacement | Replacement | |
|------|---------|-------------|-------------|--|
| O.D. | Number | Nuts | Sleeves | |
| 5/16 | A6793 | 1611x5* | 60x5 | |

SAE 45° Flare Double





| Tube O.D. | Catalog Number | L | М | |
|--------------|-------------------|------|------|--|
| 1/4 | 6719 | 1.88 | 1.88 | |
| 5/16 | 6724 | 1.88 | 1.88 | |
| 3/8 | 6729 | 2.00 | 1.88 | |

Ground Plug & Multiple Shut-Offs

SAE 45° Flare Straightway





| Tube O.D. | Male Pipe Thread | Catalog Number | Ĺ | M | |
|--------------|------------------------|-------------------|------|------|--|
| 1/4 | 1/8 | 537 | 2.00 | 1.88 | |
| 5/16 | 1/8 | 632 | 2.03 | 1.88 | |
| 5/16 | 1/4 | 702 | 2.03 | 1.88 | |
| 3/8 | 1/4 | 703 | 2.06 | 1.88 | |

Compression Double





| "S" | suffix | designates | Selfalign® | with | Nuts | and |
|-----|--------|------------|------------|------|------|-----|
| | eves. | | | | | |

| Tube O.D. | Catalog Number | L | M |
|--------------|-------------------|------|------|
| 1/4 | A6769 | 2.12 | 1.88 |
| 1/4 | A6769S | 2.12 | 1.88 |
| 5/16 | A6774 | 2.19 | 1.88 |
| 3/8 | A6779 | 2.25 | 1.88 |
| 3/8 | A6779S | 2.25 | 1.88 |

Compression Straightway





"S" suffix designates Selfalign® with Nuts and Sleeves.

| Tube O.D. | Male Pipe Thread | Catalog Number | Ĺ | M |
|--------------|------------------------|-------------------|------|------|
| 1/4 | 1/8 | A694 | 2.19 | 1.88 |
| 1/4 | 1/8 | A694S | 2.19 | 1.88 |
| 1/4 | 1/4 | A6754 | 2.19 | 1.88 |
| 1/4 | 1/4 | A6754S | 2.19 | 1.88 |
| 5/16 | 1/8 | A664 | 2.19 | 1.88 |
| 5/16 | 1/4 | A6759 | 2.25 | 1.88 |
| 3/8 | 1/4 | A6764 | 2.38 | 1.88 |
| 3/8 | 1/4 | A6764S | 2.38 | 1.88 |
| | | | | |

Male to Female Pipe





| Male Pipe Thread | Female Pipe Thread | Catalog Number | L | М | |
|------------------------|--------------------------|-------------------|------|------|--|
| 1/8 | 1/8 | 6824 | 2.00 | 1.88 | |
| 1/4 | 1/4 | 6829 | 2.12 | 1.88 | |
| | | | | | |

Truck Shut Off Male to Female Pipe





| Ratings: Valves are designed to hold air pressure |
|---|
| of 125 psi with one 1/4" bubble in 5 seconds |
| permissible key leakage. |

| Male Pipe Thread | Female Pipe Thread | Catalog Number | Hex | Hex C1 | L | D | |
|------------------------|--------------------------|-------------------|-----|-----------|------|------|--|
| 1/4 | 1/4 | W20332 | 5/8 | 3/4 | 1.96 | .219 | |

Ground Plug & Multiple Shut-Offs

Marine Shut Off Male to Female

Pipe





| Pipe | Female Pipe Thread | Catalog Number | L | М |
|------|--------------------------|-------------------|------|------|
| 1/4 | 174 | 6828 | 2 22 | 1 07 |

UL Listed for Marine Fuel.

Female Pipe Double





| Female Pipe Thread | Catalog Number | L | М |
|--------------------------|-------------------|------|------|
| 1/8 | 6804 | 1.46 | 1.88 |
| 1/4 | 6809 | 1.70 | 1.88 |

3 Way Shut-Off





| Male Pipe Thread | Female Pipe Thread | Catalog Number | L | М | |
|------------------------|--------------------------|-------------------|------|------|--|
| 1/8 | 1/8 | 6737 | 2.12 | 1.88 | |

3 Way Multiple Shut-Off





Replacement Handle: Catalog Number 6746. Includes Screw. Click-washer assembly positively holds valve in desired position and gives a pronounced click.

| Pipe | L | C | |
|--------|------|---|--|
| Thread | Stem | N | |
| 1/4 | 1.37 | - | |

Female

3/8

atalog umber 1.37 6749 1.37 6709

4 Way Multiple Shut-Off





Replacement Handle: Catalog Number 6746. Includes Screw.

Click-washer assembly positively holds valve in desired position and gives a pronounced click.

| L Stem | Catalog Number | |
|-----------|----------------------|---|
| 1.37 | 6747 | |
| 2.37 | 6748 | |
| 1.37 | 6707 | |
| 2.37 | 6708 | |
| | | |
| | 1.37 2.37 1.37 | Stem Number 1.37 6747 2.37 6748 1.37 6707 |