

# BULL PLUGS AND SWAGS

NIPPLES AND FITTINGS

## BULL PLUGS AND SWAGES

### STANDARD BULL PLUG

- Sch 40 150#
- Zinc plated



| PART # | DESCRIPTION    |      |
|--------|----------------|------|
| 91008  | 2"             | ---- |
|        | 2" w/ 1/2" TAP | ---- |
|        | 2-1/2"         | ---- |
|        | 3"             | ---- |
|        | 4"             | ---- |

### XH BULL PLUG

- Made from sch. 80 pipe.
- Zinc plated
- Hollow



| PART # | DESCRIPTION      |      |
|--------|------------------|------|
|        | 1/4"             | ---- |
| 90002  | 3/8"             | ---- |
| 90003  | 1/2"             | ---- |
| 90004  | 3/4"             | ---- |
| 90005  | 1"               | ---- |
|        | 1-1/4"           | ---- |
|        | 1-1/2"           | ---- |
| 90008  | 2"               | ---- |
| 93001* | 2"               | ---- |
| 90213  | 2" w/ 1/4" TAP   | ---- |
| 90212  | 2" w/ 1/2" TAP   | ---- |
| 93212* | 2"XXH w/1/2" TAP | ---- |
|        | 2-1/2"           | ---- |
|        | 3"               | ---- |
|        | 3" w/ 1/2" TAP   | ---- |
| 90011  | 4"               | ---- |

\* XXH

### STANDARD SCH. 40 SWAGE

#### MIP X MIP

- Zinc plated



| PART # | DESCRIPTION |      |
|--------|-------------|------|
| 93113  | 1-1/4" x 1" | ---- |
| 93121  | 2" x 1"     | ---- |
| 93122  | 2" x 1-1/4" | ---- |
| 93123  | 2" x 1-1/2" | ---- |
|        | 2-1/2" x 2" | ---- |
|        | 3" x 1"     | ---- |
| 93127  | 3" x 1-1/2" | ---- |
| 93128  | 3" x 2"     | ---- |
|        | 3" x 2-1/2" | ---- |
| 93130  | 4" x 2"     | ---- |
| 93131  | 4" x 3"     | ---- |
| 93139  | 6" x 3"     | ---- |

**Pressure Ratings:** Due to the wide variation in service conditions, temperature, vibrations, etc...Midland Industries can make no recommendations as to allowable working pressure of swage nipples and bull plugs. There are a number of working pressure formulas from which the end user may choose to determine the required wall thickness of the piping system. It is our responsibility only to furnish a fitting with end dimensions equal to those of the pipe size and schedule ordered.

**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# SWAGES

## NIPPLES AND FITTINGS

### SCH 80 XH SWAGES

#### MIP X MIP



\* Hex Style



| PART # | DESCRIPTION     |      |
|--------|-----------------|------|
|        | 1/4" x 1/8"     | ---- |
|        | 1/2" x 1/4"     | ---- |
| 90103* | 1/2" x 3/8"     | ---- |
| 90104* | 3/8" x 1/4"     | ---- |
| 90105* | 3/4" x 1/4"     | ---- |
| 90106* | 3/4" x 3/8"     | ---- |
| 90107* | 3/4" x 1/2"     | ---- |
|        | 1" x 1/4"       | ---- |
|        | 1" x 3/8"       | ---- |
| 90110* | 1" x 1/2"       | ---- |
| 90111* | 1" x 3/4"       | ---- |
| 90140  | 1-1/4" x 3/4"   | ---- |
| 90141  | 1-1/4" x 1"     | ---- |
| 90114  | 1-1/2" x 1/2"   | ---- |
| 90115  | 1-1/2" x 3/4"   | ---- |
| 90116  | 1-1/2" x 1"     | ---- |
| 90117  | 1-1/2" x 1-1/4" | ---- |
|        | 2" x 1/4"       | ---- |
| 90119  | 2" x 1/2"       | ---- |
| 90120  | 2" x 3/4"       | ---- |
| 90121  | 2" x 1"         | ---- |
| 90122  | 2" x 1-1/4"     | ---- |
| 90123  | 2" x 1-1/2"     | ---- |
|        | 2-1/2" x 2"     | ---- |
|        | 3" x 1"         | ---- |
| 90126  | 3" x 1-1/4"     | ---- |
| 90127  | 3" x 1-1/2"     | ---- |
| 90128  | 3" x 2"         | ---- |
|        | 3" x 2-1/2"     | ---- |
|        | 4" x 1"         | ---- |
| 90130  | 4" x 2"         | ---- |
| 90131  | 4" x 3"         | ---- |
| 90132  | 6" x 4"         | ---- |
|        | 6" x 2"         | ---- |
|        | 6" x 3"         | ---- |

### XXH SWAGE



| PART # | DESCRIPTION   |      |
|--------|---------------|------|
|        | 1/2" x 1/4"   | ---- |
|        | 3/4" x 1/2"   | ---- |
|        | 1" x 1/4"     | ---- |
|        | 1" x 3/8"     | ---- |
| 92110* | 1" x 1/2"     | ---- |
|        | 1" x 3/4"     | ---- |
|        | 1-1/2" x 1/2" | ---- |
|        | 1-1/2" x 3/4" | ---- |
| 92116  | 1-1/2" x 1"   | ---- |
|        | 2" x 1/2"     | ---- |
|        | 2" x 3/4"     | ---- |
| 92121  | 2" x 1"       | ---- |
|        | 2" x 1-1/4"   | ---- |
|        | 2" x 1-1/2"   | ---- |
| 92128  | 3" x 2"       | ---- |

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