

# King Grips

## For Pulling PVC and Poly Pipe

### Installation Instructions

#### INSTALLATION

1. Verify correct grip for pipe application.
2. Verify end of pipe to be pulled is free of obstruction.
3. Slide shell towards chain end of grip.
4. Insert shaft of grip into pipe, until pipe completely slides into shell.
5. While holding the shell and pipe with one hand, sharply pull on chain with other hand.
6. While holding chain, sharply hit closed end of shell with a hammer as needed.

#### REMOVAL

1. While grasping pipe and shell with one hand, push or impact chain end of shaft into pipe with other hand.
2. Remove grip from pipe by grasping and pulling the shell.

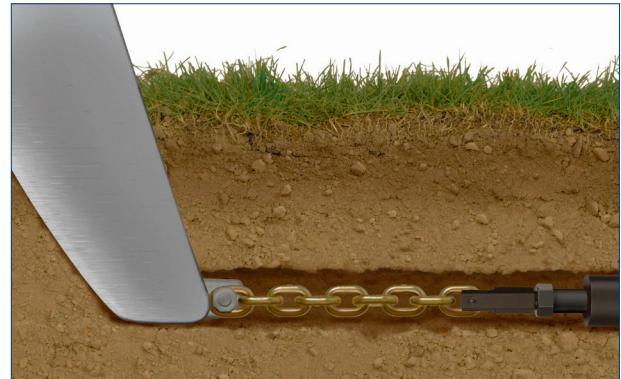
#### MAINTENANCE

It may be necessary to periodically clean debris from the knurling on the aluminum cones. This can be done using a stiff bristle brass brush, taking care not to damage the knurling or the rubber O-rings.

### KING GRIPS

| Catalog # | Selling Unit                                    |
|-----------|-------------------------------------------------|
| 81801     | Kit: Grip and Chain for 1 in (2.5 cm) PVC       |
| 81802     | Kit: Grip and Chain for 1 in (2.5 cm) 80# Poly  |
| 81803     | Kit: Grip and Chain for 1 in (2.5 cm) 100# Poly |

Additional grip sizes are available on the back of this page.



- Compatible for 3/4 in to 2 in (19.1 mm to 50.8 mm) Polyethylene Pipe and 3/4 in to 4 in (19.1 mm to 101.6 mm) PVC Pipe (also fits all pipe pulling equipment)
- Rugged design of the nVent KING INNOVATION King Grip protects pipe from soil entry
- No steel splinters
- Minimum pipe grip eliminates wasted pipe material
- Quick coupling and release saves time
- Fits all pipe pulling equipment
- Plated for rust prevention
- No tape required



To order a custom grip, select a grip from List A and a chain/adapter from List B.

Bullet Kit (List C) is also recommended.

#### A. SELECT ONE KING GRIP

| Catalog # | Description                          | Max OD | Min ID |
|-----------|--------------------------------------|--------|--------|
| 81401     | 3/4 in (19 mm) PVC                   | 1.060  | 0.794  |
| 81402     | 3/4 80# and 100# Poly                | 0.990  | 0.794  |
| 81501     | 1 in (25.4 mm) PVC                   | 1.320  | 1.020  |
| 81502     | 1 in (25.4 mm) 100# Poly             | 1.255  | 1.020  |
| 81503     | 1 in (25.4 mm) 80# Poly              | 1.210  | 1.020  |
| 81504     | 1 1/4 in (31.7 mm) PVC and 100# Poly | 1.665  | 1.330  |
| 81505     | 1 1/4 in (31.7 mm) 80# Poly          | 1.585  | 1.330  |
| 81506     | 1 1/2 in (38.1 mm) PVC and 100# Poly | 1.910  | 1.520  |
| 81507     | 1 1/2 in (38.1 mm) 80# Poly          | 1.848  | 1.520  |
| 81601     | 2 in (50.8 mm) PVC and 80# Poly*     | 2.380  | 1.900  |
| 81602     | 2 in (50.8 mm) 100# Poly*            | 2.460  | 1.900  |
| 81603     | 2 1/2 in (63.5 mm) PVC*              | 2.880  | 2.228  |
| 81604     | 3 in (76.2 mm) PVC*                  | 3.510  | 2.875  |

\*Requires a heavy duty chain.

**A**



#### B. SELECT ONE CHAIN/ADAPTER

| Catalog # | Description                                | Size                         |
|-----------|--------------------------------------------|------------------------------|
| 81311     | Heavy-duty chain with male/female adapters | 1 1/8 in (28.5 mm) Hex Stock |
| 81314     | Chain with female adapter                  | 3/4 in (19 mm) Hex Stock     |
| 81315     | Chain with male and female adapters        | 3/4 in (19 mm) Hex Stock     |

**B**



#### C. BULLET KIT (RECOMMENDED)

| Catalog # | Description                                                                      | Grip Size           |
|-----------|----------------------------------------------------------------------------------|---------------------|
| 81701     | 2 1/8 in (53.9 mm) Diameter Bullet w/ 1 in (25.4 mm) to 1 1/2 in (38.1 mm) shaft | 1 in (25.4 mm) Only |

**C**



Please contact customer service for a Canadian Cross Reference chart.

#### USA

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