



1101 McKinley Street  
Anoka, MN 55303  
Phone (763) 786-6682  
Fax (763) 786-2167  
[www.polycam.com](http://www.polycam.com)



Part Name: Poly-Cam Pulling Head  
Part Number: 650-xxxx

## General Design

The Poly-Cam steel pulling heads are constructed with a single-eye rated to the safe pulling strength of the pipe installed. The design of the pulling heads allows them to be fully pressure rated and sealed not allowing drilling fluids and other contaminants to enter pipe. In addition, Poly-Cam offers a female threaded port for ease of pressing the line after the pull.

The pulling head utilizes a multi-level mechanical barb system which is hydraulically compressed onto the polyethylene or pipe quality copolymer material.

For further information please contact your Poly-Cam distributor or representative.

## Features

- Size range from 1" - 42" diameter
- Available in IPS
- Optional female threaded port for testing (additional charge)
- Round nose design for ease of pulling
- Strong steel construction for longevity
- Pressure-sealed design

## System Performance

The transition fitting is designed to handle full pressure with a 2:1 safety factor at 73.40 degrees Fahrenheit with a minimum 50 year design life.

The pulling head is rated to the safe pull strength of the pipe installed.

### **Quality Assurance**

The transition fitting shall be manufactured by Poly-Cam, Inc. Poly-Cam, Inc. shall provide quality assurance with regards to proper installation, compatibility, performance, and acceptance.

### **Installation**

**HDPE pipe end:** Install transition fitting so as to comply with the pipe manufacturer's recommended procedures. All field welds shall be accomplished in accordance with Plastic Pipe Institute's welding procedure for butt fusion.

# Series 650 The Poly-Cam Pulling Head

SDR<sub>11</sub>

| Nominal Size (In.) | Pulling Head O.D.<br><b>A</b> | IPS DR11 HDPE O.D.<br><b>B</b> | Eye Diameter<br><b>C</b> | Optional Threaded Port NPT<br><b>D</b> | Eye Plate Thickness |
|--------------------|-------------------------------|--------------------------------|--------------------------|--|---------------------|
| 0.75               | 1.24                          | 1.05                           | 0.44                     |  | 0.42                |
| 1                  | 1.5                           | 1.315                          | 0.45                     |  | 0.5                 |
| 1.25               | 1.75                          | 1.66                           | 0.51                     |  | 0.45                |
| 1.5                | 2                             | 1.9                            | 0.5                      |  | 0.47                |
| 2                  | 2.49                          | 2.375                          | 0.81                     | 0.125                                  | 0.8                 |
| 3                  | 3.5                           | 3.5                            | 1.25                     | 0.5                                    | 0.75                |
| 4                  | 4.5                           | 4.5                            | 1.5                      | 0.75                                   | 1.05                |
| 5                  | 5.563                         | 5.563                          | 1.5                      | 0.75                                   | 1                   |
| 6                  | 6.625                         | 6.625                          | 2                        | 0.75                                   | 1.25                |
| 8                  | 8.66                          | 8.625                          | 2                        | 1                                      | 1.5                 |
| 10                 | 10.75                         | 10.75                          | 2                        | 1.5                                    | 1.5                 |
| 12                 | 12.75                         | 12.75                          | 2                        | 1.5                                    | 1.5                 |
| 14                 | 14                            | 14                             | 2                        | 2                                      | 1.5                 |
| 16                 | 16                            | 16                             | 2                        | 2                                      | 1.5                 |
| 18                 | 18                            | 18                             | 3                        | 2                                      | 1.5                 |
| 20                 | 20                            | 20                             | 3                        | 2                                      | 2                   |
| 22                 | 22                            | 22                             | 3.25                     | 2                                      | 2                   |
| 24                 | 24                            | 24                             | 3.25                     | 2                                      | 2                   |
| 26                 | 26                            | 26                             |                          | 2                                      |                     |
| 28                 | 28                            | 28                             |                          | 2                                      |                     |
| 30                 | 30                            | 30                             | 4                        | 2                                      | 3                   |
| 32                 | 32                            | 32                             | 4                        |  |                     |
| 34                 | 34                            | 34                             | 4                        |  |                     |
| 36                 | 36                            | 36                             | 4                        |  |                     |
| 40                 | 40                            | 40                             |                          |  |                     |
| 42                 | 42                            | 42                             |                          |  |                     |

