

## Towing Heads



Standard Version

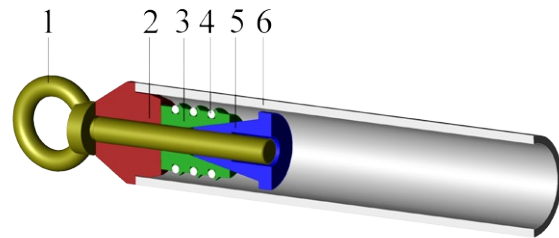
- for easy towing PE pipes
- recommended if the PE pipe is not in contact with water or drilling fluids
- easy to use, reusable, no additional tools required
- rotating the Towing Head into the PE pipe results in a pull-out resistant connection for towing the PE pipe in the desired direction
- spare parts available on request



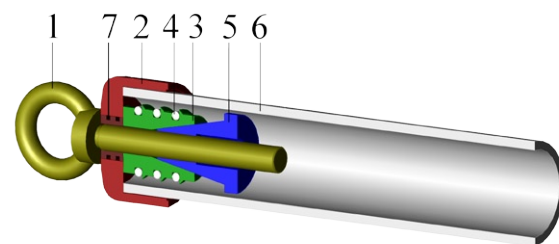
Sealed Version

- for watertight connection between Towing Head and PE pipe
- recommend if the PE pipe is in contact with water or drilling fluids
- easy to use, reusable, no additional tools required
- rotating the Towing Head into the PE pipe results in a pull-out resistant connection for towing the PE pipe in the desired direction
- spare parts available on request

Standard Version



Sealed Version



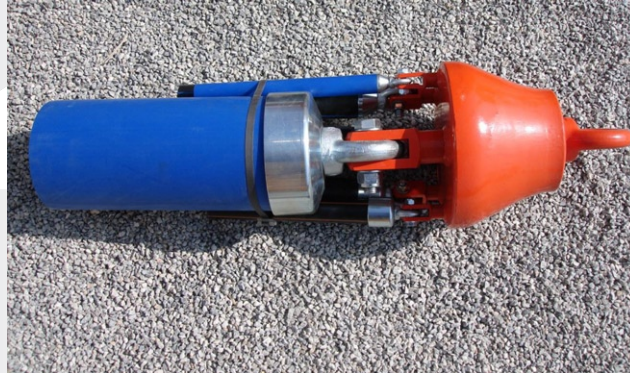
1. towing eye with screw jack
2. upper cone outer sleeve
3. expansion-gripper set
4. O-ring set
5. expander cone with internal thread
6. PE pipe
7. sealing rings (Sealed Version only)

PE Pipe o.D. mm	Tension area i.D. mm	PE Pipe o.D. mm	Tension area i.D. mm
32	24-28	160	127-148
40	32-36	180	144-166
50	39-47	200	158-184
63	49-60	225	178-206
75	59-70	250	198-230
90	71-85	280	200-265
110	87-103	315	225-300
125	99-116	355	255-335
140	110-130		

### Mounting Instructions

- fit Towing Head onto the PE pipe end
- rotate the Towing Eye (1) until tight, thereby pulling the Expansion Cone (5) towards the pipe end and into the Expansion Gripper (3) which is pushed against the inside of the PE pipe and gripping it firmly
- increased towing forces will lead to a tighter grip

## Multiple Towing Heads



- Multiple Towing Head for easy towing several pipes in one go
- towing of several pipes of various diameters is also possible
- pipes of different diameters connected to standard Towing Heads can be attached to the (red) special Multiple Towing Bell for towing in a longitudinal direction



- especially for fiber optic cable installations for simultaneously towing a number of pipes, even of different diameters
- bundled PE protection pipes can be attached to the Multiple Towing Head and towed into a trench or a borehole
- consists of a Towing Bell with a rear fitted plate to which different standard Towing Heads can be attached
- available in different sizes to accommodate PE pipes of different dimensions and/or various quantities
- the multiple Towing Heads keeps the ducts close to the reamer whereas the bell shaped head protects the leading edges of every pipe and simultaneously stabilizes the hole ahead of the pipes