



BOLT-ON TOWING HEAD



The Bolt-On Towing Head has been designed as a cost effective solution to the problem of obtaining a strong and reliable pulling attachment onto larger (400mm +) PE pipes of any wall thickness (SDR).

It is available as a sealed, or unsealed unit making it suitable for both Directional Drilling and Slip Lining applications as well as a method of pulling PE pipes during direct burial installations.

DESIGN

The Bolt-On Towing Head consists of eight equally spaced strong steel legs which radiate out from a central square section steel block. These legs are formed into a conical shape before being attached to the outside of the PE pipe. The conical area is covered by a welded on rolled steel cone, which extends a short distance down the outside of the pipe.

The eight legs are secured to the PE pipe using high tensile countersunk bolts which pass through the pulling heads legs, and pipe wall, into a backing plate onto which nuts have been welded. The use of the backing plates ensures that maximum pulling loads can be achieved and also negates the using of spanners inside of the pipe during attachment of the Pulling Head.

On the sealed variant the Towing Head is supplied already attached to a metre length of capped PE pipe. The unsealed variant is usually supplied as a bare unit suitable for fitting on site to a pipe section.

For applications where it is not desirable to increase the outside diameter of the pipe by even a small amount, i.e. tight fit slip lining, the Bolt-On Towing Head can be manufactured to fit inside the PE pipe and therefore not increase the outside diameter at all.

MODE OF OPERATION

The usual method of installation is to bolt the Bolt-On Towing Head to a short (approx. one metre) length of PE pipe. Once secured this pup piece can then be butt fused onto the end of the pipe string to be installed. It can be reused many times by simply cutting through the pipe close to the butt fused joint, and fusing onto a new pipe string.

MAJOR FEATURES

- Cost Effective
- Strong
- Simple to fit
- Fully reusable

USES

- Directional Drilling
- Slip Lining
- Direct Burial
- Pipe Movements

The company follow a policy of continuous product development and as such reserves the right to make alterations to equipment and techniques without prior notice.

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