



Individual solutions for pull-in of carrier pipes into casing pipes or tunnels

## FIELDS OF APPLICATION

Pipe pull-in and pipe positioning; pull-in of multiple pipes such as pipe bundling; individual solution according to customer requirements, where the requirements exceed the possibilities of a Ranger® II casing spacer



Civil Engineering



Water



Energy



## PRODUCT INFORMATION

### PROPERTIES

- The basic disc is made of polyethylene with corresponding drill holes and gaps for carrier pipes. The drill holes are slightly bigger than the outside diameter of the respective carrier pipes
- Possible additional openings (as required), which facilitate a better flow of filling material
- Wheels made of Polyamide with bolted steel axle (stainless steel on request)
- Connection of various polymer roller rings to each other with pull rods
- Guide rail to prevent twisting (if necessary) which will be fixed in casing pipe by customer.
- The working space in the tunnels, galleries or pipe penetrations must be sufficient according to german standard DGUV.

### FIELDS OF APPLICATION

The polymer roller rings are suitable for the insertion of several cable pipes in relation to plastic pipelines in the field of electricity, gas and water supply.

### DESCRIPTION

In case of socket connections of the carrier pipes (e.g. electrofusion sockets), the sockets can be placed so they are in contact with the polymer roller ring (depending on available space). This prevents axial displacements of the carrier pipes in the feedthrough direction.

### NOTES

- If a steel winch is required for longer lengths, it can be easily fixed on the pull rods without the use of special tools



## CERTIFICATES

### TEXT