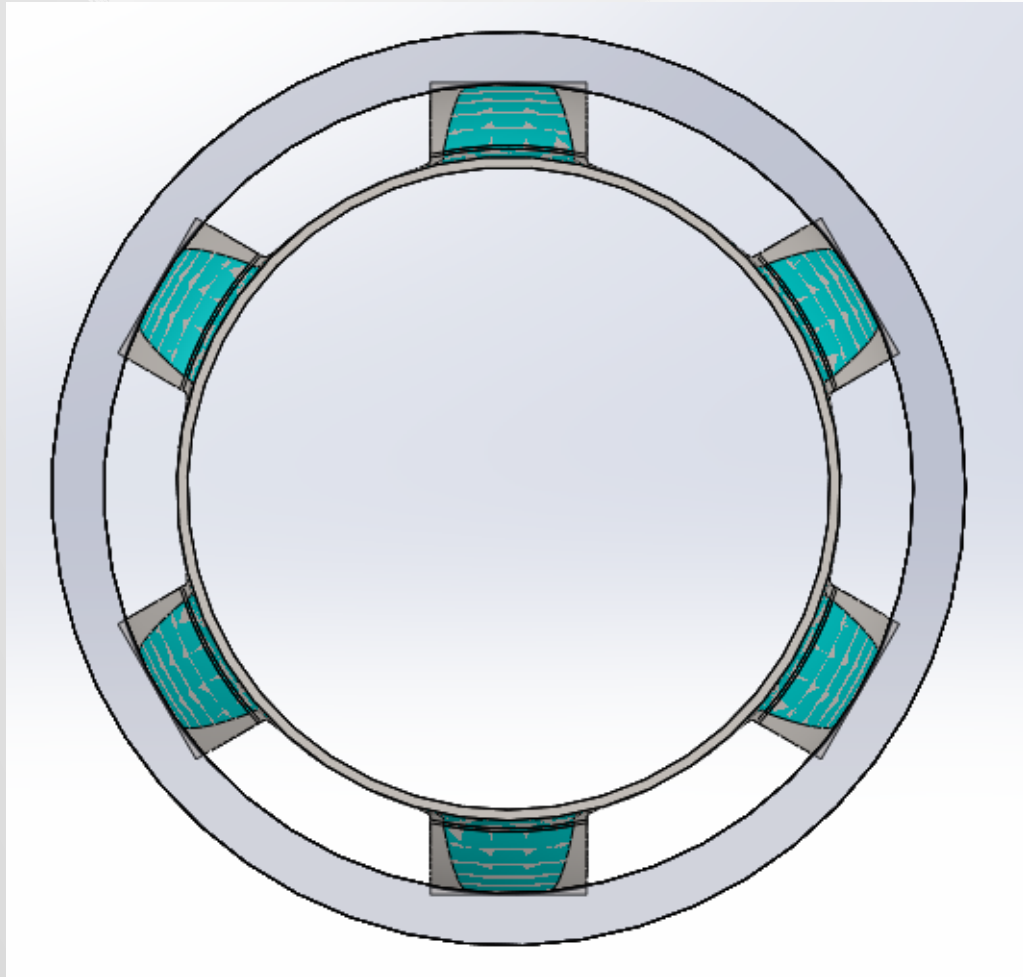


The Maxi-Lizer

- **Single piece, non-weld**
- **High stand-off ratio**
- **High flow-by-area**
- **Flexible yet strong**
- **Interlink Join**
- **Designed to squeeze through a restriction and return with limited loss to OD**
- **High axial load capacity**
- **Fully heat treated**



3D Bow profile & ECD Signature



All our products are designed with the cross-section curvature in mind, ALL single piece products are designed with Zero sharp edges and match the OH or restriction.

- Most competition Centralizers are formed without any cross sectional 'dishing' which exposes sharp edges and create a poor ECD.
- These products are often made oversize therefore can cause damage to the OH, rotary tables, slips etc.
- When the ECD is too high, it can cause the formation to fracture, which can lead to lost circulation and wellbore instability. Therefore, Morpheus products maintain a low ECD signature while running casing to ensure the wellbore remains stable and to minimize the risk of lost circulation and formation damage.
- Also, poor formed bows can give a false restoring force due to "Digging in".

The Helix Range

- Robust, single piece steel solid body
- Provides superior strength & durability
- High strength construction
- Guaranteed stand-off
- Resistance to impact & deformation
- Suitable for a variety of wellbore designs



The Prime Range

- **Single piece, non-weld**
- **Cost – Effective Solution**
- **Designed for non-complex downhole conditions**
- **Simple Design increases efficiency**
- **Versatile**
- **Durable**
- **Suitable for a variety of wellbore designs**
- **High standard of performance**



The S.D.U. Range

- Squeeze Down Unit (under-ream)
- Suitable for under-ream and close tolerance applications
- Designed for use in standard, deviated, vertical & horizontal wells
- Single-piece non-weld.
- Rigorous inspections at every process
- Customized & special sizes available



The T.A.C.T.S Range

- These units are ideal for Extreme Tight Tolerance applications and more demanding deepwater wells and have the ability to rotate on a specially designed, recessed machined sub body that can pass through the narrowest and smallest CT hole restrictions.
- All mechanical properties, such as tensile, collapse and burst pressures, are calculated to ensure the appropriate ratings.
- They can be premium threaded according to the customer specifications.





• Maxi-Lizer:-

Premium Range

• Prime:-

Economy Range

• S.D.U.:-

Squeeze Down Unit (UR)

• Helix:-

Solid Body

• R.B.U.:-

Rigid Body Unit

• T.A.C.T.S.:-

CT Subs

Further models available upon request

Visit PDG.uk.com or email Sales@pdg.uk.com for your free quotation.

