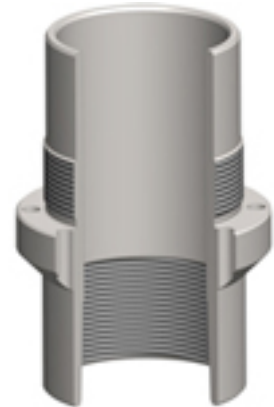


Mandrel Hangers

Mandrel Hanger: Cylindrical part used to hang a tubing or a casing string in a tubing / casing head, where the tubular is connected by a female thread to the mandrel

Standard Features Casing Hangers

- threaded mandrel type hanger, available with standard API threads or premium casing threads
- has a 45° load shoulder and can replace slip hangers in conventional wellhead spools – improves rig time and enhances safety of rig operations
- is a fluted style hanger and allows cement returns up through the riser
- has a lower tonging neck and upper neck with secondary sealing area and lifting thread
- is rated to joint strength of suspended casing



Standard Features Tubing Hangers

- threaded mandrel type hanger, available with standard API threads or premium tubing threads
- has an extended neck which is equipped with interference-type secondary seals
- The compression type primary annulus seal is activated by the tubing weight.
- preparation for backpressure valve as a standard
- available with porting for control and injection lines or preparation for continuous control lines
- also available in both elastomer and metal seal designs

