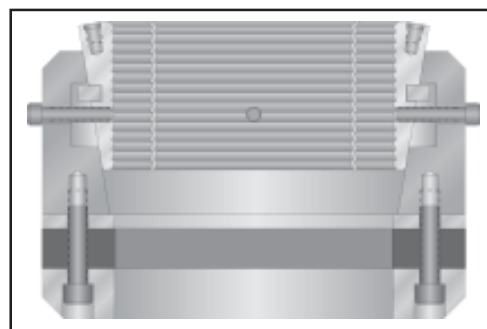


S-22 Casing Hangers

The **S-22** casing hanger is a slip style hanger which automatically seals the casing annulus.

During installation, the hanger is wrapped around the casing and the slip retaining screws are removed, allowing the slips to ride down the internal taper. As the casing slides through the hanger, the segmented slips grab and wedge between the tapered bowl and the casing. The annulus seal below the bowl is automatically energized by the weight of the casing as it is transferred through the slips to the 45° load shoulder in the head or spool.



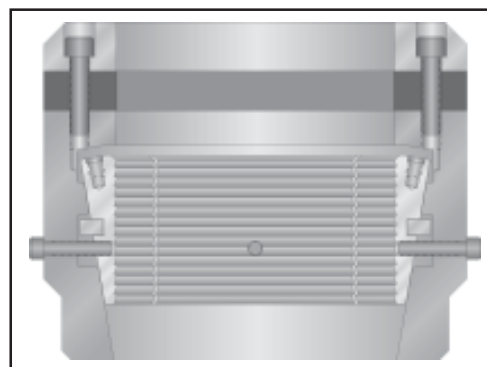
S-22 Casing Hanger

Minimum Casing Loads for S-22 Casing Hangers

Casing weight must meet or exceed those listed in the chart to the right. If the minimum weight is not met, the elastomer seal may not extrude sufficiently to seal against the casing's surface. If the casing weight is in excess of 50% of the casing joint strength, the seal may over-extrude and become ineffective. Alternate hangers are available for these conditions.

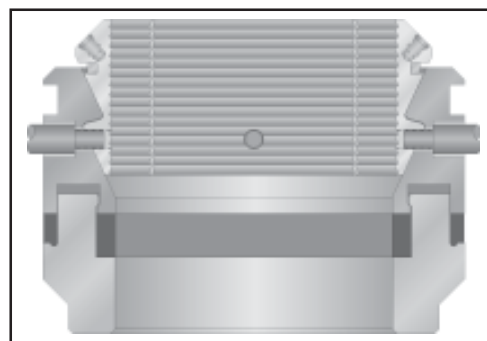
Casing Size	Bowl Sizes			
	11"	13-5/8"	16"	20"
4-1/2" - 5-1/2"	55,000			
7" - 7-5/8"	40,000			
8-5/8" - 9-5/8"		58,000		
10-3/4"			77,000	
13-3/8"				150,000

The **S-22-NL** casing hanger is appropriate for no load or mudline applications. The slips are set by pulling slight tension on the casing. When the tension is released, the slight casing movement sets the slips. The annulus seal above the slips is energized manually after the BOP stack is removed.



S-22-NL Casing Hanger

The **S-22-HL** casing hanger accommodates loads in excess of 50% of the casing joint strength. The double wedge back slip design permits the same length of slip to support a higher load without impinging the casing. The design also features a positive stop which limits extrusion of the seal.



S-22-HL Casing Hanger