



Website: www.hbjrsyjx.com

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Hebei Jerry Petroleum Machinery Co., Ltd.

SPRING Centralizer

Hinged bow spring centralizer is a traditional processed and economic centralizer, this kind of centralizer is used in general vertical or slightly deviated wells. In the past, this kind of bow spring centralizer is with the highest restoring force and the lowest starting force, so they are widely used in the drilling or cementing job. But now it is not the highest restoring force bow spring centralizer. It is a simple way to increase the restoring force according to bow height.





SINGLE PIECE Centralizer

API single piece centralizer performs satisfactorily in open hole as well as cased.hole. These high quality product, developed to meet and exceed API 10D specifications for using in highly demanding downhole conditions. Single piece centralizer combines the highest restoring force with zero start force and zero running force. The single piece centralizer is used to position the casing in the center of the wellbore in vertical deviated and horizontal wells. The single piece centralizers are available in size 4-1/2" to 20". Any special sizes or combination can be available on requirement.





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With the advantages of spring centralizer The spinning disk on the centralizer string can work closely with casing to form a whirl channel to improve the efficiency of cement slurry displacement



**TURBULENT Spring
Centralizer**



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The offset bow is a robust, ultra-high-strength, one-piece construction bow spring centralizer with no weak points, such as hinges or mechanical interlocks and with the flexibility to absorb both axial and radial loading. The offset bow UROS shows significant reduction on initial insertion forces as well as substantial reduced running forces through the previous set casing. Once through this compressed stage the unit will revert to gauge, maximizing stand-off with zero drag.



**OFFSET BOW
Spring
Centralizer**

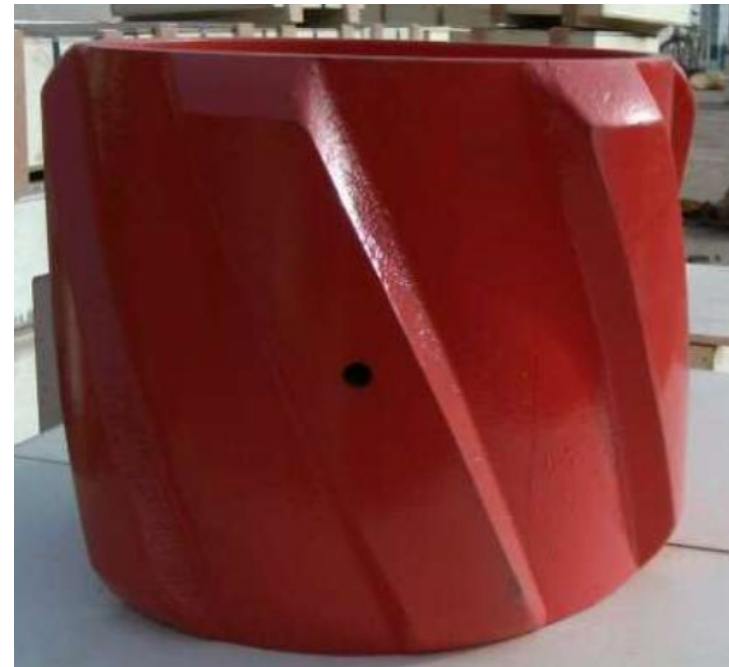


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Spiral vane steel solid rigid centralizers are developed to meet the need for better cementing in high deviated and horizontal well. Spiral vane steel solid rigid centralizers are designed to provide optimum flow area. The 360degrees overlapping solid vane provides maximum wall contact and fluid swirl. Reduced flow area between the spiral blades produces a vortex motion of the fluids for more fluid velocity with direction. The 30-degree slope of the vane end reduces drag and aids the casing in reaching TD

SOLID RIGID Centralizer





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COMPOSITE Centralizer

The composite centralizer is used during running and cementing operations to centralize casing. Made of advanced composite, the one piece centralizer has a low coefficient of friction, it is heat resistant which is highly durable and greatly enhances cementing operations.





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Roller centralizers are mainly used for big high Roller, high deviated wells and horizontal wells, to centre casings. Roller Centralizers can also remove wellbore cake and improve mud replacement efficiency etc. Roller Centralizers provide superior wear resistance and have been proven to remain functional throughout the life of the well and can aid in casing/tubing retrieval. Roller Centralizers are available in sizes 4 1/2" to 20". Any special sizes are available on request.

ROLLER Centralizer



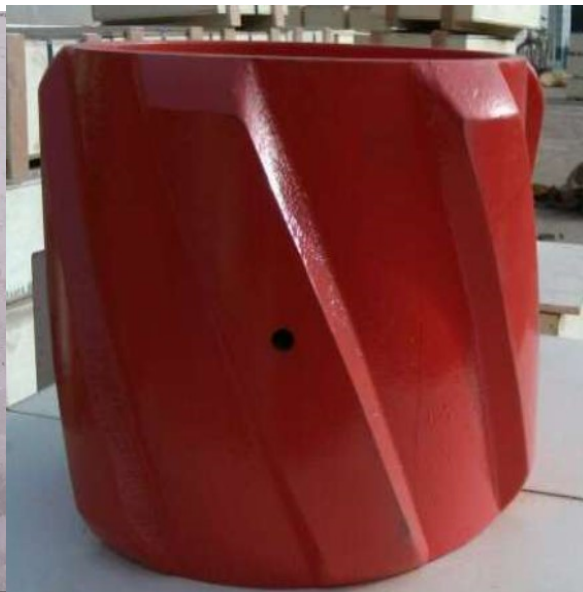


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PRESET FORCECentralizer

With the advantages of rigid and semi-rigid centralizer, suitable for irregular well bore. The centralizer strip can deformed when passing through the necking down string, it easy to let casing go through. The force of centralizer strip can preset according to the requirement of client.





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Slip on set screw stop collar ring is a one-piece stop collar. The outside ends of these heavy duty stop collar are generally tapered to a degree (single piece develled/double develled) which helps to hold the casing centralizer and avoid the ends to hit the Bows/ Vanes when the casing centralizers are placed over them. This kind of set screw stop collar is recommended for small hole operation. It is used when holding force requirement is very high. The Slip on Set Screw Stop Collar are available in sizes 4-1/2" to 20"

SLIP ON Stop Collar



HINGED WITH Bolt Type Stop Collar





Cementing basket is a isolation device used in the process of suspending the sealing cement segments to prevent the occurrence of displacement and settlement between the grout and drilling liquid. It amounted on the bottom of the suspend sealing segment. It used to support the grout in the annular, it can prevent or reducing the loss of the grout and protect the weak stratum structure, in order to prevent he excessive weight of the cement segment static pressure.It usually mounted on the casing string on the above of weak stratum structure, but it also used on the stage cementing and surface cementing, each fin of the basket an provide maximum flexibility and fluit channel while maintaining optimized support feature

Cementing

basket





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Tubing Centralizer Series





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