



CASING ACCESSORIES

Introduction

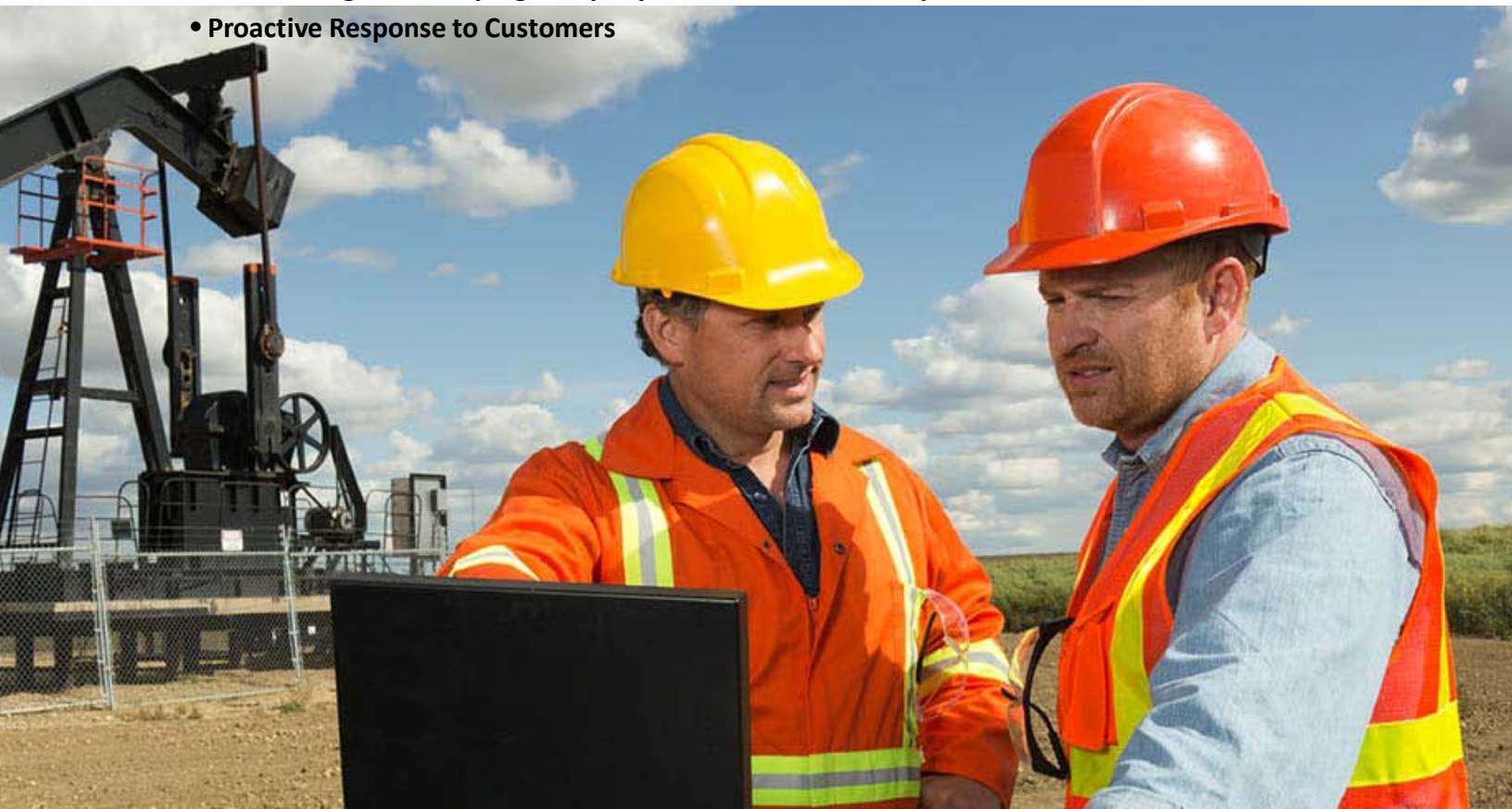
CPS is one of the leading certified company based in Vasai – Maharashtra. **CPS** is involved in manufacturing of Oil and Gas Equipments, with a state of art facility having the latest machineries to meet the quality standard of Oil and Gas industry.

Completion Equipments act as a barrier between the Surface and Reservoirs as they are heart of every completion. We at **CPS** understand the philosophy that any Loss of Production or Well Integrity can be saved with a proper selection of tool. With complete integrity, **CPS** has rights to manufacture Conventional Gas Lift Valve, Conventional Gas Lift Mandrel, Wireline Gas Lift Valve, Wireline Dummy Valve, Latches, Floating Equipments and centralizers to meet the demand of the global oil & gas market.

CPS has a well established testing facility includes TRO testing, Aging , hydro and shelf test to validate our products in different necessary aspects needed to fulfill the product requirements. We are in process for setting up flow loop facility, and High Temperature and High Pressure Testing cell to test our products in real environment.

We are focused on

- Quality of Products
- On time Delivery
- Fair Product Price
- Maintaining & Developing Company-Customer Relationship
- Proactive Response to Customers



Why us

- CPS has implemented Quality Management System compliance to API Spec Q1 9th Edition and has zeal to improve in all aspects to provide best products and services.
- CPS competitive thrust has been achieved by some stringent quality programs.
- CPS has installed quality checks coupled with the best testing facilities and have invested in the latest testing equipments.
- CPS has Innovative and well qualified passionate team to provide engineered solutions to all customer requirements.
- CPS has latest machineries and quality instruments to meet the manufacturing requirements along with desired quality .
- CPS has Testing unit to test and validate products to various API specification.

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Product Range

- *Float Collar*
- *Float Shoe*
- *Reamer Shoe*
- *Cementing Plugs*
- *Centralizers*
- *Casing Accessories*



Cementing Equipments

Cementing Equipment are used in lower section of the well. Basic cementing equipment include the float shoe, float collar, guide shoe and cementing plug. Basic function of float equipment:

- To guide casing, and help in reducing strain on derrick while passing through ledges zones in wellbore.
- To prevent back flow of the cement into casing.
- To provide Landing Platform to cementing plug.
- Available in all Sizes upto 20.0"

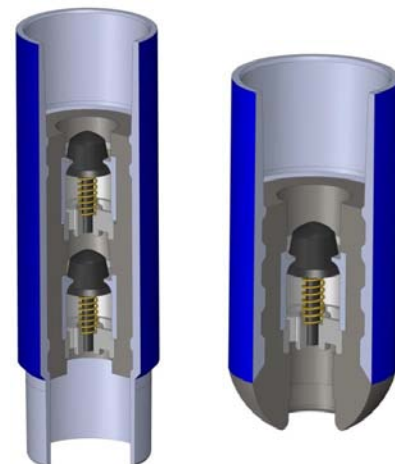
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Float Collar(2-7/8"-20.0")

Float Collar is installed one or three joints above Guide Shoe or Float Shoe. It works as Landing platform for Cementing Plug during the cementing operation. The area between Float Collar and Float Shoe contains semi-contaminated fluid collected through wiping action of cementing plug, during the float shoe against the contaminated fluid.

These are two types of float collar:

1. Conventional Type (Single or double valve)
2. Non rotating Type (Single or double valve)



Float Shoe(2-7/8"-20.0")

Float Shoe performs all the functions which a guide shoe performs, in addition a one way check valve is assembled inside it which prevents backflow of fluid inside the casing after cement placement in annulus while it allows circulation down through the casing.

Reamer Shoe(4-1/2"-20.0")

Reamer Shoe is float shoe designed for potentially difficult wellbores having obstructions, swelling shale's, ledges, etc.



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Features

- Spiral Vanes – For Non aggressive reaming action. It reduces torque build up on thread connections.
- Carbide Tips – For Tight Spots. These tips are provided in Hard Die Steel and Carbide material.
- Eccentric Nose– For guiding casing to total depth while running in hole.
- Drill ability– PDC Drillable.
- Surge Pressure reduction on formations

Cementing Plugs(4-1/2-13-3/8")

Cementing Plugs are used for wiping out the Inner wall of casing string and minimize contamination of cement slurry. There are two types:

- Conventional Cementing Plugs
- Non-Rotating Cementing plugs

Conventional Cementing Plugs

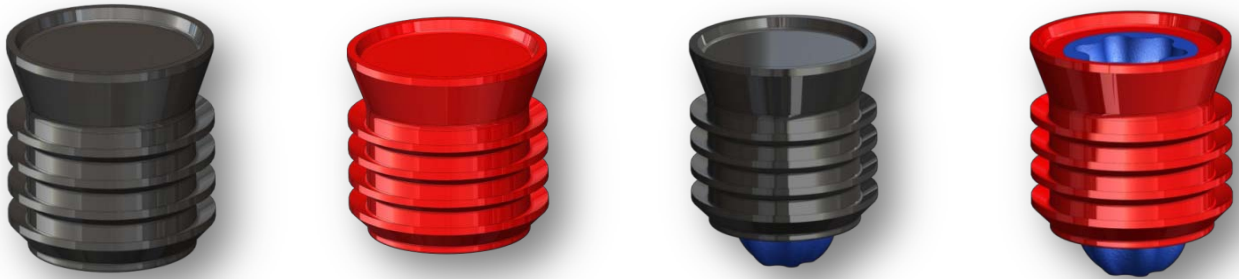
Conventional Cementing Plugs consist of Rubber fins to wipe out inner wall of casing string. It is available in all standard sizes and can be made in special sizes if required.



Non Rotating Cementing Plugs

Non-Rotating Cementing Plugs are manufactured with Non-Rotating Profile which is compatible to CPS Non-rotating Float Shoe/Collar. These plugs considerably reduce the drilling time. It is available in all standard size s. Special Sizes can be made on requirement.

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Centralizer(4-1/2-13-3/8")

Centralizers are used for centralization of casing string. Proper centralization of casing string is of much importance for quality primary cementing. Improper Centralization can lead to various cementing problems such as zonal isolation and inappropriate casing support. There are two types:

- Bow Spring Centralizer
- Rigid Centralizer

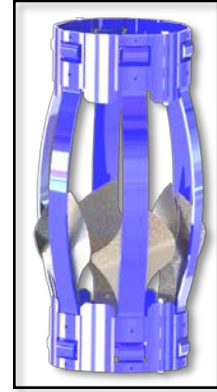




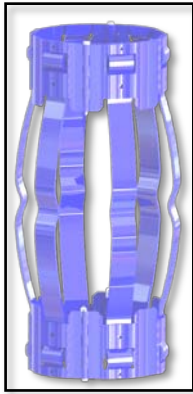
**Hinged Non-Welded
Bow Spring Centralizer**



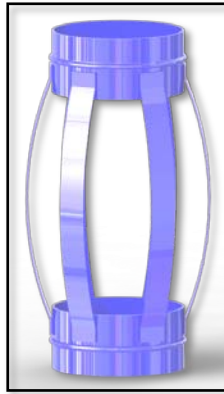
**Single Piece Bow Spring
Centralizer**



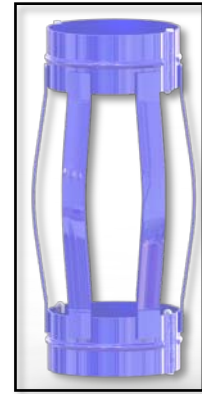
**Hinged Non-Welded
Bow Spring Turbolizer**



**Hinged Non-Welded
Semi-Rigid Bow Spring
Centralizer**

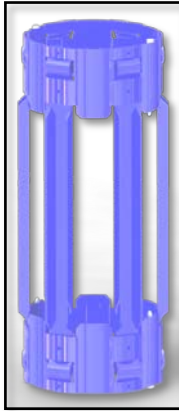


**Slip On Welded
Bow Spring
Centralizer**

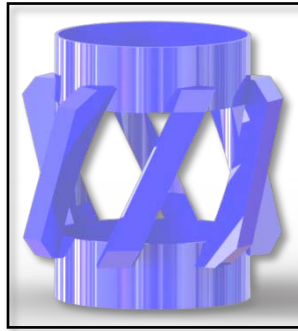


**Hinged Welded Bow
Spring Centralizer**

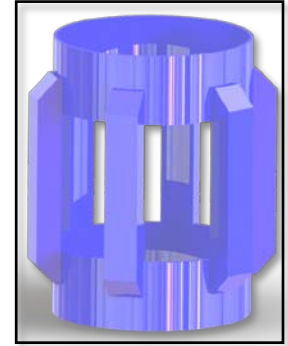




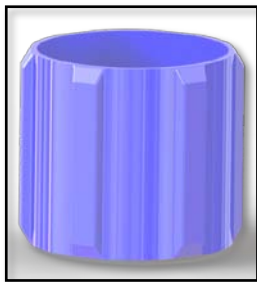
Hinged Non-Welded Positive Rigid Centralizer



Slip On Welded Spiral Vane Positive Rigid Centralizer



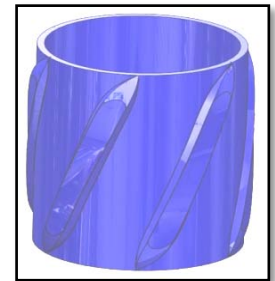
Slip On Welded Straight Vane Positive Rigid Centralizer



Straight Vane Solid Rigid Centralizer



Straight Vane Solid Rigid Centralizer with Set Screw

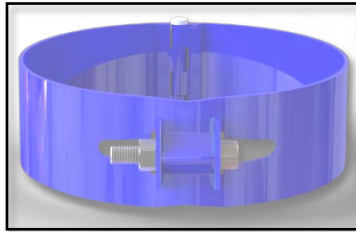


Spiral Vane Solid Rigid Centralizer

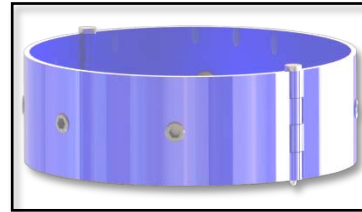


Stop Collar (4-1/2-13-3/8")

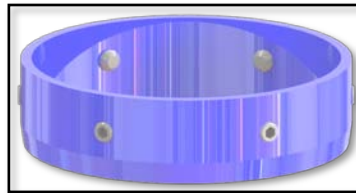
The main function of the stop collar is to keep the centralizers and the casing attachments right on the casing. Usually the stop collars are available in four styles and can fit 2-3/8" to 20.0" size pipe.



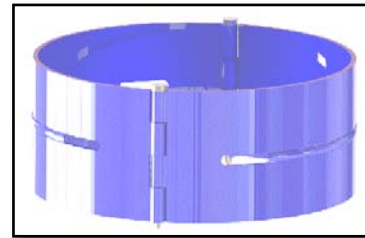
Hinged Bolted Stop Collar



Hinged Set Screw Stop Collar



Slip On Set Screw Stop Collar



Hinged Spiral Nail Stop Collar

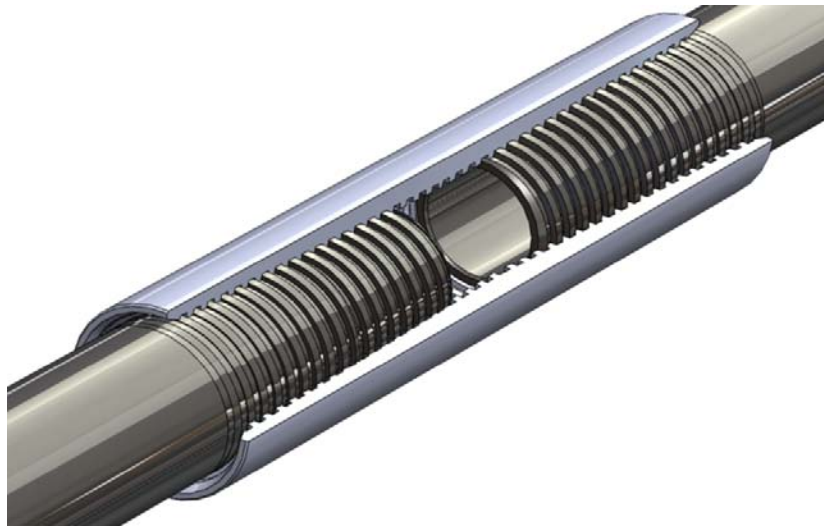


Casing Accessories

Coupling(2-3/8"-13-3/8")

A short length of pipe used to connect two joints of casing. A casing/tubing coupling has internal threads (female thread form) machined to match the external threads (male thread form) of the long joints of casing/tubing. The two joints of casing are threaded into opposite ends of the casing coupling.

Couplings are available in EU, NU, LTC, STC and BTC thread. Coupling dimension will be as per API specification.



Pup Joints

A **pup joint** is a pipe of non-standard length used to adjust the length of tubular strings to its exact requirement. API casing and tubing **pup joints** are manufactured according to API Spec 5CT .

Pup joints are available in 2.0' ,3.0', 4.0', 6.0',8.0' and 10.0' length with upset and non upset design.

For any further query please contact us on



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