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## Hinged Bow Spring Centralizer

- The hinged bow spring centralizer combines collar and bow, the bow is good role in restoring force.
- This kind of bow spring centralizer is traditional bow spring centralizer, the features are low price, easy installation and shipment.
- There are two kinds of bow spring centralizers, hinged type and slip on. For hinged centralizer, the collar combines steel plate and pin, but for slip on centralizer, the collar is only steel ring.
- According to welded bow or not on the collar, we have hinged non welded bow spring centralizer and hinged welded bow spring centralizer.
- According to bow quantity in one centralizer, we have single bow spring centralizer and double bow (dual contact) bow spring centralizer, although these two kinds of centralizers have same function, many customers use the single bow spring centralizer as their first choice.
- They are different materials for collar and bow, for collar, it is Q235 steel, the bow, we must use 65Mn steel and do heat-treatment, what we do is to increase restoring force. As we know the flexing of bow is an important factor in downhole drilling conditions.
- After bow spring centralizer production, we need powder baking coating in order to be dust free and make it beautiful.
- Our hinged bow spring centralizer sizes are from 4-1/2 inch to 20 inch, any special sizes are available according to your requirement.
- Our hinged bow spring centralizer is designed for vertical where low starting force as well as high restoring force is required.



Left: Hinged Non Welded Bow Spring Centralizer

Right: Hinged Welded Bow Spring Centralizer

For more detail, please click the URL:

<http://www.casingcentralizer.com/products/bow-spring-centralizers/hinged-bow-spring-centralizer.html>