



濮阳中石集团有限公司 Puyang Zhongshi Group Co.,Ltd

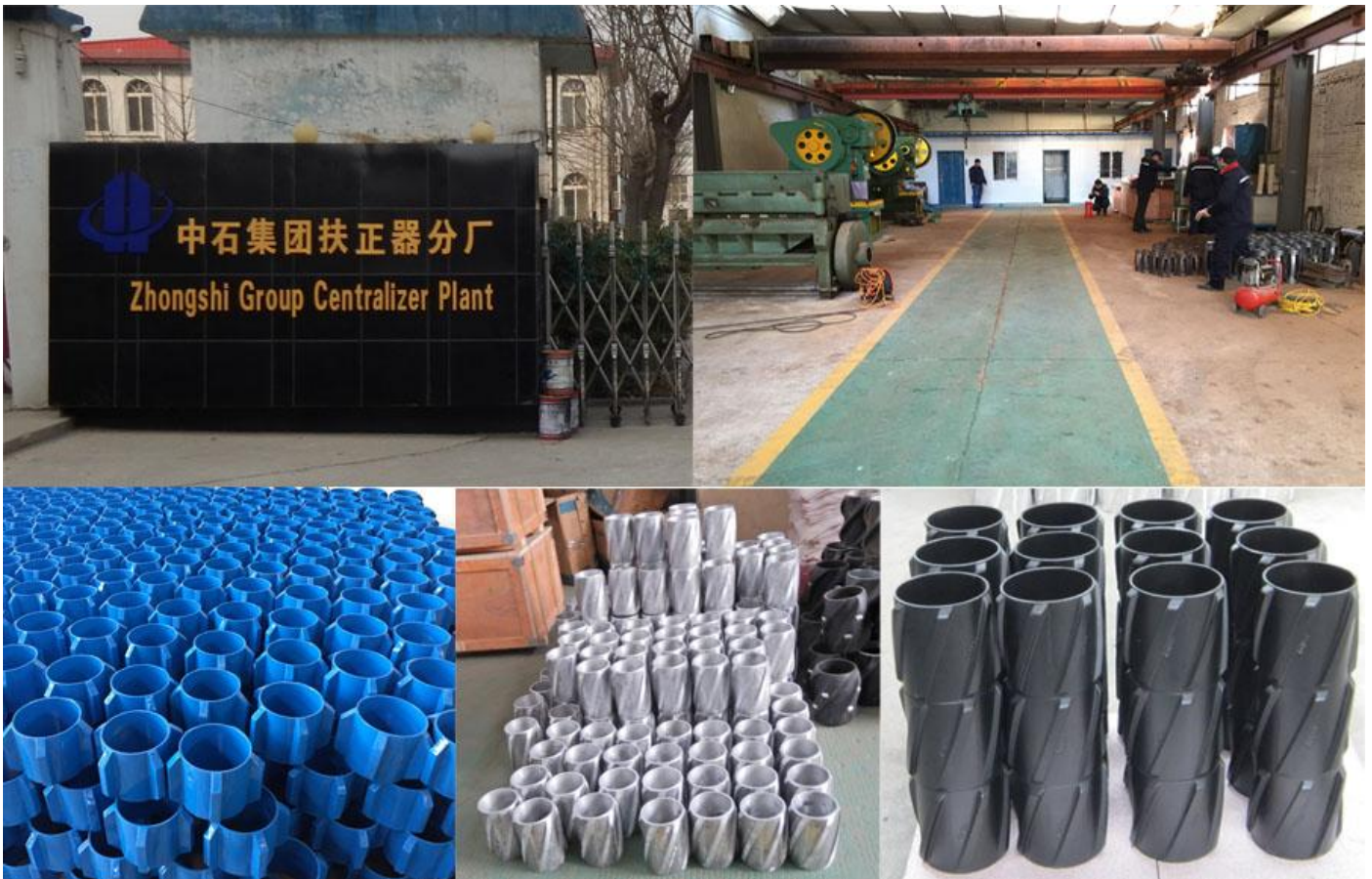
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About Puyang Zhongshi Group

Founded in 1997, Puyang Zhongshi Group designs and manufactures casing centralizers including bow spring centralizers, solid [rigid centralizers](#) and stop collars. Our casing centralizers are manufactured and tested according to API Specification 10D. Based on our extensive oilfield experience, each product is engineered to deliver high value and reliability.





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API 10D Certificate for Solid Rigid Centralizers

Certificate of Authority to use the Official API Monogram

License Number: 10D-0030

ORIGINAL

The American Petroleum Institute hereby grants to

PUYANG ZHONGSHI GROUP CO., LTD.
Ma Zhuang Qiao
Puyang City, Henan Province
People's Republic of China

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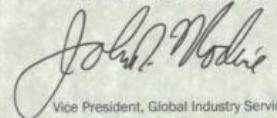
The scope of this license includes the following: Casing Centralizers

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: **OCTOBER 28, 2014**
Expiration Date: **OCTOBER 28, 2017**

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American Petroleum Institute


Vice President, Global Industry Services



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Overview of Solid Rigid Centralizers

Solid rigid centralizers are one part of cementing process for production, the rigid centralizer can centralize and then hold casing away from the well bore and remove the mud for cement. High quality construction of rigid centralizer provides great strength and downhole integrity. Puyang Zhongshi Group provides full ranges of rigid centralizers to satisfy your inquirement.



Straight Blade(Left)



Spiral Blade(Right)



Roller Centralizers



RIGID CENTRALIZERS FAMILY



Aluminum Alloy



Composite Material



Single Piece Type



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Solid Rigid Centralizers Series

Steel Rigid Centralizers:

A Series: Straight Blades Rigid Centralizers and Spiral Blade Rigid Centralizers

B Series: Left Hand Spiral Blades Rigid Centralizers and Right Hands Rigid Centralizers

C Series: Roller Centralizers

D Series: Single Piece Type Rigid Centralizers and Casting Steel Type Rigid Centralizers

E Series: Long Type Rigid Centralizers and Short Type Rigid Centralizers (Height of Rigid Centralizers)

Composite Centralizers:

A, B, C and E series are available

Aluminum Alloy Rigid Centralizers:

A, B and E series are available

Zinc Alloy Rigid Centralizers:

A, B and E series are available

Slip On Welded Positive Spirolizer:

Order Suggestion of Solid Rigid Centralizers

1. O.D of Casing Pipe
2. I.D of Hole
3. Height of Rigid Centralizer
4. Material of Rigid Centralizer
5. Blade Type of Rigid Centralizer
6. Roller are available or not on the Rigid Centralizer
7. Setscrews are available or not on the Rigid Centralizer, they will replace the function of stop collar
8. Construction Color of Rigid Centralizers, Red, Blue, Orange are recommended.

Installation of Solid Rigid Centralizers

Rigid centralizers can be installed on the casing with stop collars or with integral set screws. Installations that allow casing rotation and reciprocation are preferred because of improved displacement efficiency.

This helps eliminate the risk of collapsing the centralizer assembly as it is forced through tight spots or high-drag sections of the wellbore.



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Contact US for Solid Rigid Centralizers

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