



插入式固井工具

Stab-in Cementing Tools

使 用 维 护 说 明 书

USER MANUAL

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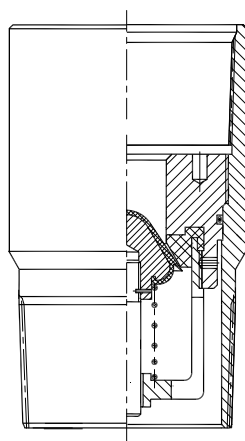
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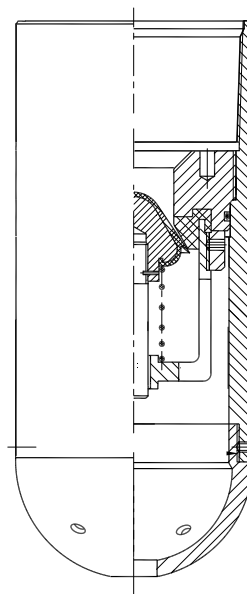
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1、产品特点及用途 PRODUCT FEATURE AND USAGE:



插入式浮箍

Stab-in Float collar



插入式浮鞋

Stab-in Float shoe



带扶正器的插入工具

Stab- in stinger with centralizer



插入工具

Stab- in stinger



钻杆扶正器

Drill pipe centralizer



钻杆胶塞

Flexible latch-in plug



插入工具密封圈

O ring seal

- 内部是可钻性材料，用牙轮钻头或 PDC 钻头轻松钻除。

Internal latch and valve are readily drillable with tri-con and PDC bits.

- 独特的设计可以防止液流的冲击和侵蚀，确保可以长时间的循环，密封可靠。

The unique design prevents impingement and erosion of the seal by the circulation fluids, ensuring postive sealing after prolonged circulation.

- 可应用于水平井和大斜度井。

Applications in horizontal or highly-deviated wells.

2、主要技术参数 MAIN TECHNICAL PARAMETERS:

规 格 Specifications	最大外径 MAX O.D. mm	正向承压 Postitive Pressure MPa	反向承压 Reverse Pressure MPa	水眼 Water hole
9 ⁵ / ₈ " (Φ244.5mm)	Φ270	25	30	Φ65
9 ⁷ / ₈ " (Φ250.83mm)	Φ276	25	30	Φ65
10 ³ / ₄ " (Φ273mm)	Φ299	25	30	Φ65
11 ³ / ₄ " (Φ298.45mm)	Φ325	25	30	Φ65
12 ³ / ₄ " (Φ324mm)	Φ351	25	30	Φ65
13 ³ / ₈ " (Φ339.7mm)	Φ365	21	21	Φ65
13 ⁵ / ₈ " (Φ346.08mm)	Φ371	21	21	Φ65
16" (Φ406.4mm)	Φ432	21	21	Φ65
16 ³ / ₄ " (Φ426mm)	Φ451	21	21	Φ65
18 ⁵ / ₈ " (Φ473.1mm)	Φ508	21	21	Φ65
20" (Φ508mm)	Φ533.4	21	21	Φ65

插入式浮箍浮鞋的联接螺纹 Connection Thread:

- API: EUE 、 NUE 、 LTC、 STC、 BTC.
- GOST: OTTM.
- Premium Connections: Tenaris hydril, JFE, TPCQ, WSP, VAM, HUNTING, Bao Steel.

3、使用方法及注意事项 USE METHOD AND ATTENTIONS:

3.1 将套管接箍丝扣清洗干净，并涂上螺纹脂，然后用液压钳将浮鞋和浮箍与套管接箍联接上紧。

Clean the thread of casing coupling,coat with thread compound,then connect the float shoe & float collar and casing coupling with hydraulic tongs.

3.2 然后下放套管，将套管下至预定井深位置时，固井侯凝。

Then downhole the casing,when insert the casing into a predetermined depth,wait for the cement solidification.

3.3 在下放套管过程中，要注意控制套管下放速度，防止下放过速产生的压力激动而压裂脆弱地层；

In the process of lower casing,attetion should be paid to control casing downhole speed,in case pressure generated by faster release of casing fracture weak stratum.

3.4 控制套管内外静液柱压差，最大掏空深度不大于 600 米。

Control the pressure difference between internal and external casing hydrostatic fluid,maximium empty depth no more than 600meters.

3.5 在贮存时，一定要在丝扣表面涂防锈油，在搬运时，防止丝扣碰坏。

When storage, make sure to coat anti-rust oil on surface of threads,when move,prevent thread damage.