

# 使用维护说明书

## STOP COLLAR USER MANUAL

### 山东赛高石化设备有限公司

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#### SHANDONG SAIGAO GROUP CORPORATION

地 址：山东省济南市历下区经十路 12111 号  
Add: Lixia District, No 12111, Jingshi Road,  
Jinan City, Shandong Province. P.R. China  
电 话(Tel): 86-531-69959201

邮 编：250012  
Postcode: 250012  
E-mail: sales@saigaogroup.com  
传 真(Fax): 86-531-69959201

卡箍（止动环）又叫限位环、止动圈、制动圈等。可将套管扶正器或水泥伞置于套管本体上的任意部分，确保扶正器的安放位置满足设计要求。有紧定螺钉式、铰链螺栓式和铰链销钉式三种。

Stop collar (stop ring), called position ring, stop circular, brake ring, etc.

Hold centralizers or cement baskets on any position of casing, which ensures the positions of centralizers or cement basket to meet the design.

The stop collars are available in three types: set screw type, hinge bolt type and hinge pin Type.



Product No.ST-01

Set screw type



Product No.ST-02

Hinge bolt type



Product No.ST-03

Hinge pin type

- Set screw type stop collar is a solid band stop collar with no hinges, and use set screws to lock the collar to the casing. Designed for close tolerance applications, these stop collars slide over the end of the casing. They are used for locating liner centralizers, casing rigid centralizer and semi-positive centralizers on the casing string.
- Hinge bolt type stop collar is designed to latch on to the casing without having to be slipped over the end of the casing allowing for a quick and easy installation. These stop collars incorporate a hinge with the locking mechanism being located 180 degrees from the hinge. A single bolt is used to tighten the stop collar does not produce markings or indentations on the casing after installation. The holding force of the stop collar after proper installation is up to 1000% higher than the allowable centralizer starting force as specified in API SPEC 10D.
- Hinge pin type stop collar is hinged and utilizes two(or three) pins that are driven between the stop collar and the casing to effectively lock the stop collar to the casing. The pins are installed by the use of an air impact hammer. These stop collars are most effective where low annular clearance is encountered.