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Products Overview

Cementing Casing Accessories

Overview

Welded Bow Spring Casing Centralizer

Non Welded Bow Spring Casing Centralizer

Flex Band Bow Casing Centralizer

BowTurbolizer Casing Centralizer

Special Clearance - HRS Centralizer

Semi Rigid DB & SB Centralizer

Positive/Rigid Centralizer

Positive Bar Centralizer

Solid Body Spiral Blades Centralizer

Stop Collar

Cementing Float Equipment

Cementing Plugs

Coupling & Connectors

Drilling & Production Equipment

Various Products and Equipment

Download Catalogue

Centralizer Placement Software

Non Welded Bow Spring Casing Centralizer

ASTA offers a full line of patented, non-weld centralizers. The centralizers feature a unique interlocking adjournment between the end collar and bow spring, which makes for a strong singular unit. ASTA Non-Welded centralizers are designed to exceed the performance requirements of API Specification 10D for both starting and restoring forces.

Other design features of the Type Non-Welded centralizer include:

- Bow springs made of spring steel which has been heat treated and hardened tempered to ensure proper and consistent spring characteristics.
- End collar hinges are folded toward inside. This way will minimize the collar stretch that tends to occur when centralizers encounter tapers, commonly found in certain type of pipe connections.
- A reinforcing rib stamped into the end collar. This way will strengthen and preserve it's round configuration during transport
- Several different spring bow heights that are available to accommodate most of casing-to-hole configuration.
- Centralizers with built-in stop devices as well as those of uncommon sizes are available based on request.

Table 1: Non-Welded Centralizer Product Specification

CASING SIZE (IN)	HOLE SIZE (IN)	NUMBER OF BOW	BAND ID (IN)	AVERAGE BOW OD (IN)	AVERAGE LENGTH (IN)	PART NO
3 - 1/2	4-3/4 ~ 6	4	3-5/8	5-1/4 ~ 6-1/2	20	173560
4	6 ~ 8-1/2	4	4-1/8	6-1/2 ~ 9	20	174060
4 - 1/2	6 ~ 8-1/2	4	4-5/8	6-1/2 ~ 9	20	174560
5	6-1/2 ~ 8-3/8	4	5-1/8	7 ~ 8-7/8	20	175061
5 - 1/2	7-5/8 ~ 8-3/8	4	5-5/8	8-1/8 ~ 8-7/8	20	175578
6 - 5/8	8-3/8 ~ 8-3/4	4 / 6	6-3/4	8-7/8 ~ 9-1/4	22	176683
7	8-1/2 ~ 12-1/4	4 / 6	7-1/8	9 ~ 12-3/4	22	177085
7 - 5/8	9-1/2 ~ 12-1/4	4 / 6	7-3/4	10 ~ 12-3/4	22	177695
8 - 5/8	9-1/2 ~ 12-1/4	4 / 6	8-3/4	10 ~ 12-3/4	22	178695
9 - 5/8	12-1/4 ~ 14-3/4	6 / 8	9-3/4	14 ~ 15-1/4	22	178695
10 - 3/4	14-3/4 ~ 16	6 / 8	10-7/8	15-1/8 ~ 16-1/2	22	171013
11 - 3/4	14-3/4 ~ 16	6 / 8	11-7/8	15-1/8 ~ 16-1/2	22	171113
13 - 3/8	16 ~ 17-1/2	6 / 8	13-1/2	16-1/2 ~ 18	22	171317
16	20 ~ 22	6/8/10	16-1/8	20-1/2 ~ 22-1/2	26	171620
18 - 5/8	22 ~ 26	8/10/12	18-3/4	22-1/2 ~ 26-1/2	26	171822
20	24 ~ 26	8/10/12	20-1/8	24-1/2 ~ 26-1/2	26	172024

Notes: (*) Close tolerance-internal stop collar

1. Where two bow spring sizes are indicated, the lower should be used for smaller hole sizes or with light wt. csg. and 2 centralizers per joint installations.
2. Type 12 and 16 bow springs are identical, 12 is for notched-in, 16 for lap-welded close tolerance centralizer.

Ordering Suggestions

To assure the correct size and type of equipment is obtained, please specify:

1. Casing O.D on which the equipment will be used.
2. Hole size or casing I.D in which the equipment will be placed.

- 3. Any restriction through which the equipment will be run.
- 4. If casing or tubing is externally "upset".

Product Picture



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