

CASING CENTRALIZER

Spring Casing Centralizer

PPGL provides various non-welded bow spring centralizers, which are designed and manufactured as per API Spec 10D.The popular styles available are non-welded single bow spring centralizer, and double-bow spring centralizer with high reliable quality, which can be used to replace Weatherford centralizer.

Spring Centralizer Characters:

Super-strengthen spring steel, Model processing, no rivet , no welding 3-section structure for easy transport. Starting and resetting force conform to API standard. Easy for installation.





Single Bow Centralizer

Double Bow Centralizer

Non-welded Bow Spring Centralizers

Technical specifications of Non-welded Bow Spring Centralizer

Centralizer Spec. (in)	20	18-5/8	16	14	13-3/8	12-3/4	10-3/4	9-5/8	7-5/8	7	6-5/8	5-1/2	5	4-1/2
Casing Size (in)	20	18-5/8	16	14	13-3/8	12-3/4	10-3/4	9-5/8	7-5/8	7	6-5/8	5-1/2	5	4-1/2
Open Hole Size (in)	24 26	22 24	20 22	18	17-1/2	17-1/2	12-1/4	12-1/4	9-7/8	8-1/2	8-1/2	8-1/2	6-1/2	6
Max. O.D. (mm)	650 714	590 680	550 613	484	470	466	370	375	273	252	245	256	190	181

Rigid Casing Centralizers

As one useful cement tool, rigid casing centralizer enables casing run easily in wellbore with its shape of stream-lined. There are two kinds of Rigid Centralizer available: spiral blade rigid centralizer and straight blade centralizer.

The material for both kinds of centralizers can be cast steel or cast aluminum.



Rigid Centralizer



Technical specifications of Rigid Centralizers

Rigid Centralizers Specification (in)	13-3/8	10-3/4	9-5/8	7-5/8	7	5-1/2	5	4-1/2	4
I.D. (mm)	343	276	247	197	180	143	130	117	104
Max. O.D. (mm)	400	308	308	243	212	213	151	148	118
Height (mm)	130	120	120	120	120	120	120	100	80