

Welded Solid Body Centralizers



Solid-body Welded Centralizers have ribs that are welded to a continuous steel sleeve. The ribs, or blades, may be straight or angled (spiral-vane) to provide flow diversion. Ribs provide sufficient contact with the wellbore to provide centralization but prevent wall sticking. They can be installed stationary to the casing (set screws) or free to rotate. Length of movement is determined by placement of stop devices or length of casing joints.

- Maintain centralization through positive stand-off.
- Provide rugged centralization that is less likely to be damaged when running in the hole.
- Reduce torque required to rotate the casing.
- Straight-vane reduces the drag forces when running casing.
- Low coefficient of friction.
- Spiral-vane provides flow diversion which improves mud removal and evenly distributes cement around the casing.

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Casing Size	Sleeve ID	Sleeve OD	Vane OD	Hole Dia	Vane Width	No. Of Vanes	No. Of Set Screws
2.375	2.500	2.875	3.500	3.750	0.750	3	6
2.875	3.000	3.375	4.250	4.750	0.750	3	6
2.875	3.000	3.375	5.750	6.000	0.750	3	6
3.500	3.625	3.875	4.500	4.750	0.750	4	12
3.500	3.625	3.875	5.750	6.000	0.750	4	12
4.000	4.125	4.500	5.250	5.500	0.750	4	12
4.500	4.625	5.000	5.750	6.000	0.750	4	12
4.500	4.625	5.000	6.000	6.250	0.750	4	12
5.000	5.125	5.500	6.000	6.250	0.750	4	12
5.000	5.125	5.500	6.500	6.750	0.750	4	12
5.500	5.625	6.000	6.500	6.750	0.750	4	12
5.500	5.625	6.000	6.750	7.000	0.750	4	12
5.500	5.625	6.000	7.375	7.875	0.750	4	12
5.500	5.625	6.000	8.250	8.500	0.750	4	12
6.625	6.750	7.000	7.375	7.875	0.750	6	18
6.625	6.750	7.000	8.250	8.500	0.750	6	18
7.000	7.125	7.500	8.250	8.500	0.750	6	18
7.000	7.125	7.500	8.500	8.750	0.750	6	18
7.625	7.750	8.125	8.500	8.750	0.750	6	18
7.625	7.750	8.125	9.375	9.875	0.750	6	18
7.750	7.875	8.250	9.500	9.750	0.750	6	18
8.625	8.750	9.125	9.500	9.875	0.750	6	18
9.625	9.750	10.125	12.000	12.250	0.750	8	24
9.875	10.000	10.375	12.000	12.250	0.750	8	24
10.750	11.000	11.375	12.000	12.250	0.750	8	24
11.750	12.000	12.500	14.250	14.500	0.750	8	24
13.375	13.625	14.000	17.250	17.500	0.875	8	24
13.625	13.875	14.375	17.250	17.500	0.875	8	24
16.000	16.250	16.750	21.000	21.250	0.875	12	36
20.000	20.250	21.000	25.500	26.000	0.875	12	36

All measurements are in inches