

## STABILIZERS

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**PARVEEN's** Stabilizers are designed to control hole deviation, prevent differential sticking and minimize dogleg severity and thus provide optimum drill bit's performance.

For ordering stabilizers, **PARVEEN** recommends the following rib outside diameters.

Upto 10" diameter - 1/32" under hole size.

Upto 15" diameter - 1/16" under hole size.

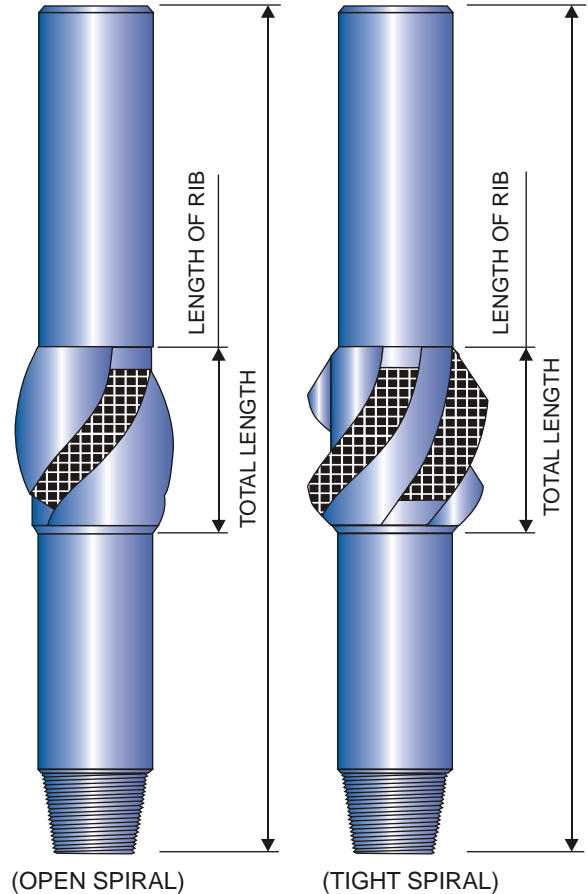
Over 15" diameter - 3/32" under hole size.

Most stabilizers lose their stability effect when diameter loss reaches 1/8" to 3/16". At this stage, the stabilizer is recommended for replacement.

### PARVEEN'S INTEGRAL BLADE STABILIZERS

**PARVEEN's** Integral blades stabilizers are designed with thru hard faced spiral ribs and are available both as string or near bit. Stabilizers in standard design are of right hand spirals. Even configuration for left hand spirals can be provided.

While in open spirals, the three ribs form a wall contact surface of 132 degree & 95 degree (in straight hole drilling), in the tight spirals, the three ribs form a wall contact surface of 360 degree and 260 degree thus ensuring drill string centralization in deviated holes.



INTEGRAL BLADE STABILIZER			FISHING NECK LENGTH	APPROX LENGTH OF RIB	APPROX TOTAL LENGTH
STABILIZER O.D.	BODY				
	O.D.	I.D.			
4.1/8 - 5.7/8	3.1/8 - 4.3/4	2 - 2.1/4	-	-	-
6 - 6.3/4	4.1/8 - 4.3/4	2 - 2.1/4	18	13	53
6.1/4 - 7.3/8	4.3/4 - 5	2.1/4 - 2.13/16	18	13	53
7.5/8 - 8.1/2	6 - 6.1/2	2.1/4 - 2.13/16	22	13	57
8.3/4 - 9.7/8	6.1/2 - 7.1/4	2.1/4 - 2.13/16	22	13	58
10.5/8 - 12.1/4	7.3/4 - 8.1/4	2.13/16 - 3	28	14	65
12 - 15	8 - 9.1/2	2.13/16 - 3.3/4	28	14	67
15.1/4 - 18.1/2	8 - 11.1/4	2.13/16 - 3.3/4	28	14	71

- All dimensions are in Inches
- Surrounded inserts by a metal bond.
- Fishing neck lengths can be provided to suit customers need.
- Pressed tungsten carbide inserts can also be provided.



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### FEATURES OF INTEGRAL BLADE

1. Ribs are milled directly from the body.
2. High amount of tungsten carbide inserts spread over a large wall contact area, results in longer tool life.
3. Ribs are provided with mirror type finish with a view to minimise torque and to provide guidance to the bit and collar string.
4. Worn ribs of hard faced stabilizers (inserts by a metal bond) are repairable in **PARVEEN's** Shop.

### SLEEVE TYPE STABILIZERS

This stabilizer has been designed with a field replaceable sleeve. This sleeve is screwed into a one-piece body and can easily be made up by using rotary tongs.

The fishing neck and sleeve mandrels are available with the same end connection as drill collars.

Sleeves are designed with tungsten carbide hard faced surface (Type-A) or with pressed in tungsten carbide buttons (Type-B). Both types are available at customer's request. The worn hard facing can be repaired at **PARVEEN's** Shop.

SLEEVE TYPE STABILIZER									
HOLE SIZE	DRILL COLLAR DIAMETER	SLEEVE			MANDREL				
		LENGTH L1	BODY DIA (C)	APPROX WEIGHT (Lbs)	FISHING NECK (D)	UPSET DIA (E)	SLEEVE END DIA (F)	BORE DIA (G)	APPROX. WEIGHT (lbs)
5.5/8 - 6.3/4	4.1/8 - 4.3/4	14	5.1/8	55	4.1/8 - 4.3/4	5.1/8	4.1/8	2	260
6.1/4 - 7.3/8	4.3/4 - 5	14	5.3/4	45	4.3/4 - 5	5.3/4	4.3/4	2.1/4	310
8.1/4 - 9.7/8	6 - 6.3/4	14	7.1/2	70	6 - 6.3/4	7.1/2	6.1/2	2.13/16	570
8.3/8 - 9.7/8	6.1/2 - 7.1/4	14	7.3/4	95	6.1/2 - 7.1/4	7.3/4	6.1/2	2.13/16	640
9.7/8 - 12.1/4	7.3/4 - 8.1/4	16	9.1/4	145	7.3/4 - 8.1/4	9.1/4	7.3/4	2.13/16	920
14.3/4 - 17.1/2	7.3/4 - 8.1/4	18	9.1/4	370	7.3/4 - 8.1/4	9.1/4	7.3/4	2.13/16	1140
10.5/8 - 12.1/4	8 - 9	16	10	120	8 - 9	9.7/8	8.1/2	2.13/16	1140
14.3/4 - 17.1/2	8 - 9	18	11	350	8 - 9	9.7/8	8.1/2	2.13/16	1140
12.1/4	9 - 10	16	11	95	9 - 10	11	9.5/8	2.13/16	1450
14.3/4 - 17.1/2	9 - 10	18	11	300	9 - 10	11	9.5/8	2.13/16	1450

- Other O.D. stabilizers can be provided on request.
- Box x Box connection can also be provided.

### Ordering Instructions:

1. Hole Size.
2. Drill Collar O.D.
3. Size & Type of upper and lower connections.
4. Mandrel Size (D or E).
5. Mandrel Bore (G).
6. Type of Sleeve (A or B).
7. Cast Steel or Pressed steel thread protectors.

