

## STABILIZERS

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**ACT'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, **ACT** recommends the following rib outside diameters.

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

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

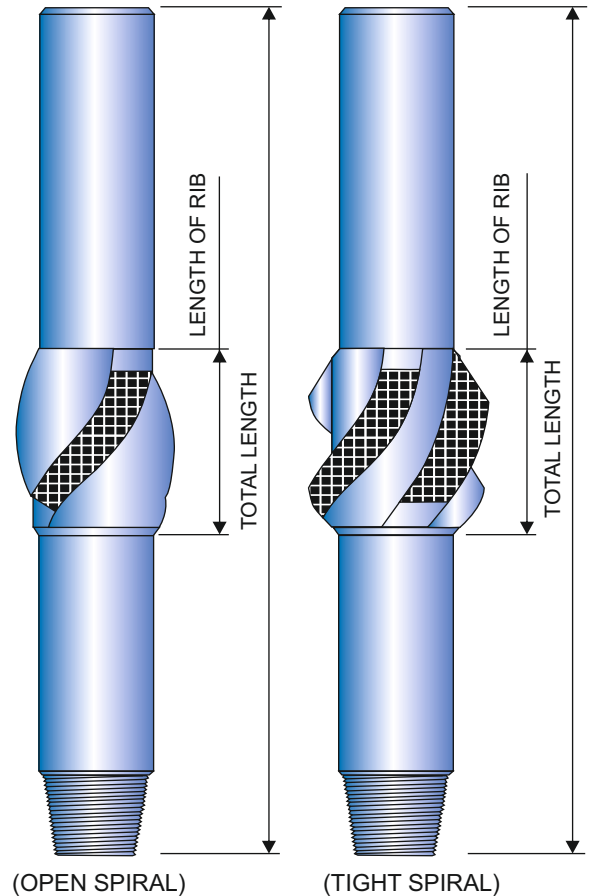
Over 15" diameter - 3/32" under hole size.

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

### ACT'S INTEGRAL BLADE STABILIZERS

**ACT'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.