

#### **Drilling Services**

Stabilizers

**Directional Drilling** 

# *Downhole Drilling Stabilizers*

Weatherford supplies a complete line of downhole drilling stabilizers to increase rate of penetration and control hole deviation problems. All these stabilizers (including spiral blade, straight blade, integral blade, welded blade, sleeve-type, and stainless steel nonmagnetic types) are designed to meet or exceed the strictest quality control and quality assurance standards. All alloy stabilizers are manufactured from AISI 4145H modified heat-treated steel for a wide variety of configurations and hole sizes.



### **Applications**

- · Welded straight blade for drilling soft formations
- · Sleeve type allowing less equipment inventory in remote locations
- Integral spiral blade allowing 360° hole contact for use in hard rock formations
- · Nonmagnetic stabilizers for applications requiring magnetic isolation

### Features, Advantages, and Benefits

- Welded stabilizer is a full wrap with a 360° hole contact.
- Stabilizers feature one-piece construction (integral blades).
- Sizes and configurations can be manufactured to operator's requirements, including blade sizes, connections, and types of material.
- All stabilizer connections can be configured as box × box, as pin × box, or as the operator requires.

weatherford.com

# String stabilizer





#### **Drilling Services**

Stabilizers

**Directional Drilling** 

## Downhole Drilling Stabilizers

### **Specifications**

Hole Size Range (in.)	Body OD, ID (in.)	Connection	Characteristics
>121/4	91/2, 31/4	$7^{5}/_{8}$ in. reg thread	welded, integral, or sleeve- type blades
9 <sup>7</sup> / <sub>8</sub> to 12 <sup>1</sup> / <sub>4</sub>	8, 3	$6^{5}/_{8}$ in. reg thread	
8 <sup>3</sup> / <sub>8</sub> to 9 <sup>7</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub> , 2 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub> in. IF thread	integral blades only
5 <sup>1</sup> / <sub>2</sub> to 7	4 <sup>3</sup> / <sub>4</sub> , 2 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub> in. IF thread	

This table includes some required standard sizes. Weatherford can provide most sizes on request.

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information, contact an authorized Weatherford products name herein may be protected by one or more U.S. and/or foreign patents. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.