

Heavy Weight Drilling Pipe

Heavy weight drill pipe is the most commonly used in the vertical section of the hole and provides weight on the bit for directional drilling while maintaining more flexibility than a [drill collar](#). Heavy weight is also known as hevi-wate or HWDP in the oil industry. Heavy weight drill pipe has a "center upset", also known as wear pad, that increases tube life by protecting the tube from wearing on the outer diameter by keeping the tube away from the hole wall. It also reduces hole drag and differential sticking problems. The walls of heavy weight drill pipe are thicker and have longer upsets compared to conventional drill pipe, as well as being stronger with high tensile strength. There are a diversity of specifications of heavy weight drill pipe.

General Features



ZZG series Heavy Weight Drilling Pipe (HWDP) are used as the transition between the normal drill pipe and the heavier drill collar. Suitable for onshore or offshore drilling operations.

Details

The ZZG series heavy weight drilling pipe were developed to provide the market with more reliable technology and more hoisting performance. Used as the transition between the normal drill pipe and the heavier drill collar. In some applications, heavy-weight drill pipe is also used in place of drill collar. Included but not limited by the advantages mentioned, ZZG series heavy weight drilling pipe might be your best choice.

General Features

- Manufactured according to API 7-1
- Suitable for onshore or offshore rigs
- Suitable for cold area and desert environment

Main Parameters

Size: 3-1/2" – 6-5/8" (88.9 mm – 168.3 mm)

Parameters:

HWDP Nominal Size (in)	Pipe Body				Tool Joint				Weight
	D (mm)	d (mm)	Upset Dimension		RSC Type	DJ (mm)	I. D. (mm)	HSC Bevel DF (mm)	Kg/Pc
			Center Dia. DM (mm)	End Dia. DTE (mm)					
3-1/2	88.9	57.4	101.6	98.4	NC38	127	52.4	116.3	312
3-1/2	88.9	57.2	101.6	98.4	NC38	127	57.2	116.3	282
4	101.6	65.1	114.3	106.4	NC40	133.4	65.1	127.4	370
4-1/2	114.3	69.9	127	119.1	NC46	158.8	69.9	145.3	558
5	127	76.2	139.7	130.2	NC50	168.3	76.2	154	672
5-1/2	139.7	92.1	152.4	144.5	5-1/2FH	184.2	92.1	170.7	776
6-5/8	168.3	114.3	184.2	176.2	6-5/8FH	203.2	144.3	195.7	964