



## Weatherford Couplings

Weatherford Grade "T" and "SM" sucker rod couplings are manufactured to strict quality control standards from high strength alloy steel and conform to API Specification 11B.

The threads of these couplings are cold form-rolled produced by displacement of material rather than by removal of material as in the cut thread. Rolling the thread results in a compressive stress at the root of the thread, giving maximum strength to the traditional weak point of cut thread couplings.

Weatherford sprayed metal couplings have a corrosion resistant surface with a low coefficient of friction that reduces wear on the tubing and the coupling. This coupling is recommended for deviated wells.

Weatherford couplings are available in Standard O.D., oversized and Slim Hole configurations in sizes of 5/8" through 1-1/8".

## Weatherford Couplings

### COUPLING SELECTION CHART

COUPLING	HARDNESS		Material	Yield Minimum	Tensile Minimum
	O. D.	Core			
API Grade "T"	56-62 HRA (14)-23 HRC	56-62 HRA (14)-23 HRC	High Strength Alloy Steel	90,000 psi	110,000 psi
API Grade "SM" Coated	595 HV200 (min) 56-62 HRC	56-62 HRA (14)-23 HRC			

### APPROXIMATE WEIGHT OF A 25-FOOT SUCKER ROD

API SIZE (INCHES)	WEIGHT IN POUNDS		
	WITHOUT COUPLING	WITH STANDARD COUPLING	WITH SLIM HOLE COUPLING
5/8	27.2	28.5	28.2
3/4	38.5	40.0	39.8
7/8	52.0	53.8	53.5
1	69.9	72.5	71.9
1-1/8	88.7	91.8	-

### COUPLING SIZES AND WEIGHTS

API SIZE (INCHES)	OUTSIDE DIAMETER (INCHES)		WEIGHT (POUNDS)	
	STANDARD	SLIM HOLE	STANDARD	SLIM HOLE
5/8	1-1/2	1-1/4	1.30	1.00
3/4	1-5/8	1-1/2	1.50	1.26
7/8	1-13/16	1-5/8	1.80	1.50
1	2-3/16	2	2.58	2.01
1-1/8	2-3/8	-	3.13	-

