



PRODUCT CATALOG

6x21 6x21 Cable Tool

- ▶ For ropes subjected to corrosive conditions



Cable tool rigs are used where drilling depths are not great. The impact, or percussion, technique involved in making hole is achieved by reeving the drilling line so that each time the spudding beam goes up and down the tool is dropped in the bottom of the hole. Cuttings are removed from the well with a long bailer attached to the sandline.

The cable tool drilling line is typically a 6x21 left regular lay fiber core rope. The cable tool drilling operation requires that the ropes go down hole where they can be subjected to corrosive conditions. Because of this, the wires used in these ropes are made with special carbon steel chemistry to reduce their susceptibility to corrosion.

6x21 Strength and Weights Chart

Diameter (in)	Approx. Wire Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs.)
5/8	0.66	14.5
3/4	0.95	20.7
7/8	1.29	28
1	1.68	36.4

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