



Drill Pipe Compatible with Vermeer® Drills for Directional Drilling



Vermeer Machine	Part Number	Mfg. Method	Mid-Body	Tool Joint OD	Length	Weight (lbs.)	Connection	Max Torque	% Slope Per Rod	Bend Radius	Rack Quantity
D7x11, D9x13, D10x15	TR216492	1-pc. Forged	1.660 inch	1.875 inch	6 ft	26	Firestick™ 1 #200	1500	6.2%	97 ft	33/50
D16x20, D18x22, D20x22	TR230993	1-pc. Forged	1.900 inch	2.125 inch	10 ft	53	Firestick™ 1 #250	2000	10.2%	98 ft	40
D20x22, D24x26, D23x30	TR221628	1-pc. Forged	2.063 inch	2.250 inch	10 ft	60	Firestick™ 1 #400	2600	9.8%	102 ft	40
D24x40, D23x30	TR222276	1-pc. Forged	2.375 inch	2.625 inch	10 ft	77	Firestick™ 1 #600	4000	9.3%	108 ft	50
D36x50, D40x55 (#650x10ft)	TR296309599	1-pc. Forged	2.375 inch	2.750 inch	10 ft	83	Firestick™ 1 #650	5000	9.3%	108 ft	50/52
D36x50 (#650x15ft)	TR296312531	1-pc. Forged	2.375 inch	2.750 inch	15 ft	117	Firestick™ 1 #650	5000	13.9%	108 ft	40
D36x50, D40x55 (#700x10ft)	TR296309521	1-pc. Forged	2.625 inch	3.100 inch	10 ft	121	Firestick™ 1 #700	5000	6.9%	145 ft	45
D50x100, D60x90	TR296309522	1-pc. Forged	2.625 inch	3.100 inch	15 ft	171	Firestick™ 1 #700	5000	10.4%	145 ft	35
D80x100, D50x100, D60x90	TR222452	1-pc. Forged	2.875 inch	3.250 inch	15 ft	172	Firestick™ 1 #900	9000	8.7%	169 ft	40
D80x100, D50x100, D60x90	TR222454	1-pc. Forged	3.500 inch	3.625 inch	15 ft	220	Firestick™ 1 #800	10,000	7.5%	200 ft	12/24
D100x120, D100x140	TR296309520	1-pc. Forged	3.500 inch	4.375 inch	20 ft	342	Firestick™ 1 #1000	15,000	10.2%	200 ft	9/18

Tuff Rod manufactures high-quality HDD (Horizontal Directional Drilling) drill pipe compatible with Vermeer® drills.

Tensile Strength 145,000 PSI. Tensile strength for Vermeer® drill pipe is the maximum stress the material will sustain before fracture.

Yield Strength 135,000 PSI. Vermeer® drill pipes yield strength is the stress corresponding to a specified permanent (plastic) deformation which is the point at which the material yields and won't spring back.