



# PATTERSON RENTAL TOOLS

## 4 1/2" Spiral/Plain Drill Collar W/ 3 1/2" XH

### Tubing

1" thru 4 1/2"

### Drill Pipe

2 3/8" thru 5 1/2"

### Heavy Weight Drill Pipe

2 7/8" thru 6 5/8"

### Drill Collars

2 7/8" thru 10"

### Blow-Out Preventers

#### Annular Type

2 9/16" 5M thru 29 1/2" 500 PSI

#### Hydraulic Ram Type

#### Single and Double

3 1/16" 10M thru 16 3/4" 5M

### Valves Manual & Hydraulic

#### 12" Ball Valves

2 1/16" 5M thru 4 1/16" 15M

Product:	<b>4 1/2" Spiral/Plain Drill Collar</b>	
Tube Size:	4 1/2"	In.
Plain Nominal Weight/Jt	1,302	Lbs
Spiral Nominal Weight/JT	1,250	Lbs
Connection:	3 1/2" XH	
Engineering Data:		
Avg Jt Length	30	Feet
Displacement(Open):	0.663	Gal./Ft.
	1.579	Bbl./100 Ft.
Capacity:	0.163	Gal./Ft.
	0.388	Bbl./100 Ft.
Connection Specifications		
Outside Diameter:	4 1/2"	In.
Minimum OD	4 5/16"	In.
Inside Diameter:	2"	In.
Tensile Yield New:	691,087	Lbs.
Torsional Strength New:	14,900	Ft./lbs.
Make Up Torque Min New:	8,500	Ft./lbs.
Make Up Torque Max New:	9,300	Ft./lbs.
Special Note:		

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