



# PATTERSON RENTAL TOOLS

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

<b>Product:</b>	<b>4 3/4" Spiral/Plain</b>	DC434P312IF
<b>Tube Size:</b>	4 3/4	In.
<b>Plain Nominal Weight/Jt</b>	1,404	Lbs
<b>Spiral Nominal Weight/JT</b>	1,348	Lbs
<b>Connection:</b>	3 1/2 IF	
<b>Engineering Data:</b>		
<b>Avg Jt Length</b>	30	Feet
<b>Displacement(Open):</b>	0.714	Gal./Ft.
	1.700	Bbl./100 Ft.
<b>Capacity:</b>	0.207	Gal./Ft.
	0.493	Bbl./100 Ft.
<b>Connection Specifications</b>		
<b>Outside Diameter:</b>	4 3/4"	In.
<b>Minimum OD</b>	4 19/32"	In.
<b>Inside Diameter:</b>	2 1/4"	In.
<b>Tensile Yield New:</b>	725,000	Lbs.
<b>Torsional Strength New:</b>	17,600	Ft./lbs.
<b>Make Up Torque Min New:</b>	10,000	Ft./lbs.
<b>Make Up Torque Max New:</b>	11,000	Ft./lbs.
<b>Special Note:</b>		
<b>Minimum length Box &amp; Pin</b>	6"	

### 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

\* Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Patterson Services, Inc. makes no representation about, and is not responsible or liable for the accuracy or reliability of the data, described herein. Nothing contained in this document shall be considered a recommendation for any use that may infringe patent rights, or an endorsement of any particular material, equipment, service, or other item. The properties listed in this document are not specification. They are provided as information only and in no way modify, amend, enlarge or create any specification or warranty.

