



PATTERSON RENTAL TOOLS

7" Spiral/Plain Drill Collar W/4 1/2" IF

| | | |
|----------------------------------|-------------------------------------|---------------------|
| Product: | 7" Spiral/Plain Drill Collar | |
| Tube Size: | 7" | In. |
| Plain Nominal Weight/Jt | 3,324 | Lbs |
| Spiral Nominal Weight/JT | 3,191 | Lbs |
| Connection: | 4 1/2" IF | |
| Engineering Data: | | |
| Avg Jt Length | 30 | Feet |
| Displacement(Open): | 1.676 | Gal./Ft. |
| | 3.990 | Bbl./100 Ft. |
| Capacity: | 0.323 | Gal./Ft. |
| | 0.769 | Bbl./100 Ft. |
| Connection Specifications | | |
| Outside Diameter: | 7" | In. |
| Minimum OD | 6 3/4" | In. |
| Inside Diameter: | 2 13/16" | In. |
| Tensile Yield New: | 1,265,800 | Lbs. |
| Torsional Strength New: | 51,700 | Ft./lbs. |
| Make Up Torque Min New: | 32,300 | Ft./lbs. |
| Make Up Torque Max New: | 35,500 | Ft./lbs. |
| Special Note: | | |

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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