

## SPECIFICATIONS

### IMPERIAL

**MAX TEMPERATURE**  
Regular Seals: 401°F / 205°C

OD (in)	ID (in)	Length (ft)	Weight (lbs)	Total Stroke (in)	Endurance Rotating DLS (°/100ft)	Non-Rotating DLS (°/100ft)	Overpull to Yield (lbs)	Torsional Yield (lbf-ft)
5.25	1.38	26.41	1,593	8.0	9	12	450,000	35,800
5.50	1.38	26.41	1,593	8.0	10	13	450,000	TBD
6.75	2.25	25.79	2,547	8.0	7	10	600,000	58,000

### METRIC

OD (mm)	ID (mm)	Length (m)	Weight (kgs)	Total Stroke (cm)	Endurance Rotating DLS (°/30m)	Non-Rotating DLS (°/30m)	Overpull to Yield (daN)	Torsional Yield (N-m)
133	35	8.0	724	20.3	9	12	200,170	48,538
140	35	8.0	724	20.3	10	13	200,170	TBD
171	57	7.9	1,158	20.3	7	10	266,893	78,637

\*Values in given tables are subject to change based on actual drilling condition and drilling parameters. It is recommended to perform critical speed analysis to avoid tool running at critical RPM nodes.

### BENEFITS

- Mitigate torsional vibrations - stick slip and HFTO
- Increase RSS reliability
- Minimize damages to PDC bits, MWD, and LWD tools
- Decrease axial and lateral vibrations
- Reduce R&M costs of downhole drilling tools
- Reduce drilling time and costs

### FEATURES

- Proprietary helical spring design
- Components are fully enclosed and oil sealed
- Compatible with all RSS
- Dual acting - extension and compression
- Applications engineering support

### THRELIX

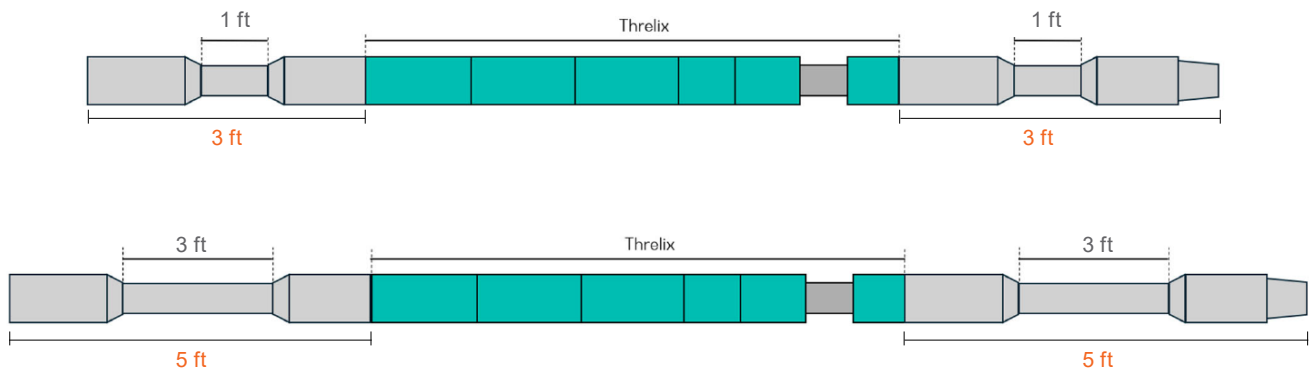


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## DOGLEG SEVERITY SPECIFICATIONS

Tool	Endurance Rotating DLS (°/100ft)	Max Non-Rotating DLS (°/100ft)
5.25	9	12
5.25 w/ 1' flex area*	11	14
5.25 w/ 3' flex area*	12	15
5.50	10	13
5.50 w/ 1' flex area*	11	14
5.50 w/ 3' flex area*	12	15
6.75	7	10
6.75 w/ 1' flex area*	9	12
6.75 w/ 3' flex area*	10	13

\*With short flex collar above and below Threlix



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