

# WWT Super Slider Nonrotating Protector - NRP



## Model SS Specifications

NRP Model	SS-350	SS-400	SS-450	SS-500	SS-550	SS-578	SS-658
Drill Pipe Size	3-1/2"	4"	4-1/2"	5"	5-1/2"	5-7/8"	6-5/8"
Sleeve OD	5-1/2"	5-7/8"	6-3/4"	7-1/4"	7-3/4"	8"	9"
Collar OD	5"	5-1/2"	6"	6-1/2"	7"	7-3/8"	8-1/8"
Sleeve Length	10"	10"	10"	9-1/2"	10"	10"	12"
Overall Length	20"	20"	20"	19-1/2"	20"	20"	22"
Side-Load Rating	2,200 lbs.	2,200 lbs.	3,000 lbs.	3,000 lbs.	3,000 lbs.	3,500 lbs.	3,500 lbs.
Total Flow Area							
5-1/2" Casing	N/R	N/R	N/R	N/R	N/R	N/R	N/R
7" Casing	7.8 in. <sup>2</sup>	N/R	N/R	N/R	N/R	N/R	N/R
9-5/8" Casing	36.5 in. <sup>2</sup>	35 in. <sup>2</sup>	26 in. <sup>2</sup>	20 in. <sup>2</sup>	15.3 in. <sup>2</sup>	12.7 in. <sup>2</sup>	N/R
13-3/8" Casing	98.5 in. <sup>2</sup>	97 in. <sup>2</sup>	88 in. <sup>2</sup>	82 in. <sup>2</sup>	76 in. <sup>2</sup>	74 in. <sup>2</sup>	62.5 in. <sup>2</sup>
Collar Material	6061-T651 Extruded Aluminum Alloy						
Sleeve Material	High-Temperature Polyurethane and Advanced Low-Friction Polymer Pads						
Max. Temperature	230° F (110° C)						

N/R = Not Recommended

## Features and Benefits

- Heavy-duty construction to accept greater contact forces.
- Positive protection against casing and riser wear during drilling operations.
- Significant torque reduction created by our patented fluid bearing design allows for improved ROP.
- Low-friction external pads provide measurable drag reduction in high-angle wells.
- Compatible with most oil-, synthetic- and water-based drilling fluids.
- Optimum operating performance range of 20 - 250 RPM.



- Reduces drillstring and surface equipment stress.
- Each assembly accepts up to 30,000 lbs. of axial force before slippage.
- Installation time: less than 1 minute.
- Free, no-obligation, confidential torque, drag and wear analysis may be obtained via our website.
- More than 15 years of global leadership in controlling wellbore and riser torque, drag and wear in some of the world's most challenging drilling environments.



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## Western Well Tool

*Innovative Products for Drilling, Completion and Intervention Profitability*

*To find out more about Western Well Tool Nonrotating Protectors or our Coiled Tubing Tractors, visit our website.*