

FRICITION REDUCTION TOOL



The **Rival Friction Reduction Tool (Rival FRT)** is a downhole friction reduction technology that, when paired with a Shock Tool, creates an axial oscillation along the drill string to increase steering efficiency, rates of penetration, and practical reach in drilling and completion operations.



Tool Size (OD)	5 1/8" FRT	5 1/8" FRT HF	7 1/8" FRT	7 1/8" FRT HF
Overall Length	132"	120"	183"	123"
Weight	525 lbs	460 lbs	1,200 lbs	860 lbs
Max Flow Rate	350 gpm	350 gpm	700 gpm	700 gpm
Max Temperature	340°F	340°F	340°F	340°F
Operating Frequency	8 Hz@300gpm	15 Hz@300gpm	10 Hz@600gpm	17 Hz@600gpm
Operating Average Pressure	500-600 psi	500-600 psi	500-625 psi	500-625 psi
Max Pull (pooh 90%)	660,000 lbs	515,000 lbs	1,350,000 lbs	1,350,000 lbs
Max Pull (rerun 65%)	475,000 lbs	370,000 lbs	1,000,000 lbs	1,000,000 lbs
Connections	3-1/2" IF	3-1/2" IF	4-1/2" IF	4-1/2" IF
	XT39	XT39	XT54	XT54
	GPDS40 & 42	GPDS40 & 42	XT57	XT57
		Delta 425	HT55	HT55

