



HAWKEYE
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6.50" S3 (165 mm) 7-8 4.8 STAGE

	Hole Size	7 $\frac{3}{8}$ (200 mm)	8 $\frac{1}{2}$ (216 mm)	8 $\frac{3}{4}$ (222 mm)
	BEND ANGLE	Degrees per 100 Feet (30m)		
STABILIZED	1.25	6.88	6.64	6.8
	1.50	8.78	8.38	8.29
	1.75	10.67	10.28	10.12
	2.00	12.56	12.17	12.01
	2.25	14.45	14.06	13.91
NON-STABILIZED - SLICK	BEND ANGLE	Degrees per 100 Feet (30m)		
	1.25	5.61	3.72	2.96
	1.50	7.3	5.41	4.65
	1.75	8.99	7.1	6.34
	2.00	10.68	8.79	8.03
	2.25	12.37	10.48	9.72

Bottom Stab ϕ = 1/4" under hole size

Bit Length = 11 inch

Top Stab ϕ = 6.8 inch

Adj. Ring ϕ = 7.1 inch

This information is for reference only. Build rates are calculated on a theoretical, three point geometry. The three points are bit contact, kick pad contact and top of motor contact with the well bore. Actual rates are also affected by formation tendencies, WOB and other drilling parameters. Offset data should be used, when possible, to help determine the expected build rate for any motor configuration.