



Rock Reamer Operating Specifications

Tool Series	Pilot Hole	Opening Size	Mill Tooth		TCI		Number of Cutters	Body OD (in)	Threads Box - Box
			WOB (000Kg)	RPM's	WOB (000Kg)	RPM's			
RR-4	4 1/4	8 1/2" - 12"	3.5 - 4.5	50 - 80	3.5 - 5.5	40 - 80	3	3 - 1/2	2 - 3/8" IF
RR-6	6 1/4	12" - 18"	4.5 - 7	40 - 100	7 - 9	35 - 80	3	4 - 3/4	3 - 1/2" IF
RR-8	8 1/2	16" - 26"	7 - 9	40 - 80	9 - 18	35 - 70	3	6 - 1/2	4 - 1/2" IF
RR-17	17 1/2	24" - 34"	7 - 11.5	40 - 65	9 - 18	40 - 65	3	9 - 1/2	7 - 5/8" Reg.
RR-26	26	32" - 42"	7 - 13.5	35 - 60	9 - 22.5	35 - 55	3	9 - 1/2	7 - 5/8" Reg.
RR-36	36	42" - 52"	7 - 13.5	35 - 55	9 - 22.5	35 - 50	4	9 - 1/2	7 - 5/8" Reg.
RR-42	42	48" - 58"	7 - 13.5	35 - 50	9 - 22.5	30 - 45	4	9 - 1/2	7 - 5/8" Reg.
RR-48	48	54" - 64"	7 - 16	35 - 45	9 - 27	25 - 40	5	9 - 1/2	7 - 5/8" Reg.

The suggested weights and RPM's are only a recommended guide. Weights and RPM'S should be adjusted to maximum penetration rates. They will vary with formation and rig power. Recommended weights assume minimum pilot hole sizes. As the cutting shoulder is reduced, less weight is needed.

Tips:

- Softer formations will normally respond to lighter weights and higher RPM's. Harder formations require more weight and slower RPM's
- Adjust weight and RPM to achieve optimum torque. Avoid uneven rotation of hole opener.
- Use sufficient fluid volume to obtain optimum hole cleaning.
- Proper centralisation will enhance tool performance and increase downhole life.

