

Measurement Data Sheet 7mm. 08 CAL.
Chamber Dimensions, Bore, Groove, Twist

3-12-82

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x = out of dimension.

Meas. #	Measurement Description	BAC Heavy Bbl. A6890045	BAC Heavy Bbl. A6890041	BAC Heavy Bbl. A6890035	BAC Thin Bbl. B6226257	BAC Thin Bbl. B6226290	BAC Thin Bbl. B6226253	789 PCC-79. B6035514	700 Uarmit 96865607	Remington Design Dimensions	SARMY CHAMBER DIMENSIONS
1	CHAMBER dia. at rear of shoulder	.4550	.4551	.4553	.4551	.4552	.4551	.4560	.4554	.4551 to .4566	.4551 +.002
2	dia. at front of shoulder	.3171	.3169	.3182	.3178	.3172	.3175	.3174	.3170	.3170 to .3185	.3170 +.002
3	dia. at front of neck	.3153	.3161	.3170	.3166	.3160	.3164	.3157	.3157	.3160 to .3175	.3160 +.002
4	dia. at start of throat	.2850	.2847	.2849	.2856	.2856	.2850	.2847	.2846	.2845 to .2855	.2845 +.002
5	dia. at end of throat	.2846	.2842	.2847	.2850	.2842	.2848	.2842	.2838	.2845 to .2855	.2845 +.002
6	length of neck - from C-Bore	1.9020	1.8950	1.8950	1.8950	1.8900	1.8920	1.8930	1.8920	1.8895 ±.006	
11	body length	1.4000	1.4000	1.3960	1.3950	1.3950	1.3900	1.3970	1.3980	1.3938 ±.006	
7	depth of shoulder - from C-Bore to .3183 ring	1.6080	1.6080	1.6100	1.5950	1.6000	1.5950	1.5940	1.5970	1.5835 ±.006	
8	BORE at breech	.2771	.2772	.2772	.2780	.2781	.2782	.2776	.2771	.2770 to .2780	.2770 +.002
	+ 6"	.2770	.2771	.2772	.2778	.2776	.2779	.2776	.2770		
	+ 12"	.2770	.2771	.2772	.2777	.2775	.2777	.2776	.2770		
	+ 18" muzzle	.2770	.2770	.2772	.2775	.2773	.2775	.2776	.2770		
	+ 24" muzzle							.2770			
9	GROOVE at breech	.2859	.2839	.2838	.2847	.2844	.2843	.2844	.2841	.2837 to .2847	.2837 +.002
	+ 6"	.2839	.2838	.2838	.2843	.2842	.2844	.2841	.2841		
	+ 12"	.2838	.2838	.2838	.2841	.2842	.2843	.2841	.2841		
	+ 18" muzzle	.2838	.2839	.2839	.2840	.2840	.2843	.2843	.2840		
	+ 24" muzzle							.2840			
10	TWIST	9 7/8	9 7/8	9 7/8	9 7/8 *	9 1/2	9 1/2	9 5/8 *	9 1/2	9.0" to 9.5"	9.5"
12	BARREL LENGTH	18 1/2	18 1/2	18 1/2	18 1/2	18 1/2	18 1/2	18 1/2	24	18 1/2" and 24"	