

The Official Uberti USA Rate of Twist Chart

by Tom Leoni on May 04th, 2017

Knowing the rate of twist of your Uberti USA revolver—or, even more importantly, rifle—is essential for getting the most out of it. In the case of a black powder revolver, you'll be shooting round ball so it's not as critical, but here's when knowing your exact bore and groove diameter becomes key. In the case of a cartridge revolver or rifle, both measurements are vitally important.

Here's a chart detailing the various rates of twist and bore + groove diameters, by caliber.

	CALIBER	TWIST	DIRECTION	BORE	GROOVE	N. OF GROOVES
Black Powder	.31	1:32"	LH	0.310"	0.325"	7
	.36	1:32"	LH	0.360"	0.379"	7
	.44	1:18"	LH	0.440"	0.458"	7
Rimfire	.22LR	1:16"	RH	0.217"	0.222"	6
	.22 Mag	1:16"	RH	0.217"	0.224"	6
Centerfire (Pistol & Rifle)	.38 Special	1:18.75"	RH	0.346"	0.355"	6
	.357 Mag	1:18.75"	RH	0.346"	0.355"	6
	.44/40	1:20"	RH	0.4215"	0.429"	6
	.45 Colt	1:16"	RH	0.442"	0.450"	6
Centerfire (Rifle)	.45/60	1:40"	RH	0.400"	0.406"	6
	.45/70	1:20"	RH	0.450"	0.456"	6
	.45/75	1:20"	RHR	0.450"	0.456"	6
	.45/90	1:20"	HR	0.450"	0.456"	6
	.50/95	1:48"	H	0.500"	0.507"	6
Pedersoli*	45/70	1:18"	RH	0.450"	0.457"	6

* All Uberti USA-branded Sharps and Trapdoor rifles are manufactured by Pedersoli.