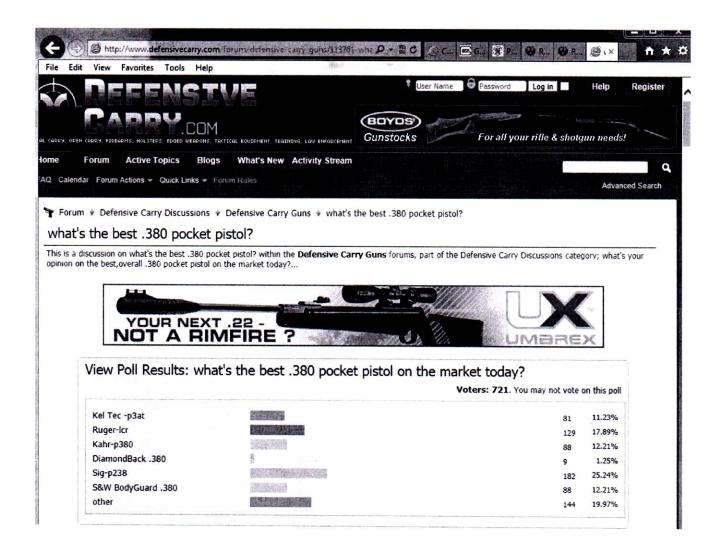
FIND A DEALER F Pistols Accessories Outdoor Which GLOCK are You? WHATEVER YOUR OBJECTIVE, GLOCK HAS A FIREARM WITH YOUR NAME ON IT. Rollover icons to view Choosing the optimum solution to best serve your requirements is essential. Each GLOCK pistol was conceived and designed to market-specific pistols accomplish specific objectives while incorporating all the same characteristics and advantages GLOCK has come to represent. To and click to learn more. simplify your decision-making process, we have grouped choices by the 8 markets listed in the right-hand column. SUBCOMPACT COMPETITION SUBCOMPACT STANDARD COMPACT Law Enforcement 6.41×4.17×1.18 9×19 10 ROUNDS 26,102 OPTEON 15/17/33 9 X 19 6.41 x 4.17 x 1.18, 21.8902 7.28x4.99 X/118 7.95×5.43×1.18 .40 6.5" 15 Rounds 8 AD2US 34.407 9 ROVADS 27.002 13/15/22 20146 BARREL 3.42 TN G35 40 BARREL = 4.48 EN BARRE : 4.01 10 mm Personal Defense 620 10mm Auto 6.96x 4.76x 1.10 8.03×5.47× 1.27 4.88x4.8x1,27 45 AUTO 6 27.00Z 10 **Sport Shooting** 38.302 33,710Z **Enthusiast** 639 45 G.A.P. 6.41x4.17x1.18 Law Enforcement Only .380 AUTO Law Enforcement Only 23.8302 Women G25 .380 Auto 6.41× 4.17× 1.18 357 26.6502 First-Time Buyer G32 357 A HOLE HERE AS OF 1/2/2014 - REVOLUERS 3 1/6' 27.002 EMPTY 8.01x 4.5 1.35 RUGER - SPIDI \$ 600 BARREY EMPTY ROUNDS 40.002 EMPTY 43.002 LOADED RUGER (5,5" SIGHT RADIUS) GP100 .357 MG 4.50 x1,28" 13.50Z 1,875 509 14.3 1W - BODYGUARD 6.60 .38 SPECTAL NOTE: REVOLVERS HAVE GOOD REIZABLIETY POCKET PESTOLS = 380 AUTO - SEME AUTO 5.50" x 3.90" x 1.10" 2.70" SIG SAUER P238 \$649 15.2 ez LOADED 4.9" × 3.9" × 0.75" 2.53" 9.9702 UNLOADED 6 P380 \$649 KAHR P3AT \$318 KEL TEC 5,2"x 3,5"x 0,77" 8.302 UNLOADED 6 2.70" 11.102 LUADED NOTE: SIG POBS FALRLY RELTABLE, BUT KAHR & KELTEC HAVE RELTABILITY ISSUES 5.94 × 4.13 × 0.94 MODEL 42 3.25" 143602 LOADED GLOCK





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# **Handgun Recoil Table**

## By Chuck Hawks

For every action there is an equal and opposite reaction; that is one of the physical laws of our universe. This means that the momentum of a handgun's reaction will exactly equal the momentum of the bullet and powder gasses ejected from the barrel. In the shooting sports we call that reaction recoil or "kick." Recoil energy determines how hard the blow to the hand feels and recoil velocity determines how abrupt the blow feels. These can be measured or computed empirically and have been for this recoil table.

Do not forget that gun weight is a crucial factor in the recoil equation, inversely proportional to recoil. Increase the gun weight by, say, 25% and the recoil goes down by 25%. In the real world, firearms chambered for smaller cartridges are traditionally lighter than firearms chambered for more powerful cartridges. A dramatic increase in kick results (and accuracy suffers equally dramatically) when powerful cartridges and loads intended for full size service pistols are chambered in lightweight, subcompact pistols. Choose a gun weight appropriate for the loads you intend to shoot.

However, perceived recoil, what the shooter feels, is a highly subjective matter. It is influenced by many factors. One of the most important of these, in addition to gun weight, is the fit and shape of the grip and the shooter's personal hold. These sorts of things cannot be accounted for in a recoil table. Also, please

understand that there are dozens of possible loads for any given bullet weight in a given caliber that will produce the same velocity, but a different amount of recoil. Therefore, the figures in any recoil table should be taken as approximate. Never-the-less, the table below should give a reasonably accurate comparison of the recoil of most popular handgun cartridges and loads when fired in pistols of typical weight.

The following recoil figures are taken from various sources including online recoil calculators, the Remington Shoot! program or calculated from the formula given in the *Lyman Reloading Handbook, 43rd Edition.* Note: All bullets in the table below are jacketed unless otherwise noted

For an expanded version of this table with more entries, see the "Expanded Handgun Recoil Table" on the *Tables, Charts and Lists Page.* 

Cartridge (Wb@MV)	Pistol Wt. (lbs.)	Recoil E. (ft. lbs.)	Recoil V. (fps)	
9x19 (124 at 1125)	1.5	(6.0)	16.0	
.38 Spec. (125 at 850)	1.0	(5.6)	18.9	
.357 Mag. (158 at 1250)	2.75	8.7	14.3	*
.40 S&W (180 at 1027)	1.5	(10.4)	21.2	100
.44 Rem. Mag. (240 at 1271)	4.1	10.0	12.5	-
.500 S&W Mag. (350 at 1739)	4.5	45.6	25.5	

Source: www.BallisticsCalculator.Winchester.Com

	<u>Firearm</u>	Bullet <u>Diameter</u>		Cartridge <u>Milimeters</u>	<u>Grains</u>	Barrel Length Inches	Feet Per <u>Second</u>	4.0+" Barrel Muzzle Energy Ft-Lbs/Sec.	2.0" Barrel Muzzle Energy Ft-Lbs/Sec.
	.177 Pellet							15	D SUFFABLE FOR
	.220 Pellet							22	SUITABLE FOR BIRDS, SQUERRELS
-	.22 LR				40		1065	101	RABBITS
	.380 Auto	.355 in	.373 in	9.50 x 17.30	95	3.75	955	192	150 } POCKET PISTOLS  MOUSE GUNS
	.38 Special	.357 in	.379 in	9.60 x 29.30	158	4.00	755	200	150 ( OR
-	9 mm	.355 in	.380 in	9.65 x 19.15	147	4.00	990	320	S MOUSE GUNS
	.45"	.452 in	.473 in	12.0 x 22.80	230	5.00	835	356	) SUETABLE FOR
	.40"	.400 in	.423 in	10.7 x 22.60	180	4.00	1010	407	350 SUITABLE FOR  2 LEGGED PREDATURS
_	.357 Mag	.357 in	.379 in	9.60 x 33.00	158	4.00	1235	535	250
	.44 Mag	.429 in	.457 in	11.6 x 32.60	240	4.00	1180	741	7 CU TTO BUE FOR
	.454 Casull	.452 in	.480 in	12.2 x 35.10	250	7.50	1300	937	SUITABLE FOR 4 LEGGED PREDATORS
	.500 SW	.500 in	.526 in	13.4 x 41.00	350	8.38	1350	1415	) 4 LEGGED PREVAIONS
	12 Gauge	.729 in			1 oz/ 437gr		1700	2808	
	0.223 Rifle 0.308 Rifle	.224 in .308 in	.2 <mark>53</mark> in .343 in	5.56 x 45 7.62 x 51	62 147		3100 2800	1322 2557	

## Note - Read the following article:

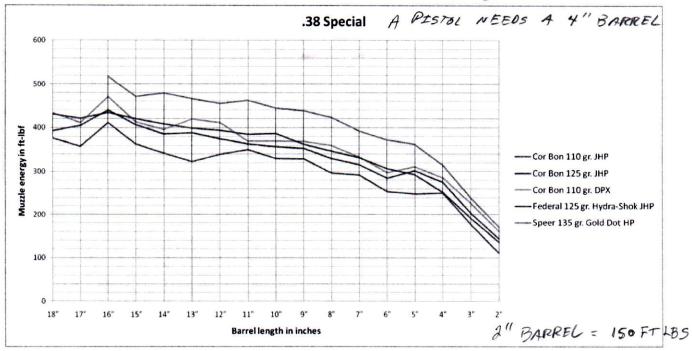
http://housechurchministriesforjesus.com/wp-content/uploads/2014/01/TerminalBalistics\_140113.pdf

The above article on Terminal Balistics explains that the 9mm and smaller is underpowered against other humans (two legged predators) because of bones (i.e., the rib cage and arms will often stop or deflect the bullet away to a non-vital area allowing the "bad guy" to return fire and/or keep attacking you). Unlike the 9mm and smaller rounds, the "man stopper" rounds (.357 mag, .40 and .45 calibers ) will not be stopped or deflected by bone (will go through the bone and reach the vital organs).

		.38 Comparisons		
Cartridge ♦	Bullet weight \$	Muzzle velocity	Muzzle energy ♦	Max pressure +
.38 S&W Special	158 gr (10.2 g)	940 ft/s (290 m/s)	310 ft•lbf (420 J)	17,000 PSI
.38 Special +P	158 gr (10.2 g)	1,000 ft/s (300 m/s)	351 ft•lbf (476 J)	20,000 PSI
.38 Special +P+	110 gr (7.1 g)	1,100 ft/s (340 m/s)	295 ft•lbf (400 J)	22,000 PSI [29]
.380 ACP	100 gr (6.5 g)	895 ft/s (273 m/s)	178 ft•lbf (241 J)	21,500 PSI
9x19mm Parabellum	115 gr (7.5 g)	1,300 ft/s (400 m/s)	420 ft•lbf (570 J)	39,200 PSI
.357 Magnum	158 grains (10.2 g)	1,349 ft/s (411 m/s)	639 ft•lbf (866 J)	35,000 PSI
•40 5 FW .357 SIG .45 ACP	125 grains (8.1 g)	1,350 ft/s (410 m/s)	506 ft•lbf (686 J)	35,000 PSI 40,000 PSI 21,000 PSZ

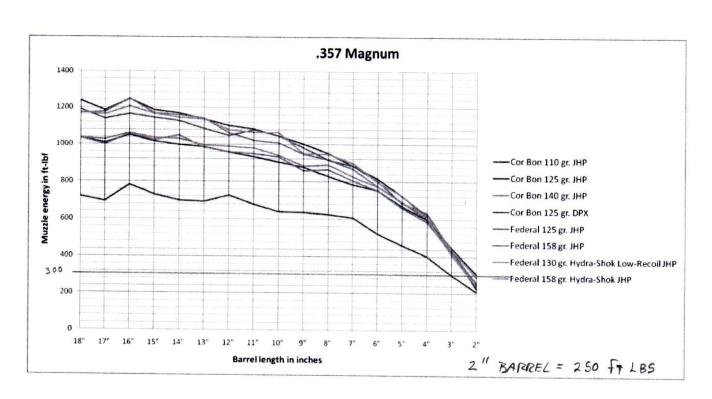
All of the above specifications for .38 loadings, and the .357 Magnum, are applicable when fired from a 6-inch 150 mm barreled revolver. The velocity is reduced when using the more standard 4-inch (100 mm) barreled guns. Power (muzzle energy) will, of course, decrease accordingly.

TOO MUCH LOST KNOCK DOWN POWER IN SHORT 2" BARREL



## Ballistics by the inch

Page 1 of 1



# GLOCK 42 Pistol – GLOCK's Smallest Handgun to Date



GLOCK 42 Pistol – GLOCK's Smallest Handgun to Date

GLOCK's smallest pistol uses the same Safe Action System found in all GLOCK pistols, is backed by more than 25 years of engineering excellence and comes with the GLOCK Limited Lifetime Warranty. Carry with confidence.

### G42 product details are listed below:

- Dimensions
  - Length (overall): 151 mm / 5.94 inch
  - Length (slide cpl.): 146 mm / 5.75 inch
  - Width: 24 mm / 0.94 inch
  - Height (with magazine): 105 mm / 4.13 inch
  - Barrel length: 82.5 mm / 3.25 inch
  - Length of twist: 250 mm / 9.84 inch
  - Trigger distance: 61 mm / 2.40 inch
  - Trigger travel: 12.5 mm / .49 inch
  - · Barrel distance: 18 mm / 0.71 inch
  - Line of sight (polymer): 125 mm / 4.92 inch
- Weight
  - Pistol without magazine: 350 g / 12.35 oz
  - Magazine std. empty: 40 g / 1.41 oz
  - Magazine std. full: 57 g / 2.01 oz
- Magazine Capacity (rounds): 6
- · Barrel Profile: right hand twist; hexagonal
- Standard Trigger Pull: ~5.62 lbs
- Muzzle Velocity\*: 886 fps
- Muzzle Energy\*: 162 fps

<sup>\*\*</sup>depending on ammunition used

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#### Double-Action Revolvers

#### LCR®

Standard Distributor Exclusives

#### SP101®

Standard Distributor Exclusives

#### GP100®

Standard

Match Champion™ Distributor Exclusives

#### Super Redhawk®

Standard Alaskan

#### Single-Action Revolvers

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MA Approved &
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All Distributor Exclusives
All New Models

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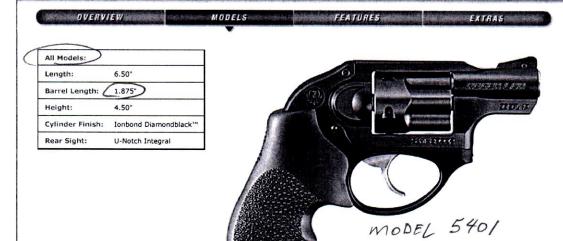


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LINKS OF INTEREST

# THE RUGER LCR DOUBLE-ACTION REVOLVER

NEWS & RESOURCES



Model Options:								
Mod. #	Caliber	Cap.	Grip	Front Sight	Weight	Sug. Retail	Spec Sheet	
5430	38 Spl +P	5	Hogue® Tamer™ Monogrip®	Replaceable, Pinned Ramp	13.50 oz.	\$529.00		ORDER
5410	22 LR	8	Hogue® Tamer™ Monogrip®	Replaceable, Pinned Ramp	14.90 oz.	\$529.00	4 0	ORDER
5413	22 LR	8	Crimson Trace® Lasergrips®	Replaceable, Pinned Ramp	14.40 oz.	\$799.00	4 4	ORDER
5414	22 WMRF	6	Hogue® Tamer™ Monogrip®	Replaceable, Pinned Ramp	16.60 oz.	\$529.00	2 4	ORDER
5450	357 Mag	5	Hogue® Tamer™ Monogrip®	Replaceable, Pinned Ramp	17.10 oz.	\$599.00	20	ORDER
5451	357 Mag	5	Crimson Trace® Lasergrips®	Replaceable, Pinned Ramp	16.60 oz.	\$879.00	<b>4 0</b>	ORDER
5401	38 Spl +P	5	Hogue® Tamer™ Monogrip®	Replaceable, Pinned Ramp	13.50 oz.	\$529.00	4 0	ORDER
5402	38 Spl +P	5	Crimson Trace® Lasergrips®	Replaceable, Pinned Ramp	13.00 oz.	\$799.00	2 0	ORDER

NOTE: MODEL 5430 HAS EXTERNAL HAMMER

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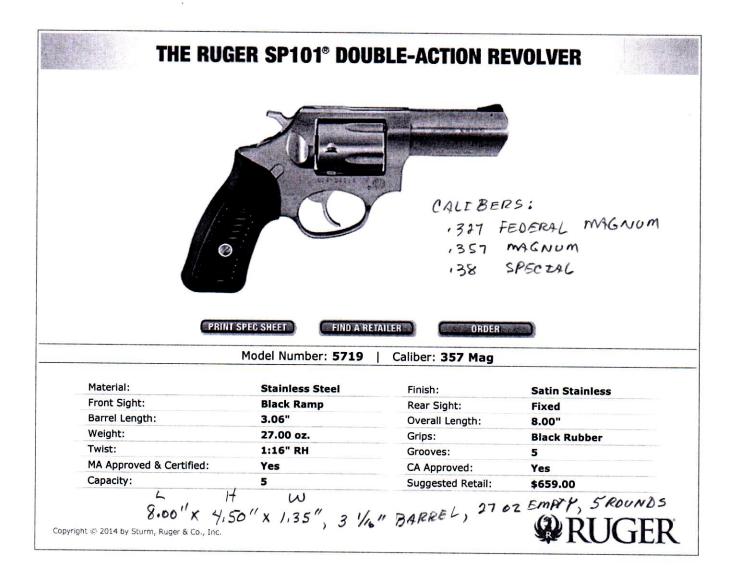
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# THE RUGER® GP100® DOUBLE-ACTION REVOLVER



Model Number: 1705	Calibana SEE se
Model Hullibel. 1703	Caliber: 357 Mag

Material:	Stainless Steel	Finish:	Satin Stainless
Front Sight:	Ramp	Rear Sight:	Adjustable
Barrel Length:	4.0" / 4.2"	Overall Length:	9.50"
Weight:	40.00 oz.	Grips:	Hogue® Monogrip®
Twist:	1:18.75" RH	Grooves:	5
MA Approved & Certified:	Yes	CA Approved:	4.0" Barrel - Yes 4.2" Barrel - No
Capacity:	6	Suggested Retail:	\$759.00

Features:

4.50"x 6.25" × 1.50", 4.2" BARREL, 40.0 02 EMPTY, 6 ROUNDS

- Recoil-reducing, cushioned, black rubber Hogue® Monogrip® provides non-slip, comfortable grip.
- Patented grip frame design easily accommodates the use of a wide variety of custom grips.
- Patented Ruger transfer bar mechanism provides an unparalleled measure of security against accidental discharge.
- Triple-locking cylinder is locked into the frame at the front, rear and bottom for more positive alignment and dependable operation shot after shot.
- Easy takedown of integrated subassemblies requires no special tools and allows for no hassle maintenance and assembly.
- Also features a heavy, full-shrouded barrel and hard plastic case.

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