90547

LEE

RELOADING DIES

303 British

LEE PRECISION, INC.

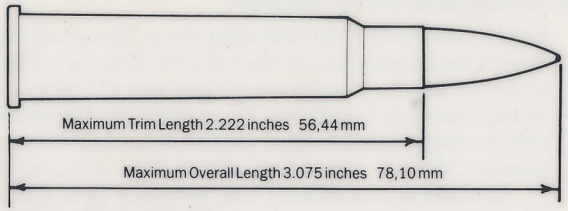
LIMITED WARRANTY

Lee reloading products are guaranteed not to wear out or break from normal use for two full years or they will be repaired or replaced at no charge if returned to the factory. Any Lee product of current manufacture regardless of age or condition will be reconditioned to new, including a new guarantee, if returned to the factory with payment equal to half the current retail price.

For over 60 years, the 303 British cartridge was the standard military cartridge of the British empire. Adequate for all North American game and still commercially loaded. The bullet diameter is .311 to .312, 3 to 4 thousandths larger than 30 cal. bullets. In both appearance and performance, it's quite similar to the 30/40 Krag U.S. The 303 British is a good all-around cartridge that's bound to be in use for many years because of the many military rifles available around the world.

303 BRITISH

BULLET DIAMETER .311-.312 7,90-7,92mm



LARGE RIFLE PRIMER

RELOADING SAFETY

1. Keep powder away from heat and open flames — don't smoke.
2. Store powder and primers in their originial containers in a cool, dry place.
3. Read and follow instructions exactly.
4. Be sure you have the correct powder measure and bullet of the correct weight; any mix-up can be dangerous.
5. Exercise care and common sense at all times.
6. Always wear safety glasses while reloading or shooting.

CAUTION:

Ammunition reloading can be dangerous if done improperly and should not be attempted by persons not willing and able to read and follow instructions exactly. Children should not be permitted to reload ammunition without strict parental supervision. Always wear safety glasses when reloading and shooting. Ammunition loaded with these tools and data should only be used in modern guns in good condition. We do not accept responsibility for ammunition loaded with these tools or data as we have no control over the manufacture and storage of components or the loading procedure and techniques. Primers and gun powders, like gasoline and matches, can be dangerous if improperly handled or misused.

IT IS YOUR RESPONSIBILITY TO ENSURE THE SAFETY OF YOUR LOADS.

The following are factors that will increase pressures. Some will be dangerous.

1. DO NOT use more powder than recommended.
2. DO NOT use a heavier bullet than recommended.
3. DO NOT seat the bullet deeper than normal.
4. DO NOT use magnum primers unless using a slow burning ball powder.
5. Greatly oversize bullets, excessively hard bullets or cases that are too long will cause higher pressures.
6. High temperatures or cartridges that were stored in a hot car or car trunk will produce higher pressures.

Rifle Charging Die

Fits all cases from the 22 Hornet through the 308 Winchester. Use with a powder funnel for fully automatic case charging. The cartridge case pushes against the drop tube to accurately and automatically dispense the charge. 90194

Powder Measure Kit

15 powder measures with slide card showing capacity of each dipper with all current powders. Over 1,300 charges are listed. Use load data supplied free from powder manufacturer's and follow instructions included with Powder Measure Kit. 90100 **$6.24**

PARTS LIST

Sizing Die, complete	$12.00
Decapper	3.00
Decapper Clamp	1.50
Lock Ring	1.00
Bullet Seating Die, complete	12.00
Adjusting Screw	1.50
Bullet Seater Punch	2.00
Shell Holder	3.98
Powder Measure	.60
Charge Table & Instructions	1.00
Die Box	2.00

WHEN ORDERING PARTS, SPECIFY FOR 7/8-14 DIE SETS INDICATE CALIBER.

Use 2.8 cc Powder Measure for all loads listed below.

BULLET WEIGHT IN GRAINS	POWDER TYPE & MANUFACTURER	GRAINS POWDER	APPROX. VELOCITIES
100	Nobel Rifle #3	37.9	2700
110-120	Nobel Rifle #3	37.9	2680
120-130	Nobel Rifle #3	37.9	2630
	Dupont IMR 4895	38.4	2300
	Nobel Rifle #2	37.9	2600
	Hodgdon 4895	38.4	2475
130-140	Nobel Rifle #2	37.9	2550
	Hodgdon H 335	43.4	2600
	Hodgdon BL-C (2)	43.4	2600
	Dupont IMR 4064	38.0	2200
	Dupont IMR 4320	39.1	2200
	Hodgdon 4895	38.4	2400
140-150	Nobel Rifle #2	37.9	2500
	Hodgdon H 335	43.4	2574
	Hodgdon BL-C (2)	43.4	2550
	Dupont IMR 4064	38.0	2200
	Dupont IMR 4320	39.1	2200
	Dupont IMR 3031	36.7	2200
	Hodgdon H 380	40.5	2387
	Norma 201	40.5	2500
	Hodgdon 4895	38.4	2388
150-170	Hodgdon H414	42.4	2250
	Dupont IMR 4064	38.0	2200
170-180	Hodgdon H414	42.4	2242
	Dupont IMR 4350	38.1	2000
	Norma 203	40.5	2340
	Nobel Rifle #1	37.1	2200
180-200	Nobel Rifle #1	37.1	2100
	Dupont IMR 4350	38.1	2000
200-215	Nobel Rifle #1	37.1	2050
	Dupont IMR 4350	38.1	2000

Be sure your measure is 2,8 cc.
Push the measure through the powder only once.
Give it a light shake sideways to level it off.
Do not add more or shake it down.

LEE PRECISION, INC.
4275 HIGHWAY 'U' HARTFORD WISCONSIN 53027

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DO NOT use bullets heavier than listed for each type of powder as they will cause dangerous pressures.

LEE RELOADING DIES COMPLETE INSTRUCTION

❶ Prepare Your Cases

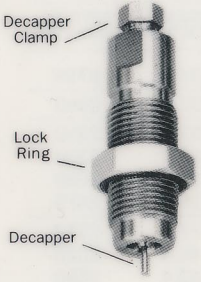
Inspect your cases while lubricating them. Discard all cases with split necks, indications of head separation, or other defects. Wipe on a thin film of Lee Case Lubricant with your fingers. Fingers are the best way of lubing a case as any grit that could damage the die is wiped away. **Be sure to lube the inside of the case neck with a cotton swab.** With Lee dies, you can lube the entire case including the neck and shoulder. The case may be immediately sized or you can let the lube dry.

Lee Lube can be thinned with up to four parts water for easier application and greater economy. If thinned, let the case dry before sizing.

Caution

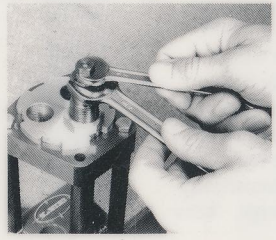
If for any reason you do not use Lee Resizing Lubricant, be very careful not to contaminate the powder or primers. All other brands are oil base and they have serious, detrimental effects on powder and primers. Because of the stickiness, they also attract grit that can damage the die. Lee Resizing Lubricant costs less and is so superior that it is worth the effort to insist upon it or order some from the factory.

❷ Full Length Sizer



Screw the full length sizer in until it touches the shell holder. Then lower the ram and screw the die in ¼ to ⅓ turn more. Raise the ram and tighten the lock ring finger tight.

The decapper is retained by a collet. Should it be overstressed by an obstruction, it simply slides up without damage. To reset, loosen the decapper clamp and position the decapper flush with the clamp end and retighten. A ½ and ¾ inch wrench are required.



❸ Prime

Prime the case according to the instructions supplied with your press. For maximum accuracy, speed and convenience, we suggest the use of a Lee Auto Prime or Auto Prime II. With these tools, you never touch the primers from box to shell. Built in primer flipper turns them right side up. Primers are automatically fed and installed just as fast as you can place the shell in the holder.

The Auto Prime is hand held and requires special, but inexpensive shell holders.

The Auto Prime II fits in your press and uses the same shell holder used for reloading.

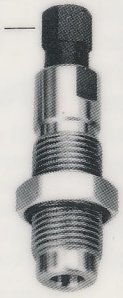
❹ Charge The Case

If you use the Lee Powder dipper select the proper load from the charge table. *MAKE CERTAIN YOU HAVE THE CORRECT DIPPER.* Never use a heavier bullet than listed for any given powder charge, as dangerous pressures will be generated. All of the listed loads are approximately 10% under maximum or the equivalent of a starting load if you use a scale. Extensive load data is usually supplied at no charge by all of the powder manufacturers. See your dealer.

(See LOAD DATA on rear)

CAUTION: After charging the case, the only operation that should be done is to seat the bullet. Never try to seat a primer deeper after the powder has been added.

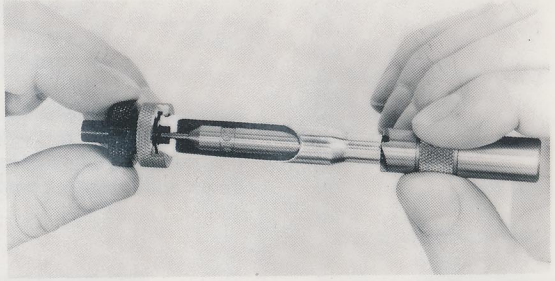
❺ Bullet Seating Die



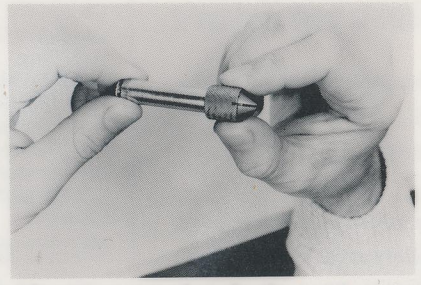
Screw the bullet seating die in until it touches the shell holder. **Then back it out one full turn.** Finger tighten the lock ring. Bullet depth is adjusted by screwing the black hexagon adjusting screw in or out to suit. Bullets should be seated deep enough to work through the gun's action. (See maximum overall length on the charge table). Sometimes accuracy can be enhanced with different bullet depths. If a crimp is desired, screw the die in slightly and test until the proper crimp is formed. The bullet must have a crimping groove or it cannot be crimped. Cases must be trimmed to the same length to provide a uniform crimp.

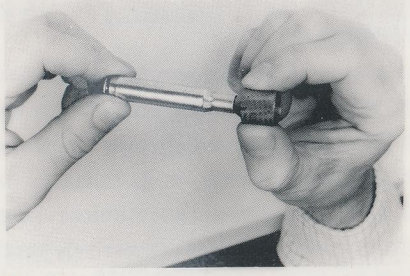
CAUTION: Seating bullets excessively deep will reduce the case capacity and increase the pressure.

After a few loadings, cases tend to get longer. This could be dangerous if the case were so long that it would pinch the bullet in the end of the chamber. Pressure high enough to damage the gun could result. The simplest way to check the case and trim to the correct safe length is with the Lee Case Trimmer.



Notice how the case length gauge passes through the case and stops against the lock stud and trims every case to the correct length





After trimming, chamfer the inside and outside of the case mouth with the Lee Chamfer Tool.

LEE PRECISION, INC., Hartford, Wisconsin 53027