

90509


**LEE RELOADING
DIES**


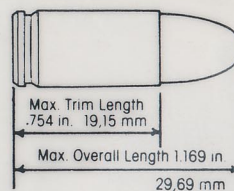
9mm Luger

Carbide

REQUIRES NO LUBRICATION

LEE PRECISION, INC.

The 9mm Luger, or 9mm Parabellum as it's called in the rest of the world, is a famous, even legendary military cartridge that's in use worldwide. Many local police forces use it as a standard arm. Designed for autoloading handguns; the most famous is the Luger with toggle action. Perhaps the more accurate of the military guns was the Walther P-38. Both S&W and Colt chamber guns for the 9mm Luger. Loaded to quite high velocities and pressures, it's a good accurate cartridge for which a wide variety of handguns both new and military surplus are available.

BULLET DIAMETER

 .355-.356 inches 9,02-9,04 mm

SMALL PISTOL PRIMERS

9mm LUGER

(90580 EXPANDING DIE ONLY)

**Powder through Expander Die
for the
LEE AUTO DISK
POWDER MEASURE**

This die permits charging the case while expanding and flaring the mouth. Can be used with a Lee Powder Funnel or the Lee Auto Disk Powder Measure.

9MM LUGER

THESE LOADS ARE FOR THE LEE AUTO DISK POWDER MEASURE

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS	MEASURE CUBIC CEN.	BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS	MEASURE CUBIC CEN.	BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS	MEASURE CUBIC CEN.
81-90	HS6	7.4	1394	.53	103-115	700X	3.9	982	.53	112-125	HS6	6.0	1048	.43
	TRAP 100	5.2	1279	.61		PB	4.4	985	.53		TRAP 100	3.9	908	.46
	HP38	5.3	1305	.49		SR7625	4.4	981	.46		HP38	4.0	877	.37
85-95	BULLSEYE	4.3	1081	.46		SR4756	6.0	1079	.66		HS6	6.0	1129	.43
	RED DOT	4.0	1030	.57		IMR4227	9.9	936	.76		TRAP 100	4.2	985	.49
	GREEN DOT	4.5	1072	.61		231	4.6	1019	.43	HP38	4.3	985	.40	
	UNIQUE	4.9	1043	.53		630	9.2	1000	.61	NOBEL PIS 2	4.7	941	.40	
90-100	HERCO	5.1	1051	.57		BULLSEYE	3.5	967	.37	NOBEL PIS 3	3.5	946	.46	
	231	4.9	1076	.46		RED DOT	3.5	967	.49	117-130	HS6	5.6	1067	.40
630	9.9	1100	.66	GREEN DOT		3.9	1005	.53	TRAP 100		4.2	980	.49	
97-108	HS6	6.5	1232	.46	UNIQUE	4.5	1044	.49	HP38		4.0	918	.37	
	TRAP 100	4.5	1036	.53	HERCO	4.7	1076	.53	144-160		HS6	4.2	912	.30
	HP38	4.6	1086	.43	NOBEL PIS 2	4.7	979	.40		TRAP 100	2.9	708	.34	
	111-124	700X	3.9	965	.53	NOBEL PIS 3	3.7	983		.49	112-125	TRAP 100	4.3	1005
		PB	4.1	952	.49	800X	5.7	1007	.61					
SR7625		4.4	972	.46										
SR4756		5.5	1046	.61										
IMR4227		9.2	858	.71										
BULLSEYE		4.0	965	.43										
RED DOT		3.5	924	.49										
GREEN DOT		3.6	905	.49										
UNIQUE		4.2	965	.46										
HERCO		4.7	923	.53										
BLUE DOT	7.1	1045	.61											

THESE LOADS ARE FOR THE USE WITH THE DIPPER
Use only Dipper Number .5cc

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS
81-90	HS6	7.0	1315
	HP38	5.4	1332
95-108	TRAP 100	4.3	977
103-115	RED DOT	3.5	987
	UNIQUE	4.6	1065
	HERCO	4.5	1015
	NOBEL PIS 3	3.8	1003
111-124	PB	4.1	971
	SR4756	4.5	887
	RED DOT	3.5	942
	GREEN DOT	3.7	924
	HERCO	4.5	871
112-125	TRAP 100	4.3	1005

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

Be sure your measure is .5cc
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.

The loads listed on this charge sheet have been computer selected from load data supplied by the powder manufacturer. These loads may be safe without first checking them with a scale. We have done our best to assure accuracy of this data and the manufacture of the tools. However, it is your responsibility to make certain of the safety of your loads. Be certain you completely understand the use of this data and your tools.

CAUTION:

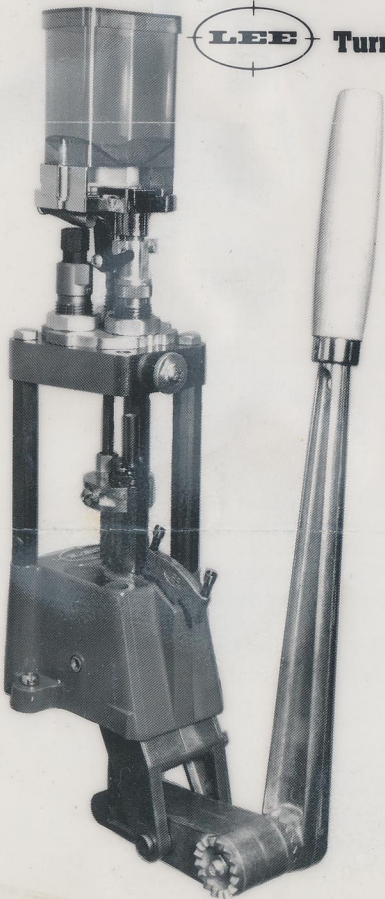
Ammunition reloading can be dangerous if done improperly and should not be attempted by persons not willing and able to read and follow instructions exactly. Children should not be permitted to reload ammunition without parental supervision. Always wear safety glasses when reloading and shooting.

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.

AutoDisk Powder Measure

The Auto Disk Powder Measure fits into the expanding die in place of the powder funnel adaptor. While the case neck is being expanded, the charge is automatically and accurately dispensed. Comes complete with four (4) charge disks and 24 different cavities. More accurate than any other measure because of the built-in powder baffle and uniform actuation.

LEE Turret Press



LEE

Lee Auto Index

A simple and dependable device to advance the turret 120 degrees to the next station during the last inch of down travel. It greatly speeds the reloading process and is trouble free. The Auto Index is easily deactivated in seconds. Built-in safety ratchet prevents damage if the turret is restrained from turning.

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.

LEE PRECISION, INC. Hartford, Wisconsin 53027

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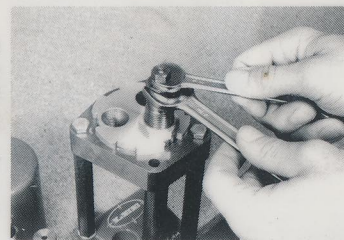
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RELOADING DIES COMPLETE INSTRUCTIONS

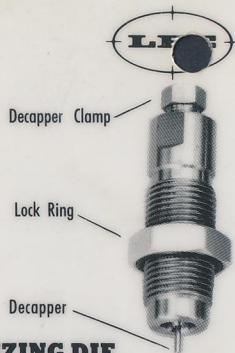
Carbide Die Full Length Sizer

Screw the full length sizer in until it touches the shell holder and tighten the lock ring finger tight. Because the carbide is so hard, no lubrication is required on the case. You will find the die will actually burnish the case and improve its appearance. The die will last a lifetime.

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 1/2" and 3/4" wrench are required.



SIZING DIE

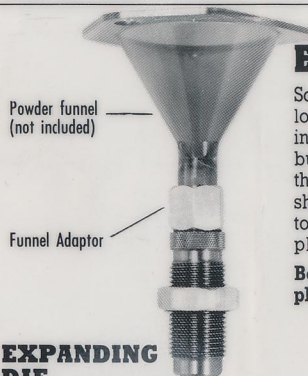


Expander Die

Screw the die in until it touches the shell holder. Finger tighten the lock ring. If flare is excessive, back die out until flare is to your liking. For maximum case life, flare only enough to easily accept a bullet. In use, the expander plug travels approximately 3/8" within the die and comes to an abrupt stop at extraction, and this helps shake the powder through. However, we recommend you check to be sure all the powder has cleared the funnel and expander plug.

Be sure to occasionally clean the bullet lube from the expander plug to prevent a powder clog.

EXPANDING DIE

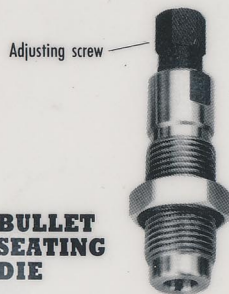


Bullet Seating Die

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. 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. It is extremely important that full wadcutter bullets be used with light loads only. You can select these by their reduced velocity.

BULLET SEATING DIE



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.

For the ultimate in speed, convenience, accuracy and versatility, we recommend you consider the Lee Auto-Disk Powder Measure. A partial listing of popular loads is listed on the other side.

CAUTION: Never try to seat a primer deeper after the powder has been added.

This die is equipped with a floating bullet seating punch for maximum accuracy. This punch is designed to seat all shapes of bullets with minimum deformation. If you attempt to compress the charge, it may deform the bullet an objectionable amount. It will be necessary to modify the bullet seating punch to fit the bullet. If unable to do it yourself or have it done locally, we can do it for you. Send \$8.00 along with a sample bullet, and order "Custom Seater Plug for sample bullet—\$8.00."

PARTS LIST

Sizing die, complete	.....\$12.00
Carbide sizing die, complete	.....20.98
Decapper, pistol	.....2.00
Decapper clamp	.....1.50
Lock ring	.....1.00
Bullet seating die, complete	.....12.00
Adjusting screw	.....1.50
Bullet seater punch	.....2.00
Expanding die, complete	.....10.00
Expanding plug	.....3.00
Powder funnel adaptor	.....2.50
Shell holder	.....3.98
Powder measure	......50
Charge table & Instructions	.....1.00
Die box	.....2.00

When ordering parts, specify for 7/8-14 die sets and indicate caliber.