

90510



RELOADING DIES

38 Special

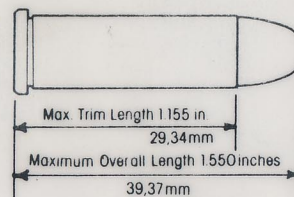
Carbide

REQUIRES NO LUBRICATION

LEE PRECISION, INC.

By far, the most popular handgun cartridge ever made. The standard gun for most police officers and a truly fine cartridge for targets. Easy to reload, it will accept a large variety of bullets. The accepted standard for target work is the 148 grain wadcutter. These cut clean holes in the target and are easy to score. More important is the exceptional accuracy wadcutters give. To maintain the accuracy, a clean gun is essential. This is a very easy cartridge to reload and a pleasure to shoot.

BULLET DIAMETER
.357-.358 inches 9.07-9.09 mm



SMALL PISTOL PRIMERS

38 SPECIAL

(90581 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.

38 SPECIAL

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.

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS	MEASURE CUBIC CEN.
81-90	TRAP 100	4.9	1099	.57
	HP38	5.0	1123	.46
	HS6	8.6	1203	.61
85-95	700X	3.6	859	.49
	PB	4.4	919	.53
	SR7625	4.7	912	.49
	SR4756	5.5	964	.61
	IMR4227	10.7	982	.82
800X		6.6	1015	.71
99-110	HS6	7.4	1127	.53
	TRAP100	4.2	918	.49
	HP38	4.3	942	.40
	PB	4.1	877	.49
	SR7625	4.7	950	.49
	SR4756	5.2	924	.57
	IMR4227	10.7	995	.82
	BULLSEYE	4.3	994	.46
	RED DOT	4.3	951	.61
	GREEN DOT	4.8	975	.66
	UNIQUE	6.0	1026	.66
	HERCO	5.9	1025	.66
	BLUE DOT	8.2	1071	.71
800X	6.2	937	.66	
103-115	NOBEL PIS 2	5.0	916	.43
	NOBEL PIS 3	3.7	880	.49
112-125	HS6	6.5	998	.46
	TRAP 100	3.9	803	.46
	HP38	4.3	897	.40
	700X	3.4	771	.46
	PB	3.8	751	.46
	SR7625	4.4	812	.46
	SR4756	4.8	818	.53
	IMR4227	9.2	825	.71
	BULLSEYE	4.0	905	.43
	RED DOT	4.3	911	.61
	GREEN DOT	4.8	938	.66
UNIQUE	5.6	919	.61	
HERCO	5.4	911	.61	
BLUE DOT	8.2	990	.71	
800X	5.7	809	.61	
117-130	HS6	6.0	941	.43
	TRAP100	3.7	773	.43
	HP38	3.7	779	.34

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS	MEASURE CUBIC CEN.
126-140	HS6	6.0	903	.43
	TRAP 100	3.4	751	.40
	HP38	3.5	793	.32
800X	4.9	684	.53	
131-146	RED DOT	2.6	734	.37
	GREEN DOT	2.7	719	.37
	UNIQUE	3.4	745	.37
	HERCO	3.3	730	.37
	BLUE DOT	5.0	760	.43
	BULLSEYE	2.8	791	.30
	RED DOT	2.8	759	.40
	GREEN DOT	3.1	810	.43
	UNIQUE	3.7	783	.40
	HERCO	3.6	772	.40
BLUE DOT	5.7	882	.49	
800X	4.9	687	.53	
133-148	HS6	5.2	800	.37
	TRAP 100	2.9	739	.34
	HP38	3.2	750	.30
	700X	2.4	719	.32
	PB	2.7	730	.32
	SR7625	2.9	722	.30
	SR4756	3.6	723	.40
	231	3.2	814	.30
	630	5.1	742	.34
	630	6.0	805	.40
REVOLVER 1	9.3	950	.66	
NOBEL PIS 2	4.0	745	.34	
NOBEL PIS 3	3.0	720	.40	
800X	4.3	709	.46	
800X	4.6	753	.49	
135-150	H4227	9.2	843	.71
	HS6	6.0	899	.43
	TRAP 100	3.2	762	.37
	HP38	3.2	730	.30
	231	4.0	795	.37
	630	7.4	844	.49
	REVOLVER 1	9.3	1240	.66
	NOBEL PIS 2	4.0	768	.34
	NOBEL PIS 3	3.0	740	.40
	800X	4.9	690	.53

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS	MEASURE CUBIC CEN.
142-158	700X	2.8	668	.37
	PB	3.1	667	.37
	SR7625	3.5	696	.37
	SR4756	4.5	736	.49
	IMR4227	7.9	747	.61
	231	3.7	735	.34
	630	6.9	767	.46
	BULLSEYE	3.5	842	.37
	RED DOT	3.5	802	.49
	GREEN DOT	3.9	828	.53
	UNIQUE	4.9	864	.53
	HERCO	4.7	876	.53
	BLUE DOT	6.6	914	.57
2400	7.7	874	.57	
REVOLVER 1	9.3	910	.66	
NOBEL PIS 2	4.0	696	.34	
NOBEL PIS 3	3.0	700	.40	
800X	4.6	715	.49	
800X	4.9	759	.53	
144-160	H4227	8.6	840	.66
	HS6	5.6	852	.40
	TRAP 100	2.9	732	.34
	HP38	3.2	730	.30
	BULLSEYE	3.2	717	.34
	RED DOT	3.5	737	.49
	GREEN DOT	3.6	726	.49
	UNIQUE	4.5	757	.49
	HERCO	4.4	737	.49
	BLUE DOT	6.6	871	.57
2400	7.7	786	.57	
148-165	REVOLVER 1	9.3	918	.66
	NOBEL PIS 2	4.0	613	.34
	NOBEL PIS 3	3.0	680	.40
180-200	H4227	7.4	734	.57
	HS6	4.2	694	.30
	700X	2.5	612	.34
	PB	2.8	607	.34
	SR7625	3.1	633	.32
	SR4756	3.6	664	.40
	IMR4227	7.4	712	.57
	231	3.2	653	.30
	630	6.0	651	.40
	800X	3.7	589	.40

Use only Dipper Number .5

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY FPS
81-90	HP38	5.4	1220
85-95	700X	3.7	877
	PB	4.1	867
	SR7625	4.8	931
99-110	HS 6	7.0	1063
	TRAP 100	4.3	936
	PB	4.1	895
	SR7625	4.8	969
103-115	NOBEL PIS 3	3.8	887
112-125	SR4756	4.5	820
126-140	800X	4.7	646
133-148	800X	4.7	768
135-150	630	7.5	861
	800X	4.7	651
142-158	SR4756	4.5	751
	RED DOT	3.5	819
	GREEN DOT	3.7	781
	UNIQUE	4.6	816
	HERCO	4.5	826
	BLUE DOT	5.8	802
	2400	6.7	767
	800X	4.7	729
144-160	RED DOT	3.5	752
	GREEN DOT	3.7	741
	UNIQUE	4.6	773
	HERCO	4.5	752
	BLUE DOT	5.8	764
	2400	6.7	689
180-200	H4227	6.5	644

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.

THESE LOADS ARE FOR THE DIPPER

CAUTION:

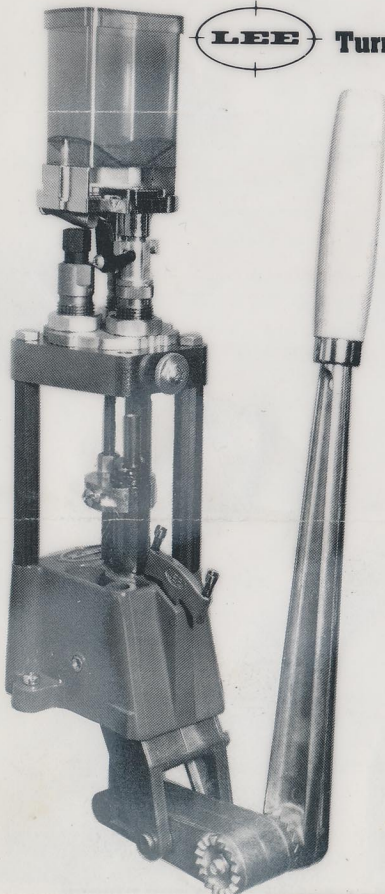
Ammunition reloading can be dangerous if done improperly and should not be attempted by persons not willing and able to read and follow instructions exactly. Children should not be permitted to reload ammunition without parental supervision. Always wear safety glasses when reloading and shooting.

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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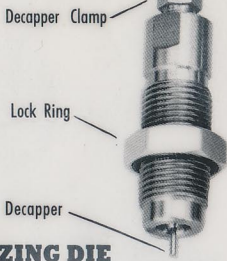
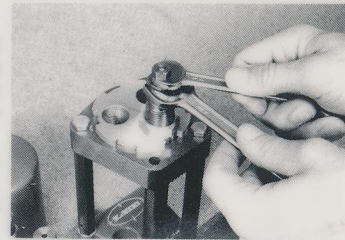
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RELOADING DIES COMPLETE INSTRUCTIONS

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.

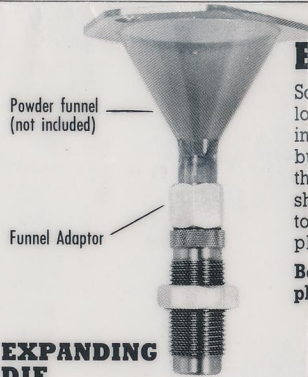


SIZING DIE

Expander Die

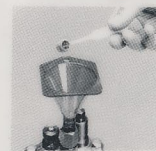
Screw the die in until it touches the shell holder. Finger tighten the lock ring. If flare is excessive, back die out until flare is to your liking. For maximum case life, flare only enough to easily accept a bullet. In use, the expander plug travels approximately 3/8" within the die and comes to an 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

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.

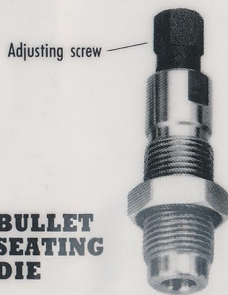
For the ultimate in speed, convenience, accuracy and versatility, we recommend you consider the Lee Auto-Disk Powder Measure. A partial listing of popular loads is listed on the other side.

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

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 our 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

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	.....	\$10.00
Carbide Size Die, complete	.....	20.98
Decapper	.....	2.00
Decapper clamp	.....	1.00
Lock ring	.....	1.00
Bullet seating die, complete	.....	10.00
Adjusting screw	.....	1.50
Bullet seater punch	.....	1.50
Expanding Die, complete	.....	10.00
Expanding Plug	.....	3.00
Powder Funnel Adaptor	.....	2.50
Shell Holder	.....	3.98
Powder Measure	.....	.50
Charge Table & Instructions	.....	.25
Die Box	.....	2.00