

LEE RELOADING
DIES

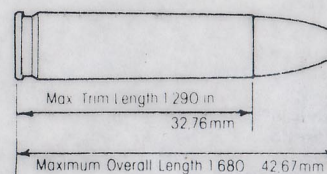
30 MI Carbine

Carbide

LEE PRECISION, INC.

The action for the 30M1 Carbine is a brainchild of the famous Carbine Williams. Supposedly developed while in prison in solitary confinement, Mr. Williams devised a dependable short stroke gas operated piston and a mass inertia system. Winchester produced the 30 M1 carbine, which was adopted to take the place of the handgun. The small, lightweight arm certainly was better than a .45 automatic in the hands of someone not proficient. It's a fun gun to shoot. With handloads and cast bullets, it's almost as cheap to shoot as a .22 rim fire. It does not have enough energy for deer size game.

BULLET DIAMETER
.308 inches 7.82mm



SMALL RIFLE PRIMERS

30MI Carbine

(90494 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.

THESE LOADS ARE FOR THE DIPPER

Use only Dipper Number 1

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY F.P.S.
69-77	H4227	13.0	1469
	H110	14.9	2086
76-85	H110	14.9	2193
83-93	H4227	13.0	1431
90-100	SR4759	10.1	1442
	IMR4227	13.0	1629
	IMR4198	12.6	1333
	H4227	13.0	1700
99-110	SR4759	10.1	1414
	IMR4227	13.0	1646
	IMR4198	12.6	1302
	H4227	13.0	1735

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

Be sure your measure is 1.0cc

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.

30 MI CARBINE

THESE LOADS ARE FOR THE LEE AUTO DISK POWDER MEASURE

BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY F.P.S.	MEASURE CUB. CEN.	BULLET WEIGHT	POWDER TYPE	CHARGE GRAINS	VELOCITY F.P.S.	MEASURE CUB. CEN.
69-77	HP38	3.7	859	.34	99-110	680	13.4	1653	.88
	H4227	14.2	1601	1.09		296	13.4	1772	.88
	HS7	7.8	1284	.53		630	10.7	1599	.71
	HS6	6.9	1150	.49		HS7	7.2	1048	.49
	TRAP 100	3.7	898	.43		HS6	6.5	1000	.46
	H110	15.2	2128	1.02		TRAP 100	2.9	753	.34
76-85	H110	14.1	2083	.95	SR4759	11.0	1542	1.09	
					IMR4227	13.3	1679	1.02	
83-93	HS7	7.8	1242	.53	ACCURATE 9	11.6	1669	.76	
	HS6	6.9	1096	.49	MR5774	11.6	1467	.82	
	TRAP 100	3.7	916	.43	H4227	13.3	1769	1.02	
	HP38	3.7	873	.34	H110	13.1	1784	.88	
	H4227	13.3	1459	1.02	BLUE DOT	7.6	1455	.66	
	H110	14.1	2027	.95	2400	9.6	1471	.71	
	REVOLVER 1	13.3	1885	.95	REVOLVER 1	12.4	1720	.88	
90-100	HS7	7.2	1100	.49	100-112	UNIQUE	4.9	1117	.53
	HS6	6.9	1099	.49	BLUE DOT	8.8	1341	.76	
	TRAP 100	3.2	866	.37	2400	8.9	1374	.66	
	HP38	3.2	818	.30					
99-110	SR4759	11.0	1571	1.09	103-115	HS7	7.2	1073	.49
	IMR4227	14.2	1775	1.09	HS6	6.5	1024	.46	
	H4227	13.3	1735	1.02	TRAP 100	2.7	729	.32	
	H110	13.1	1819	.88	H110	11.3	1664	.76	
	BLUE DOT	8.2	1563	.71	H4227	12.3	1680	.95	
	2400	11.1	1632	.82	REVOLVER 1	12.4	1701	.88	
117-130	HS7	5.9	1003	.40					
	HS6	5.6	961	.40					
	H4227	9.9	1416	.76					
	H110	9.8	1498	.66					
	REVOLVER 1	10.7	1556	.76					

CASE LUBRICATION

The 30M1 Carbine is a tapered case with thick walls. This causes considerable pressure when sizing and we strongly urge that some lubrication be used when sizing. Use LEE lube every 5th to 10th case, or as needed.

Unlike other brands of dies, we see no need to limit use of this die for commercial cases only. We have had no problems with military cases. Of course, if some types give problems it would be wise to discontinue their use.

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

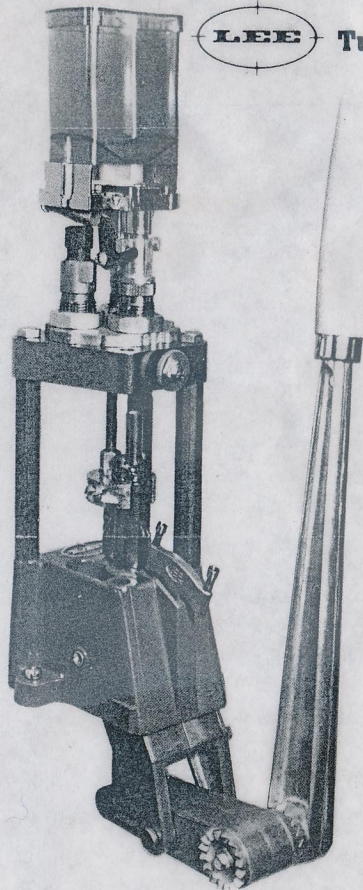
CAUTION:

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.

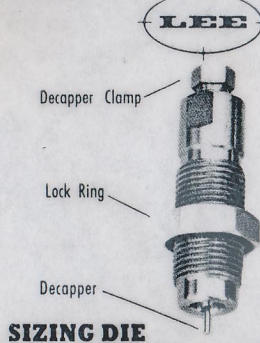
Ammunition loaded with these tools and data should only be used in modern guns in good condition. We do not accept responsibility for ammunition loaded with these tools or data as we have no control over the manufacture and storage of components or the loading procedure and techniques. Primers and gun powders, like gasoline and matches, can be dangerous if improperly handled or misused.

AutoDisk Powder Measure

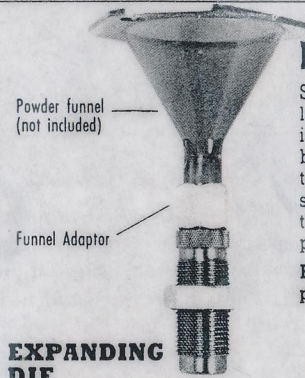
The Auto Disk Powder Measure fits into the expanding die in place of the powder funnel adaptor. While the case neck is being expanded, the charge is automatically and accurately dispensed. Comes complete with four (4) charge disks and 24 different cavities. More accurate than any other measure because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



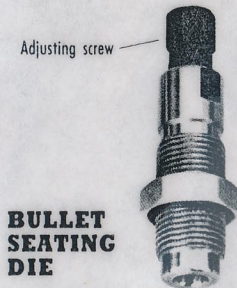
LEE Turret Press



SIZING DIE



EXPANDING DIE



BULLET SEATING DIE



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

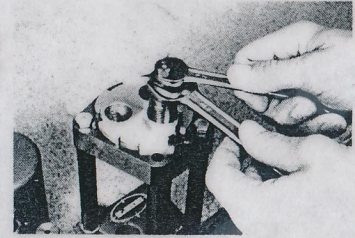
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RELOADING DIES COMPLETE INSTRUCTIONS

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.

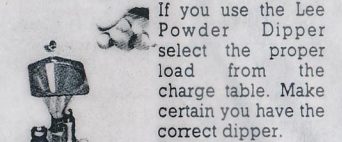


Expander Die

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.

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 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.

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	.....	.60
Charge table & Instructions	.....	1.00
Die box	2.00

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

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