

## Customer Service

If you have any questions regarding these instructions or any of Lyman's or Mark 7's wide range of products, please call Lyman Customer Service at 1-800-225-9626, except foreign countries, who may call (860) 632-2020.

You can reach customer service between the hours of 9:00 a.m. and 4:30 p.m.  
Monday through Friday, Eastern Time.

# Lyman®

Lyman Products Corporation  
475 Smith Street, Middletown, CT 06457  
Visit Us on the Web at:

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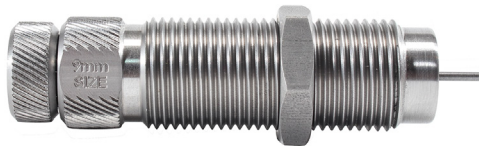
Instructions #7700970

Rev. 05/20

# Lyman® *Pro Dies*

## STAINLESS STEEL

### Stainless Pro Carbide Sizing Dies



9mm - Part #7704230

38 Super - Part #7704232

40 S&W/10mm - Part #7704234

45 ACP - Part #7704236

380 Auto - Part #7704238

223 - Part #7704240

308 - Part #7704242

300 AAC - Part #7704244

6.5 Creedmoor - Part #7704246

### Stainless Pro Carbide Sizing Dies

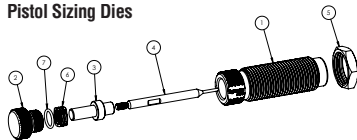
Install the proper shell plate or shell holder before proceeding with any die installations.

Lubrication: When using a single station or turret press, cases can be sized in pistol tungsten carbide sizing dies without the use of lube. For progressive or fully automated presses, we recommend that the cases be given a light coat of case lube prior to sizing. This reduces strain on shell plates and allows cases to be processed much smoother and easier. For carbide rifle dies, all cases should be lubed before sizing.

Adjusting Carbide Sizing Dies: Cycle the press until the shell plate or shell holder are at their full travel and closest to the die station. Turn the die into the press until its bottom edge makes contact with the shell plate or shell holder, then back the die off about the thickness of a match book cover. For pistol dies, you can now tighten the die lock ring and your T/C die is ready to use. For bottleneck rifle dies, we strongly suggest the use of a headspace gauge to confirm that the headspace of the case is correct. The die may need to be adjusted up or down slightly to correct headspace. Do not turn your T/C die to contact the top of the shell plate or shell holder! Carbide is an extremely hard material which shatters easily if forced against a hard surface. Pro dies are equipped with a spring-loaded decapping rod system to ensure that the primer is forcefully ejected from the primer pocket every time. No adjustment is needed for the rod and decapping pin position.

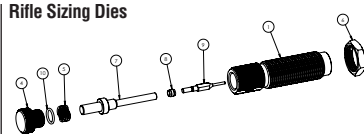
To disassemble the die, unscrew the cap at the top of the die and lift the decapping rod assembly out of the die body. Be careful not to lose the spring. For pistol dies, the decapping rod can be removed by unthreading it from the decapping rod adapter. For rifle dies, the decapping pin can be removed by unthreading it from the decapping rod. The expander button can now be slide off of the rod also. Reassemble in reverse order.

### Pistol Sizing Dies



Item #	Part #	Description
1	7702230M	9mm Size Die Body
	7702232M	38 Super Size Die Body
	7702234M	40S&W/10mm Size Die Body
	7702236M	45 ACP Size Die Body
	7702238M	380 ACP Size Die Body
2	7702210	Cap
3	7702053	Decapping Rod Adapter
4	7702215	Decapping Rod, Short
5	201-1113	Thin Die Nut
6	7702051	Wave Spring
7	7990008	O-Ring

### Rifle Sizing Dies



Item #	Part #	Description
1	7702240M	223 Rem Size Die Body
	7702242M	308 Win Size Die Body
	7702244M	300 AAC Size Die Body
	7702246M	6.5 Creedmoor Size Die Body
4	7702210	Cap
5	7702051	Wave Spring
6	201-1113	Thin Die Nut
7	7702219	Decap Rod, Rifle Long (308, 6.5)
	7702220	Decap Rod, Rifle Short (223,300)
8	7124422P	Exp. Btn, Cbide 30C (300AAC & 308Win)
	7124420P	Exp. Btn, Cbide 22 (223Rem)
	7124424P	Exp. Btn, Cbide 6.5 (6.5Creed)
9	7702217	Decap Rod, Tip
10	7990008	O-Ring