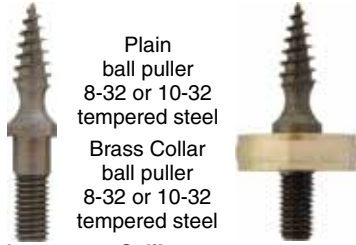


Ball Pullers

Ball Pullers with brass collar. 8-32 thread for standard rods 10-32 threads for T/C, CVA, Lyman, Traditions, and most Italian or Spanish replica guns.



Plain ball puller 8-32 or 10-32 tempered steel
Brass Collar ball puller 8-32 or 10-32 tempered steel

8-32 thread	10-32 thread	Caliber
#BP-32-8	#BP-32-10	.32 caliber with brass collar
#BP-36-8	#BP-36-10	.36 caliber with brass collar
#BP-40-8	#BP-40-10	.40 caliber with brass collar
#BP-45-8	#BP-45-10	.45 caliber with brass collar
#BP-50-8	#BP-50-10	.50 caliber with brass collar
#BP-54-8	#BP-54-10	.54 caliber with brass collar
#BP-58-8	#BP-58-10	.58 caliber with brass collar
Ball Pullers, above only \$2.50		
#BP-62-8	#BP-62-10	.62 caliber with brass collar
#BP-69-8	#BP-69-10	.69 caliber with brass collar
	#BP-75-10	.75 caliber with brass collar
Ball Pullers, above only \$3.50		

Ball Puller screw, plain without collar #BP-8 or 10
Plain blued steel ball extractor, for a rod near bore diameter.
#BP-08 ball puller, blued, 8-32 thread **only \$1.25**
#BP-10 ball puller, blued, 10-32 thread **only \$1.25**



#BP-1817

U.S. 1817 Pattern ball puller, for .36 or larger bore.
Hide it inside of your patchbox, **only \$8.99**

U.S. 1817 Pattern Musket Ball Puller.....#BP-1817-8 or 10-M
Our U.S. 1817 Pattern musket ball pullers are hand forged steel. Available in 8/32" or 10/32" male thread, for use in .36 or larger bore.

#BP-1817-08-M	long ball puller, 8-32 stud	only \$8.99
#BP-1817-10-M	long ball puller, 10-32 stud	only \$8.99
#BP-1817-08-F	long ball puller, 8-32 hole	only \$8.99
#BP-1817-10-F	long ball puller, 10-32 hole	only \$8.99
#BP-1817-12-F	long ball puller, 12-24 hole	only \$8.99



#Worm-1817

U.S. 1817 Pattern cleaning worm, for .47 or larger bore.
Hide it inside your rifle's patchbox, **only \$8.99**

U.S. 1817 Pattern Musket Worm#Worm-1817-8 or 10-F
Our U.S. 1817 Pattern musket worms are hand forged steel, in 8/32" or 10/32" female thread for metal rod, male for rod tip, .47 or larger.

#Worm-1817-08-M	long patch worm, 8-32 stud	only \$8.99
#Worm-1817-10-M	long patch worm, 10-32 stud	only \$8.99
#Worm-1817-08-F	long patch worm, 8-32 hole	only \$8.99
#Worm-1817-10-F	long patch worm, 10-32 hole	only \$8.99
#Worm-1817-12-F	long patch worm, 12-24 hole	only \$8.99



#ST-7
Short Starter
Ball Starter
\$6.99

Short Starter #ST-5, 6, 7 or 8

Maple balls are fitted with a hickory rod, brass tips, waterproof glue, and oil finished.

The 5/16" size has a solid brass rod.

#ST-5 Short starter, 5/16" for .32, .36, .38 caliber.

#ST-6 Short starter, 3/8" for .40, .45 caliber

#ST-7 Short starter, 7/16" for .50 caliber

#ST-8 Short starter, 1/2" for .54 caliber & larger

Select short starter, above

only \$6.99

Pistol Loader & Starter#PL-45, 50 or 54

Maple ball with 10-3/4" hickory rod. Finished in hot linseed oil, with waterproof glue, brass tips, integral jag with 10-32 thread.

#PL-45 Pistol loader & short starter, .45 caliber.

#PL-50 Pistol loader & short starter, .50 caliber

#PL-54 Pistol loader & short starter, .54 caliber

Pistol loader & short starter, above

only \$8.99

Maple Ball, for rod handle & starter:

Unfinished, our 1-3/4" maple balls make great handles for ramrods, or make your own ball starter. Sanded but not drilled, or sanded, drilled, and fitted with our 8-32 or 10-32 steel screw, to instantly thread into your ramrod tip, for use as a handle.

#Ball-Wood maple ball, 1-3/4", plain **only \$1.00**

#Ball-Rod-8 maple ball, 8-32 screw **only \$2.59**

#Ball-Rod-10 maple ball, 10-32 screw **only \$2.59**

Fouling Scraper Tips

Fouling Scrapers with 8-32 threads for older ramrods, or 10-32 threads for Thompson Center, CVA, Traditions, and most Italian guns. Brass with a flat face to scrape fouling from the plug face, or cut it to fit.



8-32 thread	10-32 thread	Caliber
#FS-32-8	#FS-32-10	.32 caliber fouling scraper
#FS-36-8	#FS-36-10	.36 caliber fouling scraper
#FS-40-8	#FS-40-10	.40 caliber fouling scraper
#FS-45-8	#FS-45-10	.45 caliber fouling scraper
#FS-50-8	#FS-50-10	.50 caliber fouling scraper
#FS-54-8	#FS-54-10	.54 caliber fouling scraper
#FS-58-8	#FS-58-10	.58 caliber fouling scraper
Fouling scrapers, above only \$2.99		
#FS-62-8	#FS-62-10	.62 caliber fouling scraper
#FS-69-8	#FS-69-10	.69 caliber fouling scraper
#FS-75-8	#FS-75-10	.75 caliber fouling scraper
Fouling scrapers, above only \$3.99		

#Ramrod-T-10
'T' rod handle
10-32 thread
\$4.99

Heavy Duty "T" Handle for Ramrod... #Ramrod-T-8 or 10
An aluminum "T" handle with steel 8-32 or 10-32 threads.
#Ramrod-T-8 rod "T" handle, 8-32 thread **only \$4.99**
#Ramrod-T-10 rod "T" handle, 10-32 thread **only \$4.99**



#Brush-50-10
.50 caliber
Bronze Bore Brush
\$2.79



#Bore-Mop-50-10
.50 caliber
Cotton Bore Mop
\$2.79

Bore Mops, 100% cotton.....#Bore-Mop-(caliber)

These cotton bore mops are excellent for quick cleaning and bore lubricating. Wash, rinse and air dry after use, or throw them into your dishwasher. They last a long time. Available in 10-32 to fit your ramrod, or add one of our adapters to fit any ramrod.

#Bore-Mop-32-10	bore mop, .32 caliber, 10-32	only \$2.79
#Bore-Mop-36-10	bore mop, .36 caliber, 10-32	only \$2.79
#Bore-Mop-40-10	bore mop, .40 caliber, 10-32	only \$2.79
#Bore-Mop-45-10	bore mop, .45 caliber, 10-32	only \$2.79
#Bore-Mop-50-10	bore mop, .50 caliber, 10-32	only \$2.79
#Bore-Mop-54-10	bore mop, .54 caliber, 10-32	only \$2.79
#Bore-Mop-58-10	bore mop, .58 caliber, 10-32	only \$2.79
#Bore-Mop-62-10	bore mop, .62 caliber, 10-32	only \$2.79
#Bore-Mop-69-10	bore mop, .69 caliber, 10-32	only \$2.79
#Bore-Mop-75-10	bore mop, .75 caliber, 10-32	only \$2.79

Bore Brushes, phosphor bronze.....#Brush-(caliber)

Bronze bore brushes for black powder guns, with extra bristles at front to clean the breech plug. Rinse in water after use.

#Brush-32-8	bore brush, .32 caliber, 8-32	only \$2.79
#Brush-32-10	bore brush, .32 caliber, 10-32	only \$2.79
#Brush-36-8	bore brush, .36 caliber, 8-32	only \$2.79
#Brush-36-10	bore brush, .36 caliber, 10-32	only \$2.79
#Brush-45-10	bore brush, .45 caliber, 10-32	only \$2.79
#Brush-50-10	bore brush, .50 caliber, 10-32	only \$2.79
#Brush-54-10	bore brush, .54 caliber, 10-32	only \$2.79
#Brush-58-10	bore brush, .58 caliber, 10-32	only \$2.79
#Brush-58-5/16	bore brush, .58 caliber, 5/16-27	only \$2.79
#Brush-62-10	bore brush, .62 caliber, 10-32	only \$2.79
#Brush-69-5/16	bore brush, .69 caliber, 5/16-27	only \$2.79
#Brush-69-10	bore brush, .69 caliber, 10-32	only \$2.79
#Brush-75-5/16	bore brush, .75 caliber, 5/16-27	only \$2.79
#Brush-75-10	bore brush, .75 caliber, 10-32	only \$2.79