



SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE, INC.

SINCE 1926

TECHNICAL DATA SHEET UNSAFE FIREARM-AMMUNITION COMBINATIONS

The discharge of ammunition in a firearm that is not designed to shoot that ammunition can be dangerous and can result in serious injury or death to the user and/or bystanders, as well as damage to the firearm. This unsafe condition is caused by an excessive build-up and/or release of high-pressure gas in a firearm's chamber, barrel and/or action beyond which the firearm is designed to withstand. Therefore, in the interest of safety, you should use only ammunition of the caliber or gauge designated by the firearm manufacturer for use in that firearm. Markings indicating the correct caliber or gauge of ammunition to be used in a firearm are usually found on the firearm's barrel, frame or receiver.

One way to verify that you are using the correct ammunition is to check the head stamp on the ammunition to confirm that it matches the caliber or gauge markings placed on the firearm by the firearm's manufacturer. Some types of ammunition do not have markings on the head stamp of the cartridge. In that case, check the original ammunition packaging to determine its caliber. If you have any doubt about the caliber of the ammunition, you should not use the ammunition until you have it examined by a qualified person who can determine its caliber. Remember just because a round of ammunition can fit into a firearm's chamber, barrel or action does not mean it is safe to use that ammunition in the firearm.

Due to the availability of many different shapes and sizes of ammunition and firearms, there are countless unsafe ammunition-firearm combinations such that a comprehensive list of unsafe combinations is neither feasible, nor practicable. Below is a list of some unsafe combinations that are well known because of somewhat similar chamber and ammunition dimensions.

If the caliber or gauge is not clearly marked on the firearm, or if it appears the original markings on the firearm have been altered or modified in any way, do not use the firearm as serious injury or death could result to the user and/or bystanders, as well as damage to the firearm.

Similarly, SAAMI has not published voluntary recommended practices or procedures for re-chambering of firearms. It is possible the re-chambering of a firearm may not have been done properly or may not have been properly marked on the firearm. If the caliber or gauge marking is missing or altered in any way, you should not use the firearm. You should instead have the firearm examined by a qualified person to determine what caliber or gauge ammunition can safely be used in that firearm.

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RIMFIRE

In Firearms Chambered For

5mm Rem RF Magnum

17 Hornady Magnum Rimfire

17 Winchester Super Magnum

17 Precision Made Cartridge

22 Short

22 Long

22 Winchester Rimfire

22 Winchester Magnum

Do Not Use These Cartridges

17 Precision Made Cartridge

17 Mach 2

22 BB Cap

22 CB Cap

22 Short

22 Long

22 Long Rifle

22 Long Rifle Shot

22 Winchester Automatic

17 Precision Made Cartridge

17 Mach 2

22 CB Short

22 Short

22 Long

22 Long Rifle

22 Stinger

22 CB

17 Hornady Magnum Rifle

22 BB Cap

17 Mach 2

17 Precision Made Cartridge

17 Mach 2

17 Precision made Cartridge

17 Precision Made Cartridge

22 BB Cap

22 CB Cap

22 Short

22 Long

22 Long Rifle

22 Long Rifle Shot

17 Precision Made Cartridge

22 BB Cap

22 CB Cap

22 Short

22 Long

22 Long Rifle

22 Long Rifle Shot

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RIMFIRE (continued)

In Firearms Chambered For

22 Winchester Automatic

25 Stevens Long

Do Not Use These Cartridges

17 Precision Made Cartridge
22 BB Cap
22 CB Cap
22 Short
22 Long
22 Long Rifle
22 Long Rifle Shot

5mm Rem RF Magnum

SHOTGUN¹

In Firearms Chambered For

10 Gauge

12 Gauge

16 Gauge

20 Gauge

410 Bore

Do Not Use These Cartridges

12 Gauge

16 Gauge
20 Gauge

20 Gauge

28 Gauge

Do Not Use Any Centerfire Metallic Cartridges

CENTERFIRE PISTOL & REVOLVER

In Firearms Chambered For

9mm Luger

9mm Winchester Magnum

9x18 Makarov

Do Not Use These Cartridges

9mm NATO (Military)
40 Smith & Wesson
9x18 Makarov

9x18 Makarov

9mm Luger
38 Automatic

¹ **Note:** With any gauge, shotshells of a given nominal length should not be fired in a gun the chamber of which is shorter than the fired length, e.g. a 3" (75mm) shell fired in a 2 ¾" (70mm) chamber.



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CENTERFIRE PISTOL & REVOLVER

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

9x18 Makarov (Cont.)

38 Super Automatic +P²
380 Automatic

9x23 Winchester

38 Super Automatic +P²
380 Automatic

32 H&R Magnum

32 Long Colt

32 Smith & Wesson

32 Automatic
32 Long Colt
32 Short Colt

32-20 Winchester

32-20 Winchester High Velocity

357 Sig

9mm Luger

38 Automatic

38 Super Automatic +P²
9mm Luger
9x18 Makarov
9x23 Winchester

38 Super Automatic +P²

9mm Luger
9x18 Makarov
9x23 Winchester

38 Smith & Wesson

38 Automatic
38 Long Colt
38 Short Colt
38 Special
9x18 Makarov

38 Special

357 Magnum
380 Automatic

40 Smith & Wesson

9mm Luger

44-40 Winchester

44-40 Winchester High Velocity

45 Automatic

38-40 Winchester
44 Remington Magnum
44 Special
44-40 Winchester
45 Glock Automatic Pistol

² **Note:** +P ammunition is loaded to a higher pressure, as indicated by the +P marking on the cartridge case headstamp, for use in only in firearms especially designed for this cartridge and so recommended by the manufacturer.



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CENTERFIRE PISTOL & REVOLVER

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

45 Colt

38-40 Winchester
44 Remington Magnum
44 Special
44-40 Winchester
454 Casull

45 Winchester Magnum

45 Automatic
45 Glock Automatic Pistol
454 Casull

45 Glock Automatic Pistol

45 Automatic
45 Winchester Magnum

475 Linebaugh

45 Long Colt
44 Remington Magnum
44 S&W Special
45 Automatic Rim

480 Ruger

45 Long Colt
44 Remington Magnum
44 S&W Special
45 Automatic Rim

CENTERFIRE RIFLE

In Firearms Chambered For

Do Not Use These Cartridges

5.56X45 mm NATO

25-45 Sharps

6mm Remington (244 REM)

250 Savage
7.62x39

6.5mm Remington Magnum

300 Savage

6x47 Remington

25-45 Sharps

6.5 Creedmoor

357 Magnum
357 Remington Maximum

6.5 x 06 A-Square

7.62 x 39

6.5x55 Swedish

7mm BR Remington
7.62x39
300 Savage



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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

6.5-284 Norma

6mm Creedmoor
6.5 Creedmoor

6.5-300 Weatherby Magnum

257 Weatherby Magnum
270 Weatherby Magnum
7mm Weatherby Magnum
7mm Remington Magnum
300 Winchester Magnum
338 Winchester Magnum

7mm Express Remington

7mm Mauser (7x57)
270 Winchester
30 Remington
30-30 Winchester
300 Savage
308 Winchester
32 Remington
375 Winchester
38-55 Winchester

7mm Mauser (7x57)

7.62 x 39
300 Savage
30-30 Winchester

7mm Remington Magnum

7mm Express Remington
7mm Mauser (7x57)
7mm Remington Ultra Magnum
7mm Weatherby Magnum
270 Winchester
280 Remington
300 Winchester Magnum
303 British
308 Winchester
35 Remington
350 Remington Magnum
375 Winchester
38-55 Winchester

7mm Remington Short Action Ultra Magnum

7mm-08 Remington
357 Remington Maximum
454 Casull
480 Ruger

7mm Remington Ultra Magnum

300 Winchester Magnum



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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

7mm Shooting Times Westerner

30-06 Springfield
30-40 Krag
300 Winchester Magnum
350 Remington

7mm Weatherby Magnum

7mm Express Remington
7mm Mauser (7x57)
7mm Remington Magnum
8mm Mauser
270 Winchester
280 Remington
303 British
308 Winchester
35 Remington
350 Remington Magnum
375 Winchester
38-55 Winchester

7mm-08 Remington

7.62x39

8mm Mauser (8x57)

7mm Mauser (7x57)
35 Remington

8mm Remington Magnum

338 Winchester Magnum
350 Remington Magnum
358 Norma Magnum
375 Winchester
38-55 Winchester

17 Remington

221 Remington Fireball
25-45 Sharps
30 Carbine
300 AAC Blackout

17-223 Remington

17 Remington
221 Remington Fireball
30 Carbine

20 Nosler

221 Remington Fireball
300 ACC Blackout

204 Ruger

25-45 Sharps

22-250 Remington

204 Ruger

22 Nosler

300 AAC Blackout

220 Swift

7.62 x 39



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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

222 Remington

25-45 Sharps
300 AAC Blackout

223 Remington

5.56mm Military
222 Remington
25-45 Sharps
30 Carbine
300 AAC Blackout

224 Weatherby Magnum

222 Remington Magnum

240 Weatherby Magnum

220 Swift
225 Winchester

243 Winchester

7.62x39
225 Winchester
250 Savage
300 Savage

243 Winchester Super Short Magnum

30 Carbine
32-20 Winchester

25 Winchester Super Short Magnum

30 Carbine
32-20 Winchester

25-06 Remington

7mm BR Remington
7.62x39
308 Winchester

25-45 Sharps

300 AAC Blackout

257 Roberts

7.62x39
250 Savage



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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

257 Weatherby Magnum

25-06 Remington
25-35 Winchester
6.5mm Remington Magnum
284 Winchester
7mm-08 Remington
7mm Mauser
7.62x39
300 Savage
303 Savage
307 Winchester
308 Winchester
30-30 Winchester
32 Winchester
32-40 Winchester
35 Remington
350 Remington Magnum
356 Winchester
358 Winchester
375 Winchester
38-55 Winchester

26 Nosler

7mm Remington Short Action Ultra Magnum
30-30 Winchester

264 Winchester Magnum

270 Winchester
284 Winchester
303 British
350 Remington
375 Winchester
38-55 Winchester

27 Nosler

7mm Remington Magnum
30-30 Winchester

270 Weatherby Magnum

25-06 Remington
270 Winchester
280 Remington
284 Winchester
7mm-08 Remington
7-30 Waters
30 Remington
30-30 Winchester
300 Savage
303 Savage
307 Winchester
308 Winchester
32 Winchester



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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

270 Weatherby Magnum (Cont.)

32 Winchester Special
32-40 Winchester
35 Remington
35 Remington Magnum
356 Winchester
375 Winchester
38-55 Winchester

270 Winchester

7.62x39
30 Remington
30-30 Winchester
300 Savage
308 Winchester
32 Remington
375 Winchester
38-55 Winchester

270 Winchester Short Magnum

7mm Remington Short Action Ultra Magnum
32-40 Winchester
38-40 Winchester
44-40 Winchester
44 Remington Magnum
45 Colt
454 Casull
480 Ruger

28 Nosler

30-30 Winchester

280 Remington

7mm Mauser (7x57)
7.62x39
270 Winchester
30 Remington
30-30 Winchester
300 Savage
308 Winchester
32 Remington
375 Winchester
38-55 Winchester

284 Winchester

7mm Mauser (7x57)
300 Savage

30 Thompson Center

41 Remington Magnum
44 Remington Magnum
44 Smith & Wesson Special
45 Automatic

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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

30-06 Springfield

30-40 Krag (30 Govt)

30-378 Weatherby Magnum

300 Holland & Holland Magnum

300 Pegasus

300 Remington Ultra Magnum

300 Savage

300 Weatherby Magnum

300 Winchester Magnum

Do Not Use These Cartridges

7.62x39
8mm Mauser (8x57)
32 Remington
35 Remington
375 Winchester
38-55 Winchester

303 British
303 Savage
32 Winchester Special

8mm Remington Magnum
300 Remington Ultra Magnum
300 Weatherby Magnum
300 Winchester Magnum
338 Winchester Magnum
340 Weatherby Magnum

8mm Mauser (8x57)
30-06 Springfield
30-40 Krag
375 Winchester
38-55 Winchester

300 Remington Ultra Magnum

30 Remington
30-30 Winchester
300 Savage
308 Winchester
32 Winchester Special
357 Remington Maximum
454 Casull
480 Ruger

338 Winchester Magnum

6.5-300 Weatherby Magnum
338 Winchester Magnum

8mm Mauser Rd. Nose Magnum
303 British
350 Remington Magnum
375 Winchester
38-55 Winchester



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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

Do Not Use These Cartridges

300 Winchester Short Magnum

32-40 Winchester
38-40 Winchester
44-40 Winchester
44 Remington Magnum
45 Colt
454 Casull
480 Ruger

303 British

30-30 Winchester
32 Winchester Special

303 Savage

30-30 Winchester
32 Winchester Special
32-40 Winchester

308 Marlin Express

38-40
41 Remington Magnum
44 Remington Magnum
44 Smith & Wesson Special
44-40 Winchester

308 Winchester

7.62x39
300 Savage

338 Excalibur

300 Remington Ultra Magnum

338 Lapua Magnum

444 Marlin

338 Remington Ultra Magnum

300 Weatherby Magnum
35 Whelen

338 Winchester Magnum

375 Winchester
38-55 Winchester

338-06 A-Square

35 Remington

338-378 Weatherby Magnum

338 Remington Ultra Magnum

340 Weatherby Magnum

6.5-300 Weatherby Magnum
350 Remington Magnum
375 Winchester
38-55 Winchester
416 Taylor Magnum
444 Marlin

348 Winchester

35 Remington

35 Remington

30-30 Winchester

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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

358 Shooting Times Alaskan

375 H&H Magnum

375 Remington Ultra Magnum

375 Weatherby

375 Winchester

378 Weatherby Magnum

38-55 Winchester

405 Winchester

416 Rigby

416 Ruger

Do Not Use These Cartridges

7mm Shooting Times Westerner
338 Winchester Magnum
8mm Remington
350 Remington Magnum
358 Norma Magnum
375 Winchester
38-55 Winchester
416 Taylor Magnum

375 Winchester
38-55 Winchester

375 H&H Magnum
375 Ruger

6.5-300 Weatherby Magnum
416 Taylor Magnum

38-55 Winchester
41 Long Colt

375 Remington Ultra Magnum
416 Taylor Magnum
444 Marlin
45-70 Government

375 Winchester
41 Long Colt

7x30 Waters
30-30 Winchester
30-40 Krag
303 British
375 Winchester
38-55 Winchester

300 Remington Ultra Magnum
338 Remington Ultra Magnum
416 Remington
416 Ruger

444 Marlin
45-75 Govt
450 Marlin
500 Smith & Wesson



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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For

416 Weatherby Magnum

45-70 Government

458 Lott

460 Weatherby Magnum

Do Not Use These Cartridges

416 Remington

416 Rigby

416 Ruger

45-70 Government

454 Casull

475 Linebaugh

480 Ruger

6.5-300 Weatherby Magnum

458 Winchester