

RELOADING EQUIPMENT

Product Catalog

2020

Product Catalog

2021-Price Freeze



New "Elite" Die Sets New Concentricity Gauge

75 ANNIVERSARY

Proudly Made in America

## 2021 - Our 75th Year

Although 2021 marks our 75th year - 2020 was an extremely challenging year for everyone to say the least, one that most of us would prefer to look at in the rearview mirror. The COVID pandemic and the financial hardships it placed on so many have prompted our 75th anniversary celebration to be a gift back to our customers in the form of a 2021 price freeze.

Redding has always been driven to meet and exceed the expectations of our customers.

As such, the extraordinary growth of this industry has forced us to take an aggressive path. Therefore, we have shifted the entire focus of our engineering and manufacturing resources to enhance our overall production. With new products on hold, the 2020 catalog is being reprinted "as is" with the 2021 price freeze.

By the time you read this, six additional CNC machining centers will have been added to our production floor but we

expect that there will still be shortages in some areas. As a result, we are putting a "temporary hold" on all Special "one off" die projects (page 27) and limiting all SAECO products to inventory on hand until such time as it becomes practical to resume.

Richard W. Beebe President





Type S "Elite"
Bushing Die Sets

Created by customer demand.
Available for 85 popular
cartridges from the
204 Ruger to the
338 Lapua Mag
See Pages 8 & 9

What's New . . .

New! Slant Bed Concentricity Gauge

Unique Ergonomic Design - Extremely
User Friendly - Provides Accurate
Measurements of Case Neck
and Bullet Run-Out
See Page 34

New! Die Sets for new Cartridges

22 Creedmoor • 6.5 PRC 6.5 WBY RPM • 300 PRC • 350 LEGEND See Pages 9, 12, 13 & 14

New! Primer Arm Change for all Presses

See page 30 — Primer Arm Assembly Update



## New! Imperial Screw Thread Wax

A proprietary formulation originally developed as a "Stay-Put" wax lubricant for use in our manufacturing process. Unlike grease or oils, wax lubricants stay in place, sealing out moisture and other contaminants to prevent corrosion. 101 other general purpose uses.

ITEM NO. 07400 (2 oz. tin) . . . \$14.70

## Imperial Lubricants - produced by Redding





## Highly respected Imperial Lubricants complement the Redding product line and are now produced at the Redding facility.

Imperial Sizing Die Wax is the most recognized product of the line. Because of its superior performance and ease of application and cleanup, this product has been a favorite of knowledgeable reloaders for years. Redding is committed to maintaining the integrity of this product by producing it to the exact formulation that made it so popular.

Imperial Dry Neck Lube is the perfect lube for those who neck size. This product can be used inside and outside the case neck, reducing the drag on both the die and size button without concern about powder contamination.

### Imperial Bio-Green Case Lube

A petroleum free, super duty case forming and resizing lubricant made from biodegradable plant materials. Will not stain your brass – easy water clean up. Imperial Bio-Green has proven to be our best liquid formulation ever . . . and is now included in all kits.

ITEM NO. 07300 . . . . . . . . . . \$11.50



### Imperial Convenience-Pak with Application Media

A convenient way to purchase Imperial Application Media (Item No. 07900) together with Imperial Dry Neck Lube for replenishment (Item No.07700) in one handy container.

ITEM NO. 07200 . . . . . . . . \$25.25





### Imperial Dry Neck Lube

For use inside and outside the case neck to reduce drag on both the die and size button without concern of powder contamination. Packaged in 1 oz. container.

ITEM NO. 07700 . . . . . \$11.85

## Imperial Sizing Die Wax

"The original" - a favorite among discriminating reloaders. Packaged in 1 oz. & 2 oz. tins.

ITEM NO. 07500 (1 oz. tin) ... \$10.85 ITEM NO. 07600 (2 oz. tin) ... \$14.70



## Imperial Application Media

The easy way to apply dry neck lube to case necks. Simply dip the cartridge case neck into the ceramic media. The media consists of high density ceramic spheres that are pre-charged with Imperial Dry Neck Lube. Can be used with all cartridge cases including 17 cal.

ITEM NO. 07900 . . . . . \$14.70



## Competition Bullet Seating Die

## for Handgun & Straight Wall Rifle Cartridges

#### Patented System of Bullet Alignment

This die features a very unique way to bias the bullet into alignment with the cartridge case.

The precision fitting, spring loaded seating stem is allowed to move down into the chamber of the die, aligning the bullet and cartridge case well in advance of bullet seating.

Precise alignment is then maintained as the bullet and cartridge case move upward until seating is accomplished.

This Patented System assures you of the best possible bullet alignment.

#### Micrometer Adjustment

The micrometer is calibrated in .001" increments to simplify setting and recording bullet seating depth. Switching bullets and experimentation has never been easier.

#### **Separate Crimp**

Competition shooters know that superior reloads are produced when bullet crimping is performed as a separate operation. Therefore this no compromise die has no crimping capability. A superior crimp will be accomplished by using our "Profile Crimp" or "Taper Crimp" die.

#### **Progressive Press Compatible**

The industry standard 7/8 -14 threaded die bodies have been slightly extended to allow full thread engagement of the lock ring. An oversize bellmouth chamfer with smooth radius has been added to the bottom of the die to ease case and bullet entry in progressive presses.

See chart for cartridge availability . . . . . . . . . . . . \$144.25

#### The Most Advanced Bullet Alignment Available

U.S. Patent No. 6,244,154

#### **Handgun Cartridges**

Cartridge	Item No.
9MM Luger	55172
38 Super Auto	55271
38 Special/357 Magnum	55282
357 SIG	55434
40 S&W/10MM Auto	55253
41 Magnum	55185
44 Special/44 Magnum	55286
45 ACP & (45 GAP)	55189
45 Colt/454 Casull	55191
460 S&W Magnum	55278
500 S&W Magnum	55291

#### Straight Wall Rifle Cartridges

Cartridge	Item No.
38-40 Winchester	55366
38-55 Winchester	55365
40-65 Winchester	55465
44-40 Winchester	55188
45-70 Government	55209

Micrometer Adjustable Crimping Dies

Top adjusting for progressive presses with tight space constraints

Redding's new Micrometer Adjustable Crimping Dies are *top adjusting* to simplify making precise adjustments because any variation in case length and wall thickness both adversely affect proper adjustment.

Cartridge	Туре	Item No.
223 Remington <i>(Non-Reversible)</i>	Taper Crimp	31111
308 Winchester <i>(Non-Reversible)</i>	Taper Crimp	31155
38 Special / 357 Magnum	Profile Crimp	31282
44 Special / 44 Magnum	Profile Crimp	31286
38 Super / 9mm	Taper Crimp	31271
40 S&W / 10mm Auto	Taper Crimp	31253
45 ACP / 45 GAP	Taper Crimp	31189

Traditional Taper Crimp Die adjustment is both time consuming and imprecise due to the coarse 7/8 - 14 pitch die threads and the need to re-position the lock ring, this is especially important to users of progressive reloading presses with tight space constraints.

The new Micrometer Adjustable Crimping Dies have a knurled micrometer barrel situated on the top of the die for easy access and provides approximately ± .100" of "on-the-fly" adjustment in .001" increments.

Versatility is enhanced on handgun dies by being able to reverse the internal crimping sleeve to accommodate two different cartridges having closely related body diameters. An example is the 38 Super and the 9mm family of cartridges. *Rifle cartridges are non-reversible*.

See chart for cartridge availability . . . . . . . . \$104.70

## Dual Ring Carbide Sizing Die Sets

#### The correct answer for sizing straight wall handgun cartridges.

Dual Ring Carbide Sizing Dies are the correct answer to the compromise that has plagued traditional carbide dies of all manufacturers since their creation.

The traditional sizing ring is required to perform double duty *which it can not do*. It is required to size the case sufficiently to secure the bullet (with even the thinnest brass) which all do with some success. From that point however, all traditional carbide dies resize the remainder of your cases excessively.

The price of this compromise is shortened case life of your overworked brass, unsightly appearance and less than ideal chamber fit which may lead to an adverse effect on accuracy.

The Redding solution is unique, incorporating two carbide rings within one sizing die. The upper ring is positioned to size only the bullet retention portion of the cartridge case while the other is configured to properly size the case body without overworking the brass. Your sized cases will not only look good and function better but brass life will increase.

Since customers have been asking for Dual Ring Dies in complete sets, we are now packaging them in the same three configurations as our traditional die sets, as well as individually.

See chart below for availability.

Dual Ring Carbide Die Set	\$213.85
Dual Ring Pro-Series Die Set	\$234.25
Dual Ring Competition Pro-Series Die Set	\$331.25
Dual Ring Carbide Sizing Die only	\$171.65

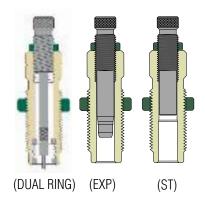
## Tech Talk –The Dual Ring Advantage

The first and most important task of traditional single ring carbide dies (of all Manufacturers) is to resize the cartridge case sufficiently to secure the bullet. Unfortunately the SAAMI specifications that control the cartridge case wall thickness have a -.006" tolerance. This requires the carbide sizing ring diameter to be designed relatively small, small enough to sufficiently resize the thinnest possible brass. This diameter then resizes the remainder of the case excessively.

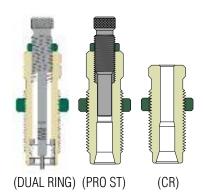
It becomes obvious that the two areas of concern should be resized at different diameters. This compromise has been tolerated for years by handloaders for the sake of convenience, the convenience of not lubricating

Our accuracy tests involving the 44 magnum @ 200 meters for Handgun Silhouette had long ago proven that our properly dimensioned steel sizing dies would always outperform traditional single ring carbide dies in the accuracy department with much better case life.

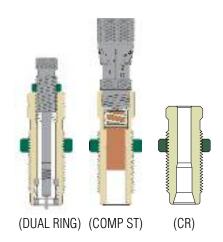
Our new Dual Ring Carbide Dies are able to replicate the advantages of our steel dies without the need for lubrication.



**Dual Ring Carbide Die Set** 



**Dual Ring Pro-Series Die Set** 



**Dual Ring Competition Pro-Series Die Set** 

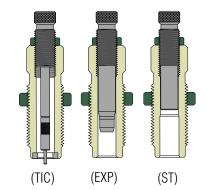
Cartridge	Dual Ring Carbide Sizer Die	Dual Ring Carbide Die Set	Dual Ring Pro-Series Die Set	Dual Ring Competition Pro-Series Die Set
38 Special	95183	01183	02183	06183
357 Magnum	95182	01182	02182	06182
40 Smith & Wesson	95272	01272	02272	06272
44 Special	95187	01187	02187	06187
44 Magnum	95186	01186	02186	06186
45 ACP	95189	01189	02189	06189
45 Colt	95191	01191	02191	06191

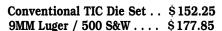
## Titanium Carbide Die Sets

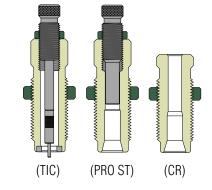
Titanium carbide differs considerably from other carbides, and is the ideal material for resizing cartridge cases. Titanium carbide has the highest hardness of any readily available carbide. The difference is in the microstructure. Viewed under a microscope it appears smooth and rounded, which presents a slippery non-galling surface, ideal for lubeless resizing of cartridges.

Two types of die sets are available. The conventional three (3) die set includes the titanium carbide sizing die, expander die and bullet seating die with built-in crimp.

The "Pro (progressive) Series Die Set" is a special three (3) die set designed for use in progressive machines. An expander die is not included in these sets as the most popular progressive machines expand the case mouth at the powder drop station.







Pro Series Die Set ..... \$172.65 9MM Luger / 500 S&W .... \$198.25

TIC Sizer Die only . . . . \$109.80 — 9MM Luger / 500 S&W . . . . \$134.35

Progressive die sets are supplied with a profile crimp die (or taper crimp die if the cartridge headspaces on the case mouth) because the best possible crimp is attained after the bullet is seated.

All Pro Series Die Sets are designed with a special large radius at the mouth of the seating and crimping dies for easy case entry.

Cartridge	Titanium Carbide Die Set	Titanium Carbide Sizer Die	Pro-Series Die Set	Pro-Series Seat Die	Taper Crimp Die	Profile Crimp Die	Extended Shellholder	Trim Die
32 ACP	88220	87220	89220	94220	85220	N.A.	22E	N.A.
32 Smith & Wesson Long	88158	87162	N.A.	N.A.	85158	86158	10E	83158
32 H & R Magnum	88261	87162	89261	N.A.	N.A.	86261	10E	83161
32 S & W Long/32 H & R Mag	88162	87162	89162	94162	85162	86162	10E	N.A.
380 Auto	88170	87170	89170	94170	85170	N.A.	10E	83170
9MM Luger	88172	87172	89172	94172	85172	N.A.	13E	83172
38 Special	88183	87282	N.A.	N.A.	N.A.	N.A.	12E	83183
357 Magnum	88182	87282	N.A.	N.A.	N.A.	86182	12E	83182
38 Spec/357 Mag	88282	87282	89282	94282	85282	86282	12E	N.A.
38 Super Auto	88271	87271	89271	94271	85271	N.A.	5E	83271
40 Smith & Wesson	88272	87253	89272	94272	85272	N.A.	5E	83272
10MM Auto	88520	87253	89520	94520	85520	N.A.	5E	83520
40 S&W/10MM Auto	88253	87253	89253	94253	85253	N.A.	5E	N.A.
41 Magnum	88185	87185	89185	94185	85185	86185	21E	83185
44 Special	88187	87286	N.A.	N.A.	N.A.	N.A.	19E	83187
44 Magnum	88186	87286	N.A.	N.A.	N.A.	86186	19E	83186
44 Spec/44 Mag	88286	87286	89286	94286	85286	86286	19E	N.A.
45 GAP	88305	87189	89305	94189	85305	N.A.	1E	N.A.
45 ACP	88189	87189	89189	94189	85189	N.A.	1E	83189
45 Auto Rim	88189	87189	89190	94189	85189	86189	17E	83189
45 Colt/454 Casull	88191	87191	89191	94191	85191	86191	23E	83191
460 S&W Magnum	88278	87191	89278	94278	N.A.	86278	23E	N.A.
500 S&W Magnum	88291	87291	89291	94291	N.A.	86291	N.A.	N.A.



## Original G-R – Push-Thru Base Sizing Dies

The G-Rx push thru Base Sizing Die is designed to restore fired cases from 40 S&W autoloading pistols that exhibit a bulge near the base.

By passing the case completely through the new G-Rx Die, the bulge is removed and the case may be returned to service.

The new **G-Rx Carbide** accomplishes the same task without the need for lubrication.

Item No. 96040 Item No. 96010	G-Rx Carbide Sizing Die *	65.55 16.60
1tcm No. 90020	*Includes Shellholder Pushrod	10.00



Optional Bottle adapter fits std. Powder & Shot bottles with 28-410 thread.

## Competition Pro Series Die Sets

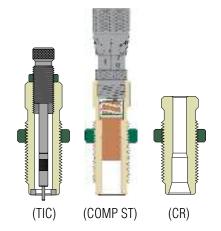
#### With Competition Bullet Seating Die

"Competition Pro (progressive) Series" three (3) die sets are designed for use in progressive reloading machines by reloaders seeking the best possible bullet alignment.

All progressive die sets are supplied with a profile crimp die (or taper crimp die if the cartridge headspaces on the case mouth) because the best possible crimp is attained after the bullet is seated with the included Competition Bullet Seating Die

An expander die is not included in these sets as the most popular progressive machines expand the case mouth at the powder drop station.

All Pro Series Die Sets are designed with a special large radius at the mouth of the seating and crimping dies for easy case entry.



Carbide - Competition Pro Series Die Sets . . . . . \$269.55 9MM Luger and 500 S&W . . . . . . \$295.25

Cartridge	Competition Pro-Series Die Set	Titanium Carbide Sizing Die	Competition Seating Die	Taper Crimp Die	Profile Crimp Die	Trim Die
9MM Luger	58172	87172	55172	85172	N.A	83172
38 Special/357 Magnum	58282	87282	55282	—	86282	N.A.
38 Super Auto	58271	87271	55271	85271	N.A.	83271
40 S&W/10MM Auto	58253	87253	55253	85253	N.A.	N.A.
41 Magnum	58185	87185	55185	—	86185	83185
44 Special/44 Magnum 45 GAP 45 ACP 45 Auto Rim 45 Colt/454 Casull	58286 58305 58189 58190 58191	87286 87189 87189 87189 87191	55286 55189 55189 55189 55191	85305 85189 —	86286 N.A. N.A. 86189 86191	N.A. N.A. 83189 83189 83191
460 S&W Magnum	58278	87191	55278	N.A.	86278	N.A.
500 S&W Magnum	58291	87291	55291	N.A.	86291	N.A.

Non Carbide – Competition Pro Series Die Sets

### With Competition Bullet Seating Die

Since carbide sizing dies are not available for certain cartridges, the Competition Pro Series Die Sets are also available with steel sizing dies.

(See chart below for availability).

Non Carbide – Competition Pro Series Die Sets . . . \$233.25



(FL)

(COMP ST)

(CR)

## Tech Talk – Frequently asked

**Q:** Why are carbide sizing dies not made for certain bottleneck and/or tapered cartridges?

A. While it is possible to produce carbide dies for tapered cartridges, the cost would be nearly prohibitive. Due to the tapered contact surfaces between the die and cartridge case, lubrication is still required. Thus, the advantage of carbide is lost. Any advantage in die life is negated by the increased cost.



Type S —
Bushing
Style
Dies

The amount of resizing provided by conventional reloading dies has always been dictated by the manufacturing tolerances (SAAMI specifications) of the brass cartridge

case itself. Reloading die manufacturers have been forced to design the neck diameter of their dies small enough to accommodate the thinnest possible brass.

This may be as much as .008" - .010" smaller than the maximum cartridge dimensions typically shown in most reloading manuals.

Since the majority of cases that the reloader is likely to encounter in the field are thicker than the minimum specifications that the dies were designed for, case necks are often resized excessively.

It can be easily demonstrated that excessive resizing of the cartridge case quickly leads to stress distortion and concentricity problems.

The new Type S - Bushing Style Dies offer a simple solution to this age old problem.

The Type S - Bushing Style Dies, Competition Seating and Neck Sizing Dies, Body Dies and our New Competition Shellholders are all products of Benchrest and 1000 yard Competition.

## Type S — Neck Bushing Die

The Type S - Bushing Style Neck Sizing Die provides reloaders with a simple means to precisely control case neck size and tension.

- Uses interchangeable sizing bushings available in .001" increments.
- The adjustable decapping rod allows positioning the bushing to resize only a portion of the neck length if desired.
- Concentricity is enhanced by the ability of the resizing bushing to selfcenter on the case neck.
- The decapping rod is supplied with a standard size button. This is especially useful for reloaders who are using commercial brass as is.
- A decapping pin retainer is also supplied with most Type S Bushing Dies except 17 and 20 Cal. This enables neck sizing without the use of the size button for those who sort and/or turn case necks for uniformity.

All dies are supplied without bushings. For ordering numbers see pages 8 & 9

 Category I
 \$ 98.25

 Category II
 119.00

 Category III
 147.25

Carbide size button kits are also available for all Type S Dies. See page 15 for kit numbers by caliber.

## Type S — Full Bushing Die

Full length resizing while maintaining exact control of the case neck is often desirable in one operation. The new Type S - Full Length Resizing/Bushing Die accomplishes this task with the precision you would expect from Redding.

- Uses the same interchangeable bushings (.001" increments) as those used in our bushing style neck sizing dies.
- The adjustable decapping rod allows you to adjust the bushing position, sizing only part of the neck length when desired.
- Concentricity is enhanced by the ability of the bushing to self-center on the neck of the cartridge case.
- All Type S (except 17 and 20 Cal.) dies are supplied with both the standard size button and a decapping pin retainer for the advantages and versatility described under our Type S - Bushing Style Neck Sizing Dies.

**Note:** By removing the bushing and all internal parts, the Type-S full bushing die may also be used as a body die.

All dies are supplied without bushings. For ordering numbers see pages 8 & 9

 Category I
 \$98.25

 Category II
 119.00

 Category III
 147.25

Note: For the ultimate shoulder bump control, use these dies with our new Competition Shellholders. See page 18 for details.

## Competition Bushing Style - **Neck Sizing Die**

Similar in design concept to our Competition Seating Die, the cartridge case is completely supported and aligned with the sizing bushing before the sizing process begins.

As the sizing process starts, the cartridge case remains supported in the tightly chambered, sliding sleeve as it moves upward while the resizing bushing self-centers on the case neck.

The decapping rod is maintained in precise alignment by using the internal parts of the die as a linear support much like that of a firing pin.

Meanwhile, the micrometer adjustment of the bushing position delivers precise control to the desired amount of neck length to be sized.

This die was designed for use by Competition Shooters who have meticulously prepared their cartridge cases and do not wish to use a sizing button, however, carbide size button kits are available separately. Refer to pages 8 & 9 for kit numbers by caliber.

All dies are supplied without bushings. For ordering numbers, see pages 8 & 9

 Category I
 \$189.00

 Category II
 225.40

 Category III
 279.75

## **Neck Sizing Bushings**

Redding Neck Sizing Bushings are available in two styles. Both share the same external dimensions  $(1/2"\ O.D.\ x\ 3/8"\ long)$  and freely interchange in all Redding Bushing Style Sizing Dies.

They are available in .001" size increments throughout the range of .185" thru .368", covering all calibers from .17 to .338 and clearly marked with size I.D.

By selecting the correct bushing, you are now able to provide just the right amount of neck tension to properly hold the bullet without excessive resizing.

**Item No. 73185 thru 73368 (specify size) . . . . . . . . . \$25.25 Heat treated steel.** The sizing diameters are hand-polished with a surface hardness of Rc 60-62 to reduce sizing effort .

**Item No. 76185 thru 76368 (specify size) . . . . . . . . . . \$43.25**Heat treated steel as above with the addition of a *Titanium Nitride* surface treatment to further increase the effective surface hardness and reduce sizing friction.

## **Body Dies**

Redding has been making Body Dies for Benchrest Shooters for years, but they were never a catalogued item.

Now, with the introduction of the Bushing-Style Neck Sizing Dies, they are available as a companion item for most cartridges.

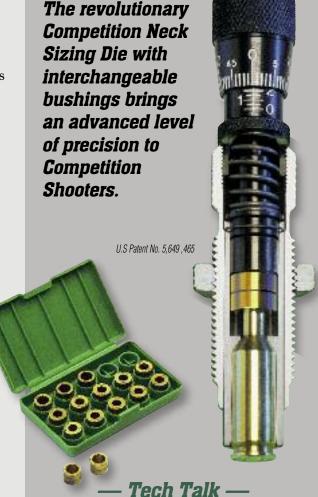
Body Dies are designed to full length resize the case body and bump the shoulder position for proper chambering without disturbing the case neck. They are made without internal parts and intended for use only to resize cases which have become increasingly difficult to chamber after repeated firing and neck sizing.

 Category I
 \$50.25
 For ordering numbers,

 Category II
 61.85
 see pages 8 & 9

 Category III
 75.95

Note: For the ultimate shoulder bump control, use these dies with our new Competition Shellholders. See page 18 for details.



The easiest way to determine the proper diameter bushing, is to measure the neck diameter of several loaded or dummy cartridges with an accurate micrometer. Subtract .001"-.002" from the average neck diameter and this diameter bushing will generally size case necks to create the proper press fit for the

Bushing Selection and Use

Another method is to measure the neck thickness with a ball micrometer or our Case Neck Gauge (see page 33). Double the neck wall thickness and add this number to the bullet diameter. The result is the neck diameter of a loaded cartridge, and bushing size can be determined as above.

After loading several cases, it's a good idea to test the neck's grip on the bullet. The simplest method is to push the bullet in a loaded cartridge against the edge of your reloading bench with moderate hand pressure. The bullet should not move easily in the case neck. If the bullet pushes deeper in the case, select the next smaller bushing and start again.

When using your bushing die, we have found that lubricating case necks and installing the bushing numbers down may improve results. Many experienced reloaders like to adjust the die to size 1/2 to 3/4 of the case neck. This has been shown to improve accuracy in most instances.

Final note: If you are not sorting case neck wall thickness for uniformity, we do not recommend the use of any bushing style die without a sizing button.

Competition
Bullet Seating Die

"No seating die on the market is built to this level of precision."

This patented design quickly established itself as the "state of the art" in straight line bullet seaters and beat the concentricity problems inherent in all other seating dies of this type.

Tighter manufacturing tolerances were made possible due to the details of the floating seating stem system. The bullet guide to seating stem fit is so precise that the seating stem can actually be demonstrated to "float" on a column of air. The seating stem is precision ground to exactly match the bullet diameter.

Alignment and accuracy are enhanced by the cartridge case and bullet being completely supported and aligned in a close fitting, precision ground sleeve before the bullet seating begins.

The micrometer is calibrated in .001" increments for precise seating depth and is infinitely adjustable. The micrometer also has a feature that allows you to re-set it to your favorite seating depth.

No seating die on the market is built to this level of precision.

For ordering numbers see chart below.

Category I	\$189.00
Category II	
Category III	279.75

See website for Accessory VLD style bullet seating stems.

"The Redding Competition Seaters are without question the finest bullet seaters I have ever used! The quality of construction and design is a 'steal'! I am extremely impressed."

- Fred Sinclair, Sinclair International

## **Bushing Style Dies**

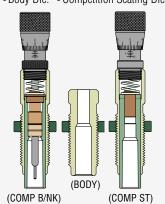
		<b>'</b>								New
Cartridge CATEGORY I	Type S – Bushing Full Die \$98.25	Type S – Bushing Neck Die \$98.25	Type S – Bushing Neck Die Set \$184.25	Type S – Match Bushing Full Die Set \$273.65	Type S – Match Bushing Neck Die Set \$320.25	Body Die \$50.25	Competition Bushing Neck Die \$189.00	Competition Seating Die \$189.00	Competition Bushing Neck Die Set \$406.25	Type S – "Elite Bushing Die Se \$366.25
204 Ruger	77287	71287	78287	36287	38287	75287	56287	55287	58287	60287
222 Remington	77109	71109	78109	36109	38109	75109	56109	55109	58109	60109
223 Remington	77111	71111	78111	36111	38111	75111	56111	55111	58111	60111
22 Nosler	77768	71768	78768	36768	38768	75768	56768	55768	58768	60768
22-250 Remington	77106	71106	78106	36106	38106	75106	56106	55106	58106	60106
220 Swift	77114	71107	78107	36107	38107	75107	56107	55107	58107	60107
224 VALKYRIE		71387	78387	36387	38387	75387	N.A.	55387	N.A.	60387
6MM P.P.C. USA		71319	78319	36319	38319	75319	56319	55319	58319	60319
6MM B.R. Rem (Norma E		71317	78317	36317	38317	75317	56317	55317	58317	60317
243 Winchester		71114	78114	36114	38114	75114	56114	55114	58114	60114
6MM Remington	77115	71115	78115	36115	38115	75115	56115	55115	58115	60115
25-06 Remington	77120	71120	78120	36120	38120	75120	56120	55120	58120	60120
260 Remington	77531	71531	78531	36531	38531	75531	56531	55531	58531	60531
6.5MM Creedmoor	77446	71446	78446	36446	38446	75446	56446	55446	58446	60446
6.5 x 55 Swedish	77132	71132	78132	36132	38132	75132	56132	55132	58132	60132
6.5MM/284 Win (Norma 26 Nosler 270 Winchester 7MM-08 Remington 280 Ackley Improved	77261 77135 77139 77428	71415 71261 71135 71139 71428	78415 78261 78135 78139 78428	36415 36261 36135 36139 36428	38415 38261 38135 38139 38428	75415 75261 75135 75139 75428	56415 56261 56135 56139 56428	55415 55261 55135 55139 55428	58415 58261 58135 58139 58428	60415 60261 60135 60139 60428
7MM Remington Mag	77136	71136	78136	36136	38136	75136	56136	55136	58136	60136
7MM Rem SA UM	77280	71280	78280	36280	38280	75280	56280	55280	58280	60280
28 Nosler	77790	71790	78790	36790	38790	75790	56790	55790	58790	60790
308 Winchester	77155	71155	78155	36155	38155	75155	56155	55155	58155	60155
30-06 Springfield	77148	71148	78148	36148	38148	75148	56148	55148	58148	60148
300 Winchester Mag	77153	71153	78153	36153	38153	75153	56153	55153	58153	60153
30 Nosler	77817	71817	78817	36817	38817	75817	56817	55817	58817	60817
300 Weatherby Mag	77252	71252	78252	36252	38252	75252	56252	55252	58252	60252
300 Rem Ultra Mag	77288	71288	78288	36288	38288	75288	56288	55288	58288	60288
300 WSM	77223	71223	78223	36223	38223	75223	56223	55223	58223	60223
CATEGORY II	<b>\$119.00</b> 77279	<b>\$119.00</b> 71279	<b>\$230.80</b> 78279	\$330.75	<b>\$388.00</b> 38279	<b>\$61.85</b> 75279	<b>\$225.40</b> N.A.	<b>\$225.40</b> 55279	\$486.80 N.A.	<b>\$440.25</b> 60279.
17 Hornet 17 Remington Fireball 17 MACH IV 17 Remington 22 Hornet	77204 77504 77217 77102	71279 71204 71504 71217 71102	78204 78504 78217 78102	36279 36204 36504 36217 36102	38204 38504 38217 38102	75279 75204 75504 75217 75102	N.A. N.A. N.A. N.A.	55279 55204 55504 55217 55102	N.A. N.A. N.A. N.A.	60279. 60204 60504 60217 60102
221 Remington Fireball	77101	71101	78101	36101	38101	75101	56101	55101	58101	60101
223 Remington Imp 40°	77907	71907	78907	36907	38907	75907	56907	55907	58907	60907
22 P.P.C. USA	77318	71318	78318	36318	38318	75318	56318	55318	58318	60318
22 B.R. Remington	77316	71316	78316	36316	38316	75316	56316	55316	58316	60316
22-250 Rem Imp 40°	77406	71406	78406	36406	38406	75406	56406	55406	58406	60406
6 x 47 Lapua	77489	71489	N.A.	36489	38489	75489	N.A.	55489	N.A.	60489
243 Win Imp 40°	77420	71420	78420	36420	38420	75420	56420	55420	58420	60420
6MM Creedmoor	77443	71443	78443	36443	38443	75443	56443	55443	58443	60443
6MM Rem Imp 40°	77421	71421	78421	36421	38421	75421	56421	55421	58421	60421
6MM/284 Winchester	77414	71414	78414	36414	38414	75414	56414	55414	58414	60414

## Bushing Style Die Sets

#### "COMPETITION" **Bushing Neck Die Set**

INCLUDES -

- Competition Bushing Neck Sizing Die
- Body Die. ◆Competition Seating Die



#### TYPE S - MATCH - Bushing Full Die Set

INCLUDES -

- Type S − Bushing Full Sizing Die (B/FL)
- Competition Seating Die (COMP ST)

#### TYPE S - MATCH - Bushing Neck Die Set

INCLUDES -

- Type S − Bushing Neck Sizing Die (B/NK)
- Body Die (BODY)
- Competition Seating Die (COMP ST)

#### TYPE S - Bushing Neck Die Set

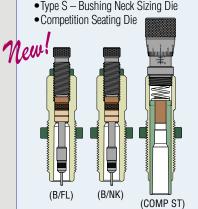
INCLUDES -

- Type S Bushing Neck Sizing Die (B/NK)
- ●Body Die (BODY). ●Series 92000 Seating Die (ST) page 10

#### TYPE S - "ELITE" **Bushing Die Set**

INCLUDES -

- Type S − Bushing Full Sizing Die
- Type S Bushing Neck Sizing Die



new!

Bushing Style Dies Continued

											1000
	Cartridge	Type S – Bushing Full Die	Type S – Bushing Neck Die	Die Set	Type S – Match Bushing Full Die Set	Type S – Match Bushing Neck Die Set	Body Die	Competition Bushing Neck Die	Seating Die	Competition Bushing Neck Die Set	Type S – "Elite" Bushing Die Set
	CATEGORY II-Cont'd.	\$119.00	\$119.00	\$230.80	\$330.75	\$388.00	\$61.85	\$225.40	\$225.40	\$486.80	\$440.25
New!	24 Nosler	77320	71320	78320	36320	38320	75320	56320	55320	58320	60320
	6.5 GRENDEL™	77478	71478	78478	36478	38478	75478	56478	55478	58478	60478
	6.5 x 47 Lapua	77479	71479	78479	36479	38479	75479	56479	55479	58479	60479
	6.5 PRC	77487	71487	78487	36487	38487	75487	N.A.	55487	N.A.	60487
	6.8MM Rem SPC	77259	71259	78259	36259	38259	75259	56259	55259	58259	60259
	270 WSM	77255	71255	78255	36255	38255	75255	56255	55255	58255	60255
	280 Remington	77142	71142	78142	36142	38142	75142	56142	55142	58142	60142
	7MM WSM	77265	71265	78265	36265	38265	75265	56265	55265	58265	60265
	7MM STW	77544	71544	78544	36544	38544	75544	56544	55544	58544	60544
	7MM Rem Ultra Mag	77923	71923	78923	36923	38923	75923	56923	55923	58923	60923
	300 Blackout	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	55327	N.A.	N.A.
	300 Rem SA UM	77275	71275	78275	36275	38275	75275	56275	55275	58275	60275
	33 Nosler	77799	71799	78799	36799	38799	75799	56799	55799	58799	60799
	338 Winchester Mag	77163	71163	78163	36163	38163	75163	56163	55163	58163	60163
	338 Rem Ultra Mag	77874	71874	78874	36874	38874	75874	56874	55874	58874	60874
	CATEGORY III	\$147.25	\$147.25	\$282.90	\$406.25	\$477.65	\$75.95	\$279.75	\$279.75	\$603.35	\$545.50
	20 Vartarg	77636	71636	78636	36636	38636	75636	N.A.	55636	N.A.	60636
	20 P.P.C.	77566	71566	78566	36566	38566	75566	N.A.	55566	N.A.	60566
	20 B.R.	77666	71666	78666	36666	38666	75666	N.A.	55666	N.A.	60666
	20 Tactical	77660	71660	78660	36660	38660	75660	56660	55660	58660	60660
	223 WSSM	77295	71295	78295	36295	38295	75295	56295	55295	58295	60295
	243 WSSM	77270	71270	78270	36270	38270	75270	56270	55270	58270	60270
	6MM XC	77745	71745	78745	36745	38745	75745	N.A.	55745	N.A.	60745
	6MM Dasher	77648	71648	78648	36648	38648	75648	N.A.	55648	N.A.	60648
	250 Savage	77122	71122	78122	36122	38122	75122	56122	55122	58122	60122
	257 Roberts	77125	71125	78125	36125	38125	75125	56125	55125	58125	60125
	257 Roberts Imp 40°	77322	71322	78322	36322	38322	75322	56322	55322	58322	60322
	25 WSSM	77263	71263	78263	36263	38263	75263	56263	55263	58263	60263
	25-06 Rem Imp 40°	77422	71422	78422	36422	38422	75422	56422	55422	58422	60422
	257 Weatherby Mag	77226	71226	78226	36226	38226	75226	56226	55226	58226	60226
	6.5 GAP 4S	77845	N.A.	N.A.	36845	N.A.	75845	N.A.	55845	N.A.	N.A.
	260 Remington Imp 40°	77623	71623	78623	36623	38623	75623	56623	55623	58623	60623
	6.5MM/06 A-Square	77378	71378	78378	36378	38378	75378	N.A.	55378	N.A.	60378
	264 Winchester Mag	77127	71127	78127	36127	38127	75127	56127	55127	58127	60127
	7MM TCU	77242	71242	78242	36242	38242	75242	56242	55242	58242	60242
	7MM B. R. Remington	77241	71241	78241	36241	38241	75241	56241	55241	58241	60241
	7MM X 57 Mauser	77138	71138	78138	36138	38138	75138	N.A.	55138	N.A.	60138
	284 Winchester	77141	71141	78141	36141	38141	75141	56141	55141	58141	60141
	7MM Weatherby Mag	77237	71237	78237	N.A.	N.A.	75237	N.A.	N.A.	N.A.	N.A.
	30 B.R.	77524	71524	78524	36524	38524	75524	N.A.	55524	N.A.	60524
	30-30 Winchester	N.A.	71146	78146	N.A.	N.A.	75146	N.A.	N.A.	N.A.	N.A.
New!	303 British 30/338 Winchester Mag 30-378 Weatherby Mag	77154 77394 77547 77776 77928 77594	71154 71394 71547 71776 71928 71594	78154 78394 78547 78776 78928 78594	N.A. 36394 N.A. 36776 36928 36594	N.A. 38394 N.A. 38776 38928 38594	75154 75394 75547 75776 75928 75594	N.A. 56394 N.A. N.A. N.A. 56594	N.A. 55394 N.A. 55776 55928 55594	N.A. 58394 N.A. N.A. N.A. 58594	N.A. 60394 N.A. 60776 60928 60594

## Rifle & Handgun Die Sets

The quality and accuracy of your reloaded ammunition depends largely on the quality of the equipment you use to assemble it.

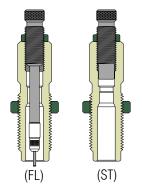


Your choice of reloading dies should not be a casual one. Your dies literally shape the quality and function of your reloads. Because they are so important, we give them a lot of attention.

- We use the finest alloy steels obtainable.
- Our dies are machined on Hardinge Super-Precision® lathes capable of holding the tightest tolerances in the industry.
- We guarantee our dies to produce ammunition that will properly fit any standard (SAAMI) chamber, regardless of action type.
- To maintain tolerances and guarantee that your dies will last a lifetime, they are heat treated in atmospherically controlled furnaces.
- All dies are hand polished for smooth, flawless functioning, inspected, and are ultrasonically cleaned before packaging.
- The die box is a handy cartridge loading block and storage package. Inside is a spare decapping pin, hex wrench, and a place for your shellholder!
- All Redding dies use the industry standard 7/8-14 threaded bodies.

On the following pages you will find many products that are uniquely Redding. Most have evolved by listening to the needs and desires of our customers and helping them solve specific problems.

The design of our Profile Crimp Die is an example that came about from an attempt to help silhouette shooters solve the typical "half moon" crimp so prevalent with magnum handgun cartridges. Our solution to the problem not only solved the ugly, half crimp, but proved to tighten groups as well.

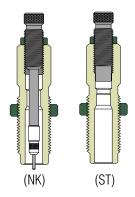


#### Full Length Die Sets For Bottleneck Cases

Full length die sets for bottleneck cases contain two dies. The full length (FL) resizing die contains a decapping rod assembly with a neck expander (size button). The seating die (ST) includes bullet guide, built-in crimp ring and the proper seating plug.

#### Neck Die Sets For Bottleneck Cases

Neck die sets for bottleneck cases contain two dies. The neck (NK) resizing die contains a decapping rod assembly with a neck expander (size button). The seating die (ST) includes bullet guide, built in crimp ring and the proper seating plug.



# (FL) (NK) (ST)

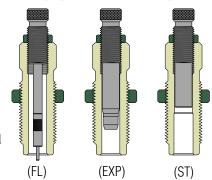
#### Deluxe Die Sets For Bottleneck Cases

Deluxe die sets for bottleneck cases contain three dies. They are a special packaging of our full length die sets (described above) with the addition of a neck (NK) sizing die.

#### Die Sets For Straight Wall Cases

Die sets for straight wall cases contain three dies. This is necessary because it is not possible to full length resize straight wall cases and expand the neck for proper bullet fit in one opera-

tion. The full length (FL) resizing die contains a decapping rod assembly. The expander die (EXP) contains a neck expanding plug. The seating die (ST) includes bullet guide, built-in crimp ring and the proper seating plug.



#### Seating Dies With Taper Crimp

Reloading dies for handgun calibers that headspace on the case mouth are indicated with a ◆. The seating dies in these calibers are made with a taper crimp. All other calibers have the standard roll crimp. Recent tests have shown that seating the bullet to its proper depth and crimping as a separate operation will produce the best accuracy. See page 15 for additional information on crimp dies.

## **SERIES A - Rifle & Handgun Dies**The Reloading die sets listed in this category represent the most popular dies that we produce.

The Reloading die sets listed in this category represent the most popular dies that we produce. Although all Redding Dies are made to the same high quality standards, Series A is the lowest price, due to the efficiency of higher production . . . . . \$82.60





Cartridge	Full Length	Deluxe	Neck Sizing	Neck Die	Full Length	Decap Rod	Decap	Size	Seating	Seat	Form &
	Die Set	Die Set	Die	Sets	Sizing Die	Assembly	Rod	Button	Die	Plug	Trim Die
	\$82.60	\$131.30	\$56.25	\$82.60	\$56.25	\$21.45	\$14.30	\$12.50	\$50.25	\$14.30	\$50.25
204 Ruger	80287	84287	81287	82287	91287	31203	01031	37203	92287	01085	83287
221 Remington Fireball	80101	84101	81101	82101	91101	32223	01032	39223	92101	01085	83101
22 Hornet	80102	84102	81102	82102	91102	32923	01032	39223	92102	01085	83102
22 Nosler	80768	84768	81768	82768	91768	33223	01033	39223	92768	01083	N.A.
222 Remington	80109	84109	81109	82109	91109	32223	01032	39223	92109	01084	83109
22-250 Remington	80106	84106	81106	82106	91106	33223	01033	39223	92106	01083	83106
223 Remington	80111	84111	81111	82111	91111	33223	01033	39223	92111	01083	83111
224 VALKYRIE	80387	84387	81387	82387	91387	32223	01032	39223	92387	01084	N.A.
243 Winchester	80114	84114	81114	82114	91114	33242	01033	39242	92114	01067	83114
6MM Remington	80115	84115	81115	82115	91115	34242	01034	39242	92115	01066	83115
25-06 Remington	80120	84120	81120	82120	91120	34256	01034	39256	92120	01067	83120
257 Roberts	80125	84125	81125	82125	91125	34256	01034	39256	92125	01066	83125
260 Remington	80531	84531	81531	82531	91531	33263	01033	39263	92531	01067	83531
6.5 Creedmoor	80446	84446	81446	82446	91446	33263	01033	39263	92446	01067	N.A.
6.5MM/284 Win (Norma)	80415	84415	81415	82415	91415	34263	01034	39263	92415	01067	83415
6.5 x 55 Swedish	80132	84132	81132	82132	91132	34263	01034	39263	92132	01066	83132
270 Winchester	80135	84135	81135	82135	91135	25276	01025	40276	92135	01066	83135
270 WSM	80255	84255	81255	82255	91255	23276	01023	40276	92255	01067	83255
7MM-08 Remington	80139	84139	81139	82139	91139	23283	01023	40283	92139	01067	83139
7MM Remington Mag	80136	84136	81136	82136	91136	24283	01024	40283	92136	01067	83136
7MM x 57 Mauser	80138	84138	81138	82138	91138	24283	01024	40283	92138	01067	83138
280 Ackley Improved	80428	84428	81428	82428	91428	25283	01025	40283	92428	01066	83428
30-30 Winchester	80146	84146	81146	82146	91146	23307	01023	40307	92146	01080	83146
30-06 Springfield	80148	84148	81148	82148	91148	24307	01024	40307	92148	01080	83148
300 Remington Ultra Mag	80288	84288	81288	82288	91288	25307	01025	40307	92288	01080	83288
300 WSM	80223	84223	81223	82223	91223	23307	01023	40307	92223	01080	83223
300 Winchester Mag	80153	84153	81153	82153	91153	25307	01025	40307	92153	01079	83153
300 Weatherby Mag	80252	84252	81252	82252	91252	25307	01025	40307	92252	01080	83252
308 Winchester/307 Winchester	80155	84155	81155	82155	91155	23307	01023	40307	92155	01080	83155
8MM x 57 Mauser	80159	84159	81159	82159	91159	24322	01024	16322	92159	01080	83159
338 Winchester Mag	80163	84163	81163	82163	91163	24336	01024	16336	92163	01063	83163
375 H & H Magnum	80169	84169	81169	82169	91169	25373	01025	41373	92169	01081	83169

#### SERIES A - Die Sets For Straight Wall Cases

Cartridge	Three Die Set \$82.60	Sizing Die \$45.25	Decap Rod Assembly \$21.45	Seating Die \$41.85	Seat Plug \$14.30	Expander Die \$31.50	Expander \$18.80	Profile Crimp \$44.55	Taper Crimp \$44.55	Trim Die \$50.25
30 M1 Carbine ◆ 32 Smith & Wesson Long 32 H & R Magnum 32 S & W Long/32 H & R Mag 9MM Luger ◆	80180 80158 80161 80162 80172	91180 91158 91161 91162 91172	22097 22097 22097 22097 22097	92180 ◆ 92158 92161 92162 92172 ◆	01069 01073 01069 01073 01072	93180 93158 93161 93162 93172	95307 93310 93310 93310 91354	N.A. 86158 86261 86162 N.A.	85180 85158 N.A. 85162 85172	83180 83158 83161 N.A. 83172
38 Special	80183	91183	22097	92183	01071	93183	94356	N.A.	N.A.	83183
357 Magnum	80182	91182	22097	92182	01071	93182	94356	86182	N.A.	83182
38 Spec/357 Mag	80184	91184	22097	92184	01071	93184	94356	86282	85282	N.A.
40 Smith & Wesson ◆	80272	91272	22097	92272 ◆	01092	93272	92399	N.A.	85272	83272
10MM Auto ◆	80520	91520	22097	92520 ◆	01087	93520	93399	N.A.	85520	83520
40 S & W/10MM Auto ◆	80253	91253	22097	92253 ◆	01092	93253	92399	N.A.	85253	N.A.
44 Special	80187	91187	21097	92187	01074	93187	94428	N.A.	N.A.	83187
44 Magnum	80186	91186	21097	92186	01074	93186	94428	86186	N.A.	83186
44 Spec/44 Mag	80194	91194	21097	92194	01074	93194	94428	86286	85286	N.A.
44-40 Winchester	80188	91188	21097	92188	01074	93188	95426	86188	N.A.	N.A.
45 ACP/45 Auto Rim ◆	80189	91189	21097	92189 <b>◆</b>	01075	93189	93450	86189+	85189	83189
45 Colt/454 Casull	80191	91191	21097	92191	01076	93191	95450	86191	85191	83191

<sup>♦</sup> Denotes taper crimp seating die.



### SERIES B - Rifle & Handgun Dies

Reloading dies in this Series are slightly less popular or are more costly to produce than our Series A die sets . . . . . . \$112.00

#### SERIES B - Die Sets For Bottleneck Cases

	Cartridge	Full Length Die Set	Deluxe Die Set	Neck Sizing Die	Neck Die Sets	Full Length Sizing Die	Decap Rod Assembly	Decap Rod	Size Button	Seating Die	Seat Plug	Form & Trim Die
		\$112.00	\$180.25	\$75.35	\$112.00	\$75.35	\$21.45	\$14.30	\$12.50	\$67.85	\$14.30	\$67.85
•	17 Hornet	80279	84279	81279	82279	91279	26171	01026	37171	92279	01085	83279
	17 Remington Fireball	80204	84204	81204	82204	91204	26171	01026	37171	92204	01085	N.A.
	17 Remington	80217	84217	81217	82217	91217	31171	01031	37171	92217	01085	83217
	218 Bee	80200	84200	81200	82200	91200	32923	01032	39223	92200	01085	83200
	22 K-Hornet	80362	84362	81362	82362	91362	32923	01032	39223	92362	01085	83362
	22 B.R. Remington	80316	84316	81316	82316	91316	32223	01032	39223	92316	01083	83316
	22 P.P.C. USA	80318	84318	81318	82318	91318	32223	01032	39223	92318	01084	83318
	220 Swift	80107	84107	81107	82107	91107	34223	01034	39223	92107	01083	83107
	6MM B.R. Rem (Norma BR)	80317	84317	81317	82317	91317	32242	01032	39242	92317	01067	83317
	6MM P.P.C. USA	80319	84319	81319	82319	91319	32842*	01032	19242*	92319	01067	83319
	6MM Creedmoor	80443	84443	81443	82443	91443	33242	01033	39242	92443	01067	N.A.
	250 Savage (250-3000)	80122	84122	81122	82122	91122	33256	01033	39256	92122	01067	83122
	256 Winchester Mag	80233	84233	81233	82233	91233	32956	01032	39256	92233	01066	83233
	257 Weatherby Mag	80226	84226	81226	82226	91226	35256	01035	39256	92226	01066	83226
	264 Winchester Mag	80127	84127	81127	82127	91127	34263	01034	39263	92127	01062	83127
lew!	26 Nosler	80261	84261	81261	82261	91261	35263	01035	39263	92261	01066	83261
	6.5 PRC	80487	84487	81487	82487	91487	35263	01033	39263	92261	01067	83261
	270 Weatherby Mag	80234	84234	81234	82234	91234	25276	01025	40276	92234	01066	83234
	7MM B.R. Remington	80241	84241	81241	82241	91241	22283	01022	40283	92241	01067	83241
	7MM Rem SA UM	80280	84280	81280	82280	91280	23283	01023	40283	92280	01080	83280
	7MM WSM	80265	84265	81265	82265	91265	23283	01023	40283	92265	01067	83265
	7MM Remington Ultra Mag	80923	84923	81923	82923	91923	25283	01025	40283	92923	01067	83923
	7MM STW (Shooting Times)	80544	84544	81544	82544	91544	25283	01025	40283	92544	01062	83544
	28 Nosler	80790	84790	81790	82790	91790	25283	01025	40283	92790	01067	83790
	280 Remington (7MM Exp. Rem.)	80142	84142	81142	82142	91142	25283	01025	40283	92142	01066	83142
	284 Winchester	80141	84141	81141	82141	91141	24283	01024	40283	92141	01066	83141
	7.62MM x 39	80129	84129	81129	82129	91129	22307	01022	40307	92129	01067	83129
	7.62MM Russian (7.62MM x 54R)	80290	N.A.	N.A.	N.A.	91290	23307	01023	40307	92290	01080	N.A.
	30 Nosler	80817	84817	81817	82817	91817	25307	01025	40307	92817	01080	83817
	300 Blackout	80327	84327	81327	82327	91327	22307	01022	40307	92327	01079	83327
	300 Savage	80151	84151	81151	82151	91151	23307	01023	40307	92151	01079	83151
	300 H & H Magnum	80150	N.A.	N.A.	N.A.	91150	25307	01025	40307	92150	01080	83150
	308 Norma Mag	80258	84258	81258	82258	91258	25307	01025	40307	92258	01079	83258
	303 British	80154	84154	81154	82154	91154	24310	01024	40310	92154	01079	83154
	325 WSM	80202	84202	81202	82202	91202	23822	01023	16322	92202	01080	N.A.
	338 Federal	80264	84264	81264	82264	91264	23837	01023	16336	92264	01080	N.A.
	338 Remington Ultra Mag	80874	84874	81874	82874	91874	25336	01025	16336	92874	01063	83874
	33 Nosler	80799	84799	81799	82799	91799	24336	01024	16336	92799	01063	N.A.
	340 Weatherby Mag	80256	84256	81256	82256	91256	25336	01025	16336	92256	01063	N.A.
	35 Remington	80165	84165	81165	82165	91165	23356	01023	41356	92165	01081	83165
	35 Whelen 350 Remington Mag 358 Winchester/356 Winchester 375 Ruger 416 Ruger 45-70 Govt.	80215 80266 80227 80269 80347	84215 84266 84227 84269 84347	81215 81266 81227 81269 81347 81209	82215 82266 82227 82269 82347 82209	91215 91266 91227 91269 91347	24856* 24356 23856* 25373 25414 — SEE B	01024 01024 01023 01025 01025 ELOW FOR	16356* 41356 16356* 41373 16414 OTHER 45-70	92215 92266 92227 92269 92347 ) DIES —	01081 01082 01081 01082 01081	83215 83266 83227 N.A. N.A.

#### SERIES B - Die Sets For Straight Wall Cases

Cartridge	Three Die Set \$112.00	Sizing Die \$60.80	Decap Rod Assembly \$21.45	Seating Die \$59.25	Seat Plug \$14.30	Expander Die \$41.85	Expander \$18.80	Profile Crimp \$53.95	Taper Crimp \$53.95	Trim Die \$67.85
32 ACP	80220	91220	22097	92220	01070	93220	90310	N.A.	85220	N.A.
32-20 Winchester	80281	91281	22097	92281	01069	93281	95311	86281	N.A.	83281
380 Auto ◆	80170	91170	22097	92170 ◆	01078	93170	91354	N.A.	85170	83170
38 Super Auto ◆	80271	91271	22097	92271 ◆	01072	93271	93354	N.A.	85271	83271
41 Magnum	80185	91185	22097	92185	01077	93185	95409	86185	85185	83185
45-70 U.S. Govt.	80209	91209	27097	92209	01065	93209	99457	86209	N.A.	83209
458 Winchester Mag	80208	91208	28097	92208	01065	93208	99457	86208	N.A.	83208
460 S&W Magnum	80278	91278	27097	92278	01096	93278	95450	86278	N.A.	83278
500 S&W Magnum	80291	91291	21097	92291	01094	93291	96498	86291	N.A.	N.A.

<sup>\*</sup>Denotes tapered size button. ◆ Denotes taper crimp seating die.

## SERIES C - Rifle & Handgun Dies

Series C dies are less popular than the die sets listed in Series A & B. This listing also contains many popular wildcats  $\dots$  \$147.25





	Cartridge	Full Length Die Set \$147.25	Deluxe Die Set \$232.50	Neck Sizing Die \$95.90	Neck Die Sets \$147.25	Full Length Sizing Die \$95.90	Decap Rod Assembly \$21.45	Decap Rod \$14.30	Size Button \$12.50	Seating Die \$84.70	Seat Plug \$14.30	Form & Trim Die \$84.70
	20 Tactical	80660	84660	81660	82660	91660	31203	01031	37203	92660	01085	83660
	219 Zipper	80360	N.A.	N.A.	N.A.	91360	33223	01033	39223	92360	01083	83360
	222 Remington Mag	80203	84203	81203	82203	91203	33223	01033	39223	92203	01083	83203
	223 WSSM	80295	84295	81295	82295	91295	32223	01032	39223	92295	01084	83295
	225 Winchester	80239	84239	81239	82239	91239	33223	01033	39223	92239	01083	83239
New!	22-250 Improved 40°	80406	84406	81406	82406	91406	33223	01033	39223	92406	01083	83406
	' 22 Creedmoor	80302	84302	81302	82302	91302	33223	01033	39223	92302	01084	83302
	6MM/223 Rem (6MM x 45)	80312	84312	81312	82312	91312	33842*	01033	19242*	92312	01066	83312
	6MM/284 Winchester	80414	84414	81414	82414	91414	34242	01034	39242	92414	01066	83414
	24 Nosler	80320	84320	81320	82320	91320	33242	01033	39242	92320	01067	N.A.
	240 Weatherby Mag	80232	84232	81232	82232	91232	34242	01034	39242	92232	01067	83232
	243 Winchester Improved 40°	80420	84420	81420	82420	91420	33242	01033	39242	92420	01067	83420
	243 WSSM	80270	84270	81270	82270	91270	32242	01032	39242	92270	01067	83270
	25-20 Winchester	80218	84218	81218	82218	91218	32956	01032	39256	92218	01066	83218
	25 WSSM	80263	84263	81263	82263	91263	32256	01032	39256	92263	01067	83263
new!	257 Roberts Improved 40°	80322	84322	81322	82322	91322	34256	01034	39256	92322	01066	83322
	6.5 GRENDEL™	80478	84478	81478	82478	91478	32263	01032	39263	92478	01067	N.A.
	6.5 X 47 Lapua	80479	84479	81479	82479	91479	33263	01033	39263	92479	01067	N.A.
	6.5-06 (A-SQUARE)	80378	84378	81378	82378	91378	34263	01034	39263	92378	01067	83378
	6.5 WBY RPM	80794	84794	81794	82794	91794	35794	01035	39263	92794	01066	83794
	6.8MM Remington SPC	80259	84259	81259	82259	91259	22276	01022	40276	92259	01067	83259
	7-30 Waters	80230	84230	81230	82230	91230	23283	01023	40283	92230	01067	83230
	7MM x 64 Brenneke	80340	84340	81340	82340	91340	24283	01024	40283	92340	01062	83340
	7MM Weatherby Mag	80237	84237	81237	82237	91237	25283	01025	40283	92237	01067	83237
	7.5 x 55 Swiss (K-31)	80235	84235	81235	82235	91235	24307	01024	40307	92235	01079	83235
New!	30-06 Improved 40°	80324	84324	81324	82324	91324	24307	01024	40307	92324	01080	83324
	30-40 Krag	80147	84147	81147	82147	91147	24307	01024	40307	92147	01080	83147
	30/338 Winchester Mag	80394	84394	81394	82394	91394	24307	01024	40307	92394	01063	83394
	30-378 Weatherby Mag	80547	84547	81547	82547	91547	25307	01025	40307	92547	01080	83547
	300 PRC	80776	84776	81776	82776	91776	25307	01025	40307	92776	01079	83776
•	303 Savage	80296	N.A.	N.A.	N.A.	91296	23307	01023	40307	92296	01080	N.A.
	32-40 Winchester	80225	N.A.	N.A.	N.A.	91225	23320	01023	41320	92225	01080	N.A.
	32 Remington	80332	N.A.	N.A.	N.A.	91332	23820*	01023	16320*	92332	01080	N.A.
	32 Winchester Spec.	80157	84157	81157	82157	91157	23320	01023	41320	92157	01080	83157
	338-06 (A-SQUARE)	80328	84328	81328	82328	91328	24837	01024	16336	92328	01063	83328
	338 Lapua Mag	80594	84594	81594	82594	91594	25336	01025	16336	92594	01063	83594
	348 Winchester	80336	N.A.	N.A.	N.A.	91336	24347	01024	41347	92336	01081	83336
	35 Winchester	80335	N.A.	N.A.	N.A.	91335	24356	01024	41356	92335	01081	N.A.
	358 Norma Mag	80210	N.A.	N.A.	N.A.	91210	24356	01024	41356	92210	01081	83210
	9MM x 57 Mauser	80357	N.A.	N.A.	N.A.	91357	24356	01024	41356	92357	01081	83357
	9.3MM x 62 Mauser	80345	84345	81345	82345	91345	24364	01024	16364	92345	01064	83345
	416 Remington Magnum	80442	84442	81442	82442	91442	25414	01025	16414	92442	01064	83442
	458 SOCOM	80444	N.A.	N.A.	N.A.	91444	21456	01021	16456	92444	01096	N.A.

#### SERIES C - Die Sets For Straight Wall Cases

Cartridge	Three Die Set \$147.25	Sizing Die \$73.85	Decap Rod Assembly \$21.45	Seating Die \$71.75	Seat Plug \$14.30	Expander Die \$51.45	Expander \$18.80	Profile Crimp \$67.85	Taper Crimp \$67.85	Trim Die \$84.70
30 Mauser (7.62 x 25 Tokarev)	80251	91251	22097	92251	01069	93251	93307	N.A.	N.A.	83251
357 SIG ◆	80434	91434	22097	92434 ◆	01072	93434	91354	N.A.	85434	83434
38-55 Winchester & Ballard	80365	91365	23097	92365	01081	93365	99374	86365	N.A.	83365
38-40 Winchester	80366	91366	22097	92366	01071	93366	95399	86366	N.A.	83366
375 Winchester	80206	91206	23097	92206	01081	93206	99374	N.A.	N.A.	N.A.
40-65 Winchester	80465	91465	23097	92465	01081	93465	94407	86465	N.A.	83465
41 Long Colt	80370	91370	22097	92370	01077	93370	94385	N.A.	N.A.	N.A.
444 Marlin	80207	91207	28097	92207	01068	93207	97428	N.A.	N.A.	83207
450 Marlin	80350	91350	27097	92350	01065	93350	99457	N.A.	N.A.	N.A.

<sup>\*</sup>Denotes tapered size button. • Denotes taper crimp seating die.



### SERIES D - Rifle & Handgun Dies

Series D die sets represent obsolete cartridges, wildcats, etc., essentially custom stock. We attempt to maintain inventory in limited quantities. Consult us for your specific needs  $\dots$  \$164.75

#### SERIES D – Die Sets For Bottleneck Cases

Cartridge	Full Length	Deluxe	Neck Sizing	Neck Die	Full Length	Decap Rod	Decap	Size	Seating	Seat	Form &
	Die Set	Die Set	Die	Sets	Sizing Die	Assembly	Rod	Button	Die	Plug	Trim Die
	\$164.75	\$260.40	\$108.40	\$164.75	\$108.40	\$21.45	\$14.30	\$12.50	\$93.55	\$14.30	\$93.55
17 MACH IV	80504	84504	81504	82504	91504	26171	01026	37171	92504	01085	83504
219 Donaldson Wasp	80403	84403	81403	82403	91403	33223	01033	39223	92403	01083	83403
219 Don. Wasp Short (original)	80402	84402	81402	82402	91402	33223	01033	39223	92402	01083	83402
22 Savage H.P. (5.6MM x 52R)	80338	N.A.	N.A.	N.A.	91338	33227	01033	42227	92338	01084	83338
223 Remington Improved 40°	80907	84907	81907	82907	91907	33223	01033	39223	92907	01083	N.A.
224 Weatherby Mag	80212	84212	81212	82212	91212	33223	01033	39223	92212	01084	83212
5.7 x 28	80477	84477	81477	82477	91477	37923	01037	39223	92477	01085	N.A.
6MM Remington Improved 40°	80421	84421	81421	82421	91421	34242	01034	39242	92421	01066	83421
6MM XC	80745	84745	81745	82745	91745	33842*	01033	19242*	92745	01067	N.A.
6MM Dasher	80648	84648	81648	82648	91648	32242	01032	39242	92648	01067	N.A.
25-35 Winchester	80221	84221	81221	82221	91221	33256	01033	39256	92221	01067	83221
25 Remington	80325	N.A.	N.A.	N.A.	91325	33256	01033	39256	92325	01067	83325
250 Savage Improved 40°	80416	84416	81416	82416	91416	33256	01033	39256	92416	01067	83416
25/284 Winchester	80417	84417	81417	82417	91417	34256	01034	39256	92417	01067	83417
25-06 Remington Improved 40°	80422	84422	81422	82422	91422	34256	01034	39256	92422	01067	N.A.
260 Remington Improved 40°	80623	84623	81623	82623	91623	33263	01033	39263	92623	01067	N.A.
6.5 GAP 4S	80845	84845	81845	82845	91845	33263	01033	39263	92845	01067	N.A.
6.5MM x 50 Japanese	80224	84224	81224	82224	91224	33263	01033	39263	92224	01067	83224
6.5MM x 54 Mannlicher	80277	84277	81277	82277	91277	33263	01033	39263	92277	01062	83277
6.5MM x 57 Mauser	80228	84228	81228	82228	91228	34263	01034	39263	92228	01067	83228
6.5MM Remington Mag	80231	84231	81231	82231	91231	34263	01034	39263	92231	01067	83231
6.5 - 300 Weatherby Mag	80379	84379	81379	82379	91379	35263	01035	39263	92379	01067	83379
7MM TCU	80242	84242	81242	82242	91242	23883*	01023	16283*	92242	01067	83242
7MM-08 Rem. Improved 40°	80430	84430	81430	82430	91430	23283	01023	40283	92430	01067	83430
7MM x 57 Improved 40°	80427	84427	81427	82427	91427	24283	01024	40283	92427	01067	83427
7MM/300 Weatherby Mag	80384	84384	81384	82384	91384	25283	01025	40283	92384	01067	83384
300/221 Remington	80432	84432	81432	82432	91432	22807*	01022	16307*	92432	01079	83432
30 Remington	80392	N.A.	N.A.	N.A.	91392	23307	01023	40307	92392	01080	N.A.
300 Rem SA UM	80275	84275	81275	82275	91275	23307	01023	40307	92275	01080	83275
300 Norma Mag	80928	84928	81928	82928	91928	24307	01024	40307	92928	01063	N.A.
7.65MM x 53 Mauser (Belgian) 7.7MM x 58 Japanese 33 Winchester 338-06 Improved 40° 338-378 Weatherby Mag	80243	84243	81243	82243	91243	23310	01023	40310	92243	01063	83243
	80244	84244	81244	82244	91244	24310	01024	40310	92244	01080	83244
	80205	N.A.	N.A.	N.A.	91205	23336	01023	16336	92205	01080	83205
	80437	84437	81437	82437	91437	24837*	01024	16336*	92437	01063	83437
	80527	84527	81527	82527	91527	25336	01025	16336	92527	01063	83527
35 Whelen Improved 40°	80438	84438	81438	82438	91438	24856*	01024	16356*	92438	01081	83438
9.3MM x 74R	80346	N.A.	N.A.	N.A.	91346	25364	01025	16364	92346	01064	N.A.
375/444 Marlin	80475	84475	81475	82475	91475	24373	01024	41373	92475	01081	N.A.
375 Weatherby Mag	80468	N.A.	N.A.	N.A.	91468	25373	01025	41373	92468	01081	N.A.
375 Remington Ultra Mag	80925	84925	81925	82925	91925	25373	01025	41373	92925	01081	83925
378 Weatherby Mag	80469	84469	81469	82469	91469	25373	01025	41373	92469	01081	N.A.
416 Weatherby Mag	80492	N.A.	N.A.	N.A.	91492	25414	01025	16414	92492	01064	N.A.
460 Weatherby Mag	80480	84480	81480	82480	91480	30456	01030	16456	92480	01065	N.A.
470 Nitro Express	80481	N.A.	N.A.	N.A.	91481	29472	01029	41472	92481	01100	N.A.

#### SERIES D - Die Sets For Straight Wall Cases

Cartridge	Three Die Set \$164.75	Sizing Die \$82.45	Decap Rod Assembly \$21.45	Seating Die \$80.35	Seat Plug \$14.30	Expander Die \$58.45	Expander \$18.80	Profile Crimp \$75.35	Taper Crimp \$75.35	Trim Die \$93.55
30 Luger New! 350 LEGEND 351 Winchester S.L. 38-56 Winchester 40 SUPER ◆ 40-82 Winchester	80250 80791 80462 80463 80677 80482	91250 91791 91462 91463 91677 91482	22097 23097 22097 23373 22097 24404	92250 92791 92462 92463 92677 ◆ 92482	01073 01081 01079 01081 01092 01081	93250 93791 93462 93463 93677 93482	92307 93354 96350 99374 93399 96405	N.A. N.A. N.A. N.A. N.A. N.A.	N.A. N.A. N.A. N.A. 85677 N.A.	83250 N.A. N.A. 83463 N.A. 83482
401 Winchester S.L. 405 Winchester 450 Bushmaster 45-60 Winchester 45-90 Winchester 458 Lott	80471 80473 80781 80570 80476 80460	91471 91473 91781 91570 91476 91460	22097 25097 23097 27097 28097 30097	92471 92473 92781 ◆ 92570 92476 92460	01081 01081 01072 01091 01065 01065	93471 93473 93781 93570 93476 93460	96405 97409 96457 99457 99457 99457	N.A. N.A. N.A. 86570 N.A. N.A.	N.A. N.A. N.A. N.A. N.A.	83471 N.A. N.A. 83570 83476 83460

<sup>\*</sup>Denotes tapered size button. • Denotes taper crimp seating die.

### "E-Z Feed" Shellholders



New tapered design allows easy case entry. Machined to very close tolerances to fit your cases perfectly and eliminate potential problems. The universal design fits all popular presses. Only Redding shellholders are heat treated and have outside knurling to make them easy to handle and change. See Reference Charts on pages 24, 25 & 26 for proper size. **ITEM NO. 110XX** (specify shellholder #) \$15.60



### "E-Z Feed" Shellholder Sets

This set consists of six of the most popular shell-holders in a handy storage box. Contains Shellholders #1, #6, #10, #12, #18 & #19.

See Reference Charts on pages 24, 25 & 26 for shellholder usage.

Carbide Size Button Kits

Make inside
neck sizing
smoother and easier
without lubrication. Now
you can upgrade your die sets
with a carbide size button kit.
Available for bottleneck cartridges 20

thru 338 cal. The carbide size button is free floating on the decap rod allowing it to self-center in the case neck. **Kits contain: carbide size button, retainer and spare decapping pin.** 

	o fit all Type-S dies	
Kit No. 47203		20 cal.
Kit No. 48223		22 cal.
Kit No. 48242		6MM
Kit No. 48256		25 cal.
Kit No. 48263		6.5MM
Kit No. 49276		270 cal.
Kit No. 49283		7MM
Kit No. 49307		30 cal.
Kit No. 49337		338 cal.

See website for Competition Neck Sizing Die Carbide Kit item numbers.

**Taper Crimp Dies** 

Designed for handgun cartridges which headspace on the case mouth where conventional roll crimping is undesirable. Also available for some

revolver cartridges for those who prefer the uniformity of a taper crimp.

See pages 11 thru 14 & 17 for availability.

Series A **\$44.55** Series B **\$53.95** Series C **67.85** Series D **75.35** 

## **Profile Crimp Dies**

These handgun cartridge crimp dies were designed for those who want the best possible crimp.

Profile crimp dies provide a tighter, more uniform roll type crimp, and requires the bullet to be seated to the correct depth in a previous operation. These dies are not for cartridges that headspace on the case mouth.

See pages 11 thru 14 for availability.

Series A **\$44.55** Series B **\$53.95** Series C **67.85** Series D **75.35** 

#### Extended Shellholders

Extended shellholders are required when trimming short cases under 1.50" O.A.L. They are machined to the same tolerances as our standard shellholders except they're longer.

See Reference Charts on pages 26 & 27. NO. 115XX (specify shellholder #) . . . **\$24.75** 



These Special Dies are designed for the 45-70 FTX and 41 Special due to their shorter case length.

ITEM NO. 86776 (41 Spl) . . . . . \$75.35 ITEM NO. 86262 (45-70 FTX) . . \$53.95 Tapered Size Buttons

These long tapered expanders (size buttons) are made for expanding the necks of bottleneck cartridges up to the desired size.

Tapered size button only \$ 21.35 Decapping rod assembly with tapered size button, specify cartridge \$ 30.40

22 cal(.17 to 22 cal.)	NO.	19223
6mm(.17 to 6 mm)	NO.	19242
25 cal(.22 to 25 cal.)	NO.	19256
6.5mm(.22 to 6.5mm)	NO.	19263
270 cal(.22 to .270)	NO.	16276
7mm(.22 to 7mm)	NO.	16283
30 cal(6mm to 30 cal.)	.NO.	16307
35 cal(7mm to 35 cal.)	NO.	16356
375 cal(30 cal. to .375 cal.)	NO.	16373



Redding trim dies allow you to file trim your cases without unnecessary resizing. Other manufacturers use sizing die dimensions, forcing you to full length resize when trimming. For case forming and necking brass down from another caliber, Redding trim dies can be the perfect intermediate step before full length resizing. Pistol trim dies require extended shell-holders. Refer to die charts for available calibers and the extended shellholders required. Also see our case forming section on page 27.

Series A **\$ 50.25** Series B **\$ 67.85** Series C **84.70** Series D **93.55** 

## *Universal* **Decapping Dies**

Decapping dies allow you to deprime and clean your cases prior to sizing.

The small decapping die will handle 22 thru 50 caliber cases with lengths up to 2.625". An optional decapping rod for this die is designed to work with all 17 caliber cases and will accommodate the small .060" flash holes found on the BR and PPC cases. For longer case lengths up to 3.0" use the large decapping die.

Note: the large die will not accommodate a neck diameter of

ITEM 69100 Small decapping die ... \$30.40 ITEM 69200 Large decapping die ... 30.40 ITEM 69250 Optional 17 caliber rod .. 15.60 Complete kit containing all of the above items

**ITEM 69500** . . . . . . . . \$**71.85** 15

less than 25 caliber.

## Premium Die Sets

### For Rifle Cartridges

## Featuring a Carbide Size Button in the full sizing die and Bullet Seating Micrometer on the seating die.

Following the introduction of Bullet Seating Micrometers for our standard dies, we created the "Premium Die Set" featuring a **Carbide Size Button** in the full length sizing die and **Bullet Seating Micrometer** on the seating die.

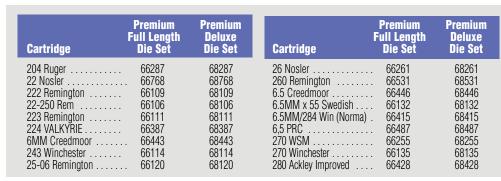
Two types of "Premium" Die Sets are available.

**"Premium" Full Length** is a two (2) die set; contains a carbide Size Button in the full length sizing die and Bullet Seating Micrometer on the seating die.

See Chart for availability . . . . \$158.40

**"Premium" Deluxe** is a three (3) die set; contains the "Premium" two (2) die set (described above) with the addition of a standard neck sizing die.

See Chart for availability . . . . \$204.45



Cartridge	Premium Full Length Die Set	Premium Deluxe Die Set
7MM-08 Remington 7MM Remington Mag 30-06 Springfield 300 WSM 300 Winchester Mag 300 Rem Ultra Mag 308 Winchester	. 66136	68139 68136 68148 68223 68153 68288 68155 68163

## New! Premium Die Sets For Handgun Cartridges

#### Designed for Utility, Precision, and High Production

The Premium Die Set for Handgun Cartridges consists of a three (3) die set which contains the following; our **Titanium Carbide Sizing Die**, a unique **Special Expander Die** and a **Premium Seating Die** with our (**Std) Bullet Seating Micrometer**.

All dies have a large entry taper/radius for easy case entry and high production. The unique design of the special expander performs four distinct functions. The smooth *entry radius* is followed by the correct *expanding diameter* for proper press fit of the bullets. The upper section of the expanding diameter has a *concentric ring* which opens the case mouth slightly larger than bullet diameter to enhance bullet alignment. The *final taper* can provide a "bellmouth" on the case mouth when desired, usually when using lead bullets.

**Titanium Carbide Sizing Dies** are shown and described on page 4. **Bullet Seating Micrometers** are listed on page 19.

See chart for availability . . . . \$214.50 - 9MM Luger . . . . \$239.55 Special Expander Die (see chart for part numbers) . . . . \$59.90



The unique Expander has an industrial hard surface coating and performs four distinct functions.



Cartridge	Premium	Carbide	Special
	Die Set	Sizer Die	Expander Die
32 S&W Long/32 H&R Mag	66162	87162	96162
380 Auto	66170	87170	96170
9MM Luger	66172	87172	96172
38 Spec/357 Mag	66184	87282	96184
40 S & W/10MM Auto	66253	87253	96253
44 Spec/44 Mag	66194	87286	96194
45 ACP	66189	87189	96189
45 Colt	66191	87191	96191

## Master Hunter (MH-C) Die Sets

## New! Now supplied with a carbide size button and also available as "Deluxe" sets with neck sizing die!

Master Hunter Die Sets were inspired by the success of our National Match Dies.

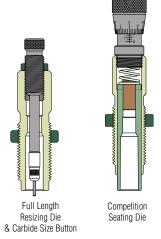
Experienced hunters know that full length resizing is important when a high stress follow-up shot is needed in the "real world" of hunting. The Master Hunter "Deluxe" Die Sets now add the option of neck sizing for optimal on-the-range load development.

**Master Hunter "Deluxe" three (3) Die Set** – combines the two Die Set described above with the addition of a Standard Neck Sizing Die.

See chart for available cartridges . . . . . . . . . . . . . . . . . . \$305.60

	Cartridge	FL Die Set Item No.	Deluxe Die Set	Cartridge	FL Die Set Item No.	Deluxe Die Set
	22 Nosler 223 Remington	28768 28111	29768 29111	7MM-08 Remington 280 Remington	28139 28142	29139 29142
New!	224 VALKYŘIE	28387 28106	29387 29106	280 Ackley Improved 7MM Remington Mag	28428 28136	29428 29136
	22-250 Remington 6MM Creedmoor	28443	29443	28 Nosler	28790	29790
	243 Winchester 25-06 Remington	28114 28120	29114 29120	30 Nosler 308 Winchester	28817 28155	29817 29155
	260 Remington 26 Nosler	28531 28261	29531 29261	30-06 Springfield 300 Winchester Mag	28148 28153	29148 29153
	6.5 Creedmoor 6.5 x 55 Swedish	28446 28132	29446 29132	300 Weatherby Mag 300 Rem Ultra Mag	28252 28288	29252 29288
	6.5MM / 284 Win (Norma)	28415	29415	300 WSM	28223	29223
New!	6.5 PRC 270 Winchester	28487 28135	29487 29135	33 Nosler 338 Winchester Mag	28799 28163	29799 29163

I never cease to be impressed by the quality, precision and appearance of Redding dies and their other products. Layne Simpson



#### Master Hunter Die Sets CONTAIN –

- Full Sizing Die with Carbide Size Button
- Competition Seating Die
- Mew! "Deluxe" Includes Neck Sizing Die



## National Match (NM-C) Die Sets

### New! Now supplied with a carbide size button!

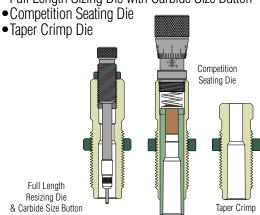
The National Match die set is a staple of the precision oriented AR platform shooter. Featuring a Carbide Size Button in the Full Length Sizing Die, the highly respected Competition Bullet Seating Die and a Taper Crimp Die.

Category I . . . . . \$295.55 Category II . . . . . \$328.70

Cartridge	Die Set Item No.	Taper Crimp Die	Cartridge	Die Set Item No.	Taper Crimp Die
Category I 204 Ruger 22 Nosler 223 Remington 224 VALKYRIE 243 Winchester 260 Remington 6.5 Creedmoor 7MM-08 Remington	39287 39768 39111 39387 39114 39531 39446 39139	85287 85768 85111 85387 85114 85531 85446 85139	Category I (continued) 308 Winchester 30-06 Springfield Category II 24 Nosler 6.5 GRENDEL ™ 6.8MM Remington SPC 300 Blackout	39155 39148 39320 39478 39259 39327	85155 85148 85320 85478 85259 85327

## National Match Die Sets

• Full Length Sizing Die with Carbide Size Button



Note: For the ultimate shoulder bump control, use these dies with our new Competition Shellholders. See page 18 for details.



#### — Tech Talk — Create The Perfect Shoulder Bump With A Simple Shellholder Change!

To maximize case life and the accuracy potential of your reloads, it is desirable to size fired cases the minimum amount that allows loaded cartridges to chamber freely.

Most hunters and many other shooters seeking smooth chambering reloads, full length size their cases each time. Since the interior dimensions of sizing dies are determined by the manufacturer, adjusting the **shoulder setback** is the only control a reloader has over how much a fired case is sized.

In the past, sizing die adjustment was made through the trial and error method of adjusting the die body in the reloading press. While acceptable results can be obtained using this method, precise adjustments were difficult at best. Using this method, firm contact with the shellholder (squaring the die) was not always possible. As a result, irregularities in brass hardness and thickness, as well as the uniformity of case lube affected shoulder setback. The resulting headspace variations created can adversely affect accuracy.

To provide desirable shellholder-to-die contact during sizing, without excessively setting the case shoulder back, Redding now produces shellholders that are made in increments of .002" deeper than the industry standard. The nominal industry standard depth (dimension X) for shellholders is .125". The new Competition Shellholder Set includes five shellholders that are deeper than this in increments of .002". Therefore the set includes shellholder. in increments of .002". Therefore, the set includes shellholders that are marked +.002, +.004, +.006, +.008 and +.010, which is the amount the shellholder will increase base to shoulder case length and thus <u>decrease</u> shoulder set back and case to chamber headspace.

To select the proper shellholder for your particular firearm's chamber, simply start with the shellholder marked +.010. The shellholder should be adjusted to make firm contact with the bottom of the sizing die during the case sizing operation. Resize a case and try it (unprimed and empty) in the chamber of your firearm. If the empty case does not chamber or chambers with difficulty, switch to the shellholder marked +.008 and repeat the process. Stop at the shellholder that allows the firearm's action to close freely. Your cases are now being sized properly to fit your chamber with a minimum amount of headspace.

## Establish the perfect shoulder bump with no die adjustment!

## Competition Shellholder Sets

You control the headspace. The easy to use Redding Competition Shellholders enable you to perfectly match the headspace of your reloaded ammo to any firearm. Once the proper shellholder is determined your results are repeatable and no die adjustment is necessary. Each shellholder has a distinct black oxide finish and is clearly marked to indicate the amount it will change case-to-chamber headspace - no special tools or gages are needed.

Packaged in five piece sets in .002" increments.

**ITEM NO. 116XX** (5 pc. set includes storage box) .... **\$90.25** Shellholder storage box also available separately. Competition Shellholder Sets now available in the following sizes: #1, 2, 4, New #5, 6, 7, 10, 12, 18 & 35

For order No., replace XX with shellholder number from charts on pages 24, 25 & 26.

## Special Small Base Body, Full Length & Type S - Full Length

Available in the following calibers for firearms with custom chamberings that are tighter than SAAMI specifications.

Note: For the ultimate shoulder bump control, use these dies with our new Competition Shellholders. See above for details.

#### Small Base Body & Full Length Dies

Cartridge Group 1	Small Base Body Die \$61.85	Small Base Full Length \$75.95
223 Remington260 Remington308 Winchester30-06 Springfield	74531 74155	91323 N.A. 91355 N.A.
Group 2	\$75.95	\$95.90
22 P.P.C	N.A.	91301
6MM P.P.C	74319	91211
6MM B.R. Remington	74317	91201
6MM/284 Winchester	74414	N.A.
6.5MM/284 Winchester (Norma)	74415	N.A.
284 Winchester	74141	N.A.
Small Base Type S - Full Length	ı Dies	
223 Remington	77323	\$119.00
308 Winchester		\$119.00
6MM B.R. Remington	77201	\$119.00
6MM P.P.C		\$119.00

## **Bullet Seating Micrometers**



Now available for handgun and straight wall cartridges.

Redding **Bullet Seating Micrometers** are for use with most standard Redding Seating Dies and provide a direct replacement for the original seat plug.

Redding *Bullet Seating Micrometers* for bottleneck cartridges are available for traditional bullet shapes (STD) and for VLD bullet shapes (VLD). They are also available for handgun and straight wall cartridges with traditional bullet shapes (STD) and flat nose bullet designs (FLAT).

Not for use with our Competition Seating Dies.

See chart for ordering numbers . . . . \$59.45

\*Note: Your original (Plug No.) is marked on top.

Original Seat Plug Item No. – (Plug No.)	Mica (Std)	rometer Item (VLD)	
01063 - (#3)*	09063	09163	N.A.
01065 – (#5)*	09065	N.A.	09465
01066 – (#6)*	09066	09166	N.A.
01067 – (#7)*	09067	09167	N.A.
01069 – (#9)*	09069	N.A.	
01071 – (#11)*	09071		
01072 – (#12)*	09072		
01073 – (#13)*	09073		
01074 – (#14)*	09074		
01075 – (#15)*	09075		
01076 – (#16) *	09076		
01077 – (#17) *	09077	N.A.	09477
01078 – (#18) *	New! 09078	N.A.	N.A.
01079 – (#19) *		09179	
01080 - (#20) *	09080		
01081 – (#21) *	09081	N.A.	
01083 - (#23) *	09083		
01084 – (#24)*	09084		
01085 - (#25)*	09085		
01092 – (#32)*	09092		
01096 – (#36)*	09096	N.A.	N.A.

Designed for those seeking the utmost from their handloads.

## **Instant Indicator** — Headspace and Bullet Seating Depth Comparator

This instrument provides an extremely fast and accurate method for comparing the shoulder position of fired and/or sized cases and bullet seating depth uniformity. The addition of the "Range Adapter" makes this instrument more versatile and may now be used at the range or in the field without requiring the use of a reloading press.

#### Quickly perform any of the following tasks.

- Check uniformity of shoulder bump
- Check bullet seating depth uniformity
- Compare sized cases to fired cases to determine the amount of headspace
- Sort cases fired in two or more rifles
- · Sort sized cases for uniformity
- Set up sizing die correctly
- Check trim length uniformity
- Sort bullets for uniformity

#### Now Supplied with the new "Range Adapter" for added versatility!

All Instant Indicators also include one bore diameter bushing, surface contactor, shoulder contactor, headspace gauge and complete instructions.

"Instant Indicator"	w/Dial Indicator	ITEM NO. 27XXX	\$217.55
	w/o Dial Indicator	ITEM NO. 17XXX	168.25
	1" Dial Indicator	ITEM NO. 17999	55.00
	Range Adapter	ITEM NO. 17014	15.60



Cartridge availability and ordering numbers Note: The "Instant Indicator" may be used on a family of cartridges with the same shoulder angle.

Cartridge	Item No.	w/o Indicator	Cartridge	Item No.	w/o Indicator	Cartridge	Item No.	w/o Indicator
204 Ruger 222 Rem 223 Rem 223 WSSM 22-250 Rem	27109 27111 27295 27106	1/109 17111 17295 17106	6MM Creedmoor 257 Roberts 257 Rob Imp 40° 25-06 Remington 260 Remington	27125 27322 27120	17443 17125 17322 17120 17531	7MM x 57 7MM Rem Mag 308 Winchester 30-06 Springfield 300 Rem SA UM	27136	17138 17136 17155 17148 17275
220 Swift	27387	17107 17387 17114 17420 17270 17319 17317	6.5 Creedmoor 6.5 x 47 Lapua 6.5MM x 55 6.5MM/284 NORMA (Win) 270 Win 280 Ackley Improved 7MM-08 Rem	27428	17446 17479 17132 17415 17135 17428 17139	300 WSM 300 Win Mag 300 Wby Mag 300 Rem Ultra Mag 338 Win Mag 338 Lapua Mag	27223 27153 27252 27288 27163 27594	17223 17153 17252 17288 17163 17594



## *COMPETITION SERIES*

For years reloading equipment manufacturers have produced broad range powder me We have produced two very successful broad range powder measures; The extremely which is our most popular because of its refinements and the proven reliability of the

Several years ago we began production of our first true "Competition" powder measur Its phenomenal precision and repeatability prompted engineering to create three other within their unique range.

## Competition PR-50 Newest

The Precision Rifleman's Powder Measure

The PR-50 powder measure represents our latest in the series of limited range "Competition" powder measures optimized with the precision rifleman in mind. The engineering target range was approx. 50-60 grains with the ideal use range extending from approx. 35 to 75 grains.

This powder measure uses all of the engineering features and knowledge gained from our other Competition powder measures.

Item No. 03900 Competition Model PR-50 Powder Measure . . . . . . . . \$343.00

All Competition Powder Measures use a special rotating operating handle which is slightly heavier to help you maintain a more uniform stroke.

Competition LR-1000

#### Long Range Powder Measure

The popularity of large capacity cartridges like the 338 Lapua Mag. and others have pushed standard powder measures beyond their limits. Redding responded by using over 40 years of benchrest experience to develop a dedicated measure for the long range precision shooter.

- Dedicated large capacity approx. 25-140 grains.
- "See thru" drop tube accepts .30 to .45 cal.
- Accepts .22 thru .30 cal with **included** #03814 adapter.
- Extra capacity powder reservoir with adjustable baffle.
- Special operating handle.

ITEM NO. 03800 LR-1000 Powder Measure . . . \$343.00

ITEM NO. 03814 Drop Tube Adapter . . . \$14.70 .22 thru .30 caliber for LR-1000 Powder Measure. Simple slip-fit over existing drop tube.

**ITEM NO. 03815** Drop Tube Adapter . . . \$14.70 .50 caliber for LR-1000 Powder Measure. Simple slip-fit over existing drop tube.

I have used the LR-1000 Powder Measure almost since it's release and have found it quite simply to be the finest measure I have ever used. I was surprised to find that it is not only at home with the huge charges that go in my big British nitro double rifles; but also absolutely accurate in the mid ranges with "30-06 size" charges. It's accuracy, fit and finish and ease of use are perfect.

Ross Seyfried

### All "Competition" Measures share



#### ADJUSTABLE POWDER **BAFFLE**

Creates exceptional charge to charge uniformity. Maintains a constant amount of powder above the metering chamber regardless of the level of powder in the reservoir.



#### ANTI-BACKLASH **MICROMETER**

A special micrometer used in all Competition Powder Measures eliminates backlash in the screw threads. Your settings will be fast, accurate and exactly repeatable.

## S POWDER MEASURES"

asures with the approach that one unit could do all things reasonably well. well built "Classic" Model #3, time proven to last for decades, and our #3BR model 3 chassis.

e, the BR-30, optimized specifically for benchrest cartridges. ers for specific shooting disciplines, each scaled to provide the utmost precision

## Competition BR-30

#### Designed specifically for Benchrest Competition

The Competition BR-30 powder measure was our first truly "Competition" model optimized for Benchrest cartridges at approx. 30 grains (hence the name BR-30).

The engineering task required the creation of an entirely new drum and metering unit. This spawned the development of our unique hemispherical metering chamber resembling the bottom of a test tube. Now used on all "Competition" powder measures this design was responsible for the extraordinary accuracy and repeatability of the BR-30.

ITEM NO. 03300 Competition Model BR-30 Powder Measure . . . . \$343.00

If you are a serious competitive shooter or varmint hunter and your loading requirements are generally between 10 and 50 grains . . . this is certainly the measure to choose.





#### the following engineering features . . .

## MICROMETER LOCK SCREW When the micrometer adjustment screw (opposite side) is loosened to change settings, the micrometer cannot move because it is held in place by the lock screw. Nothing is left to chance.



#### HEMISPHERICAL METERING CHAMBER

A special metering chamber used in all Competition Powder Measures resembles the bottom of a "test tube" and is responsible for extraordinary accuracy and repeatability.



## Competition 10X

## Optimized for Handgun and Small Capacity Rifle Cartridges.

This powder measure uses all of the special features of the Competition Model BR-30 combined with an entirely new drum and metering unit designed to provide the most uniform metering of small charge weights.

To achieve the best metering possible at the targeted charge weight of approximately 10 grains, the diameter of the metering cavity was reduced and the metering plunger was given the unique hemispherical cup shape of our successful Model BR-30. The result is a very specialized small capacity powder measure with a charge weight range of approximately 1 to 25 grains.

ITEM NO. 03400 Competition Model 10X Powder Measure .... \$343.00







**ITEM NO. 03331 Handgun Metering Chamber** (Fits only 3BR Measures) Charging range approx. 0 to 10 grains . . . . . **\$ 83.30** 



**ITEM NO. 03330 Universal Metering Chamber** (Fits only 3BR Measures) Charging range approx. 5 to 100 grains . . . . . **\$ 83.30** 

ITEM NO. 03018
Powder Measure
Mounting Bracket
(shelf bracket fits
all Redding powder
measures) . . . \$ 26.85



## Cast Iron frame — no aluminum parts to wear out in Redding Powder Measures!

## Match-Grade Model 3BR Powder Measure

The Match-Grade Model 3BR is based on the time proven accuracy and reliability of the "Classic" Model 3 Powder Measure and utilizes many of the features now used on our Competition Measures.

The 3BR became our most popular powder measure for two very good reasons . . . Its broad range of charging capacity and its performance record.

ITEM NO. 03700 Match-Grade Powder Measure 3BRK Includes both metering chambers . . . . . \$357.30



**ITEM NO. 03817 Drop Tube Adapter** Fits all Redding Powder Measures and Funnels with a Simple slip-fit. For .17 & .20 caliber . . . . **\$14.70** 

#### ITEM NO. 03818 Drop Tube Extension

## "Competition" Features used on the Match-Grade Model 3BR.



#### ADJUSTABLE POWDER BAFFLE

Creates exceptional charge to charge uniformity. Maintains a constant amount of powder above the metering chamber regardless of the level of powder in the reservoir.

#### MICROMETER LOCK SCREW

When the micrometer adjustment screw (opposite side) is loosened to change settings, the micrometer cannot move because it is held in place by the lock screw. Nothing is left to chance.





#### ANTI-BACKLASH MICROMETER

A special micrometer used in all Competition Powder Measures eliminates backlash in the screw threads. Your settings will be fast, accurate and exactly repeatable.

#### **Features:**

- Cast mounting bracket included with all Redding Powder Measures.
- Clear powder reservoir.
- Clear "See thru" drop tube accepts all calibers from .22 thru .45 cal.
- Body has standard 7/8"-14 thread to fit mounting bracket and optional bench stand with locking ring for fast dumping.



#### Time proven accuracy and reliability

## The "Classic" Model 3 Powder Measure

The **Original Classic Model 3**, time proven for accuracy and reliability. It has a micrometer metering chamber right in front for easy setting and reading. The micrometer makes it possible to record your favorite settings and return to the same place weeks later. Precision machined cast iron frame proven to last for decades.

All Redding Powder Measures feature hand honed frames and hard chromium drums for long life. An extremely sharp cutting surface easily cuts and meters even the most difficult powders.

**ITEM NO. 03000 Powder Measure** with Universal Metering Chamber, Charging range approx. 5 to 100 grains . . . . **\$229.80** 

ITEM NO. 03200 Powder Measure Model 3K,

Includes both Metering Chambers . . . . . . . . \$278.40

ITEM NO. 03313 Handgun Metering Chamber (Fits only Model 3 Measures)

Charging range approx. 0 to 10 grains . . . \$62.85

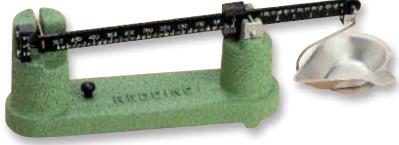
IMPORTANT
Redding Powder
Measures Are
Not Intended
For Use With
Black Powder!

Model No. 2 Powder & Bullet Scale

The Redding Model No. 2 Powder & Bullet Scale has been designed and manufactured with the utmost attention to accuracy and sensitivity standards.

The Model 2 scale includes a magnetically dampened beam swing for extra fast readings. Hardened and ground knife edges ride in precision milled stainless steel bearing seats that will not crack, chip or lose their alignment.

Its pour spout pan and flat pan platform provide the convenience of an electronic scale with the accuracy and sensitivity of a laboratory beam scale.



ITEM NO. 02000 Master Powder and Bullet Scale . . . . \$153.95

All Redding scales are individually hand calibrated, tested and adjusted to U.S. Bureau of Standards Approved Master Weights, and guaranteed accurate to less than 1/10 grain!

#### **Features and Advantages:**

- Lifetime Guarantee.
- Magnetically dampened beam.
- 505 grain capacity
- 1/10 grain accuracy.
- Convenient pour spout pan.
- Simple two counterpoise system.
- 1/10 grain over/under graduations.
- No batteries or electronics to fail.

The graduated plate at the beam pointer is marked in 1/10 grain increments for easy reading of slightly over or under charges — **you** 



**know the exact weight at a glance!** All other reloading scales on the market today have only a zero reference.

## Model No. 5 Powder Trickler

Add powder to the scale pan a granule or two at a time. Bring underweight charges up to accurate readings fast. Solid, stable, low center of gravity, a full pound of solid steel – it won't squirm all over your bench, ideal height for most powder scales

NO. 05000 . . . . \$40.25

#### We invite you to test the Redding Model 2 Scale!

Put it side by side with any competition regardless of price. Using tweezers, drop one or two granules of powder into the pan and watch the scale beam pointer react, then do the same with our competition. Next, zero the scale properly and move the small 1/10 grain counterpoise 3/10 grain. Watch the scale beam pointer move to an indication of -3/10 grain. Try this with any of our competition.

## Die Caliber Reference Chart

Cartridge	Series	Shellholder	Caliber	Pilot No.	Cartridge	Series	Shellholder	Caliber	Pilot No.
17 Remington 17 Hornet 17 Ackley Hornet 17 Bumble Bee 17 Ackley Bee 17 Mach IV 17 Javelina 17 He Bee 17 P.P.C. 17/221 Remington 17 Remington Fireball 17 Tactical 17/222 Remington 17/223 Remington 17/223 Remington 17/223 Remington 17/223 Remington 17/223 Remington	B B Custom	#10 #14 #14 #3 #10 #10 #10 #10 #10 #11	17 Cal.	15168	6MM Creedmoor 6MM B.R. Remington 6MM Dasher 6MM P.P.C. USA 6MM International (Walker) 6MM Cheetah Mark I (40°) 6MM/224 Weatherby 6MM/222 Remington 6MM/223 Remington 6MM/225 Winchester 6MM/22-250 Remington 6MM/22-250 Improved 28° or 40° 6MM/284 Winchester 6MM/30-30 Winchester 6MM/30-30 Win Improved 40° 6MM/30-30 Win Improved 40° 6MM/300 WSM 6MM x 44 BR	B B D D B Custom	# 1 1 # 1 1 4 1 1 1 4 4 1 1 1 4 4 4 4 1 1 1 4	6MM	15239
20 Ackley Hornet 20 Vartarg 20 Tactical 20 Nosler 204 Ruger 20 P.P.C. 20 B.R.	Custom Custom C Custom A Custom Custom Custom	#14 #10 #10 #10 #12 #1	20 Cal.	15200               	6MM x 47 Swiss Match 6MM x 47 Lapua 6MM x 47 (6MM-222 Rem Mag) 6MM x 62 Freres 6MM/06 6MM/06 Improved 40°	Custom Oustom Custom Custom Custom Custom	# 1 # 1 #10 # 7 # 1	6MM	15239
22 TCM 218 Bee 218 Mashburn Bee 219 Zipper 219 Zipper 219 Donaldson Wasp 219 Donaldson Wasp Short (Original) 22 Cheetah Mark I (40°) 22 Cheetah Mark II (28°) 22 Hornet 22 K-Hornet 22 Lovell 2R (22-3000 G&H) 22 Benington 22 Remington Jet 22 Dasher 22 Nosler 22 Nosler 22 Nosler 22 Nosler 22 Swage H.P. (5.6MM x 52R) 22 Creedmoor 220 Swift 220 Swift Imp 40° or 32° 220 Russian (5.6MM x 39) 220 Weatherby Rocket 220 Wilson Arrow 22-250 Remington 22-250 Improved 40° 22-250 Improved 40° 22-243 Winchester 22/243 Improved 40° 22/243 Improved 40° 22/243 Improved 40° 22/243 Improved 40°	Custom B Custom C Custom D D Custom Custom A B Custom	######################################	22 Cal.	15220	25 Remington 25 Bullberry 25 TCU 25 B.R. 26 Souper (25/308 Win) 25 WSSM 25 Gibbs 25-06 Remington 25-06 Remington Improved 40° 25-20 Winchester 25-20 Single Shot 25-35 Winchester 25-35 Winchester 25-36 Marlin 25/221 Remington 25/222 Remington 25/222 Remington 25/222 Remington 25/223 Remington (25-45 Sharps) 25/223 Remington (25-45 Sharps) 25/2243 Improved 40° 25/284 Winchester 25/300 WSM 25/300 Rem SA UM*	Custom Cu	######################################	25 Cal.	15253
22/6MM Improved 40° 22/243 Middlested 30° 22/284 Winchester 22/30-30 Winchester 221 Remington Fireball 222 Remington Mag 223 Remington Improved 40° 223 WSSM 6MM SM Wasp 224 VALKYRIE 224 Weatherby Mag 225 Winchester 5.6 x 50 R Mag 5.6 x 57 RWS 5.7 x 28 5.7MM Johnson (22 Spitfire) 24 Nosler 240 Weatherby Mag 240 Gibbs 240 Page Super Pooper 243 Winchester 244 Weatherby Mag 240 Gibbs 240 Gibbs 240 Gibbs 240 Gibbs 241 Gibbs 243 Winchester 243 Winchester 243 Winchester 243 Winchester 244 Weatherby Mag 240 Gibbs 240 Gibbs 240 Gibbs 240 Gibbs 241 Gibbs 243 Winchester 244 Gibbs 245 Gibbs 246 Gibbs 247 Gibbs 247 Gibbs 248 Gibbs 249 Gibbs 240 Gibbs 240 Gibbs 241 Gibbs 243 Winchester 243 Winchester 243 Winchester 243 Winchester 243 Winchester 244 Gibbs 245 Gibbs 246 Gibbs 247 Gibbs 247 Gibbs 248 Gibbs 248 Gibbs 249 Gibbs 240 G	Custom Custom Custom Custom A A C C A D C Custom A D C Custom	######################################	22 Cal. 6MM	15220 15239	257 Durham Jet  256 (6.5MM) Newton 260 Bobcat 260 Remington 260 Remington 260 Remington Improved 40° 264 Jarrett 264 Winchester Mag 26 Nosler 6.5 GAP 4S 6.5 PRC 6.5 Gendel™ 6.5 Bullberry 6.5 Creedmoor 6.5MM Gibbs 6.5MM B.R. 6.5MM 72U 6.5MM 72U 6.5MM/20 Horoved 40° 6.5MM 72U 6.5MM 72U 6.5MM/06 Improved 35° or 40° 6.5MM × 39 (M.O.A.) 6.5MM × 39 (M.O.A.) 6.5MM × 55 Swedish 6.5 X 55 Swedish 6.5 X 55 Swedish Improved 40° 6.5MM × 55 SkaN 6.5MM × 57 Mauser 6.5MM × 68 6.5MM × 68 6.5MM × 68 6.5MM × 68 6.5MM/234 WSSM 6.5MM/234 SSSM 6.5MM/230 Savage 6.5MM/250 Savage 6.5MM/250 Savage	Custom Custom Custom A A D Custom B B C Custom A Custom	# #####################################	25 Cal. 6.5MM	15253 15260

## Die Caliber Reference Chart

Cartridge	Series	Shellholder	Caliber	Pilot No.	Cartridge
6.5MM Redding (6.5/243 Imp. 30°) 6.5MM/257 Roberts 6.5MM/257 Roberts Imp. 40° 6.5MM/284 Win (Norma) 6.5MM/300 WSM 6.5MM/300 Rem SA UM* 6.5 WBY RPM 6.5MM/300 Weatherby Mag 6.5MM/300 Rem Ultra Mag 6.5MM/308 Improved 30° or 40°	Custom Custom A Custom Custom Custom Custom Custom Custom Custom Custom	# 1 1 # # 1 1 # # 6 6 # # 6 6 # # 1	6.5MM 6.5MM	15260                 	30/284 Winchester 30/338 Winchester Mag 30 Nosler 30/8MM Rem Mag (30 Super) 30/350 Remington Mag 30-378 Weatherby Mag 300/221 Remington 300 Blackout 300 H & H Magnum 300 H & & H Improved 40°
6.8MM Remington SPC 270 Redding (270/243 Imp. 30°) 270 Winchester 270 Winchester Improved 40° 270 Weatherby Mag 270 Gibbs 270 Jarrett 270 IHMSA 270/257 Roberts Improved 40° 270/284 Winchester 270 WSM 270/300 Weatherby 270/308 Winchester 270/308 Improved 40°	C Custom A Custom B Custom	######################################	270 Cal.	15273	300 Savage 300 Dakota * 300 Winchester Mag 300 Winchester Imp. 40° 300 Weatherby Mag 300 Mashburn Mag 300 PRC 300 Herrett 300 Jarrett 300 Pagasus * 300 Baer * 300 Rem SA UM 300 Lapua Mag 300 Remington Ultra Mag 300 RCM 300 WSM
270/338 Winchester 280 Remington 280 Ackley Improved 280/30 British 284 Winchester 28 Nosler 284 Baer 7MM Remington Mag 7MM US 7MM B.R. Remington	Custom  B A Custom B B Custom A Custom A Custom B B D	# 6 # 1 1 # 1 1 # 1 6 # 4 6 # 4 2 # 1 1	270 Cal. 7MM	15273 15280	300 Norma Mag 303 Savage 308 Marlin Express 308 Winchester/307 Winchester 308 Winchester Imp. 40° 308 Norma Mag 308 x 1.5 Barnes 308 x 1.75 30/338 Lapua Mag * 30/416 Rigby Improved 40° *
7MM TCU 7MM ULA 7MM INT-R 7MM INT-X 7MM Super Mag 7MM E.T. Gates 7MM Dakota *	Custom Custom Custom Custom Custom Custom	# 6 # 2 # 1 #12 # 2 #404			7.65MM x 53 Mauser (Belgian) 7.7MM x 58 Japanese 303 British 32 Winchester Spec. 32 Remington 32-40 Winchester
7MM HMSA 7MM/300WSM 7MM Rem SA UM 7MM WSM 7MM Weatherby Mag 7MM Glibbs 7MM Remington Ultra Mag 7MM STW (Shooting Times) 7MM-08 Remington 7MM-08 Remington Imp. 40° 7-30 Waters 7-30 Waters 7-30 Improved 40° 7MM x 47 (7MM-222 Rem Mag) 7MM x 57 Mauser 7MM x 57 Improved 40° 7MM x 57 Improved 40° 7MM x 61 Sharpe & Hart 7MM x 64 Brenneke 7MM x 66 Vom Hofe S.E. 7MM Blaser Mag	Custom Custom B B B C Custom B A Custom C C Custom	## # 6 6 ## 6 6 ## 1 1 4 ## 1 1 (Rimme ## 1 1 4 ## 1 1 4 ## 1 1 (Rimme ## 6 6 ## 1 6 6 ## 1 6 6 ## 1 6 6 6 6 6	ed #23)		325 WSM 7.92MM x 33 Kurz Mauser 8MM Gibbs 8MM Remington Mag 8MM Lebel 8MM/06 8MM/06 Improved 40° 8MM/338 Winchester 8MM/330 Winchester Mag 8MM/300 Winchester Mag 8MM/300 WSM 8MM x 52 R Siamese 8MM x 56 Mannlicher 8MM x 57 Improved 40° 8MM x 57 Improved 40° 8MM x 60S 8MM x 64S Brenneke 8MM x 64S Brenneke 8MM x 64S Brenneke 8MM x 64S
7MM/233 Remington 7MM/250 Savage 7MM/300 Weatherby Mag 7MM/300 Winchester 7MM/300 Remington Ultra Mag 7MM/350 Remington Mag	Custom Custom D Custom Custom Custom Custom	#10 #11 #6 #6 #6	7MM	15280	33 Nosler 330 Dakota * 338 Winchester Mag 338 IHMSA 338 Gibbs 338 Baer
7.35MM Carcano 7.5 French MAS (7.5 x 54) 7.5 x 55 Swiss (K-31) 7.62MM x 39 7.62MM Russian (7.62MM x 54R) 30 B.R. 30 IHMSA 30 Herrett 30 Remington 30 Remington AR 30 Gibbs 30 Hart Mag 30 x 44 B.R. 30-06 Springfield 30-06 Improved 40° 30-30 Winchester (30 WCF) 30-30 Improved 40°	Custom Custom C B B Custom A Custom	#24 # #22 # #15 # # 1 1 2 5 3 3 4 # 4 6 1 1 1 1 2 2	7.35MM 30 Cal.	15295 15304	338 Jarrett 338-06 (A-Square) 338/06 Improved 40° 338-270 HGT 338/284 Winchester 338/308 Winchester 338 Federal 338 Marlin Express 338 Norma Mag 338 RCM 338/300 WSM 338/8MM Remington Mag 338/300 Ultra Mag 338/300 Ultra Mag 338/350 Remington Mag 338/378 Weatherby Mag 340 Weatherby Mag 340 Weatherby Mag
30-40 Krag 30/223 Remington	Custom	# 8 #10	1 30 Cal.	I 15304	338 Lapua Mag Imp 40° (Call to verify version 338 Remington Ultra Mag

Cartridge	Series	Shellholder	Caliber	Pilot No.
30/284 Winchester	Custom	# 1	30 Cal.	
30/338 Winchester Mag 30 Nosler	C B	# 6 # 6		Ï
30/8MM Rem Mag (30 Super)	Custom Custom	# 6		
30/350 Remington Mag 30-378 Weatherby Mag 300/221 Remington	C	#18 #10		
300 Blackout	B B	#10 # 6		
300 H & H Improved 40° 300 Savage	Custom B	# 6 # 1		
300 Dakota *	Custom	#404 # 6		
300 Winchester Imp. 40° 300 Weatherby Mag	Custom	# 6 # 6		
300 Mashburn Mag 300 PRC	Custom	# 6		
300 Herrett 300 Jarrett	Custom Custom	# 1		
300 Pegasus *	Custom	#35		
300 Baer * 300 Rem SA UM	Custom	# 6		
300 Lapua Mag 300 Remington Ultra Mag	Custom	# 6		
300 RCM 300 WSM	Custom	# 6		
300 Norma Mag 303 Savage_	A D C	#35 # <u>2</u> 1		
303 Savage 308 Marlin Express 308 Winchester/307 Winchester 308 Winchester Imp. 40° 308 Norma Mag	Custom A	#2 #1 & #2		
308 Winchester Imp. 40° 308 Norma Mag	Custom B	# 1 # 6		
308 x 1.5 Barnes 308 x 1.75	Custom Custom Custom Custom	# 1 # 1		
30/338 Lapua Mag * 30/416 Rigby Improved 40° *	Custom Custom	#35 #35	30 Cal	15304
7.65MM x 53 Mauser (Belgian) 7.7MM x 58 Japanese	D D	# 1 # 1	31 Cal.	15307 
303 British	В	# 8	31 Cal.	15307
32 Winchester Spec. 32 Remington	C C	# 2 # 5 # 2	8MM I	15319 
32-40 Winchester 325 WSM	В	# 6		
8MM Gibbs	Custom Custom	# 1 # 1		
8MM Remington Mag 8MM Lebel	Custom Custom	# 6 #26		
8MM/06 8MM/06 Improved 40°	Custom Custom			
8MM/338 Winchester 8MM/300 Winchester Mag	Custom Custom			
8MM/300 WSM 8MM x 52 R Siamese	Custom Custom	# 6 #18		
8MM x 56 Mannlicher 8MM x 57 Mauser	Custom	# 6 # 1		
8MM x 57 Improved 40° 8MM x 60S	Custom	# 1 # 1		
8MM x 64S Brenneke	Custom	# 4		
8MM x 68S 8.15 x 46R	Custom Custom	#19 # 2	8MM	15319
33 Winchester 33 Nosler	D B	#18 # 6	338 Cal.	15334
330 Dakota * 338 Winchester Mag	Custom A	#404 # 6		
338 IHMSA 338 Gibbs	Custom Custom	# 1 # 1		
338 Baer	Custom	# 6 # 6		
338 Jarrett 338-06 (A-Square) 338/06 Improved 40° 338-270 HGT	C	# 1 # 1		
338-270 HGT 338/284 Winchester	Custom Custom	# 1 # 1		
338/308 Winchester 338 Federal	Custom	# 1 # 1 # 1		
338 Marlin Express	Custom	# 36		
338 Norma Mag 338 RCM	Custom	# 35 # 6 # 6		
338/300 WSM 338/8MM Remington Mag	Custom	# 6 # 6		
338/300 Winchester Mag 338/300 Ultra Mag	Custom Custom	# 6 # 6		
338/350 Remington Mag 338/378 Weatherby Mag	Custom D	# 6 #18		
340 Weatherby Mag 338 Lanua Mag	B C	# 6 #35		
338 Lapua Mag Imp 40° (Call to verify version) 338 Remington Ultra Mag	Custom B	#35 # 6	1 338 Cal.	15334 o
				2

## Die Caliber Reference Chart

Cartridge	Series	Shellholder	Caliber	Pilot No.
348 Winchester	С	#20	348 Cal.	15344
35 Remington 35 Whelen 35 Whelen 35 Whelen Improved 40° 35 IHMSA 35 Brown Whelen 35/284 Winchester 35/30-30 Winchester 35/300 Weatherby 358/25 WSSM 35/300 WSM 350 Remington Mag 357 Herrett 388 Dakota * 358 Winchester/356 Winchester 358 Winchester/JS6 Winchester 358 Winchester/Imp. 40° 358 Norma Mag 358 STA (Shooting Times) 9MM x 56 Mannlicher 9MM x 57 Mauser	B C B D C Ustom Custom Custom Custom Custom Custom Custom Custom Custom Custom B Custom C Custom C C C C C C C C C C C C C C C C C C C	######################################	35 Cal.	15354
9.3MM x 57 Mauser	Custom	# 1	9.3MM	15362
9.3MM x 62 Mauser 9.3MM x 64 Brenneke 9.3MM x 74R 370 SAKO Mag	Custom D Custom	# 1 #33 # 6 # 1	9.3MM	15362
9.5MM Mannlicher 375 Dakota * 375 Whelen 375 Whelen Improved 40° 375 H & H Magnum 375 H & H Magnum Imp. 40° 375 Mashburn Mag 375 Weatherby Mag 375/284 Winchester 375/300 Winchester Mag 375/300 WSM 375 Ruger 375 Remington Ultra Mag 375/338 Winchester 375/338 Winchester 375/338 Remington Mag 375/338 Remington Mag 375/350 Remington Mag 375/350 Remington Mag	Custom Custom Custom A Custom D	#441 #441 #44##########################	375 Cal.	15371
378 Weatherby Mag	Ď	#18	375 Cal.	15371
416 Remington Mag 416 Ruger 416 Weatherby Mag 416/300 Rem Ultra Mag* 416/300 WSM 416 Hoffman 416 Taylor 416 Jarrett 416 Rigby * 416 Dakota * 416 Express 404 Jeffery *	C B D Custom	# # 18 # # 18 # # 18 # # 18 # # 18 # # 18 # # 18 #	416 Cal.	15412 15412 N.A.
425 Express *	Custom	# 6	N.A.	N.A.
458 SOCOM 458 African * 450 Ackley Magnum 450 Rigby * 450 Dakota * 460 Weatherby Mag	C Custom Custom Custom Custom D	# 1 #6 #6 #35 #18 #18	458 Cal.	15454             
470 Nitro Express	D	#31	475 Cal.	15471
THREE DIE SETS				
25 ACP (25 Auto) 25 Hornet	Custom Custom	#27 #14	N.A. 25 Cal.	N.A. 15253
30 M1 Carbine 7.65MM French MAS Auto 30 Luger 30 Mauser (7.62 X 25)	A Custom D C	#22 #14 #13 #13	30 Cal.   30 Cal.	15304           
32 Short Colt	Custom	#10	N.A.	N.A.
32 Long Colt	Custom	#10	N.A.	N.A.
32 ACP 32 Smith & Wesson (Short) 32 Smith & Wesson Long 32 H & R Magnum 32 S & W Long/32 H & R Mag 32-20 Winchester	B Custom A A A B	#22 #10 #10 #10 #10 #3	31 Cal.	15307

Cartridge	Series	Shellholder	Caliber	Pilot No.
8MM Lebel Revolver 8MM Nambu	Custom Custom	# 3 # 5	N.A. N.A.	15319 15319
38 Super Auto 380 Auto 9MM Steyr 9MM Luger 9MM x 18 Ultra	B B Custom A Custom	# 5 #10 #13 #13 #10	9MM           	15351               
9MM Makarov	Custom	#13	9.3MM	15362
351 Winchester S.L.	D	# 5	N.A.	N.A.
350 LEGEND 357 SIG 357 Auto Mag 357/44 Bain & Davis 38 Smith & Wesson 38/45 ACP 38 Special 357 Magnum 38 Spec./357 Magnum	D C Custom Custom Custom Custom A A A	#10 #15 #19 #12 #12 #12 #12	35 Cal.	15354
357 Maximum 375 Winchester	Custom C	#12 # 2	35 Cal. 375 Cal.	15354 15371
375 Willchester 375 Super Mag 38-55 Winchester & Ballard 38-56 Winchester 38-72 Winchester	Custom C D Custom	# 2 # 2 # 2 #18 # 8	375 Cal.	15371
41 Long Colt	С	# 12 or # 1	N.A.	N.A.
40 Smith & Wesson 10MM Auto 400 COR-BON 40 Super 40 S & W/10MM Auto 10MM Centaur	A A Custom D A Custom	# 5 # 5 # 1 # 5 # 1	10MM	15396
38-40 Winchester	С	# 9	10MM	15396
40-70 Sharps (Straight) * 40-65 Winchester 40-82 Winchester 401 Winchester S.L. 40-50 Sharps Straight * 40-50 Sharps Bottleneck * 40-70 Gov't (Sharps BN2.1") * 40-70 Sharps Bottleneck *	Custom C D D Custom Custom Custom Custom Custom Custom	# 8 #18 #18 # 1 # 18 #18 #18	40 Cal.	15400
40-90 Sharps Bottleneck *  405 Winchester 41 Magnum 41 Action Express	D B Custom	#18 # 8 #21 #13 #21	40 Cal. 41 Cal. 41 Cal.	15400 15406 15406
414 Super Mag  44 Russian 44 Special 44 Magnum 44 Spec./44 Mag 445 Super Mag 44-40 Winchester	Custom A A Custom A A Custom A	#19 #19 #19 #19 #19 #9	44 Cal.	15426
444 Marlin	С	#19	44 Cal.	15426
11MM Mauser (11.15 x 60R)	Custom	#16	N.A.	N.A.
45 GAP 45 ACP & AR 45 Winchester Mag 45 S&W Schofield 45 Colt/454 Casull 450 Bushmaster 450 Marlin 455 Webley	A Custom Custom A D C	#1 #1 & #17 #7 #23 #23 #1 #6	45 Cal.	15447
460 S&W Magnum	В	#23	45 Cal.	15447
45-60 Winchester 45-70 U.S. Govt. 45-90 Winchester (Sharps) 458 x 2" American 458 Winchester Mag 458 Lott 45-100 Sharps (Straight) * 45-110 Sharps (Straight) * 45-120 Sharps (Straight) *	D B D Custom B D Custom Custom Custom Custom	#18 or #26 #18 #18 #6 #6 #6 #18 #18	458 Cal.	15454             
470 Capstick *	Custom	#10	475 Cal.	15454
480 Ruger/475 Linebaugh 500 S&W Magnum * Special Price Group	Custom	#18 #15	475 Cal. 475 Cal. 50 Cal.	15471 15471 15496

<sup>\*</sup> Special Price Group
• Available in Bushing Dies only

### "Custom Series" Dies

Our Series "C" and "D" listings contain many obsolete and wildcat cartridges normally considered custom by other manufacturers. We try to maintain limited quantities of factory inventory on "Custom Series" Dies listed in this catalog on pages 20 thru 22. "Custom Series" Die prices are shown at the right.

#### Special "One Off" (one of a kind) Custom Dies

Any custom dies (not listed in this catalog) are considered non series or "One Off" (one of a kind) Custom Dies and are priced in a manner reflecting the direct cost associated with their design and manufacture. To purchase 'One Off' Custom Dies you will be required to supply the chaliforn reamer drawing for your carbridge or five (5) fired cases from your chamber or order for us to provide an accurate design. All 'One Off' Custom Lies must be fully paid for at the time of your order by the claim or more provided an accurate not accepted). You must call, write or e-mail for a price quantion on any "One Off" Custom Die. Since these items are not run on a standard production basis, lead time will be a minimum of 16 weeks after receipt of payment.

Redding reserves the right to decline production of any die or die set which the company feels may produce a cartridge case with inherent design flaws or safety concerns.

#### "Custom Series" Dies Prices

Custom Two Die Sets
Custom F.L. Sizer or Neck Sizer \$ 140.00
Custom "Type S" Neck or F.L. Sizer \$ 190.25
Custom "Type S" Neck Die Set \$ 366.55
Custom Deluxe Die Set \$ 339.65
Custom Three Die Set (straight wall cases) \$ 230.80
Custom Seating Die \$ 120.65
Custom Taper Crimp Die or Body Die \$ 98.25
Custom Form Die\$ 98.25
Custom Form and Trim Die \$ 121.65
Special Price Group (*) \$ 238.25

<sup>\*</sup> Add \$9.50 for Tapered Size Button

## Popular Case Forming Dies

Case forming dies are made on a custom basis for those who wish to form brass cases from one caliber to another. Most case forming is done to produce ammunition that is not factory available. All wildcat cartridges and many obsolete calibers fall into this category. Case forming dies are designed to change the shape of the original parent case in small increments to avoid overworking the brass and to prolong case life. After using the proper form dies and/or Form & Trim Die, full length resizing is required.

Part No. **Price** 17 Remington From 222 Rem Mag or 204 Ruger \$ 98.25 90217 17 Remington Form #1 17 Remington Form &Trim Die 67.85 83217 17 Ackley Hornet From 22 Hornet 17 Ackley Hornet Form #1 98.25 90500 83500 17 Ackley Form & Trim Die 121.65 11514 Extended Shellholder #14E 24.75 17 Mach IV & 17 Rem Fireball From 221 Remington 98.25 90504 17 Mach IV Form #1 83504 17 Mach IV Form & Trim Die 93.55 11510 Extended Shellholder #10E 24.75 221 Remington From 222 or 223 Remington 90101 221 Remington Form #1 98.25 221 Remington Form & Trim Die 50.25 83101 Extended Shellholder #10E 24.75 11510 22 Remington Jet From 357 Magnum 22 Remington Jet Form #1 22 Remington Jet Form #2 98.25 90304 94304 98.25 22 Remington Jet Form & Trim Die 83304 121.65 11512 Extended Shellholder #12E 24.75 219 Zipper From 30-30 Winchester 90360 219 Zipper Form #1 98.25 219 Zipper Form #2 94360 98.25 83360 219 Zipper Form & Trim Die 84.70 219 Donaldson Wasp From 30-30 Winchester 219 Donaldson Wasp Form #1 98.25 90403 219 Donaldson Wasp Form #2 98.25 94403 83403 219 Donaldson Wasp Form & Trim Die 93.55 22 Savage H.P. From 30-30 Winchester 90338 22 Savage H.P. Form #1 98.25 22 Savage H.P. Form & Trim Die 83338 93.55 6MM PPC From 7.62MM x 39 90319 6MM PPC Form #1 Die

6MM PPC Form & Trim Die

Extended Shellholder #12E

67.85

24.75

83319

11512

Below are a few examples of commonly formed cartridges listed with their parent case and the forming dies that are required. We make many others and they all come with complete, easy to follow instructions. If you need to form a caliber that is not listed, simply write us or call explaining what you would like to do.

NOTE: Full length resizing is a necessary final operation after all case forming to insure proper chambering.

Part No.		Price
256 Winchest	er Magnum From 357 Magnum	
90233	256 Winchester Magnum Form #1	\$ 98.25
94233	256 Winchester Magnum Form #2	98.25
83233	256 Winchester Magnum Form & Trim Die	67.85
11512	Extended Shellholder #12E	24.75
25-35 Winche	ster From 30-30 Winchester	
90221	25-35 Winchester Form #1	98.25
83221	25-35 Winchester Form & Trim Die	93.55
6.5MM Rem	Mag From 7MM Rem Mag or 338 Win Mag	
83266	350 Rem Mag Form & Trim Die	67.85
90231	6.5MM Rem Mag Form #1	98.25
83231	6.5MM Rem Mag Form & Trim Die	93.55
7MM STW Fro	om 8MM Remington Magnum	
83544	7MM STW Form & Trim Die	67.85
7.65MM x 53	Mauser From 30-06 Springfield	
83243	7.65MM x 53 Mauser Form & Trim Die	93.55
7.7MM x 58 J	apanese From 30-06 Springfield	
83244	7.7MM x 58 Japanėse Form & Trim Die	93.55
33 Wincheste	r From 45-70 Govt.	
90205	33 Winchester Form #1	98.25
83205	33 Winchester Form & Trim Die	93.55
357 Herrett F	rom 30-30 Winchester	
83267	357 Herrett Form & Trim Die	121.65
350 Remingto	n Mag From 338 Winchester Mag	
83266	350 Remington Mag Form & Trim Die	67.85
	er From 444 Marlin	
83227	358 Win/356 Win Form & Trim Die	67.85
38-56 Winche	ster From 45-70 Govt.	
90463	38-56 Winchester Form # 1	98.25
83463	38-56 Winchester Form & Trim Die	93.55
40-65 Winche	ster From 45-70 Govt.	



"Cast iron construction, powerful compound linkage and a rigid seven station turret make this the best turret press ever!"

## The T-7 Turret Reloading Press

In our effort to create the ultimate turret press our engineering team started with time proven cast iron construction and a turret support second to none. The powerful compound linkage has over 3.8" of ram travel. A 1" diameter ram was chosen with the "smart primer arm" and "spent primer collection system" borrowed from our Ultramag. Another station was added to the turret for greater versatility and an optional "Slide Bar Automatic Primer Feeding System" was designed.

Built with the precision you expect from Redding, customers say "this is the best turret press ever."

The Slide Bar Automatic Primer Feeder System also fits the Big Boss Presses. See below for details.

ITEM NO. 67000 . . . . . . . \$539.85

Available in kit form with shellholder, and Series "A" die set (excludes Deluxe Set). To order, replace XXX with the last three numbers from the Series "A" dies (page 11)

ITEM NO. 67XXX . . . \$613.35

Spare 7 Station Turret w/bushing ITEM NO. 67002 . . . . . . \$126.40

## Unique! Turret Stacker

A convenient system for storing extra turret heads. Supplied with an assortment of spacers allowing up to three turrets to be stacked with dies installed, thus preserving their adjustment. This system also prevents damage to decapping rods and pins when dies are not in use.

ITEM NO. 67950 . . . . . \$67.80

#### Optional Slide Bar Automatic Primer Feeding System

Eliminates handling of primers, and speeds up reloading operations. Complete with tubes for both large and small primers. Capacity: approximately 100 primers. Fits the T-7 and Big Boss Presses.

ITEM NO. 99600 . . . . . \$79.25

#### Slide Bar Primer Arm Assembly

Quickly change primer size by simply exchanging the entire slide bar assembly.

ITEM NO. 99587 - Large. . . . . \$21.25 ITEM NO. 99586 - Small. . . . . \$21.25





Now supplied with both large and small slide bar assemblies. See "Primer Arm Assembly Update" – page 30

shell holders

position desired

• Interchangeable turret heads

• Competition die compatible

· Shellholders may be rotated to any comfortable

• "Smart" primer arm for seating small and large primers

These top of the line single station presses have the largest window opening and longest usable ram stroke of any in their class.

# The Big Boss II and original Big Boss Reloading Presses

Both the original Big Boss and the new Big Boss II reloading presses have all the desirable features of the "Boss" reloading press, but are built on heavier frames with a 1" diameter ram and longer 3.8" usable ram stroke for reloading the largest magnum cartridges.

The Big Boss II now features the unique Redding "Spent Primer Collection System" used on the T-7 and Ultramag presses.

This top of the line single station press has the largest window opening and longest usable ram stroke of any press in its class.

Simply, the only press you will ever need!

**ITEM NO. 79000 Big Boss** ......\$310.60 (Big Boss Press supplied with "Boss" style primer catcher.)

#### ITEM NO. 97000 Big Boss II ......\$346.20

Both available in kit form with shellholder, and Series "A" die set (excludes Deluxe Set). To order, replace XXX with the last three numbers from the Series "A" dies (page 11)

ITEM NO. 79XXX Big Boss \$384.25
ITEM NO. 97XXX Big Boss II \$419.90
ITEM NO. 97601 Big Boss II ram only \$61.20
Optional bushing for 1"-14 threaded dies
ITEM NO. 70030 \$29.25

## "Spent Primer Collection System"

Spent primers automatically drop through the large diameter hollow ram into a handy flexible plastic tube that can hold hundreds of spent primers before emptying, or be easily routed to your trash container.



#### "Smart Primer Arm"

"Smart" primer arm automatically swings into position during the ram stroke and flips out of the way when not in use. For maximum sensitivity at the lowest possible leverage, priming is done at the end of the ram stroke.



#### **Smart Primer Arm Assembly**

Quickly change primer size by simply exchanging the entire primer arm assembly.

ITEM NO. 99502 - Large. . . . . \$19.80 ITEM NO. 99501 - Small. . . . . \$19.80



New!

Both primer arm assemblies are now supplied with the T-7 and Big Boss Presses. See page 30" - Primer Arm Assembly Update "

## The Big Boss II -

Now featuring the unique Redding "Spent Primer Collection System" used on the T-7 and Ultramag presses.



- 3-13/16" of ram stroke for easy reloading of magnum cartridges
- Offset/straight pull ball handle for ease of operation
- "Smart" primer arm that moves in and out of position with ram travel
- · Heavy duty compound linkage
- Steel adapter bushing accepts all standard 7/8"-14 threaded dies and is removable for use with oversized dies
- Frame with bushing removed accepts 1-1/4" 12 dies



- "Smart" primer arm automatically moves in and out of position with ram travel. Priming arm is positioned where it should be... at the bottom of ram travel for the lowest leverage and best feel
- Offset handle is in the most comfortable operating position yet out of the way for best access and visibility
- Positive ram travel stop
- Powerful compound linkage
- 3 holes for rigid mounting
- Accepts all standard 7/8"-14 threaded dies and universal shellholders
- Shellholders may be rotated to any comfortable position desired
- Includes primer catcher

## The Quality of Cast Iron at The Price of Aluminum!

## **The Boss Reloading Press**

This press that has all the features reloaders look for. It's cast iron construction insures that it will last a lifetime, yet it is priced with light-duty aluminum presses! The BOSS is powerful, remarkably easy to use, and yet sensitive enough to seat primers without crushing them.

Take a look at all the features The BOSS offers and you'll be convinced...when it comes to "O" Type reloading presses, this one is truly a smart choice.

ITEM NO. 72100 ..... \$246.25

Available in kit form with shellholder, and Series "A" die set (excludes Deluxe Set). To order, replace XXX with the last three numbers from the Series "A" dies (page 11)

ITEM NO. 72XXX . . . . . . \$319.75



#### **Ball Handle Conversion**

Convenient, easy-to-attach conversion for those who prefer a ball handle on their reloading press. Fits the Redding BOSS and other reloading presses that use a 5/8" handle diameter. Easily attaches without machining or threading.

ITEM NO. 99175 . . . . . \$12.60

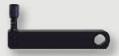
#### **New – NOTICE** Primer Arm Assembly Update

Effective January 2020, for the convenience of our customers, all Redding Reloading presses and the optional "Slide Bar Primer Feed System" will be shipped with two primer arm assemblies, one each for both large and small primers. Each assembly will have the large or small primer cup permanently affixed and sealed. This will eliminate all assembly and adjustment that was previously required for a primer size change.

#### Smart Primer Arm Assembly

Quickly change primer size by simply exchanging the entire primer arm assembly.

ITEM NO. 99154 - Large. . . . . \$19.80 ITEM NO. 99151 - Small. . . . . \$19.80





Both primer arm assemblies are now supplied with the Boss and Ultramag Presses.

## "The largest and strongest press available for the toughest reloading chores..."

(HANDLOADER Magazine, No. 148)

## The Ultramag Reloading Press

At a glance you will see what sets the ULTRAMAG apart from all other reloading presses: the unique location of its compound leverage system. Unlike other reloading presses which connect the linkage to the lower half of the press, the ULTRAMAG'S leverage system is connected to the top of the press frame. This allows you to develop literally tons of pressure without the usual concern about press frame deflection or misalignment.

The ULTRAMAG features a huge 4-3/4" frame opening and 4-1/8" of usable ram stroke, making it ideal for loading oversized cartridges such as the old Sharps "Buffalo Cartridges" and British "Nitro-Express" rounds.

Its unique long link compound leverage system has more mechanical advantage over a greater distance than any other reloading press on the market. This makes "childs play" of difficult case forming operations.

ITEM NO. 70000 . . . . . . . \$560.25

Available in kit form with shellholder, and Series "A" die set (excludes Deluxe Set). To order, replace XXX with the last three numbers from the Series "A" dies (page 11)

ITEM NO. 70XXX ..... \$633.80

• Optional bushing for 1" - 14 die threads.

ITEM NO. 70030 . . . . . . . . \$29.25



#### "Smart Primer Arm"

"Smart" primer arm automatically swings into position during the ram stroke and flips out of the way when not in use. For maximum sensitivity at the lowest possible leverage, priming is done at the end of the ram stroke.



## "Spent Primer Collection System"

Spent primers are automatically collected in the large diameter hollow ram. They then drop into a handy flexible plastic tube that can hold hundreds of spent primers before emptying, or be easily routed to your trash container.



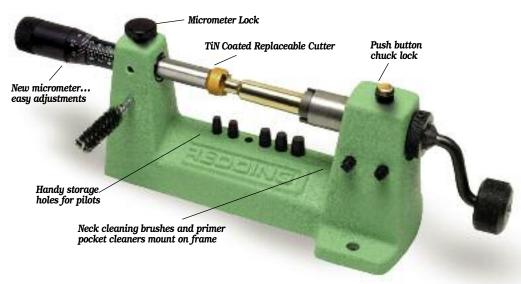
- All linkage pins are heat treated, precision ground and in double shear
- Steel adapter bushing accepts standard 7/8"-14 threaded dies and is removable for use with oversized dies
- Frame with bushing removed accepts 1-1/4" 12 die threads
- "Smart" primer arm that moves in and out of position with ram travel
- "Spent primer collection system"

# Model 2400 Match Precision Case Trimming Lathe

The most noteworthy feature of the Model #2400 Case Trimming Lathe is the new Micrometer which adds precision and repeatability to the case length adjustment. Changes as little as .001" can be easily "dialed in".

The innovative new push button chuck lock simplifies loading and unloading while facilitating perfect alignment of the case and pilot. The design of the new push button chuck lock, combined with the extended cast iron frame of the Model #1400-XT, increases case length capacity; accommodating not only the latest long action cartridges but old time classics as well.

ITEM NO. 24000 . . . . . . . \$301.25



#### Model 2400 features:

- New micrometer...easy adjustments of .001".
- Cast iron frame to maintain precision alignment.
- New push button collet chuck is ideally suited for use with optional power adapter.
- Handles 17 to 50 Cal, up to 3-1/4" case length.
- Universal collet fits all popular cases no others to buy.
- TiN (Titanium Nitride) coated replaceable cutter.
- Storage holes for pilots.

## Model 1400-XT Case Trimming Lathe

The Model #1400-XT Case
Trimming Lathe uses a cast
iron frame that has been
extended to handle all the latest long action cartridges. The
frame is cast iron because it is a
perfect bearing surface, will not
wear out and will maintain its
precision and alignment for years
of service.



ITEM NO. 14000 . . . . . . . . \$ 173.70



"The New 2400 Case Trimming Lathe is another "Home-Run" for Redding.

Your equipment is very well thought out."

Rich Maretzo

Redding "case trimming lathes" are the only case trimmers on the market that turn the case and not the cutter. This feature guarantees a perfectly square case mouth with every cut.

## Both the Model #1400-XT and the #2400 Case Trimming Lathes are supplied with the following:

- Universal collet fits all popular cases.
- TiN (Titanium Nitride) coated replaceable cutter.
- Six pilots .22 cal., 6mm, 6.5mm, .270 cal., 7mm and .30 cal.
- Two neck cleaning brushes (.22 thru .30 cal.)
- Large and small primer pocket cleaners.

#### Model 1400-XT features:

- Cast iron frame to last a lifetime.
- Universal collet fits all popular cases no others to buy.
- Handles 17 to 50 Cal, up to 3" case length.
- TiN (Titanium Nitride) coated replaceable cutter.
- Coarse and fine adjustments for case length.
- Storage holes for pilots.



3/16" Shank Pilots may also be used on Hornady and Forster trimmers.



Universal Collet accepts all popular cases – no others to buy!



New replaceable (TiN) Titanium Nitride coated high speed cutters.



Optional Power Adapter with 1/4" hex for use with cordless screwdrivers.
Works with both trimmers.

ITEM NO. #14025 . . . \$20.40

ITEM NO. 14040 TiN Cutter (17 & 20 caliber)\* . . \$ 38.25 ITEM NO. 14045 TiN Cutter & Shaft Complete . . 48.25 ITEM NO. 14050 TiN Cutter (Standard) . . . . . . . 38.25

Refer to die reference chart on pages 24, 25 & 26 for pilot number.

Item No.14045 assembly fits only Model 14 & 1400 Trimmers. The Model 2400 micrometer will not fit any other Trimmer.

## Case Neck Gauge

#### One of the most important tools you will ever use!

Provides a quick and easy way to sort cases by neck wall thickness and uniformity. This tool allows you to accurately *measure* the neck wall thickness of the cartridge case and determine its uniformity, (see below Tech-Talk – The Importance of Case Neck Uniformity.)

Two mandrel sizes are supplied to allow measurement of all cases from .17 cal. to .338 cal. including cases with small (.060) flash holes. For your convenience the mounting base allows direct attachment to your reloading bench, or use the Redding No. 30520 double "C" clamp (see page 41).

Pilot stops are required for each caliber (see chart on page 34). Two pilot stops are supplied with the tool, #06121, .22 cal. and #06130, .30 cal.

**ITEM NO. 26400** 

Case Neck Gauge complete w/large 1" x .001" dial indicator . . . . . \$157.35

## Tech Talk – The Importance of Case Neck Uniformity

Uniformity of case neck wall thickness is an indication of the quality of the cartridge case itself.

Any large variation (over .0015") in neck wall thickness will generally indicate a similar or greater variation in the body and shoulder of the case. This variation cannot be corrected and may lead to concentricity and bullet runout problems.

Most competition shooters that have been forced to turn necks to properly fit "tight neck" chambers will confirm the following: "Turning the necks of poor quality cases will not solve the problems associated with the poor uniformity that remains within the shoulder and body of the case."

As in all handloading practices - uniformity is the key to accuracy.

## New! Slant Bed Concentricity Gauge

## Quickly identify excessive case neck and bullet run-out of your loaded rounds.

The unique ergonomic design improves precision and ease of use. A fixed vertical indicator stand places the indicator face at the ideal sight angle of  $30^{\circ}$  and eliminates the possibility of off-center readings.

The "Slant Bed" design moves the bearing surface down and away from the user, making case rotation easier and more precise. Precision stainless steel bearings provide single point contact with the cartridge case. Linear adjustment for various cartridge lengths is simplified with bearing sliders mounted on stainless steel guide ways.

#### Features:

- Ergonomic Design Ready to Use Shipped complete w/dial indicator.
- Fixed indicator position eliminates set-up errors.
- Precision stainless steel bearings mounted on linear guide ways will accept any cartridge case from 17 Hornet to 408 CheyTac.
- Supplied with non-skid rubber feet or use the direct mounting holes.
- May be easily converted to left hand arrangement.

**ITEM NO. 26100** 

Slant Bed Concentricity Gauge complete w/large1"x.001" dial indicator . . . . . \$199.95



### Primer Pocket Uniformers

Redding Primer Pocket Uniformers are precision ground carbide tools esigned to cut primer pockets to a uniform depth and square to the case head.

The depth of cut is to SAAMI specifications and is controlled by a shoulder ground into the cutter that cannot change.

Available for large and small rifle primer pockets. Each cutter is supplied with an integral holder having a #8-32 threaded shank to fit the Redding #18005 accessory handle.



Unique chatterless 5 flute design

ITEM NO. 09100 Large Rifle Primer Pocket Uniformer
with accessory handle & power screwdriver adapter <b>\$50.70</b>
ITEM NO. 09105 Small Rifle* Primer Pocket Uniformer
with accessory handle & power screwdriver adapter <b>\$50.70</b>
ITEM NO. 09110 Optional - Power Screwdriver Adapter
(1/4" hex O.D. with #8-32 I.D. threads)

\*Note: Small Rifle Primer Pocket Uniformer is dimensionally correct for small pistol. <u>Do not use</u> the Large Rifle Primer Pocket Uniformer for Large Pistol.

### Stainless Pilot Stops

Precision CNC machined stainless steel for use with the Redding Case Neck Gauge and Flash Hole Deburring Tools.

Designed to properly fit new and resized case necks, these pilot stops feature a very unique shape. Slightly undercut, this shape will not pick up imperfections at the case mouth or neck/shoulder junction resulting in smooth accurate indicator readings when used with the new Case Neck Gauge.

Two sizes are available because of the small (9/64") mandrels used for .17 & .20 cal. and small flash holes. The larger size (for standard 3/16" mandrels) work equally well with the tools

(for standard 3/16" mandrels) work equally well with the tools of other manufacturers.

### Flash Hole Deburring Tools

During the manufacturing process, burrs that can cause erratic ignition are often left inside the case at the flash hole.

Redding now manufactures two different tools for removal of flash hole burrs. Both tools use pilot stops listed below.

The universal tool is for all calibers from .22 thru .338 cal. using standard (.080") flash holes. This tool controls the cutting depth with a built-in stop that locates on the inside web of the case. A unique feature of this tool is the cross drilled hole for chip relief. Uses standard pilot stops for 3/16" mandrels.

The small tool is for .17 & .20 cal. and cases with small (.060") flash holes. This tool  $\underline{does\ not}$  control the cutting depth. The operator \must control the cutting depth using the small pilot stops for 9/64" mandrels

ITEM NO. 06100 Universal Flash Hole Deburring Tool w/handle (supplied with #06130 .30 cal. pilot stop) ......................\$43.90

ITEM NO. 06110 Small Flash Hole Deburring Tool w/handle (supplied with #06121 .22 cal. pilot stop) ......\$43.90

ITEM NO. 18005 Lg. Accessory Handle with #8-32 thread . . \$12.25 ITEM NO. 06103 Sm. Accessory Handle with #6-32 thread . . \$12.25

Item No.	Caliber	Item No.	Caliber	Item No.	Caliber
06117 06120 06121 06122 06123 06124	.17 CAL.* .20 CAL.* .22 CAL.* .22 CAL. 6MM* 6MM	06125 06126 06129 06127 06128	.25 CAL 6.5MM 6.5MM* .270 CAL. 7MM	06130 06139 06131 06132 06133	.30 CAL. .30 CAL.* .31 CAL. 8MM. .338 CAL.

<sup>\*</sup> Pilots for small diameter 9/64" mandrels

ITEM NO. 061XX Stainless Pilot Stop . . . . . \$12.90 ea.

### Piloted Deburring Tool

Removes burrs and bevels case mouths for ease of bullet seating. The pilot rod feature is adjustable for different cartridge lengths and insures chamfer cancentricity to the case mouth.

Accepts all cases from .22 to .475 caliber.

Hardened precision ground flutes make clean, easy, chatterfree cuts.

NO. 09060 . . . . . . . . **\$45.25** 

#### Classic Deburring Tool

Removes burrs and bevels case mouths for easy bullet seating.

Hardened precision ground flutes make clean, easy, chatterfree cuts. Accepts all cases from .17 to .45 caliber.

NO. 09000 . . . . . . . . **\$40.70** 

## Piloted Inside Chamfering Tool

Model 15-P

This piloted chamfering tool features the perfect inside cutting angle of 15°. The pilot rod with attached accessory handle is adjustable for different cartridge lengths and insures the concentricity of the I.D. chamfer to the case mouth. Hardened precision ground flutes make clean, easy, chatterfree cuts. Accepts cases from .22 to .45 caliber.

NO. 09030 . . . . . . . . **\$45.25** 

#### Reloading Kits provide a substantial savings over the cost of individual items



#### "Precision Tools to last a lifetime!"

We've selected some of our most popular reloading components and put them in a money-saving package. This kit was created for both the first-time reloader and for the more advanced reloader desiring to upgrade equipment.

The Boss and Big Boss Pro-Paks include the following:

- The Boss or Big Boss Reloading Press Our most popular single station presses.
- Model 2 Powder and Bullet Scale. The most sensitive and most accurate balance beam scale on the market.
- Powder Trickler Heavy, stable companion to the powder scale.
- Case Lube Kit Consists of a non-skid lube pad and Imperial Bio-Green case lube.
- Deburring Tool Provides clean chatterless cuts.
- Case Preparation Kit Accessory handle with all the tools and brushes you need to properly clean your fired cases.
- Powder Funnel Made of tough Lexan® and nearly indestructable
- Hodgdon Annual Manual Reloading information using Hodgdon, IMR & W-W powders and a variety of helpful handloading articles.

BOSS PRO-PAK — NO. 20000	. \$548.75
BIG BOSS PRO-PAK — NO. 40000	609.85
BIG BOSS II PRO-PAK — NO. 57000	. 644.95

## **Versa Pak & Versa Pak Pro Advanced Reloading Kits**

"Whether your goals include record books or record bucks, the best ammunition in the world comes from your hands and our tools."

#### The Versa Pak

As the name implies the Versa Pak was created for versatility, offering all of the products a serious handloader needs, (without the press and dies), at a substantial savings over the cost of the individual items. This allows the first time or seasoned handloader to improve his or her experience with, not just the best equipment but equipment best suited to his or her individual needs. The Versa Pak includes all the items listed in the Pro Pak plus our Classic Model 3 Powder Measure, a 1400 XT Case Trimmer, Imperial Dry Neck Lube in Application Media, a starter size of Imperial Sizing Die Wax and our DVD, "Advanced Handloading, Beyond the Basics". When mated with any Redding press and dies you can build a package for a lifetime of service.



ITEM NO. 35000 . . . . . . . . . . . \$700.35

#### The Versa Pak Pro

The ultimate upgrade of the Versa Pak replaces the 1400 XT Case Trimmer with our unique Micrometer Adjustable Model 2400 Case Trimming Lathe (Page 32). It also adds the Match Grade model 3BR Powder Measure (Page 22) in place of the Classic Model 3. 
ITEM NO. 35750 . . . . . . . . . . . . \$874.75

## SAECO – a product of Redding Since 1985

Considered by many to be the finest lubricator/sizer available today.

#### SAECO Lubri-Sizer

A single stroke seats gas checks, swages bullets to proper diameter, and lubricates them. The pressurized reservoir lubricates from 20 to 50 bullets between turns of the lube control handle. Parallel guide rods assure proper alignment of the top punch and sizing die, resulting in maximum bullet concentricity.

Those who prefer to shoot bullets "as cast" will appreciate the exclusive swing out gas check seater which allows the option of seating gas checks without sizing.

A combination of compound leverage and extra length operating handle substantially reduces physical effort.

ITEM NO. 30000 ..... \$352.30

Sizing Dies and Top Punches are not included and should be ordered according to caliber and bullet design.

**Top Punches** 

## Top Punches Lyman/RCBS Type

Straight shank type top punches designed to fit the Lyman and RCBS Lubrisizers and SAECO bullets. See mould table for "LR" top punch number. . . . . . . . . . . . . . . . \$27.80



#### SAECO Bullet Lubricants

#### SAECO GOLD - Pistol Lubricant

The original alox free formula developed by SAECO. Keeps barrels cleaner and reduces leading to a minimum for superior accuracy. Also makes an excellent fluxing agent and works equally well in rifles.

#### SAECO TRADITIONAL - Rifle Lubricant

This is the NRA formula for Alox and bees wax. We use natural yellow beeswax, not synthetics. Formulated to prevent leading and improve accuracy at higher velocity levels.

#### SAECO GREEN - Rifle and Pistol Lubricant

An original SAECO formula brought back. Contains no alox. Slightly harder than the other SAECO lubes.

Available in Solid or Hollow Sticks . . . \$ 11.50

### **SAECO Sizing Dies**

SAECO sizing dies are made with a unique pre-lead that fits the "as cast" bullet diameter. This insures that bullets feed into the sizing diameter in absolute straight alignment. The dies are finished by internal honing known as micro-finishing which produces a mirror finish and a sizing hole that is perfectly round. Your bullets will look like polished silver with no lead shavings.

ITEM NO. 30XXX ...... \$ 65.55 For order No., replace XXX with size from chart below.

#### DIE SIZES AVAILABLE:

.224 .225 .244 .251 .258 .265 .266 .278 .285 .286 .308 .309 .310 .311 .312 .313 .314 .321 .322 .323 .324 .325 .338 .339 .349 .354 .355 .356 .357 .358 .359 .360 .364 .365 .366 .375 .376 .377 .378 .401 .408 .409 .410 .411 .417 .427 .428 .429 .430 .431 .451 .452 .454 .455 .458 .459 .460

## SAECO Lead Hardness Tester

A precision instrument to accurately determine the hardness of a bullet casting alloy.

A SAECO Lead Hardness Tester will pay for itself many times over by allowing you to convert inexpensive scrap lead of unknown composition into casting alloy of known and reproduceable hardness. It provides a standard by which you can check the quality of purchased cast bullets. The SAECO Lead Hardness Tester measures alloy hardness by determining the depth of penetration of a hardened steel indenter into a bullet. Relative hardness of the bullet is read off a vernier scale

The vernier scale is calibrated in arbitrary units from 0 for pure lead up to a SAECO hardness of 10. We have found that a SAECO hardness of at least 6 is required for medium velocities in handguns and a SAECO hardness of over 8 for Magnum handgun and gas check rifle bullets. As a point of reference, wheelweights vary in composition and hardness but usually test between 7 and 9, while linotype registers approx. 10.

ITEM NO. 42000 . . . . . . . \$278.40



## SAECO Precision Bullet Moulds

All SAECO moulds are machined from solid cast iron blocks one cavity at a time. Using the same cutting tool (cherrie) for each cavity on digital equipment guarantees that each cavity duplicates the previous one. You don't need to pay a premium for matched cavities. SAECO even developed its own blend of copper alloyed pearlitic cast iron for tight grain structure, dimensional stability and extended life. The steel sprue plates are held firm against the mould blocks by high-temperature spring washers to insure uniform bullets with square bases.

**SPECIAL ORDER 3 CAVITY MOULDS**All 3 cavity moulds are made on a special

order basis only. . . . . \$ **223.25** 

## "Magnum" Mould Blocks Available in Single and Double Cavity

"Magnum" mould blocks were created to insure more uniform temperature control and casting consistency when casting large diameter and/or heavy bullets. Single cavity "Magnum" moulds are made from our normal double cavity blocks. Double cavity "Magnum" moulds are made from our normal triple cavity blocks, with wider spacing.

"Magnum" moulds can be ordered for any caliber or weight bullet and are required for those moulds marked with asterisk\*.

#### **Mould Handles**

WARNING: This product can expose you to lead, which is known to the State of California to cause cancer, birth defects, or other reproductive harm.

For more information go to www.p65warnings.ca.gov

Castings are ductile iron with solid hardwood grips. They should be ordered separately and fit all SAECO mould blocks.

ITEM NO. 29000 ... \$74.90

## Traditional Bullet Moulds

### For Black Powder Cartridges & Cowboy Action Shooting

All SAECO bullet moulds must be ordered with the SAECO bullet number. Illustrations not to scale.

	30 CAL. R		32-20 WIN	32-40 WIN		38 SPL/ 357 MAG	38-40 WIN	38-55 WIN		
No. Designation	<b>630</b> 140gr. FP	<b>315</b> 175gr. TCGC	<b>322</b> 118gr. RNFP	<b>632</b> 165gr. RNFP	* <b>732</b> 200gr. RNFP	358 158gr. RNFP	<b>401</b> 190gr. RNFP	638 225gr. RNFP	<b>738</b> 255gr. RNFP	* <b>571</b> 300gr. RNFP
Sizing Die	.309	N.R.	.313	N.R.	N.R.	.358	.401	N.R.	N.R.	N.R.
Top Punch	30530	30329	30254	30530	30530	35353	40101	37570	37570	37570
♦ LR Top Punch	46511	46509	46507	46511	46511	46518	46531	46528	46528	46528
Description	For 30-30	Bench Rest •Tapered	.32-20 Bullet	.32-40 •Tapered	.32-40 •Tapered	Super Long Range Bullet	.38-40	•Tapered	•Tapered	•Tapered
	40 CAL. R	IFLES	44-40 WIN	44 SPL/44	MAG	45 COLT		45 CAL. RIFLES		
No.	*640	*740	444	446	429	954	955	*645	*745	*881
Designation	370gr.	410gr.	200gr. RNFP	200gr. RNFP	240gr. RNFP	230gr. RNFP	255gr. RNFP	480gr.	525gr.	500gr. RN
Sizing Die	.408/.410	.408/.410	.428	.430	.430	.452/.454	.452/.454	.458/.460	.458/.460	.458
Top Punch	40410	40410	44191	44191	44191	45424	45424	45525	45525	45525
◆ LR Top Punch Description	46532	46532	46538 .44-40	46538 .44 Spec/Mag	46538	46550	46550	46553	46553	46553 M1881 Design

Tapered Styled Bullets have the front band near bore diameter tapering to slightly larger than groove diameter. This style bullet was furnished by most of the old time barrel makers such as Harry Pope.
 This is a popular Schuetzen style bullet with rounded lube grooves.

<sup>\*</sup> Due to length, diameter or weight, the moulds indicated are available in "Magnum" mould blocks only.

• Designates Lyman/RCBS style Top Punches

## **SAECO** Bullet Moulds

All SAECO bullet moulds must be ordered with the SAECO bullet number. Illustrations not to scale.



WARNING: This product can expose you to lead, which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.p65warnings.ca.gov

	22 CAL.	.243 CAL.	25 CAL.	6.5 mm	270 CAL.	7 mm				30 CAL.		
No. Designation Sizing Die Top Punch ◆LR Top Punch Description	221 60gr. SPGC .225 22498 46500 Works Well in .223 Semi Autos	243 85gr. TCGC .244 24243 46501 For all .243 & .244 Cal.	257 100gr. TCGC .258 25258 46502 .25 Cal. Silhouette	264 140gr. SPGC .265 26264 46503	270 140gr. TCGC .278 27273 46504 Two perfect 60's shot at Reg. 6 IHMSA	281 145gr. FPG .285 28311 46505 Standard for 7mm	070 C 145gr. TCG .285 28520 46506 Silhouette	071 6C 160gr. TC6 .285 28520 46506 200 meters Silhouette	.285 28520 46506	.309 30467 46510 For 30 MI, GO	254 115gr. RNBB .309 30467 46510 For 30 MI	316 150gr. FPGC .309 30530 46511 For 30-30
				31 CAL.	32 CAL.					8 mm	9 mm/38 S	SUPER
No. Designation Sizing Die Top Punch  LR Top Punch Descriptlon	311 165gr. TCGC .309 30301 46508	307 180gr. FPGC .309 30530 46511	301 196gr. TCGC .309 30301 46508 Duplicates Original RG4	305 180gr. FPGC .311 30530 46511 303 British	323 95gr. WC .313 32323 46512 .Good .32 I Target Bulle	9 .3 3 4 Long	5gr. SWC 313 2467	<b>326</b> 100gr. SWCBB .313 32467 46514	321 95gr. RN .313 32465 46513 .32 S&W Long	081 190gr. RNGC .323/.324 32467 46514 8 mm Rifle	922 115gr. RNBB .356 35311 46516	<b>925</b> 115gr. SWCBB .356 35925 46526
										9.2 mm	38/357-35	i CAL.
No. Designation Sizing Die Top Punch ◆LR Top Punch Description	377 122gr. TCBB .356 35375 46519 Good Ballistics for 9 mm	384 122gr. RN .356 35311 46516 Good Feeding 9mm	115 122gr. RNBB .356 35311 46516	924 124gr. SWCGC .356 35925 46526 Good Feeding SWC	140gr. SWC .356/.357 35429 46522	928 145gr. RNBB .356/.357 35311 46516 38 Super	929 145gr. SWCBB .356/.357 35925 46526 38 Super	910 150gr. RN .356 35311 46516	930 154gr. SWCBB .356/.357 35925 46526 38 Super Wilson Design	940 100gr. RNBB .365 35465 46524 9mm Makarov	052 148gr. WCBB .358 35550 46525 Target Bullet	053 148gr. WC .358 35381 46520 GAR Design
No. Designation Sizing Die Top Punch ♦LR Top Punch Description	397 148gr. WCDBB .358 35344 46517 148gr. Double Bevel Base WC	348 148gr. DBBWC .358 35344 46517 Single Groove DBB	382 158gr. SWC .358 35429 46522 Keith Design	158gr. SWCBB .358 35429	162gr. SWCGC 19 .358 .3 35429 39 46522 40 S	90 58gr. RN 958 5311 6516 tandard 38 Bullet	158gr. RNBB .358 35311	.358 .35 35399 35 46521 46	0gr. FP 180 58 .358 353 353 518 465 per Long GC	lgr. FPGC 180gr. 8 .358 153 35399	.358	351 200gr. FP .358 35399 46516 Heavy 357 Bullet
				375 CAL.	40 CAL./1	0 mm					41 CAL.	
No. Designation Sizing Die Top Punch LR Top Punch Description	356 200gr. FPGC .358 35353 46516 Handgun Silhouette	200gr. TCGC .358 35399	352 245gr. FPGC 358 35399 46516	373 265gr. FPGC .376 37570 46528 Rifle	040 155gr. SW .401 40048 46530 10mm Aut	.401 400 465	gr. TCBB 17 .4 47 40 29 46	70gr. SWCBB 01 0048 6530	200gr. TCBB 2 .401 .40047 4 46529 4	148 200gr. SWCBB 401 10048 16530 0mm Auto	170gr. SWCBB .411 41447 46535 41 Auto	419 200gr. SWCBB .411 41447 46535 41 Auto Petty Design

	41 CAL. (c	ontinued)							44 CAL.			_
No. Designation Sizing Die Top Punch ◆LR Top Punch Description	412 185gr. SWC 411 41610 46536	417 210gr. SWC .411 41610 46536	<b>409</b> 190gr. TC .411 41415 46534	413 210gr. TCBB .411 41415 46534	415 220gr. TCGC .411 41415 46534	410 220gr. FP .411 41415 46534 Pistol	418 220gr. SWI .411 41610 46536 Bevel Base		944 200gr. WC .430 44944 46544 GAR Design	420 200gr. TC .430 44428 46542 Jim Hubert	445 220gr. SWCBB .430 44191 46538	246gr. RN .430 44374 46540 Standard 44
						Silhouette	Keith Style			Design	45 CAL.	Spec. Bullet
No. Designation Sizing Die Top Punch LR Top Punch Description	441 240gr. SWC .430 44421 46541 Standard Wt. 4 Mag Keith Styl	.430 44421 46541	439 B 240gr. SWCGC .430 44421 46541	429 240gr. FP .430 44191 46538 Superb Long Range Bullet	424 240gr. TCGC .430 44428 46542 GC Version of Popular 428	428 240gr. TC .430 44428 46542 Most Popular Silhouette	431 250gr. FPGC .430 44191 46538 444 Marlin	265gr. Fl .430 44191 46538 Superb L Range B	.430 44191 46538	433 6C 300gr. FPGC .430 44191 46538 Silhouette	063 160gr. SPL .452 45452 46552 Behn Design	170gr. SPLBB .452 45452 46552 -V-MAXX .45 Behn Design
No. Designation Sizing Die Top Punch ◆ LR Top Punch Description	065 180gr. SWCBB .452 45429 46551 Lt. Wt. IPSC	130 185gr. SW0 .452 45421 46549 Most Popu Lt. Target	.452 45421 46549	066 CBB 180gr. SW0 .452 45429 46551	068 200gr. SW .452 45429 46551 Most Popu Combat Bu	.452 45429 46551	7C 215gr. .452 45424 46550 Bowlin Bullet	SWCBB	265 210gr. RNWC .452 45265 46547 Best Feeding .45 ACP	<b>067</b> 225gr. TCBB .452 45375 46548	456 225gr. RN .452 45701 46556 Standard Round Nose	<b>457</b> 225gr. RNBB .452 45701 46556
						CAL. RIFLE						
No. Designation Sizing Die Top Punch LR Top Punch Description	225gr. WC 2 .452 .45424 4	255gr. SWCGC 452 45424 46550 For 45 Colt	.452 .45 45424 454 46550 465 For 45 Colt For	igr. SWC 300gr. S 5 .452 124 45424	.456 450 465 45 Colt	gr. FP 350gr. F 8 .458 15 45015	*018 PGC 405gr. FF .458 45015 46545	*01 465 .456 450 465	gr. FPGC 375gr 3 .458 15 45702	.458 2 45702	*022 *GC 500gr. FP .458 45525 46553	*020 540gr. FPGC .458 45525 46553

- \* Due to length, diameter or weight, the moulds indicated are available in "MAGNUM" mould blocks only.
- ◆ Designates Lyman/RCBS style Top Punches

#### Bullet Sizes & Weights — How to Vary Them

The bullet diameters and weights presented in this list are based on the use of Taracorp's Lawrence Magnum bullet alloy (2% tin, 6% antimony, 1/4% arsenic, 91.75% lead).

Bullet diameters and weights will vary considerably depending on the lead casting alloy used. This variation can be as much as 1/2% on the diameter, and 8% on the weight among the most commonly used casting alloys. For example, a .358-158 grain bullet might show a diameter variation of .002", and a 13 grain difference in weight.

Of the most commonly used alloys, wheel weights (.5% tin, 4% antimony, 95% lead) will produce bullets having the smallest diameter and heaviest weight, with such bullets running approximately 1/3% smaller in diameter and 3% heavier than bullets cast with Taracorp's metal. Linotype will produce bullets with the largest diameter and lightest weights. This alloy will

produce bullets approximately 1/10% larger and 3% lighter than Taracorp. Other alloys of tin and antimony, with antimony content above 5%, will produce bullets with diameters and weights falling between those cast from wheel weights and linotype.

Alloys containing little or no antimony will cast considerably smaller than wheel weights and in some cases will produce bullets too small for adequate sizing. Within the limitations given above, the weight and diameter of a cast bullet can be adjusted by varying the alloy's antimony content.

The size and weight of bullets of a given alloy will also vary according to casting temperature. Higher temperatures will result in greater shrinkage as the bullet cools, thereby producing a slightly smaller and lighter bullet than one cast of the same alloy at a lower temperature.

#### Gas Checks

SAECO has adopted the tapered form of gas check heel to minimize problems encountered with the use of various alloys and gas checks. SAECO bullets are designed to properly maintain the gas checks when cast with Lawrence Magnum Bullet Metal or linotype. Alloys producing smaller diameters may result in gas checks not seating properly. Bullet weights listed for gas check designs include the gas check weight.

#### **Bevel Base Bullets**

SAECO Bevel Base bullets have a slight bevel at the base of the bullet. This bevel helps guide the bullet into the cartridge case. A benefit of using bevel base bullets is that the case will require minimal bell-mouthing, and have a longer case life. Bevel base bullets are of course easier to seat.

## Reloading DVD

#### Advanced Handloading - Beyond The Basics

A perfect companion to your new Redding Reloading Equipment, this DVD guides you through the advanced techniques needed to improve the accuracy of your ammunition and is hosted by, noted handloading author, John Barsness.







Style "A" No. 99955

Low Profile, six panel heavy brushed twill cap. Fabric Strap Adjuster with Velcro®, front and rear embroidery. Color Tan /Dark Green **\$20.25** ea.



Style "B" No. 99965

Low Profile, six panel distressed twill unstructured cap. Fabric Strap Adjuster with brass buckle, front and rear embroidery. Color: Stone Washed Green. **\$20.25** ea.



Style "P" No. 99970

Low Profile, six panel chino twill unstructured cap. Fabric Strap Adjuster with brass buckle, front and rear embroidery. Color: Pink **\$20.25** ea.

## Shooting Caps



Style "C" No. 99960

Low Profile, six panel heavy brushed twill cap. Fabric Strap Adjuster with Velcro®, front and rear embroidery. Color: Dark Green **\$20.25** ea.





Low Profile, six panel Advantage® Timber cap. Fabric Strap Adjuster with brass buckle, front and rear embroidery. Color: Advantage® Timber **\$21.40** ea.



Proceeds from Pink Cap supports Camp Good Days and Special Times Women's Oncology Programs

#### Official Redding Apparel now available, visit our website: www.redding-reloading.com





#### CASE PREPARATION KIT

All the tools you need in one package for removing dirt and powder residue from the inside of case necks and primer pockets. Kit comes complete with accessory handle, large and small primer pocket cleaners and three (3) case neck brushes to handle all cartridges from .22 thru .45 caliber.

NO. 18000	\$41.85
NO. 18005 Accessory Handle	. 12.25
NO. 99139 Lg. Pocket Cleaner	7.80
NO. 99138 Sm. Pocket Cleaner	7.80
NO. 99137 Lg. Neck Brush	
NO. 99136 Med. Neck Brush	5.85
NO. 99135 Sm. Neck Brush	5.85

#### DIE SPACER KIT

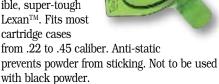
For use with combination die sets and all 7/8-14 reloading dies to quickly compensate for case length or make a no-crimp

adjustment without the need to move the lock rings. Kit includes three spacers: No-crimp or partial resizing, 44 Spl/44 Mag spacer, 38 Spl/357 Mag spacer.

NO. 80901 ...... \$16.25

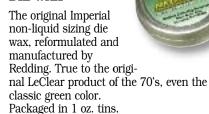
#### POWDER FUNNEL

Nearly indestructible, super-tough Lexan<sup>TM</sup>. Fits most cartridge cases



NO. 13000 ...... \$11.25

#### REDDING BRAND IMPERIAL SIZING DIE WAX



ITEM NO. 21022 (1 oz. tin) ....... \$10.85

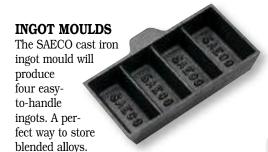
#### POWDER MEASURE RESERVOIRS

Replacement powder reservoirs are available in three sizes with or without caps. The smallest shown is the same as originally supplied on your Redding powder measure. The intermediate is 7" overall length and the largest available is 10".



These fit all models of Redding powder measures using a 2-1/8" O.D. reservoir.

NO. 99130 Original Reservoir	\$12.25
NO. 99333 Original Reservoir with cap	\$16.80
NO. 99157 7" Reservoir	\$16.80
NO. 99165 7" Reservoir w/ cap	\$20.85
NO. 99162 Long 10" Reservoir	\$20.85
NO. 99167 Long 10" Reservoir with cap	<b>\$24.75</b>
NO. 99101 Reservoir cap	\$ 5.75





Double "C"

Clamp was designed as a convenient way to secure the SAECO lubrisizer to a bench top. The newest model is the ideal size for clamping the Redding powder measure stand and case trimmer to a bench top. Both units will accommodate a bench thickness of up to 2-1/4". May be used to mount any number of tools. Handy items for any reloading room.

NO. 30120 Lubrisizer Clamp (2-3/8" inside fingers) ........**\$41.85** 

NO. 30520 Bench Stand/Trimmer Clamp (1-5/8" inside fingers) .......\$41.85

Note: NO. 30520 aslo fits Case Neck Gauge



#### STUCK CASE REMOVAL KIT

Sooner or later everyone does it. Too little case lubricant (or using ordinary oil) and the case seizes in the resizing die. Usually, the rim pulls off and it is almost impossible to remove the stuck case without damaging the die. This case removal kit provides an easy solution to your problems. Instructions included.

NO. 22000 ...... \$37.25

#### **RS-6 BENCH STAND**

For convenient bench-top mounting of all Redding Powder Measures. Will also fit all other Powder Measures with 7/8-14 thread mounting. This bench stand is not threaded; it is secured with a lock ring which enables you to rotate the measure to any desired position and permits quick dump of the reservoir.

NO. 06000 ..... \$60.80

#### **CASE LUBE KIT**

The most popular way to properly lubricate cases for resizing and case forming.

The bottom side of the pad includes non-skid feet so it won't skate all over your bench when you are using it. Kit now includes a 2 oz. plastic bottle of Imperial Bio-Green.

Redding Case Lube Kit NO. 12012 ... \$30.95 Case Lube Pad only NO. 12010 ....... \$21.85 Replacement Insert NO. 12007 ....... \$ 5.60



### Spare Parts

The spare parts listed represent only the most commonly requested service parts. For price and availability of items not listed, please consult factory.

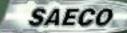
NO. RS-1 STANDARD POWDER SCALE         Pan       \$11.85         Pan Hook       8.25         Main Bearing**       11.85         Clean & recalibration**       21.25         NO. 2 MASTER POWDER SCALE         Pan       \$11.85	NO. 3 & 3BR POWDER MEASURES         Drop Tube       \$8.25         Lock Screw       4.60         Cap only       5.75         Reservoir Screws (2)       1.35         Competition Style Operating Handle       20.40         Drop Tube Adapter .17 & .20 cal.       14.70         Powder Baffle       8.45
Pan Hook Assembly 13.55  Main Bearing** 11.85  Beam Assembly** 60.60  Clean & recalibration** 21.25  **Scale must be returned to factory for replacement, cleaning and recalibration.	NO. 1400 CASE TRIMMER         TiN Cutter (specify standard or .17 cal.) \$38.25         Shaft Only
PARTS FOR OLD STYLE TRIMMERS (Models 13, 14, & 14K) Cutter Blade (Square or "V") specify \$9.25 Pilots (No. 15 Split Shank) 9.25	Cutter Sharpening
ULTRAMAG & BOSS PRESS Boss Primer Catcher	NO. 10 MISCELLANEOUS DIE PARTS         Die Spacer Rings- each       \$6.60         Plastic Die Box       10.25         Small Lock Rings       3.60         Body Lock Ring 7/8"-14       6.00         Decap Pins (Pkg. of 10) lg. or sm.       8.25

## Lifetime Warranty

Il Redding Reloading Equipment has been carefully inspected prior to shipment and is fully warranted to be free from defects in materials and workmanship for life. Imperial and SAECO products now manufactured by Redding carry the same warranty. Any product or parts which prove to be defective will be replaced or repaired without charge if returned prepaid to the factory.

Note: We reserve the right to decline responsibility where misuse or careless handling is evident or where repairs or modifications have been made or attempted by others.





BULLET CASTING PRODUCTS







RELOADING EQUIPMENT

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