



PRODUCT CATALOG

JANUARY 2024 EDITION

Important Information

Placing an Order:

Online: For the fastest way to place an order, visit our online shopping store at mansonreamers.com and navigate to “shop online”.

Visit www.Mansonreamers.com

By Phone: Call us at: **810-953-0732**. We know many of our products require technical assistance and personal guidance. An expert will be available to assist you Monday – Friday, 10:00 AM to 4:30 PM Eastern Time, with the exception of Holidays.

By Email: Email us at: **Support@mansonreamers.com** If all your questions have been answered and you know what you want, provide name, phone, billing and shipping address, payment information (including card number, expiration date and security code), and specific items you wish to order.

Payment Information:

Domestic Orders: We accept checks, money orders and credit cards (Visa, MasterCard, American Express or Discover).

Foreign Orders: Credit cards only. **We do not accept Pay Pal or wire transfers**

Pre-Payment: Special orders and standard items needing alteration, require payment when the order is placed.

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Domestic Shipping (USA addresses): we use UPS and USPS priority mail insured. (USPS can be uninsured at your request and risk).

Foreign Shipping; Priority Mail International or First-Class Mail International insured. DHL is another option which is faster but usually more expensive.

Manufacturing Times:

The demand for Ammunition, Firearms and Firearms Tooling has risen dramatically in the past few years. Most standard catalog items are readily available in stock and ship within 48 business hours from time of payment. If a standard item is out of stock, it may take longer for delivery. We continue to work on improving our delivery times by adding new machinery and personnel and ask for your patience in this regard.

Warranty Policy:

Manson Precision Reamers' products are guaranteed against defects in material and workmanship. If you feel one of our tools does not perform as it should, please call or email for suggestions as to its use. We emphasize customer service above all else and strive to provide the best possible tooling. If a tool is not right, it will be repaired or replaced, after a review. *In all cases, our liability is limited to replacement of the defective tool.*

Samples and Tools:

If you send tools or samples to us, please include instructions for the work you want done as well as your name, address, phone number and payment information. Without this information, we cannot begin your work.

Contact Us:

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This catalog supersedes all previous catalogs



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When possible, reamers and headspace Gauges are made to SAAMI specs . If only CIP lists a specific caliber, reamers and headspace Gauges are made to those specs. Calibers not listed by SAAMI or CIP are made to the designer's or most common specifications.



RIMLESS CALIBERS

(Continued on next page)

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
204 Ruger	x	\$160.00	x	\$200.00
22 BR	x	\$170.00	x	\$210.00
22 PPC	x	\$170.00	x	\$210.00
221 Remington	x	\$150.00	x	\$190.00
222 Remington	x	\$150.00	x	\$190.00
222 Remington Magnum	x	\$150.00	x	\$190.00
223 Remington	x	\$150.00	x	\$190.00
223 WSSM	x	\$275.00	x	\$315.00
220 Swift	x	\$150.00	x	\$190.00
22-250 Remington	x	\$150.00	x	\$190.00
5.56 NATO	x	\$150.00	x	\$190.00
243 Winchester	x	\$150.00	x	\$190.00
243 WSSM	x	\$275.00	x	\$315.00
6MM BR	x	\$150.00	x	\$190.00
6MM PPC	x	\$170.00	x	\$210.00
6MM GT	N/A	N/A	x	\$210.00
6MM ARC	N/A	N/A	x	\$210.00
6MM-284	x	\$170.00	x	\$210.00
6MM Remington	x	\$170.00	x	\$210.00
6X45MM	x	\$170.00	x	\$210.00
250 Savage	x	\$275.00	x	\$315.00
25-06 Remington	x	\$150.00	x	\$190.00
257 Roberts	x	\$170.00	x	\$210.00
260 Remington	x	\$150.00	x	\$190.00
6.5-284	x	\$170.00	x	\$210.00
6.5X47 Lapua	x	\$170.00	x	\$210.00
6.5X55 Swedish	x	\$170.00	x	\$210.00
6.5-06 A-Square	x	\$170.00	x	\$210.00
270 Winchester	x	\$150.00	x	\$190.00
284 Winchester	x	\$150.00	x	\$190.00
6.8Western	x	\$170.00	x	\$210.00
7X57	x	\$170.00	x	\$210.00
7MM BR	x	\$275.00	x	\$315.00
7MM-08 Remington	x	\$150.00	x	\$190.00
280 Remington	x	\$170.00	x	\$210.00
7.62X39	x	\$150.00	x	\$190.00
30 Carbine	x	\$170.00	x	\$210.00
300 Savage	x	\$170.00	x	\$210.00
300 Winchester Short Magnum	x	\$150.00	x	\$190.00
300 Remington Ultra Magnum	x	\$170.00	x	\$210.00



30-06 Springfield	x	\$150.00	x	\$190.00
308 Winchester	x	\$150.00	x	\$190.00
8MM Mauser	x	\$170.00	x	\$210.00
8MM-06	x	\$275.00	x	\$315.00
338-06 A-Square	x	\$170.00	x	\$210.00
350 Legend	x	\$170.00	x	\$210.00
35 Whelen	x	\$170.00	x	\$210.00
358 Winchester	x	\$170.00	x	\$210.00



RIMMED CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
22 Hornet	x	\$160.00	x	\$200.00
22 K Hornet	x	\$170.00	x	\$210.00
25-20 Winchester	x	\$170.00	x	\$210.00
7-30 Waters	x	\$170.00	x	\$210.00
30-30 Winchester	x	\$170.00	x	\$210.00
30-40 Krag	x	\$170.00	x	\$210.00
303 British	x	\$275.00	x	\$315.00
7.62X54 R	x	\$170.00	x	\$210.00
32-20 Winchester	x	\$160.00	x	\$200.00
32-40 Winchester	x	\$275.00	x	\$315.00
38-55 McPherson	x	\$170.00	x	\$210.00
40-65 Winchester	x	\$170.00	x	\$210.00
444 Marlin (Micro)	x	\$275.00	x	\$315.00
444 Marlin (Standard)	x	\$275.00	x	\$315.00
44-40 Winchester	x	\$170.00	x	\$210.00
45-70 Govt	x	\$170.00	x	\$210.00
45-90	x	\$170.00	x	\$210.00

BELTED CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
6.5 Remington Magnum	x	\$275.00	x	\$315.00
264 Winchester Magnum	x	\$185.00	x	\$225.00
7MM Remington Magnum	x	\$170.00	x	\$210.00
7MM STW	x	\$185.00	x	\$225.00
300 H&H Magnum	x	\$185.00	x	\$225.00
300 Winchester Magnum	x	\$170.00	x	\$210.00
30-338 Winchester Magnum	x	\$275.00	x	\$315.00
8MM Remington Magnum	x	\$275.00	x	\$315.00
338 Winchester Magnum	x	\$185.00	x	\$225.00
350 Remington Magnum	x	\$275.00	x	\$315.00
375 H&H Magnum	x	\$185.00	x	\$225.00
416 Remington Magnum	x	\$275.00	x	\$315.00
458 Winchester Magnum	x	\$275.00	x	\$315.00





ACKLEY IMPROVED CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
223 Ackley Improved	x	\$165.00	x	\$205.00
220 Swift Ackley Improved	x	\$175.00	x	\$215.00
22-250 Ackley Improved	x	\$165.00	x	\$205.00
243 Ackley Improved	x	\$165.00	x	\$205.00
244 Ackley Improved	x	\$275.00	x	\$315.00
6MM BRA (6 BR-Ackley Improved)	N/A	N/A	x	\$215.00
250 Savage Ackley Improved	x	\$175.00	x	\$215.00
25-06 Ackley Improved	x	\$175.00	x	\$215.00
257 Ackley Improved	x	\$175.00	x	\$215.00
6.5X55 Ackley Improved	x	\$175.00	x	\$215.00
260 Rem Ackley Improved	N/A	N/A	x	\$215.00
7X57 Ackley Improved	x	\$275.00	x	\$315.00
280 Ackley Improved	x	\$165.00	x	\$205.00
30-06 Ackley Improved	x	\$175.00	x	\$215.00
35 Whelen Ackley Improved	x	\$175.00	x	\$215.00
30-30 Ackley Improved	x	\$175.00	x	\$215.00



WEATHERBY CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
240 Weatherby	x	\$190.00	x	\$230.00
257 Weatherby	x	\$180.00	x	\$220.00
270 Weatherby	x	\$190.00	x	\$230.00
7MM Weatherby	x	\$190.00	x	\$230.00
300 Weatherby	x	\$180.00	x	\$220.00
340 Weatherby	x	\$190.00	x	\$230.00
375 Weatherby	x	\$275.00	x	\$315.00
30-378 Weatherby	x	\$190.00	x	\$230.00
338-378 Weatherby	N/A	N/A	x	\$230.00
378 Weatherby	x	\$190.00	x	\$230.00
416 Weatherby	x	\$275.00	x	\$315.00
460 Weatherby	x	\$275.00	x	\$315.00



ADDITIONAL CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
17 Winchester Super Magnum	x	\$170.00	x	\$210.00
17 Hornet (Hornady)	x	\$170.00	x	\$210.00
17 Remington	x	\$170.00	x	\$210.00
17 Fireball	x	\$170.00	x	\$210.00
5.45X39	x	\$170.00	x	\$210.00
22 ARC Hornady	N/A	N/A	X	\$210.00
22 Creedmoor	x	\$170.00	x	\$210.00
22 Nosler	x	\$170.00	x	\$210.00
223 Wyld	x	\$170.00	x	\$210.00
223 Remington Fullbore T.15	N/A	N/A	x	\$210.00
224 Valkyrie	x	\$170.00	x	\$210.00
6MM Dasher	x	\$170.00	x	\$210.00
6MM Creedmoor	x	\$170.00	x	\$210.00
6MM XC	x	\$170.00	x	\$210.00
25-6.5 PRC	N/A	N/A	x	\$210.00
25-6.5 Creedmoor	N/A	N/A	x	\$210.00
26 Nosler	x	\$170.00	x	\$210.00
6.5 Creedmoor	x	\$170.00	x	\$210.00
6.5 Grendel	x	\$170.00	x	\$210.00
6.5 PRC	N/A	N/A	x	\$210.00
6.5 RSAUM	N/A	N/A		\$210.00
6.8 Remington SPC II	x	\$170.00	x	\$210.00
270 WSM	x	\$170.00	x	\$210.00
28 Nosler	x	\$170.00	x	\$210.00
7MM WSM	x	\$170.00	x	\$210.00
7 PRC	N/A	N/A	x	\$210.00
7MM Remington Ultra Magnum	x	\$170.00	x	\$210.00
7MM Remington SAUM	x	\$170.00	x	\$210.00
7.62 NATO	x	\$170.00	x	\$210.00
7.62X25 TOK	x	\$170.00	x	\$210.00
30 Nosler	x	\$170.00	x	\$210.00
300 AAC Blackout	x	\$170.00	x	\$210.00
300 Remington SAUM	x	\$170.00	x	\$210.00
300 Norma Magnum	x	\$170.00	x	\$210.00
300 PRC	N/A	N/A	x	\$210.00
308 Match M-852	x	\$170.00	x	\$210.00
308 Winchester 2013 FTR Team	N/A	N/A	x	\$210.00
308 Winchester 2019 Fullbore T.30	N/A	N/A	x	\$210.00
325 WSM	x	\$275.00	x	\$315.00
338 Federal	x	\$180.00	x	\$220.00
338 Lapua Magnum	x	\$180.00	x	\$220.00
338 Remington Ultra Magnum	x	\$180.00	x	\$220.00
9.3X62	x	\$180.00	x	\$220.00
8.6 Blackout	N/A	N/A	x	\$210.00
375 Ruger	x	\$180.00	x	\$220.00
38-40 Winchester	x	\$170.00	x	\$210.00
416 Rigby	x	\$210.00	x	\$250.00
450 Bushmaster	x	\$170.00	x	\$210.00
454 Casull	x	\$210.00	x	\$250.00
458 Lott	x	\$210.00	x	\$250.00
50 Browning	x	\$250.00	x	\$290.00





RIMLESS PISTOL CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
9MM Luger	x	\$120.00	x	\$160.00
9X23	x	\$135.00	x	\$175.00
357 Sig	x	\$135.00	x	\$175.00
380 Auto	x	\$135.00	x	\$175.00
40 S&W	x	\$135.00	x	\$175.00
10MM Auto	x	\$120.00	x	\$160.00
45 Auto	x	\$120.00	x	\$160.00

RIMMED PISTOL CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
32 Auto	x	\$130.00	x	\$170.00
357 Max	x	\$130.00	x	\$170.00
357 Magnum	x	\$120.00	x	\$160.00
38 Special	x	\$130.00	x	\$170.00
38 Super Nonte	x	\$120.00	x	\$160.00
41 Magnum	x	\$130.00	x	\$170.00
44 S&W Special	x	\$130.00	x	\$170.00
44 Remington Magnum	x	\$130.00	x	\$170.00
45 Colt	x	\$130.00	x	\$170.00
32 H&R Magnum (Harrington & Richardson)	N/A	N/A	x	\$170.00



RIMFIRE CALIBERS

Description <u>CHAMBER REAMERS</u>	Solid Pilot	Price	Removable (Live) Pilot	Price
22 LR	x	\$105.00	x	\$145.00
22 Match	x	\$105.00	x	\$145.00
22 Bentz	x	\$105.00	x	\$145.00
22 Short	x	\$105.00	x	\$145.00
22 WMR	x	\$105.00	x	\$145.00
17 HMR (Hornady Magnum Rimfire)	x	\$125.00	x	\$165.00
17 HMR (Liner)	x	\$125.00	x	\$165.00
17 M-2 (Barrel) (B)	x	\$125.00	x	\$165.00
17 M-2 (Liner)	x	\$125.00	x	\$165.00



When possible, reamers and Headspace Gauges are made to SAAMI specs . If only CIP lists a specific caliber, reamers and Headspace Gauges are made to those specs. Calibers not listed by SAAMI or CIP are made to the designer's or most common specifications.



RIMLESS CALIBERS

Description <u>HEADSPACE GAUGES</u>	GO	NO GO	FIELD	Price (EACH)
204 Ruger	X	X	X	\$55.00
BR (Bench Rest)	X	X	X	\$55.00
PPC (Palmisano Pindell Cartridge)	X	X	X	\$55.00
221 Remington / 300 Blackout	X	X	X	\$55.00
222 Remington	X	X	X	\$55.00
222 Remington Magnum	X	X	X	\$55.00
223 Remington	X	X	X	\$55.00
223 WSSM (Win Super Short Mag)	X	X	N/A	\$55.00
220 Swift	X	X	X	\$55.00
22-250 Remington	X	X	X	\$55.00
5.56 NATO	X	X	X	\$55.00
6MM GT	X	X	N/A	\$55.00
6MM ARC (Adv. Rifle Cartridge)	X	X	X	\$55.00
6MM Remington	X	X	X	\$55.00
250 Savage	X	X	X	\$55.00
6.5X47 Lapua	X	X	X	\$55.00
6.5X55 Swedish	X	X	N/A	\$55.00
284 Winchester	X	X	X	\$55.00
6.8Western	X	X	X	\$55.00
7X57 Mauser	X	X	X	\$55.00
280 Remington	X	X	X	\$55.00
7.62X39 SAAMI	X	X	X	\$55.00
30 Carbine	X	X	X	\$55.00
300 Savage	X	X	X	\$55.00
300 Winchester Short Magnum	X	X	X	\$55.00
300 Remington Ultra Magnum	X	X	X	\$55.00
30-06 Springfield	X	X	X	\$55.00
308 Winchester	X	X	X	\$55.00
8MM Mauser	X	X	X	\$55.00
350 Legend	X	X	N/A	\$55.00



RIMMED CALIBERS

Description <u>HEADSPACE GAUGES</u>	GO	NO GO	Price (EACH)
22 Hornet	X	X	\$60.00
25-20 Winchester	X	X	\$60.00
30-30 Winchester	X	X	\$60.00
30-40 Krag	X	X	\$60.00
7.62X54 R	X	X	\$60.00
444 Marlin	X	X	\$60.00
44-40 Winchester	X	X	\$60.00
45-70 Govt	X	X	\$60.00



BELTED CALIBERS

Description <u>HEADSPACE GAUGES</u>	GO	NO GO	Price (EACH)
6.5 Remington Magnum	X	X	\$55.00
264 Winchester Magnum	X	X	\$55.00
7MM Remington Magnum	X	X	\$55.00
7MM STW (Shooting times Western)	X	X	\$55.00
300 H&H Magnum	X	X	\$55.00
300 Winchester Magnum	X	X	\$55.00
30-338 Winchester Magnum	X	X	\$55.00
8MM Remington Magnum	X	X	\$55.00
338 Winchester Magnum	X	X	\$55.00
350 Remington Magnum	X	X	\$55.00
375 H&H Magnum (Holland & Holland)	X	X	\$55.00
416 Remington Magnum	X	X	\$55.00
458 Winchester Magnum	X	X	\$55.00

Note: In most cases, belted calibers share a standard "belted" GO & NOGO Headspace Gauge due to the commonality between the .535" Base Diameter.





ACKLEY IMPROVED CALIBERS

Description <u>HEADSPACE GAUGES</u>	GO	NO GO	Price (EACH)
223 Ackley Improved	x	N/A	\$55.00
220 Swift Ackley Improved	x	N/A	\$55.00
22-250 Ackley Improved	x	N/A	\$55.00
308/243 Ackley Improved	x	N/A	\$55.00
244 Ackley Improved	x	N/A	\$55.00
250 Savage Ackley Improved	x	N/A	\$55.00
6.5X55 Ackley Improved	x	N/A	\$55.00
7X57 Ackley Improved	x	N/A	\$55.00
280 Ackley Improved	x	x	\$55.00
30-06 Ackley Improved	x	N/A	\$55.00
30-30 Ackley Improved	x	N/A	\$55.00

Note: In most cases, the caliber's standard GO Gauge is used as a NOGO Gauge. See Interchangeability Chart on Page 11 for details.



WEATHERBY CALIBERS

Description <u>HEADSPACE GAUGES</u>	GO	NO GO	Price (EACH)
240 Weatherby	x	x	\$65.00
257 Weatherby *	x	x	\$55.00
270 Weatherby *	x	x	\$55.00
7MM Weatherby *	x	x	\$55.00
300 Weatherby *	x	x	\$55.00
340 Weatherby *	x	x	\$55.00
375 Weatherby *	x	x	\$55.00
378 Weatherby	x	x	\$55.00

Note: * uses standard belted headspace gauge



ADDITIONAL CALIBERS

Description HEADSPACE GAUGES	GO	NO GO	FIELD	Price (EACH)
17 Winchester Super Magnum	x	x	N/A	\$55.00
17 Remington	x	x	N/A	\$55.00
17 Fireball	x	x	N/A	\$55.00
5.45X39	x	x	x	\$55.00
22 Nosler	x	x	N/A	\$55.00
224 Valkyrie	x	x	N/A	\$55.00
6MM Dasher	x	x	N/A	\$55.00
6MM XC	x	x	N/A	\$55.00
26 Nosler	x	x	N/A	\$55.00
6.5 Creedmoor	x	x	N/A	\$55.00
6.5 Grendel	x	x	N/A	\$55.00
6.5 PRC (Prec. Rifle Cartridge)	x	x	N/A	\$55.00
6.8 Remington SPC II	x	x	N/A	\$55.00
7MM WSM	x	x	N/A	\$55.00
7 PRC	x	x	N/A	\$55.00
7.62 NATO	x	x	x	\$55.00
7.62X25 Tokarev	x	x	x	\$55.00
30 Nosler	x	x	N/A	\$55.00
300 Remington SAUM	x	x	N/A	\$55.00
300 Norma Magnum	x	x	N/A	\$55.00
300 PRC (Prec. Rifle Cartridge)	x	x	N/A	\$55.00
338 Lapua Magnum	x	x	x	\$55.00
338 Remington Ultra Magnum	x	x	N/A	\$55.00
8.6 Blackout	x	x	N/A	\$55.00
9.3X62	x	x	N/A	\$55.00
375 Ruger	x	x	N/A	\$55.00
416 Rigby	x	x	N/A	\$55.00
450 Bushmaster	x	x	N/A	\$55.00
458 Lott	x	x	N/A	\$55.00
50 Browning	x	x	x	\$90.00

Note: If you are having trouble finding the corresponding headspace gauge for your chamber reamer, try looking on the interchangeability chart found on page 11. Many calibers share common headspace, meaning a certain caliber headspace gauge may be able to be used on an additional caliber.



RIMFIRE CALIBERS

Description HEADSPACE GAUGES	GO	NO GO	Price (EACH)
22 LR (Long Rifle)	x	x	\$55.00
22 WMR (Winchester Magnum Rimfire)	x	x	\$55.00





RIMLESS PISTOL CALIBERS

Description <u>HEADSPACE GAUGES</u>	GO	NO GO	Price (EACH)
9MM Luger	X	X	\$55.00
9X23	X	X	\$55.00
357 Sig	X	X	\$55.00
380 Auto	X	X	\$55.00
40 S&W	X	X	\$55.00
10MM Auto	X	X	\$55.00
45 Auto	X	X	\$55.00



RIMMED PISTOL CALIBERS

Description <u>HEADSPACE GAUGES</u>	GO	NO GO	Price (EACH)
32 Auto	X	X	\$60.00
357 Magnum	X	X	\$60.00
38 Super Nonte	X	X	\$60.00
41 Magnum	X	X	\$60.00
44 Remington Magnum	X	X	\$60.00
45 Colt	X	X	\$60.00



Down & Dirty Sets

Description <u>DOWN & DIRTY HEADSPACE GAUGES</u>	GO, NOGO, & FIELD	Price (SET OF 3)
5.45 X 39	X	\$100.00
223 Remington	X	\$100.00
308 Winchester	X	\$100.00
30-06 Springfield	X	\$100.00
7.62 X 39 CIP	X	\$100.00

Down & Dirty Headspace Gauges made to the same exacting tolerances as our standard headspace Gauges--they're just not ground where they don't need to be. These Gauges are offered in the following calibers as 3-Gauge sets (GO, NO GO and Field) for 1/3 LESS than our standard Gauges.



HEADSPACE INTERCHANGEABILITY CHART

FOR THIS CALIBER:	USE THESE GAUGES:	FOR THIS CALIBER:	USE THESE GAUGES:
243 Winchester	308 Winchester	340 Weatherby	Belted Gauges
243 WSSM	223 WSSM	375 Weatherby	Belted Gauges
6MM BR	Standard BR	30-378 Weatherby	378-460 Weatherby
6MM PPC	Standard PPC	338-378 Weatherby	378-460 Weatherby
6MM-284	284 Winchester	416 Weatherby	378-460 Weatherby
6X45 MM	223 Remington	460 Weatherby	378-460 Weatherby
25-06 Remington	30-06 Springfield	17 Hornady Hornet	22 Hornet
257 Roberts	7X57 Mauser	22 Creedmoor	6.5 Creedmoor
260 Remington	308 Winchester	223 Wyld	223 Remington
6.5-284	284 Winchester	6MM Creedmoor	6.5 Creedmoor
6.5-06 A-Square	30-06 Springfield	270 WSM	300 WSM
270 Winchester	30-06 Springfield	28 Nosler	26 Nosler
7MM BR	Standard BR	7MM RUM	300 RUM
7MM-08 Remington	308 Winchester	7MM RSAUM	300 RSAUM
8MM-06	30-06 Springfield	300 AAC Blackout	221 Remington
338-06 A-Square	30-06 Springfield	308 Match M-852	308 Winchester
35 Whelen	30-06 Springfield	325 WSM	300 WSM
358 Winchester	308 Winchester	338 Federal	308 Winchester
22 K Hornet	22 Hornet	38-40 Winchester	44-40 Winchester
7-30 Waters	30-30 Winchester	454 Casull	45 Colt
303 British	30-40 Krag	458 Lott	Belted Gauges
32-20 Winchester	25-20 Winchester	45 Basic	45-70 Government
32-40 Winchester	30-30 Winchester	45-90 Match	45-70 Government
38-55 McPherson	30-30 Winchester	50 U.S. Ord. Match	50 Browning
45-90	45-70 Government	357 Max	357 Magnum
6.5 Rem Mag	Belted Gauges	38 Special	357 Magnum
264 Win Mag	Belted Gauges	44 S&W	44 Rem Mag
7MM Rem Mag	Belted Gauges	22 Match	22 LR
7MM STW	Belted Gauges	22 Bentz	22 LR
300 H&H	Belted Gauges	22 Short	22 LR
300 Win Mag	Belted Gauges	17 HMR	22 WMR
30-338 Win Mag	Belted Gauges	17 HMR (For Liner)	22 WMR
8MM Rem Mag	Belted Gauges	223 A.I. (NOGO)	223 Remington GO
338 Win Mag	Belted Gauges	220 Swift A.I. (NOGO)	220 Swift GO
350 Rem Mag	Belted Gauges	22-250 A.I. (NOGO)	22-250 GO
375 H&H	Belted Gauges	243 Win A.I. (NOGO)	243 Winchester GO
416 Rem Mag	Belted Gauges	244 A.I. (NOGO)	244 GO
458 Win Mag	Belted Gauges	250 Savage A.I. (NOGO)	250 Savage GO
257 Weatherby	Belted Gauges	6.5X55 A.I. (NOGO)	6.5X55 Swedish GO
270 Weatherby	Belted Gauges	7X57 A.I. (NOGO)	7X57 Mauser GO
7MM Weatherby	Belted Gauges	308 Win A.I. (NOGO)	308 Winchester GO
300 Weatherby	Belted Gauges	30-06 A.I. (NOGO)	30-06 Springfield GO

Note: In most cases, the caliber listed within this table will use the standard GO & NOGO Gauge provided. For Ackley Improved (A.I.) listed on this table, the Standard GO is used as a Ackley NOGO Gauge. Please contact us with any questions.





Specials & Wildcats

WE CAN MAKE IT ALL

If the caliber you are after is not listed in our catalog as a standard item, then we consider it to be a special reamer. Special reamers also include wildcat designs or any custom designed tooling, including re-sizing reamers. Special reamers and headspace gauges are typically not stocked and are made to a customer's specific order, often resulting in a longer than usual lead time. All special ordered chamber reamers will come with a free wooden storage box. If a reamer is too large or small for the wood box, it will come with a standard plastic tube. Specials & Wildcat Reamers start at \$230.00 for solid pilot & \$270.00 for removable pilot, with Headspace Gauges starting at \$90.00. All Special & Wildcat inquiries will be quoted on an individual basis, based on the complexity of the job. The most accurate and fastest way to start designing a special reamer is to visit the DESIGN A REAMER page on our website.

Below are some, but not all, of the popular special reamer calibers that we offer:

218 Ackley Bee	7-300 PRC	7 Blaser	6 BR-X
257 Blackbird	25 RSAUM	17 Ackley Bee	7MM SAW
6 TCU	6.5 TCM	25 Blaser	22 BRA
360 Buckhammer	338 Edge	25 Creedmoor	458 Socom
7 x 47 Lapua	338-06 Ackley Improved	25 Dasher	500 Nitro Express
7-08 Ackley Improved	6 SLR	30 Grendel	50 Beowulf
30-06 AI Foster Manson	277 Fury	416 Hellfire	400 Legend
8X57 CIP	44-77 BN	8X64 S CIP	22 TCM
429 Desert Eagle	32 S&W Long	30 Badger	7MM Creedmoor
20 Creedmoor	257 Blackjack	20 GT	270 SAW
40-82 Silhouette	470 Nitro Express	310 Cadet	223 Rem Match
356 TSW	30-06 FM Universal	450 Marlin	25 SAW

Specials Package: Order (1) special reamer, (1) Special GO Gauge, & (1) Special NOGO Gauge, and receive 50% off your NOGO Gauge.

ALTERATIONS & EXTRAS:

Description <u>ALTERATIONS & EXTRAS</u>	PRICE (EACH)	Comments:
Removable Pilot Installation	\$40.00	
Neck Diameter Alteration	\$50.00	
Throat & Neck Length Alteration	\$50.00	
Shoulder Angle Alteration	\$50.00	
Body Taper Alteration	\$50.00	
TiCN Coating	\$20.00	May add up to 2 weeks lead time
Manson Reamer Resharpener	TBD	Cost is 80% of new tool price
Non-Manson Reamer Resharpener	TBD	Cost is 80% of new tool price
Manson Taps or Choke Reamers Resharpener	\$70.00	
Oil Grooves in Spindle Installation	\$20.00	





THROATERS

Description <u>THROATERS</u>	Solid Pilot	Price (EACH)	Removable Pilot	Price (EACH)
17 Cal Throater	x	\$75.00	x	\$115.00
20 Cal Throater	x	\$75.00	x	\$115.00
22 Centerfire Throater	x	\$75.00	x	\$115.00
22 Rimfire Throater	x	\$75.00	x	\$115.00
6MM Throater	X	\$75.00	x	\$115.00
25 Cal Throater	X	\$75.00	x	\$115.00
6.5MM Throater	X	\$75.00	x	\$115.00
270 Cal Throater	x	\$75.00	x	\$115.00
7MM Throater	x	\$75.00	x	\$115.00
30 Cal Throater	x	\$75.00	x	\$115.00
303 Rifle/32 Pistol Throater	X	\$75.00	x	\$115.00
8MM Throater	x	\$75.00	x	\$115.00
338 Cal Throater	x	\$75.00	x	\$115.00
35 Pistol Throater	x	\$75.00	x	\$115.00
35 (358) Rifle Throater	x	\$75.00	x	\$115.00
9.3MM Throater	x	\$75.00	x	\$115.00
375 Cal Throater	x	\$75.00	x	\$115.00
40 / 10MM Throater	x	\$75.00	x	\$115.00
40 Rifle/41 Pistol Throater	x	\$75.00	x	\$115.00
416 Cal Throater	x	\$75.00	x	\$115.00
44 Cal Throater	x	\$75.00	x	\$115.00
45 Pistol Throater	x	\$75.00	x	\$115.00
45 Rifle (458) Throater	x	\$75.00	x	\$115.00
50 Cal Pistol Throater	x	\$75.00	x	\$115.00
50 Cal Rifle Throater	x	\$75.00	x	\$115.00

NECK & THROATERS (Continued on next page)

Description <u>NECK & THROATERS</u>	Solid Pilot	Price (EACH)	Removable Pilot	Price (EACH)
20 Cal Neck & Throater	x	\$85.00	x	\$125.00
22 Centerfire Neck & Throater	x	\$85.00	x	\$125.00
6MM Neck & Throater	x	\$85.00	x	\$125.00
25 Cal Neck & Throater	x	\$85.00	x	\$125.00
6.5MM Neck & Throater	x	\$85.00	x	\$125.00
270 Cal Neck & Throater	x	\$85.00	x	\$125.00
7MM Neck & Throater	x	\$85.00	x	\$125.00
30 Cal Neck & Throater	x	\$85.00	x	\$125.00
8MM Neck & Throater	x	\$85.00	x	\$125.00



338 Cal Neck & Throater	x	\$85.00	x	\$125.00
35 Cal Neck & Throater	x	\$85.00	x	\$125.00
375 Cal Neck & Throater	x	\$85.00	x	\$125.00
416 Cal Neck & Throater	x	\$85.00	x	\$125.00
45 Rifle Neck & Throater	x	\$85.00	x	\$125.00
9.3MM Neck & Throater	x	\$85.00	x	\$125.00

NECK SIZERS

Description <u>NECK SIZERS</u>	Solid Pilot	Price (EACH)	Removable Pilot	Price (EACH)
20 Cal Neck Sizer	x	\$85.00	x	\$125.00
22 Centerfire Neck Sizer	x	\$85.00	x	\$125.00
6MM Neck Sizer	x	\$85.00	x	\$125.00
25 Cal Neck Sizer	x	\$85.00	x	\$125.00
6.5MM Neck Sizer	x	\$85.00	x	\$125.00
270 Cal Neck Sizer	x	\$85.00	x	\$125.00
7MM Neck Sizer	x	\$85.00	x	\$125.00
30 Cal Neck Sizer	x	\$85.00	x	\$125.00
8MM Neck Sizer	x	\$85.00	x	\$125.00
338 Cal Neck Sizer	x	\$85.00	x	\$125.00
358 Cal Neck Sizer	x	\$85.00	x	\$125.00
375 Cal Neck Sizer	x	\$85.00	x	\$125.00
416 Cal Neck Sizer	x	\$85.00	x	\$125.00

MUZZLE BRAKE REAMERS

Description <u>Muzzle Brake Reamers</u>	Solid Pilot	Price (EACH)	Removable Pilot	Price (EACH)
22 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00
6MM Muzzle Brake Reamer	x	\$85.00	x	\$125.00
25 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00
6.5MM Muzzle Brake Reamer	x	\$85.00	x	\$125.00
270 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00
7MM Muzzle Brake Reamer	x	\$85.00	x	\$125.00
30 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00
8MM Muzzle Brake Reamer	x	\$85.00	x	\$125.00
338 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00
358 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00
375 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00
416 Cal Muzzle Brake Reamer	x	\$85.00	x	\$125.00





CYLINDER THROATING REAMERS

Description <u>CYLINDER THROATING REAMERS</u>	Solid Pilot	Price (EACH)	Removable Pilot	Price (EACH)
32 Cal Cylinder Throating Reamer with .3090" Bushing	N/A	N/A	x	\$155.00
357 Cal Cylinder Throating Reamer with .3540" Bushing	N/A	N/A	x	\$155.00
38-40 Cal Cylinder Throating Reamer with .3960" Bushing	N/A	N/A	x	\$155.00
41 Cal Cylinder Throating Reamer with .4070" Bushing	N/A	N/A	x	\$155.00
44 Cal Cylinder Throating Reamer with .4270" Bushing	N/A	N/A	x	\$155.00
45 Cal Cylinder Throating Reamer with .4480" Bushing	N/A	N/A	x	\$155.00



CYLINDER PILOT BUSHINGS

Description <u>STANDARD CYLINDER PILOT BUSHINGS</u>	Price (Each)	Pilot Pack Includes:
Individual Cylinder Pilot Bushings	\$15.00	Available in any of the below sizes
32 Cal Cylinder Pilot Pack - 6 piece set	\$90.00	.3095, .3100, .3105, .3110, .3115, .3120
357 Cal Cylinder Pilot Pack - 6 piece set	\$90.00	.3545, .3550, .3555, .3560, .3565, .3570
38-40 Cal Cylinder Pilot Pack - 6 piece set	\$90.00	.3965, .3970, .3975, .3980, .3985, .3990
41 Cal Cylinder Pilot Pack - 6 piece set	\$90.00	.4075, .4080, .4085, .4090, .4095, .4100
44 Cal Cylinder Pilot Pack - 6 piece set	\$90.00	.4275, .4280, .4285, .4290, .4295, .4300
45 Cal Cylinder Pilot Pack - 6 piece set	\$90.00	.4485, .4490, .4495, .4500, .4505, .4510

CYLINDER DE-LEADING TOOL

Description <u>CYLINDER DE-LEADING TOOL</u>	Price (Each)	Comments:
357 Cal De-Leading Tool	\$125.00	SOLID PILOT ONLY
44 Cal De-Leading Tool	\$125.00	SOLID PILOT ONLY

SCOPE RING ALIGNMENT REAMERS

Description <u>Scope Ring Alignment Reamers</u>	Price (Each)	Comments:
1.000" Scope Ring Alignment Reamer	\$145.00	
30MM Scope Ring Alignment Reamer	\$165.00	
34MM or 35MM Scope Ring Alignment Reamer	\$215.00	Hex driver on both ends





HEADSPACE REAMERS

Description <u>HEADSPACE REAMERS</u>	Price (EACH)
308 Winchester (Reamer Only)	\$195.00
30-06 Springfield (Reamer Only)	\$195.00
30 Carbine (Reamer Only)	\$195.00
7.62 NATO (Reamer Only)	\$195.00
M-852 Match (Reamer Only)	\$195.00
308 Winchester (Complete Set)	\$250.00
30-06 Springfield (Complete Set)	\$250.00
30 Carbine (Complete Set)	\$240.00
Thrust Bushing Only	\$35.00
Extension Rod Only	\$50.00

Complete sets include reamer, thrust bushing, and extension rod. There is no bushing for the 30 Carbine.



SPECIALIZED CUTTERS

Description <u>SPECIALIZED CUTTERS</u>	Solid Pilot	Price (EACH)	Removable Pilot	Price (EACH)
96 Degree Feed Cone Reamer (Available in Spindle Size: #0, #1, #2, #3, & #4)	N/A	N/A	x	\$130.00
Bolt Body Counter Bore (Available in Spindle Size: #0, #1, #2, #3, & #4)	N/A	N/A	x	\$130.00
Piloted Center Drill (Available in Spindle Size: #0, #1, #2, #3, & #4)	N/A	N/A	x	\$130.00
11 Degree Muzzle Crown Cutter (Available in Spindle Size: #0, #1, #2, #3, & #4)	N/A	N/A	x	\$130.00

NOTE: All reamers & specialized cutters utilizing removable pilots have five different sizes to cover the bore diameters common in gunsmithing. Bushings from most other reamer makers fit these spindles.

Spindle Size	Calibers Covered	Bushings
#0	17 thru 20 Caliber	For: 17 or 20 Caliber
#1	22 Cal thru 6 MM	For: 22 Cal or 6 MM
#2	25 Cal thru 7 MM	For: 25 Cal, 6.5 MM, 270 Cal, 7 MM
#3	30 Cal thru 475 Caliber	For: 30 Cal, 8 MM, 338 Cal, 358 Cal, 9.3 MM, 375 Cal, 40/10 MM, 416 Cal, 44 Cal, 45 Pistol, 458 Cal, 475 Cal
#4	50 Caliber	For 50 Cal or 510 Cal





MUZZLE CROWNING TOOL KIT

Description Muzzle <u>Crowning Tool Kits</u>	Price (EACH)	Each Kit Includes:
Muzzle Crowning Tool Kit with 2 Pilots	\$385.00	0 DEG & 11 DEG Cutter, Manual Driver, 2 PILOTS, User Manual, Protective Case, and Hardware.
Muzzle Crowning Tool Kit with 2 Pilots Including Deburring Cutter	\$450.00	0 DEG, 11 DEG & 45 DEG Deburring Cutter, Manual Driver, 2 PILOTS, User Manual, Protective Case, and Hardware.
Muzzle Crowning Tool Kit with 5 Pilots	\$500.00	0 DEG & 11 DEG Cutter, Manual Driver, 5 PILOTS, User Manual, Protective Case, and Hardware.
Muzzle Crowning Tool Kit with 5 Pilots Including Deburring Cutter	\$565.00	0 DEG, 11 DEG & 45 DEG Deburring Cutter, Manual Driver, 5 PILOTS, User Manual, Protective Case, and Hardware.
Muzzle Crowning Tool Kit with 7 Pilots	\$590.00	0 DEG & 11 DEG Cutter, Manual Driver, 7 PILOTS, User Manual, Protective Case, and Hardware.
Muzzle Crowning Tool Kit with 7 Pilots Including Deburring Cutter	\$655.00	0 DEG, 11 DEG & 45 DEG Deburring Cutter, Manual Driver, 7 PILOTS, User Manual, Protective Case, and Hardware.
Muzzle Crowning Tool Kit with 10 Pilots	\$705.00	0 DEG & 11 DEG Cutter, Manual Driver, 10 PILOTS, User Manual, Protective Case, and Hardware.
Muzzle Crowning Tool Kit with 10 Pilots Including Deburring Cutter	\$770.00	0 DEG, 11 DEG & 45 DEG Deburring Cutter, Manual Driver, 10 PILOTS, User Manual, Protective Case, and Hardware.





INDIVIDUAL MUZZLE CROWN COMPONENTS

Description <u>Muzzle Crown Kit Components</u>	Price (EACH)	Comments
0 Degree Cutter	\$95.00	
11 Degree Cutter	\$95.00	
45 Degree Deburring Cutter	\$95.00	
Standard Pilot Assemblies	\$85.00	Available in: 22 Cal, 6MM, 25 Cal, 6.5MM, 270 Cal, 7MM, 30 Cal, 8MM, 338 Cal, 357/358 Cal, 375 Cal, 40/10MM, 416 Cal, 44 Cal, 45 Pistol, 458, 50 Cal
Manual Driver Assembly	\$95.00	
0 Degree Crowning Cutter for 17 Cal	\$130.00	
11 Degree Crowning Cutter for 17 Cal	\$130.00	
0 Degree Crowning Cutter for 20 Cal	\$130.00	
11 Degree Crowning Cutter for 20 Cal	\$130.00	
Protective Case	\$25.00	
Carbide Replacement Blades	\$45.00	Available for \$15 Each or \$45.00 for set of 3
Cleaning Brush	\$4.00	
5/64" Hex Wrench	\$8.00	
1/8" Pilot Wrench	\$8.00	
Set Up Gauge	\$8.00	
0 Degree Polishing Bob	\$25.00	
11 Degree Polishing Bob	\$25.00	
Felt Discs (12 pack)	\$10.00	

Developed from auto racing technology, the Muzzle Crown Refacing Tools allow you to cut or re-cut a precision crown without removing the barreled action from the stock. A hand operation that's complete in less than five minutes, these tools will make money for you while restoring a gun's accuracy lost due to a damaged crown. The carbide inserts cut smoothly, last indefinitely, and are easily replaced if damaged.





MILITARY MUZZLE CROWNING KIT

Description <u>Military Muzzle Crowning Kit</u>	Price (EACH)	Comments
Military Rifle Muzzle Re-Crowning Tool Kit	\$190.00	Standard Pilot Assembly, Muzzle Crowning Cutter (Specify 0 or 11 deg), Driver Adaptor, One Ball-End Hex Bit.
Military Power Drive Adaptor Only	\$55.00	
Complete Polishing Kit	\$60.00	Polishing Bob (specify angle), Adaptor Body, (12) Felt Discs, Ball-end Hex Bit
Mini Polishing Kit	\$40.00	Polishing Bob (specify angle), (12) Felt Discs

Our Muzzle Crown Refacing Tool Kit has proven very popular in that a barrel may be precisely re-crowned by hand, without a lathe, or even having to remove the action from the stock. The Military Rifle Re-Crowning Tool Kit is a basic Kit, utilizing only those components absolutely necessary to re-crowning a damaged or worn muzzle - as is often seen on old military rifles. To reduce the cost of the Kit further, we designed a simplified Driver Adaptor that is driven by a low speed (less than 300 RPM) cordless drill motor, with a ball-end Hex Bit to ensure proper alignment. Please note that all standard Muzzle Crown Kit components will work with the Military Kit. For example, if you want to crown other calibers, simply order the appropriate Pilot Assemblies.

While most customers consider re-crowning complete after using our Muzzle Crown cutters, some have asked us to develop tooling that allows the crown to be polished without losing any of the precision of the cut crown. Polishing a crown requires that the same Pilot Assembly be used to guide the Polishing Bob as was used to pilot the Cutter to ensure the polished crown is concentric. The Bobs match the angles of the Cutters (0-degree and 11-degree). Their front surfaces are covered with self-adhesive felt discs that carry polishing abrasive. Bobs are driven by an Adaptor Body, which in turn is driven by a ball-end Hex Bit to be used in your cordless drill motor. Note: If you already have our Military Rifle Re-Crowning Kit, the Adaptor Body and Hex Bit are included, so you don't need to purchase these items to polish crowns.



FLOATING REAMER HOLDER

Description	Price (EACH)	Comments
<u>FLOATING REAMER HOLDER</u>		
Floating Reamer Holder with 1 Shank (Excludes #4 Shank)	\$165.00	Includes: Floating Reamer Holder and 1 Shank Size Options: 1/2", #2, or #3
Floating Reamer Holder with #4 Shank	\$195.00	
1/2" Straight Shank Only	\$40.00	
#2 M.T. Shank Only	\$40.00	
#3 M.T. Shank Only	\$40.00	
#4 M.T. Shank Only	\$65.00	
1/4" I.D. Adaptor Bushing	\$35.00	

Low-mass, interchangeable-shank design. Smoother operation and easier adjustment than previous designs.



Gritters-Type Indicating Rods ("Grizzly" Rods)

Description	Price (EACH)	Comments
<u>GRITTERS-TYPE INDICATING RODS</u>		
#0 Indicating Rod	\$70.00	For 17 & 20 Cal
#1 Indicating Rod	\$70.00	For 22 Cal through 6MM
#2 Indicating Rod	\$70.00	For 25 Cal through 7MM
#3 Indicating Rod	\$70.00	For 30 Cal through 470 Cal
#4 Indicating Rod	\$70.00	For 50 & 510 Cal

Note: Pilot Bushings Sold Separately.

Note: These are used differently than traditional, tapered indicating rods. We highly recommend purchasing the video "Chambering a Championship Match Barrel", by Gordy Gritters. It is available from Grizzly.com #H8396.



Viper's Venom Cutting Oil

Description	Price (EACH)	Comments
<u>VIPER'S VENOM CUTTING OIL</u>		
Viper's Venom 12 Oz. Bottle	\$9.99	
Viper's Venom 32 Oz. Bottle	\$24.99	

Specially formulated for cutting all ferrous metals, tapping, threading, and reaming. Viper's Venom works extremely well when threading or reaming stainless steel rifle barrels due to its extreme lubricity factor and cooling properties.



Description	Price (EACH)	Comments
<u>VIPER BARREL VISE</u>		
Viper Barrel Vise	\$69.99	

The Viper Barrel Vise is a high-quality barrel vise that can be used for a variety of applications. The powder coated finish provides protection to the tool and a sleek, clean look. This items pairs well with the Manson Muzzle Crowning Tool Kits.



T-HANDLES

Description <u>T-HANDLES</u>	Price (EACH)	Comments
Throater T-Handle (1/4" Shank)	\$50.00	
Rifle T-Handle (7/16" Shank)	\$55.00	



MUZZLE CENTERING PLUGS

Description <u>MUZZLE CENTERING PLUGS</u>	Price (EACH)	Comments
Muzzle Centering Plug Set	\$595.00	Set covers 22 Cal - 50 Cal bores and Includes one Bushing each
#1A Muzzle Centering Plug	\$95.00	
#1B Muzzle Centering Plug	\$95.00	
#2A Muzzle Centering Plug	\$95.00	
#2B Muzzle Centering Plug	\$95.00	
#3A Muzzle Centering Plug	\$95.00	
#3B Muzzle Centering Plug	\$95.00	
#4 Muzzle Centering Plug	\$95.00	



1911 Tooling

Description <u>1911 Tooling</u>	Price (EACH)	Comments
45 ACP .906" Gauge with Flag	\$55.00	Optimum length
Government & Officer's Rivet Plate	\$40.00	Provides rigid backup when riveting grip-frame bushings. Plate has spacing for both Government/Commander and Officer's models,





ACCURIZING & RECEIVER TRUING TOOLING

Description <u>ACCURIZING & RECEIVER TRUING TOOLING</u>	Price (EACH)	Comments
Complete Accurizing System - Standard	\$560.00	Kit includes: Remington 700 Receiver Reamer & Piloted Tap, Two Tapered Bushings, Wood Storage Box
Complete Accurizing System - Oversized	\$610.00	Kit includes: Oversized Remington 700 Receiver Reamer & Piloted Tap, Two Tapered Bushings, Recoil Lug Reamer, & Wood Storage Box
Remington 700 Piloted Tap - Standard 1-1/16"-16 Less Bushings	\$275.00	TiCN - Coated 1 1/16" - 16 - NO BUSHINGS
Remington 700 Piloted Tap - Standard 1-1/16"-16 W/ BUSHINGS	\$330.00	TiCN - Coated 1 1/16" - 16 with two hardened, tapered pilot bushings
Remington 700 Piloted Tap - Oversized 1-1/16"-16 +.010" Less Bushings	\$275.00	TiCN - Coated 1 1/16" - 16 + .010" - NO BUSHINGS
Remington 700 Piloted Tap - Oversized 1-1/16"-16 +.010" W/ BUSHINGS	\$330.00	TiCN - Coated 1 1/16" - 16 + .010" with two hardened, tapered pilot bushings
Remington Receiver Reamer - Standard 1 1/16"-16 Threads	\$210.00	
Remington Receiver Reamer - Oversized 1 1/16"-16 + .010" Threads	\$210.00	
Remington Recoil Lug Reamer	\$130.00	To open recoil lug to fit oversized barrel shank



ADDITIONAL RECEIVER TRUING TOOLING

(Continued on next page)

Description <u>ADDITIONAL RECEIVER TRUING TOOLING</u>	Price (EACH)	Comments
Receiver Ring Cutter	\$130.00	
Receiver Ring Cutter - Replacement Blades	\$45.00	\$15.00 each, or \$45.00 For Set of 3
Boltway Reamer - .710"	\$245.00	
Boltway Reamer - .715"	\$245.00	
Remington Bolt False Center	\$65.00	
Winchester Bolt Face Truing Tooling Block - 1"-16 Thread	\$155.00	
Winchester Bolt Face Truing Tooling Block - Fine Thread	\$155.00	
Rem Bolt Face Truing Tooling Block - 1 1/16"-16 Thread	\$155.00	
Savage Bolt Face Truing Tooling Block - 1-1/8-20	\$155.00	



Savage Bolt Face Truing Tooling Block	\$155.00	
Mauser Small Ring Bolt Face Truing Tooling Block	\$155.00	
Carbide Bolt Face Squaring Burrs .378" for 223 Boltface	\$105.00	
Carbide Bolt Face Squaring Burrs .427" for SPC Boltface	\$105.00	
Carbide Bolt Face Squaring Burrs .446" for PPC Boltface	\$105.00	
Carbide Bolt Face Squaring Burrs .473" for Standard Boltface	\$105.00	
Carbide Bolt Face Squaring Burrs .537" for Magnum Boltface	\$105.00	
Carbide Bolt Face Squaring Burrs .550" for Jeffrey Boltface	\$105.00	
Carbide Bolt Face Squaring Burrs .590" Rigby/Lapua Boltface	\$115.00	



ACTION INDICATING

Description <u>ACTION INDICATING</u>	Price (EACH)	
Action Indicating Set	\$175.00	Includes Action Indicating Rod & 2 tapered bushings at .700" - .705"
Action Indicating Rod	\$140.00	
Set of 2 Tapered Bushings - .700" - .705"	\$90.00	Includes 2 tapered bushings at .700" - .705"
Set of 2 Tapered Bushings - .705" - .710"	\$90.00	Includes 2 tapered bushings at .705" - .710"





SCREW-IN CHOKE TOOLING

Description <u>SCREW-IN CHOKE TOOLING</u>	Price	Comments
12 Gauge Winchester Choke Reamer	\$195.00	
12 Gauge Winchester/Remington Choke Tap	\$215.00	Threads are TiCN Coated
12 Gauge Remington Choke Reamer	\$195.00	
20 Gauge Winchester Choke Reamer	\$195.00	
20 Gauge Winchester Choke Tap	\$215.00	Threads are TiCN Coated
12 Gauge Tru Choke Reamer	\$195.00	
20 Gauge Tru Choke Reamer	\$195.00	
12 Gauge Tru Choke Tap	\$240.00	Threads are TiCN Coated
20 Gauge Tru Choke Tap	\$240.00	Threads are TiCN Coated
12 Gauge Thinwall Reamer	\$195.00	
12 Gauge Thinwall Tap	\$240.00	Threads are TiCN Coated
12 GA Invector Plus Reamer	\$200.00	
12 GA Invector Plus Choke Tap	\$250.00	Threads are TiCN Coated

Note: All Shotgun Screw-In Choke Tooling are supplied without pilot bushings. For Shotgun Pilot Bushings, see the Shotgun Pilot Bushings section.



SHOTGUN CHAMBERING REAMERS

Description <u>SHOTGUN CHAMBER REAMERS</u>	Price	Comments
12 Gauge x 2-3/4" Chamber Reamer	\$170.00	
12 Gauge x 3" Chamber Reamer	\$170.00	
12 Gauge x 3-1/2" Chamber Reamer	\$170.00	
16 Gauge x 2-3/4" Chamber Reamer	\$170.00	
20 Gauge x 2-3/4" Chamber Reamer	\$170.00	
20 Gauge x 3" Chamber Reamer	\$170.00	
28 Gauge x 2-3/4" Chamber Reamer	\$170.00	
410 Gauge x 3" Chamber Reamer	\$170.00	

Note: All Shotgun Chambering Reamers are supplied without pilot bushings. For Shotgun Pilot Bushings, see the Shotgun Pilot Bushings section.





SHOTGUN HEADSPACE GAUGES

Description <u>SHOTGUN HEADSPACE GAUGES</u>	GO	NO GO	Price (EACH)
10 Gauge Headspace Gauge	X	X	\$60.00
12 Gauge Headspace Gauge	X	X	\$60.00
16 Gauge Headspace Gauge	X	X	\$60.00
20 Gauge Headspace Gauge	X	X	\$60.00
28 Gauge Headspace Gauge	X	X	\$60.00
410 Gauge Headspace Gauge	X	X	\$60.00



LONG FORCING CONE REAMERS

Description <u>LONG FORCING CONE REAMERS</u>	Price (Each)	Comments
12 Gauge Long Forcing Cone Reamer	\$150.00	
16 Gauge Long Forcing Cone Reamer	\$150.00	
20 Gauge Long Forcing Cone Reamer	\$150.00	
28 Gauge Long Forcing Cone Reamer	\$150.00	
410 Gauge Long Forcing Cone Reamer	\$150.00	
10 Gauge Long Forcing Cone Reamer	\$160.00	

Note: Left-hand Spiral, right-hand cutting; use with a standard tap handle. NOT FOR USE IN CHROME-PLATED BARRELS.



Shotgun Muzzle Facing Cutter

Description <u>MUZZLE FACING CUTTERS</u>	Price (Each)	Comments
Shotgun Muzzle Facing Cutter	\$120.00	Available with 0 or 11 Degree Cutters
Carbide Replacement Blades (Set of 3)	\$45.00	\$15 Each or \$45 for a set

Note: This tool utilizes replaceable carbide inserts to square muzzles of 10 through 20 Ga. Shotgun barrels quickly and smoothly. Available with 0 degree cutter for squaring muzzles or 11 degree cutter for I.D. chamfering. Uses 2"- long shotgun pilot bushings. Pilot bushings sold separately.

SHOTGUN BORE REAMERS



Description	Price (Each)
12 Gauge .725" Bore Reamer	\$135.00
12 Gauge .730" Bore Reamer	\$135.00
12 Gauge .735" Bore Reamer	\$135.00
12 Gauge .740" Bore Reamer	\$135.00
12 Gauge .745" Bore Reamer	\$135.00
20 Gauge .605" Bore Reamer	\$135.00
20 Gauge .610" Bore Reamer	\$135.00
20 Gauge .615" Bore Reamer	\$135.00
20 Gauge .620" Bore Reamer	\$135.00
20 Gauge .625" Bore Reamer	\$135.00
34" Medium Extension (For 20 Gauge)	\$65.00
34" Large Extension (For 12 Gauge)	\$65.00

BARRELL WALL THICKNESS GAUGE

Description	Price (Each)
Barrel Wall Thickness Gauge (Tuning Fork)	\$150.00





SHOTGUN PILOT BUSHINGS

Description <u>SHOTGUN</u> <u>PILOT BUSHINGS</u>	Price (Each)	
2" 10 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .775, .776, .777, .778, .779, & Blank Size
1" 12 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .725, .726, .727, .728, .729, & Blank Size
2" 12 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .725, .726, .727, .728, .729, & Blank Size
1" 16 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .665, .666, .667, .668, .669, & Blank Size
2" 16 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .665, .666, .667, .668, .669, & Blank Size
1" 20 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .610, .611, .612, .613, .614, & Blank Size
2" 20 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .610, .611, .612, .613, .614, & Blank Size
1" 28 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .545, .546, .547, .548, .549, & Blank Size
1" 410 Gauge Shotgun Pilot Bushing	\$20.00	Available in sizes: .409, .410, & Blank Size



STANDARD PILOT BUSHINGS (Continued on next page)

Description <u>STANDARD</u> <u>PILOT BUSHINGS</u>	Price (Each)	Pilot Pack Includes:
Individual Pilot Bushings	\$15.00	Available in any of the below sizes
17 Cal Pilot Pack - 4 piece set	\$60.00	.1650, .1660, .1655, .1670
17 Cal Pilot Pack - 6 piece set	\$90.00	.1645, .1650, .1655, .1660, .1665, .1670
20 Cal Pilot Pack - 4 piece set	\$60.00	.1985, .1990, .1995, .2000
20 Cal Pilot Pack - 6 piece set	\$90.00	.1980, .1985, .1990, .1995, .2000, .2005
5.45 Cal Pilot Pack - 4 piece set	\$60.00	.2110, .2115, .2120, .2125
5.45 Cal Pilot Pack - 6 piece set	\$90.00	.2105, .2110, .2115, .2120, .2125, .2130
22 Cal Centerfire Pilot Pack - 4 piece set	\$60.00	.2175, .2180, .2185, .2190
22 Cal Centerfire Pilot Pack - 6 piece set	\$90.00	.2170, .2175, .2180, .2185, .2190, .2195
22 Cal Rimfire Pilot Pack - 4 piece set	\$60.00	.2155, .2160, .2165, .2170
22 Cal Rimfire Pilot Pack - 6 piece set	\$90.00	.2150, .2155, .2160, .2165, .2170, .2175
6MM Pilot Pack - 4 piece set	\$60.00	.2355, .2360, .2365, .2370
6MM Pilot Pack - 6 piece set	\$90.00	.2350, .2355, .2360, .2365, .2370, .2375



25 Cal Pilot Pack - 4 piece set	\$60.00	.2485, .2490, .2495, .2500
25 Cal Pilot Pack - 6 piece set	\$90.00	.2485, .2490, .2495, .2500, .2505, .2510
6.5MM Pilot Pack - 4 piece set	\$60.00	.2555, .2560, .2565, .2570
6.5MM Pilot Pack - 6 piece set	\$90.00	.2545, .2550, .2555, .2560, .2565, .2570
270 Cal Pilot Pack - 4 piece set	\$60.00	.2685, .2690, .2695, .2700
270 Cal Pilot Pack - 6 piece set	\$90.00	.2680, .2685, .2690, .2695, .2700, .2705
7MM Pilot Pack - 4 piece set	\$60.00	.2750, .2755, .2760, .2765
7MM Pilot Pack - 6 piece set	\$90.00	.2745, .2750, .2755, .2760, .2765, .2770
30 Cal Pilot Pack - 4 piece set	\$60.00	.2985, .2990, .2995, .3000
30 Cal Pilot Pack - 6 piece set	\$90.00	.2980, .2985, .2990, .2995, .3000, .3005
303 Cal Pilot Pack - 4 piece set	\$60.00	.3010, .3015, .3020, .3025
303 Cal Pilot Pack - 6 piece set	\$90.00	.3005, .3010, .3015, .3020, .3025, .3030
8MM Pilot Pack - 4 piece set	\$60.00	.3105, .3110, .3115, .3120
8MM Pilot Pack - 6 piece set	\$90.00	.3100, .3105, .3110, .3115, .3120, .3125
338 Cal Pilot Pack - 4 piece set	\$60.00	.3285, .3290, .3295, .3300
338 Cal Pilot Pack - 6 piece set	\$90.00	.3280, .3285, .3290, .3295, .3300, .3305
9MM Pilot Pack - 4 piece set	\$60.00	.3445, .3450, .3455, .3460
9MM Pilot Pack - 6 piece set	\$90.00	.3440, .3445, .3450, .3455, .3460, .3465
9.3MM Pilot Pack - 4 piece set	\$60.00	.3530, .3535, .3540, .3545
9.3MM Pilot Pack - 6 piece set	\$90.00	.3525, .3530, .3535, .3540, .3545, .3550
358 Cal Pilot Pack - 4 piece set	\$60.00	.3485, .3490, .3495, .3500
358 Cal Pilot Pack - 6 piece set	\$90.00	.3480, .3485, .3490, .3495, .3500, .3505
375 Cal Pilot Pack - 4 piece set	\$60.00	.3640, .3645, .3650, .3660,
375 Cal Pilot Pack - 6 piece set	\$90.00	.3640, .3645, .3650, .3655, .3660, .3665
45 Cal Pistol Pilot Pack - 4 piece set	\$60.00	.4405, .4410, .4415, .4420
45 Cal Pistol Pilot Pack - 6 piece set	\$90.00	.4400, .4405, .4410, .4415, .4420, .4425
45 Cal Rifle Pilot Pack - 4 piece set	\$60.00	.4485, .4490, .4495, .4500
45 Cal Rifle Pilot Pack - 6 piece set	\$90.00	.4480, .4485, .4490, .4495, .4500, .4505

Note: Our standard pilot bushings are ground to a +/- .0001" tolerance and come laser marked with the outer diameter size. If desired, we can grind any custom bushing size as a special order at a premium price, limited to .0002" increments.

Our Standard Pilot Bushings correspond with the below Spindle Chart.

Spindle Size	Calibers Covered	Bushings
#0	17 thru 20 Caliber	For: 17 or 20 Caliber
#1	22 Cal thru 6 MM	For: 22 Cal or 6 MM
#2	25 Cal thru 7 MM	For: 25 Cal, 6.5 MM, 270 Cal, 7 MM
#3	30 Cal thru 475 Caliber	For: 30 Cal, 8 MM, 338 Cal, 358 Cal, 9.3 MM, 375 Cal, 40/10 MM, 416 Cal, 44 Cal, 45 Pistol, 458 Cal, 475 Cal
#4	50 Caliber	For 50 Cal or 510 Cal



CARTRIDGE COMPARATOR

Description	Price (Each)
Dial Cartridge Comparator	\$180.00
Digital Cartridge Comparator	\$200.00

This tool was designed to make life easier for the advanced shooter and re-loader by allowing precise measurement of ammunition, case, and chamber headspace. With this information, the shooter/re-loader will be able to fine-tune clearances and fits between his ammunition and chamber, with resultant improvements in accuracy and case life.

The primary functions of the Comparator are:

- 1 - Measure headspace of factory or reloaded ammunition.
- 2 - Quantify chamber headspace by measuring headspace of a fired case.
- 3 - Ensure minimal shoulder set-back when setting up re-loading dies.
- 4 - Compare base-to-ogive length to ensure consistent bullet-to-rifling relationship.

In addition to the Dial Indicator and Stand, the Comparator is supplied with Datum Blocks of precise inside diameter and length. These are used in conjunction with the supplied chart - "Cartridge List" – to determine actual headspace of factory or reloaded rounds, as well as fired cases. By measuring headspace of a fired case, the shooter can come very close to knowing the headspace of the chamber in which the round was fired. This information can be useful if he has several rifles in the same caliber and wants to know if the same re-loads may be used in all of them, or if one has significantly different headspace than the others and should use re-loads made with a different die setting.

Finally, reloaded cases last longer and locate more consistently within the chamber with minimal resizing – you don't want to push the shoulder back more than necessary for proper chambering. This is also true of rimmed and belted cases and the Cartridge Comparator provides a means of setting your dies to achieve minimal re-sizing.



JOHN HINNANT BOOK - \$55.00

It's unusual for us to offer for sale - and by doing so recommend - a specific gunsmithing text. There are many well-written books available to those who wish to take up "the art of the spiral tube" and each has something to recommend it. None, however, in our experience, offers such a wide range of information on basic and advanced riflemaking techniques, toolmaking and materials as does John Hinnant's book on the subject. He covers virtually every aspect of barrel fitting on bolt action rifles. From turning and threading the shank, chambering and crowning, his book is a wealth of information. A new section of his book describes several methods of "blueprinting" actions and the relative merits of each.

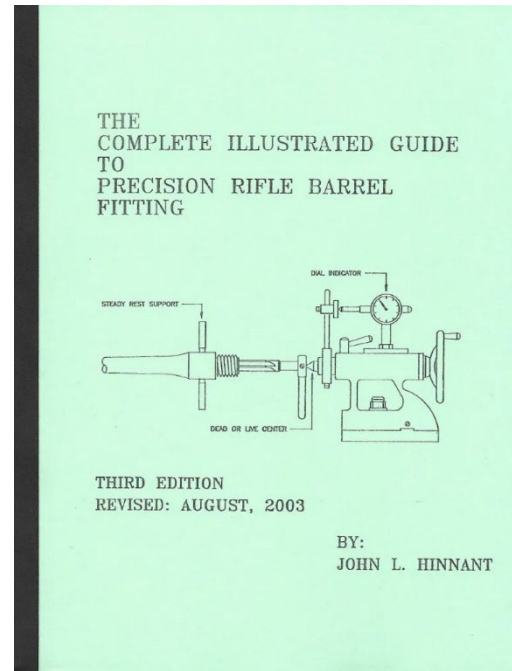
Gunsmiths need a number of special tools in their work. Mr. Hinnant describes in detail how to make many of these tools and fixtures and provides detailed material lists for the reader. Heat treating/hardening methods are described in practical ways that will allow the reader to achieve good results. All in all, it's a text that could be used to teach any number of classes on the subject.

I've been fortunate to know John for many years and it's no surprise that his book is so effective. He has, after all, just retired from a lifetime of riflemaking, machining and teaching industrial arts. Growing up in Texas (west of the Pecos) in the '40s and '50s, John had an early interest in firearms and machining processes. These interests remained throughout his life as he taught both to students lucky enough to be enrolled in one of his classes.

Life in Texas during those times was not easy and one learned ways of doing things that got the job done efficiently and economically. The practical aspect of John's teaching is readily apparent throughout his book - nothing is done without a reason.

Take a look at what he's written - I'm confident you'll come to rely on it more and more in your riflemaking work.

Dave Manson, Founder of Manson Precision Reamers





On April 12th, 2023 we recognized Dave Manson for the many years of dedication to the company and the impact he has had on this industry. For many years, Dave has pioneered many tools and processes in the gunsmithing world and helped countless people. His vision of Manson Reamers will long be remembered as we continue to strive forward and continue his legacy. Congratulations and THANK YOU to Dave Manson!



“We Hereby Honor David Manson”

“In appreciation of your many years of dedication to this company and innovation to the industry. Your vision at Manson Reamers will be long remembered as we continue to *build the best.*”

Congratulations on your retirement. We will miss you!

April 12th, 2023