

Donald V. Eagan -Gunsmith

P.O. Box 196 Benton, Pennsylvania 17814

Phone 570\925\6134

Price List Prices include P.P.D. Delivery in U.S.A.
Special Tools, Dies, Punches, Gunsmithing and other Custom work.
Please write describing your needs-Price will be quoted.
Prices in effect as of January 1st 1999

M.X. Mould(blocks only)-----	\$ 75.00
Optional Stainless Steel Plate---Add-----	\$ 30.00
MX2 Top Punch(Nose)-----	\$ 7.00
MX3 Top Punch Combo(Nose and Flat Base)-----	\$ 12.00
MX Top Punches for Saeco Lubricators Add-----	\$ 4.00
MX3 Lubricator Die Cal. .30 only-----	\$ 40.00
Bullet Base Chamfer Tool-Universal-.22 to .45-----	\$ 7.00
Gas Check Seaters Specify-Caliber-RCBS or Lyman-----	\$ 7.00
MX Seating Depth Gauge-Caliber .30-----	\$ 7.00
MX Flash Hole Gage - Std.(.308) Base-----	\$ 10.00

Pennsylvania Residents add 6% Sales Tax.

Price list for Rifle Work available upon Request as
well as Quotes for Dies, Tools Stock work and etc.

at No Charge.

Please keep the Sketches-Price change Sheets are
available on request.

75
3/99

REBARREL~RECHAMBER~THROATING

THE ABOVE SERVICES ARE AVAILABLE FOR CAST
BULLET BENCHREST RIFLES. CHAMBERING FOR .30
CALIBER IN THE FOLLOWING:

.30-06 GOVT.

.308 WINCHESTER

.308 X 1.625

THESE ARE WITH STANDARD SAAMI NECK DIM.

.30 X 1.600 MX

.30 X 1.500 MX

.30 REM. BR. -.334 NECK

MX CHAMBERS FEATURE A .338 NECK DIMENSION

THROATING IS AVAILABLE AS FOLLOWS:

2.5 DEGREES ~ 5 DEGREE INCLUDED ANGLE

1.5 DEGREE~ 3 DEGREE INCLUDED ANGLE

45 MINUTES~ 1.5 DEGREE INCLUDED ANGLE

30 MINUTES~ 1 DEGREE INCLUDED ANGLE

WRITE FOR FURTHER DETAILS OR QUOTE~

DOUGLAS -HART-SHILEN -LILJA -OR OTHER

FINE BARREL -YOUR CHOICE

DONALD V. EAGAN
GUNSMITH
MX MOULDS, TOOLS, AND CAST BULLET RIFLES
P.O. BOX 196 BENTON, PENNSYLVANIA 17814
PHONE 717\925\6134

NOTES ON THE .30 MX CARTRIDGES

**>>>>SOME GOOD REASONS TO CHOOSE THE .30X1.6 MX OR THE
.30X1.5 MX FOR YOUR CAST BULLET BENCHREST RIFLE.<<<<<<**

**INITIALLY, THE MX CARTRIDGES ARE OF IDEAL CAPACITY FOR
CAST BULLET ACCURACY.**

**MX CASES ARE EASY TO FORM AND DO NOT FEATURE THE
SHARP ANGLE SHOULDER DESIGNS WHICH REQUIRE SEVERAL
FIRE-FORMING SESSIONS TO ACHIEVE . THE SHARP SHOULDERS
WERE DESIGNED TO INCREASE CASE CAPACITY ON EXISTING
CARTRIDGES TO CREATE "IMPROVED" VERSIONS. OFTEN THE CASES
ARE WEAKENED OR STRETCH AND SEPARATE. OUR GOAL WITH
CAST BULLETS IS TO REDUCE CAPACITIES FOR SUPERIOR ACCURACY
WITHOUT THE TURBULENCE AND UNNECESSARY PRESSURES WHICH
OFTEN RESULT WITH FAST TO MODERATE BURNING POWDERS IN
THE SHARP SHOULDER VERSIONS. MX CASES HAVE A TIME TESTED
SHOULDER ANGLE OF 20 DEGREES. BASES ARE THE STANDARD .470
DIAMETER AND CASES MAY BE MADE FROM ANY BRASS WITH THIS
STANDARD BASE.**

**THE CASE NECK WALL IS .012 TO .014 THICK (DEPENDENT ON
THE SIZING OF THE CAST BULLET) AND IS THIN ENOUGH TO SEAL
OFF THE GASES, YET HEAVY ENOUGH TO PROVIDE A LONG-LASTING
CARTRIDGE CASE. THE NECK OF ANY "ACCURACY" CARTRIDGE
MUST BE TURNED TO INSURE CONCENTRICITY AND AT THE .336
MAXIMUM CARTRIDGE NECK DIAMETER SUFFICIENT MATERIAL IN
THE FORMED CASE IS ASSURED EVEN WITH THE LIGHTER BRASS
BEING PRODUCED AT THE PRESENT TIME.**

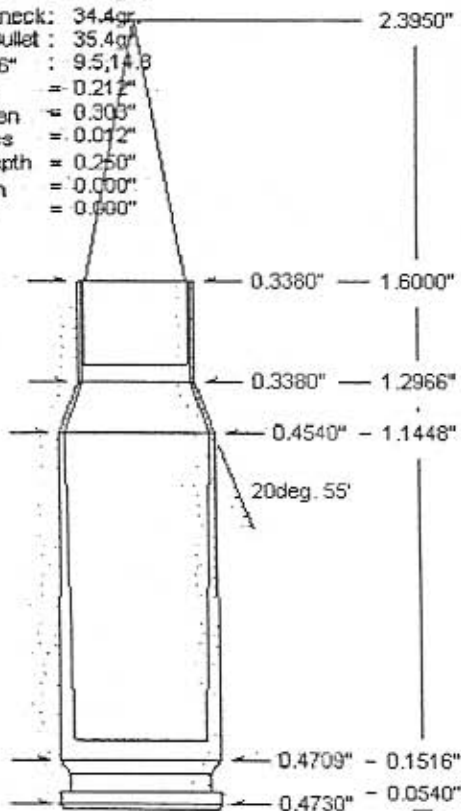
**SINCE THROATING IS A SEPARATE OPERATION FROM THE
CHAMBERING AND IS AVAILABLE IN FOUR OPTIONAL CHOICES,
YOUR FAVORITE BULLET MAY BE ACCOMODATED BY SENDING
SOME SAMPLE BULLETS ALONG WITH YOUR ACTION OR IF YOU
ARE ORDERING AN MX MOULD THE THROATING WILL BE MADE
FOR THE PARTICULAR DESIGN.**

.30 x 1.6 mx

Parent: 308 Winchester

Case Capacity (gr. water)

- w/ 0.020" taper : 42.1gr.
- w/ 0.030" taper : 40.3gr.
- w/ 0.040" taper : 38.7gr.
- w/ 0.030, w/o neck: 34.4gr.
- w/ 0.030, w/ Bullet : 35.4gr.
- ExpRatio 16", 26" : 9.5,14.8
- For Web Height = 0.212"
- NonTaperThrtLen = 0.303"
- Mouth Thickness = 0.012"
- BulletSeatingDepth = 0.250"
- Boat Tail Length = 0.000"
- Boat Tail Taper = 0.000"

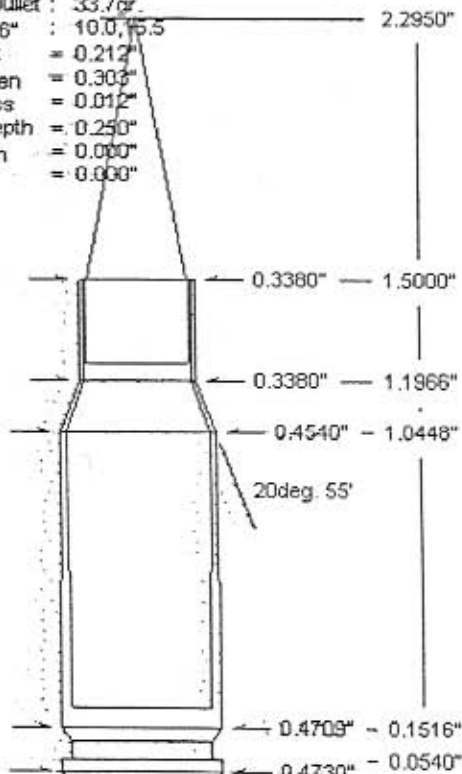


.30X 1.5 MX

Parent: 308 Winchester

Case Capacity (gr. water)

- w/ 0.015" taper : 39.4gr.
- w/ 0.020" taper : 38.6gr.
- w/ 0.025" taper : 37.8gr.
- w/ 0.020, w/o neck: 32.7gr.
- w/ 0.020, w/ Bullet : 33.7gr.
- ExpRatio 16", 26" : 10.0,15.5
- For Web Height = 0.212"
- NonTaperThrtLen = 0.303"
- Mouth Thickness = 0.012"
- BulletSeatingDepth = 0.250"
- Boat Tail Length = 0.000"
- Boat Tail Taper = 0.000"

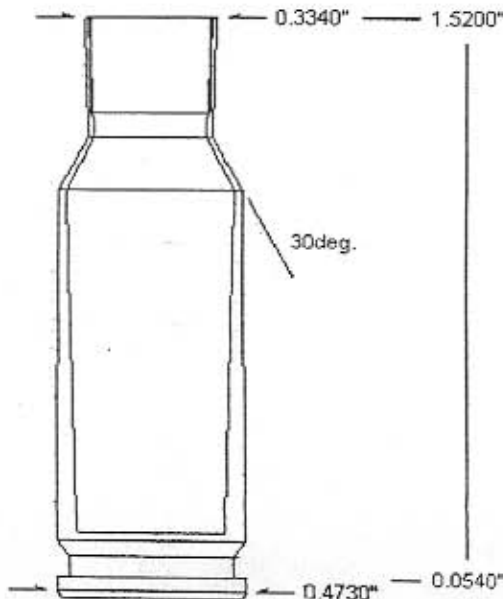


.30 REM. BR

Parent: 7mm Bench Rest

Case Capacity (gr. water)

- w/ 0.033" taper : 38.3gr.
- w/ 0.038" taper : 37.5gr.
- w/ 0.043" taper : 36.7gr.
- w/ 0.038, w/o neck: 31.9gr.
- w/ 0.038, w/ Bullet : 32.7gr.
- ExpRatio 16", 26" : 10.0,15.6
- For Web Height = 0.170"
- NonTaperThrtLen = 0.314"
- Mouth Thickness = 0.012"
- BulletSeatingDepth = 0.250"
- Boat Tail Length = 0.000"
- Boat Tail Taper = 0.000"



Exit

Print

Ref Cat

Wrk Ca

New Ca

Del Ca

Close Pa

Close A

+ Int Din

+ Case C

Colors

Restor

Study

Study

Study

Study

Study

Study

Study

Study

Study

Study

Study

Study

Exit

Print

Ref Cat

Wrk Ca

New Ca

Del Ca

Close Pa

Close A

+ Int Din

+ Case C

Colors

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Study

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MX STRAIGHTLINE LOADING TOOLS

>NORMALLY, THE MX STRAIGHT LINE TOOLS ARE MADE FOR THE MX .30X1.6 , .30X1.5 AND .30 BR CASES. THERE IS NO REASON WHY CAST BULLET SHOOTERS USING STANDARD SAAMI CALIBERS(.308 WIN.-.30-06 GOVT. AND .30-30 WCF ONLY) SHOULD NOT BENEFIT THE ACCURACY INHERENT IN THESE TOOLS. FOR THIS REASON THE MX STRAIGHTLINE TOOLS ARE NOW AVAILABLE AS A CUSTOM PRODUCT FOR THE CALIBERS MENTIONED.

>THE SET IS COMPRISED OF A NECK SIZING DIE USING STANDARD BUSHINGS AND A SEATING DIE MADE FOR THE DIAMETER OF YOUR CAST BULLET (AS SIZED). THE SIZER IS VERY EASY ON CARTRIDGE NECKS AND INSURES NECK TO BODY CONCENTRICITY. THE KNOCK-OUT ROD ALSO SERVES TO DECAP THE CASE. THE SEATER IS MADE TO DELIVER THE CAST BULLET ABSOLUTELY STRAIGHT AND TO THE CORRECT DEPTH.

>THESE DIES MAY BE USED WITH A SMALL ARBOR PRESS AS SOLD FOR RELOADING PURPOSES OR WITH A SMALL PLASTIC MALLETT. FOR TRANSPORT TO SHOOTS THEY ARE THE MOST CONVENIENT LOADING TOOLS .

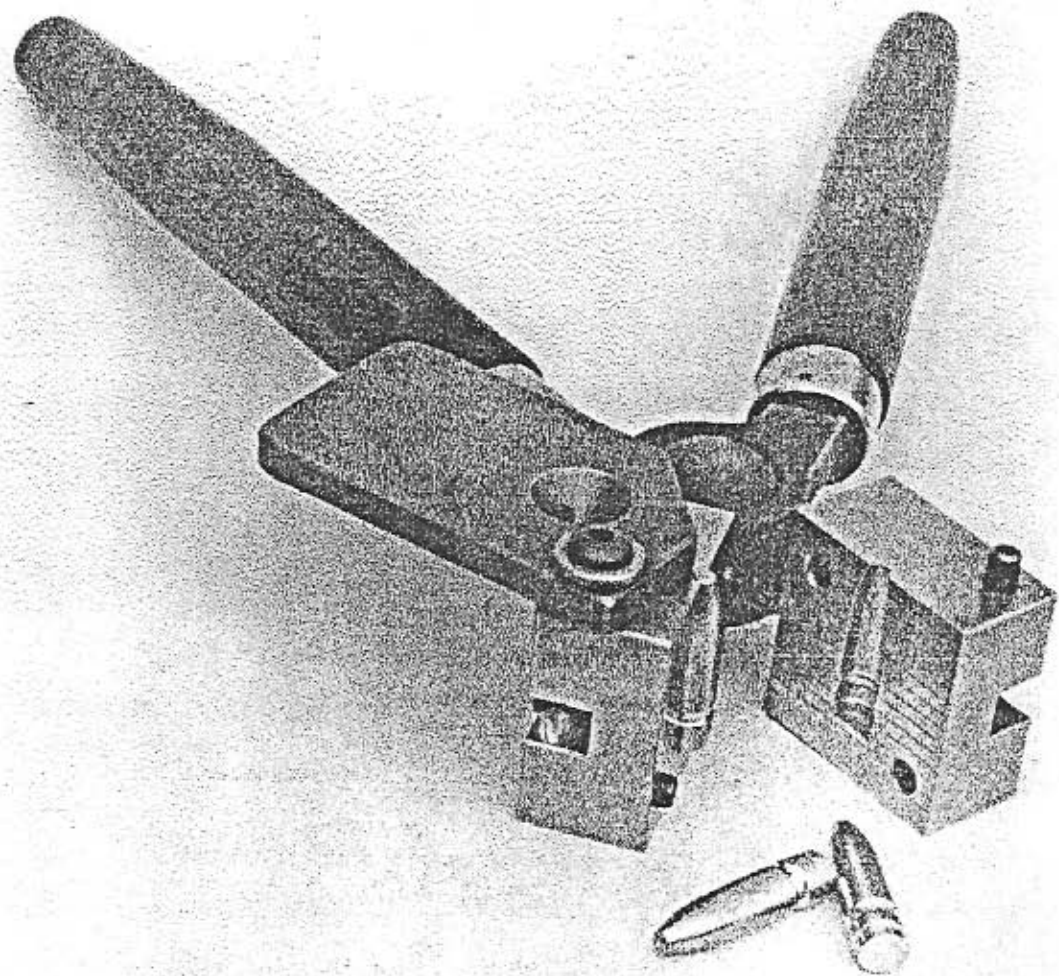
>DIES ARE SOLD INDIVIDUALLY OR AS A SET. SINCE THEY ARE CUSTOM MADE TO FIT YOUR CASES , A MINIMUM OF FIVE CASES AND FIVE BULLETS WILL BE REQUIRED. DELIVERY OF FINISHED DIES WILL DEPEND ON THE WORKLOAD IN SHOP AT THE TIME.

PRICES

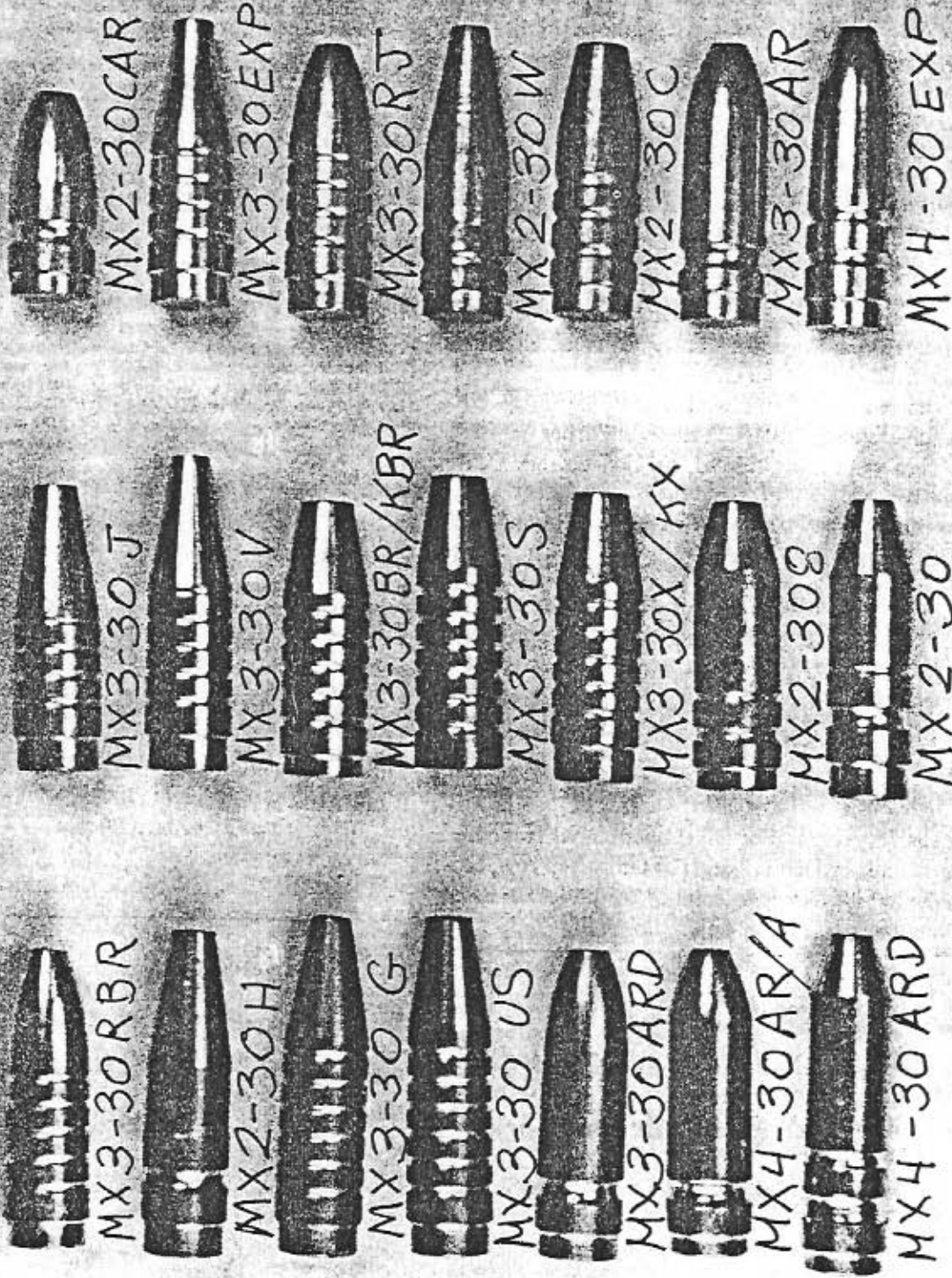
SIZING DIE, COMPLETE WITH BUSHING AND KNOCK-OUT-----	\$ 55.00
SEATING DIE COMPLETE WITH BASE PLATE-----	\$ 55.00
SET OF DIES AS ABOVE,ONE OF EACH-----	\$100.00
SIZING DIE SPACER FOR USE WITH ARBOR PRESS TO EQUALIZE HEIGHT OF DIES FOR RAM STROKE-----	\$10.00

PRICES ARE FOR CAL. . 30 CARTRIDGES ONLY AND INCLUDE PPD. DELIVERY IN CONTINENTAL U.S.A. PRICES FOR OTHER CALIBERS WRITE WITH DESIGNATION OF CALIBER FOR QUOTE.

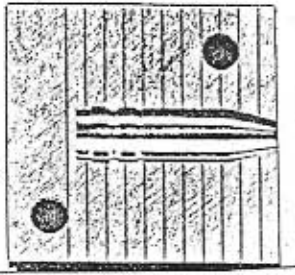
MX Moulds
Eagan-Gunsmiths
Benton, Pennsylvania



MX Moulds



MX Moulds Eagan-Gunsmiths Benton, Pennsylvania



This Photostatic Image is of an actual MX Mould Block—Nose Pour Mould.

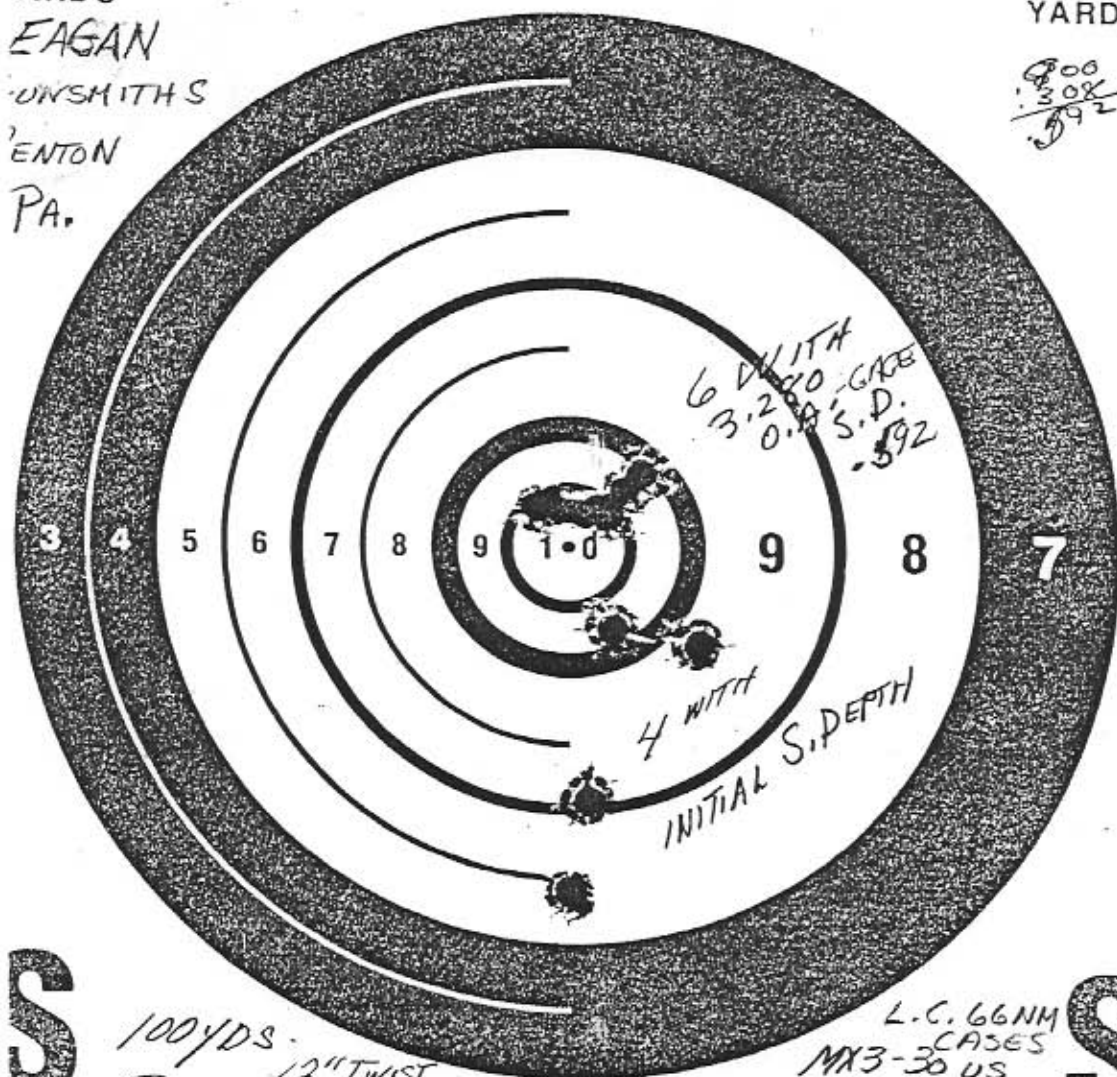
The Cavity is machined in the blocks including the base. There are no bottom plates or plugs to loosen with use. The base is always Perpendicular to the Axis of the Bullet. Mould dimensions are 1.5 High 1.4 Long and 1.5 Wide when closed. All Calibers are cut on the same size Blocks. The Mass of these large Blocks retain Heat to insure consistency in Casting. Sprue Plate is $1\frac{1}{4}$ " thick and swings on an eccentric bushing allowing adjustment to Gate hole. The Blocks are cut for Lyman Large (Double Cavity) Handles.

100
YARDS
EAGAN
UNSMITH'S
ENTON
PA.

200
YARDS

900
308
592

HOW
IMPORTANT
IS SEATING
DEPTH?

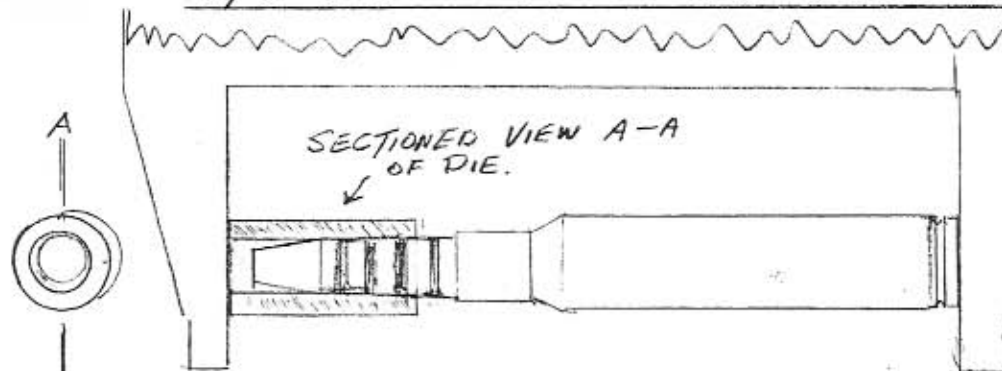


FOUR ROUNDS LOADED
SHORT AND SIX
ROUNDS NORMAL.
(PRE-RECORDED LGT.)
AFTER SEATING
FOUR BULLETS IN
THE SEATING DIE, IT
WAS NOTICED THAT
THE SEATING PUNCH
HAD MOVED. DIE
WAS ADJUSTED TO
PRE-RECORDED LENGTH
USING A GAGE.
THE DIFFERENCE WAS
ONLY SIX THOUSANDTHS
THE TEN ROUNDS
WERE FIRED IN THE
ORDER THEY WERE
LOADED. THE DIFF-
ERENCE IN NOT ONLY
GROUP - BUT IMPACT
CENTER IS OBVIOUS

100 YDS.
12" TWIST
REM 700V - 308 WIN - 34.5 H4895 -

L.C. 66NM
CASES
MX3-30 US

MX SEATING DEPTH AND TAPER SIZING GAGE - 30 CAL.



MX VERNIER OR
DIAL CALIPERS
ONCE YOU HAVE FOUND
THE IDEAL S.D. IT IS
RECORDED AND POSITIVE
RESETTING IS SIMPLE.

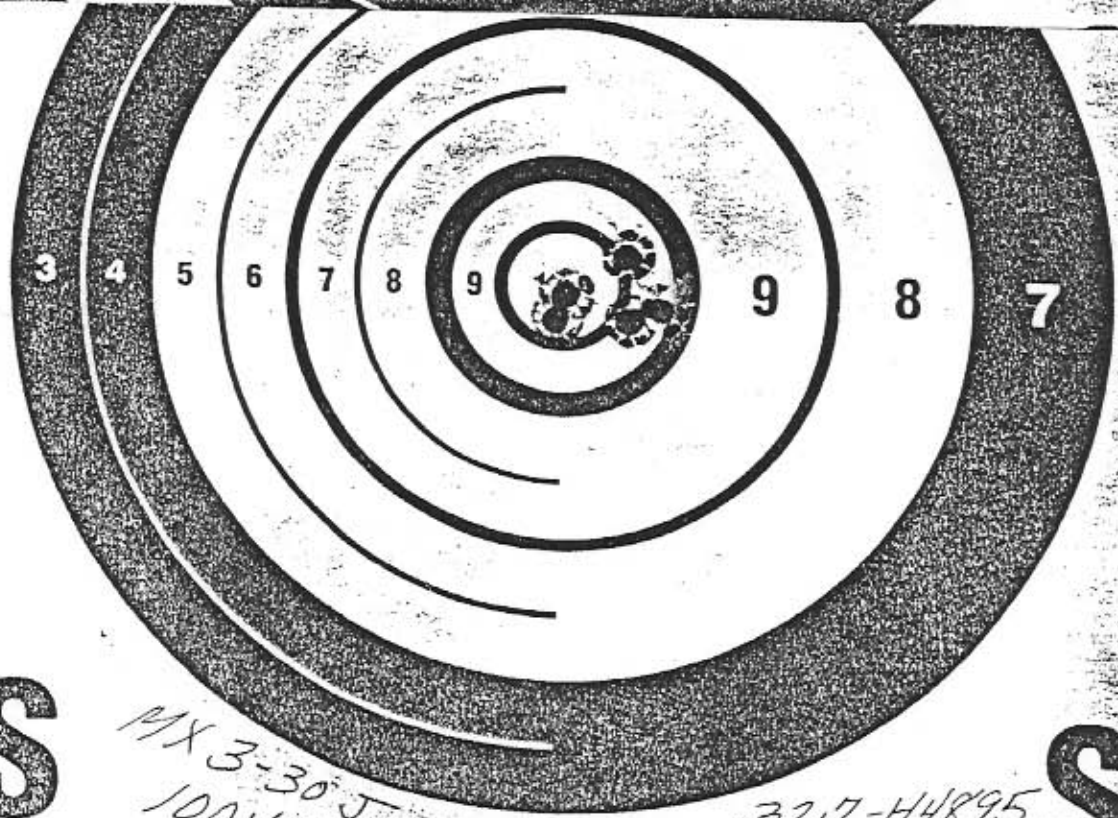
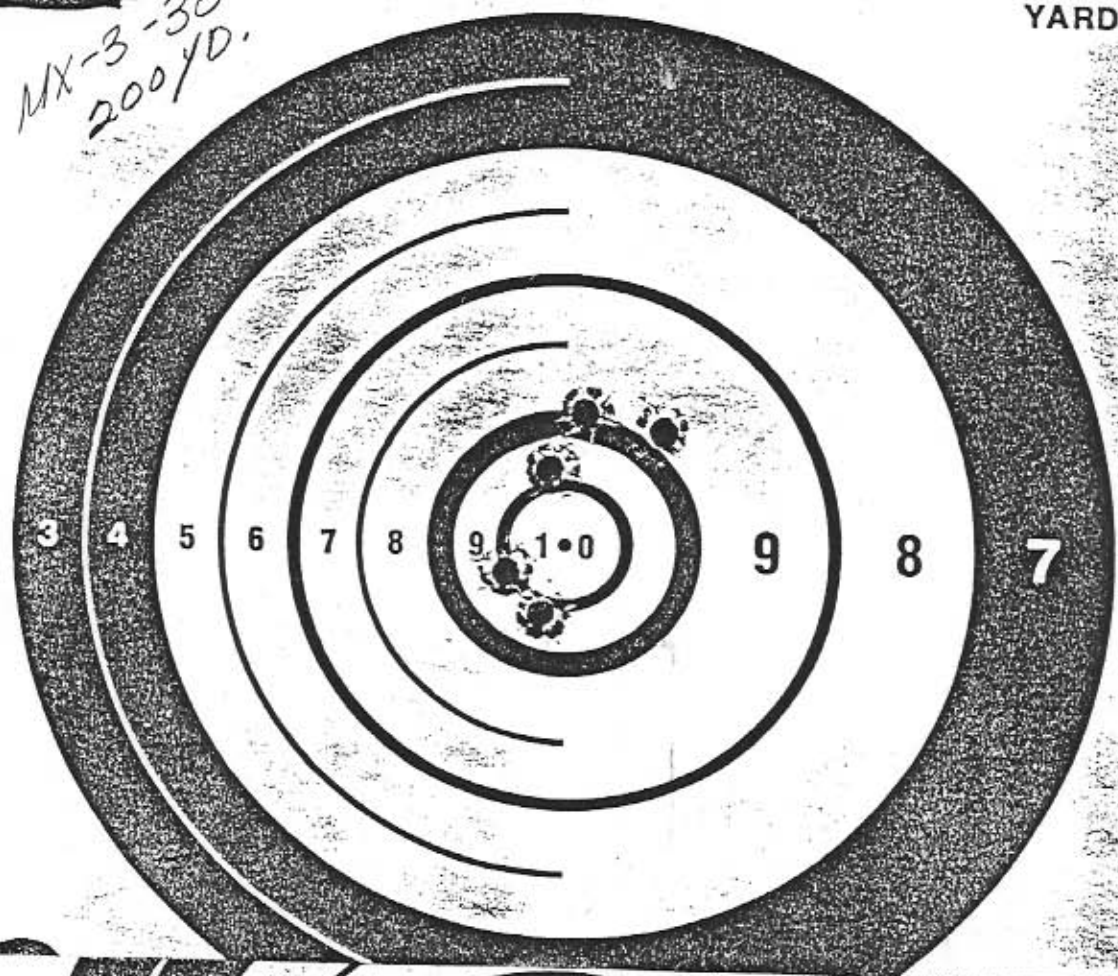
THE GAGE IS 1/2" DIA. AND 1" LONG - MADE OF STEEL
AND IS TAPERED ON THE INSIDE DIAMETER TO THE
SAME TAPER AS MX3 BULLETS. TAPER SIZED BULLETS
MAY BE CHECKED BY MEASURING FROM THE BULLET BASE.
THE GAGE ALSO WORKS WELL ON MOST CONVENTIONAL
BULLETS. GAGE FOR "5" TAPER MX PLAIN BASE BULLETS
AVAILABLE ON SPECIAL ORDER.

MX S.D. GAGE - PRICE _____ PPD

200
YARDS

~~XXXXXXXXXX~~
MX-3-30J
200YD.

REM. 700V-308WIN. FACTORY BARREL - 12" TWIST - UNMODIFIED - CUSTOM WOOD STOCK
WEIGHT (W) UNERTL 36X 11.5 8oz.



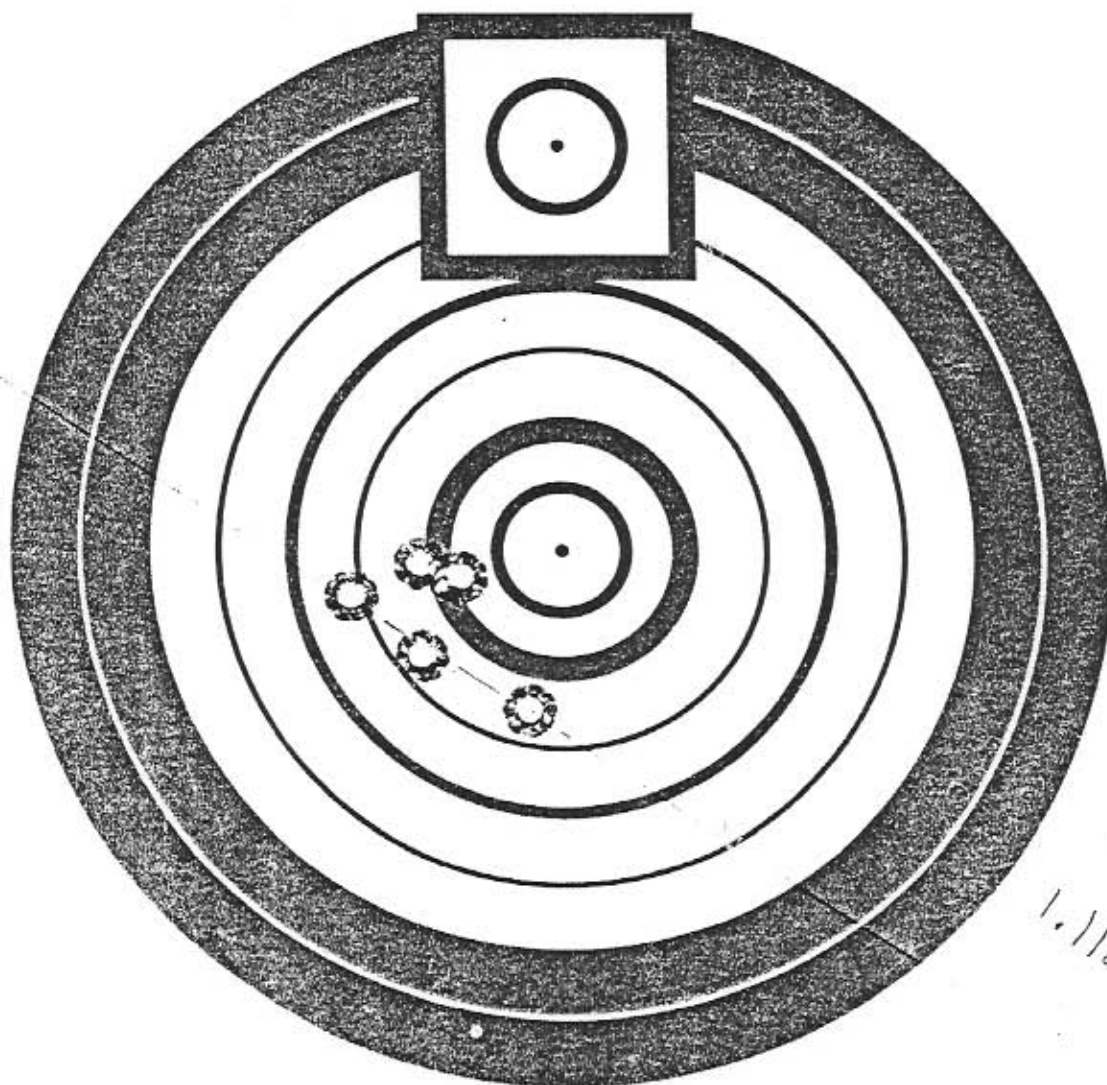
S

MX-3-30J
100YD.

3217-H4895
REM 700V-308W-12" TWIST

S

AVERAGE PERFORMANCE
AT 100 AND 200 YDS - VELO. 2200 FPS



RECORD GROUP TARGET

9



The Cast Bullet Association

Incorporated

R-1-03 - 30-06

11X3-30J 160GR LULS. 310 FULL LOBE

SHOOTER 1600-2400 - 22.0GR. R. 21.25 DATE 9.9.91

MATCH 22

1991 CBA NATIONAL MATCHES - MINNIEVILLE PA.

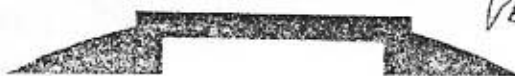
14

BENCH NO.

RANGE 200 YDS

CLASS _____

Rock Island Springfield 1903 - Douglas 24" - 12" TWIST
IN 30-06 CALIBER - WT. 15.7 LBS - 22.0GRS - 2400
200 YDS VELO. 2000 FPS APPROX.



8-5-93

TOM GRAY

7.62 X 39 KERN

MX3-30 ARD (.7 MONOTYPE .3 WW)

GRAY # 20 LOBE

30.5 GRS. AA 2520

CCI 200 PRIMER

2210 FPS

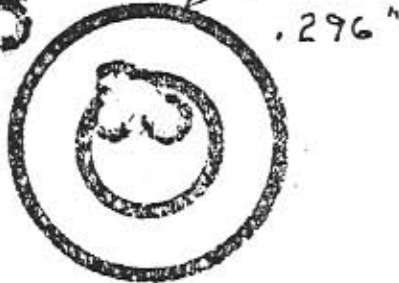
Don, Note.



FOULER



5 SHOTS



.508"

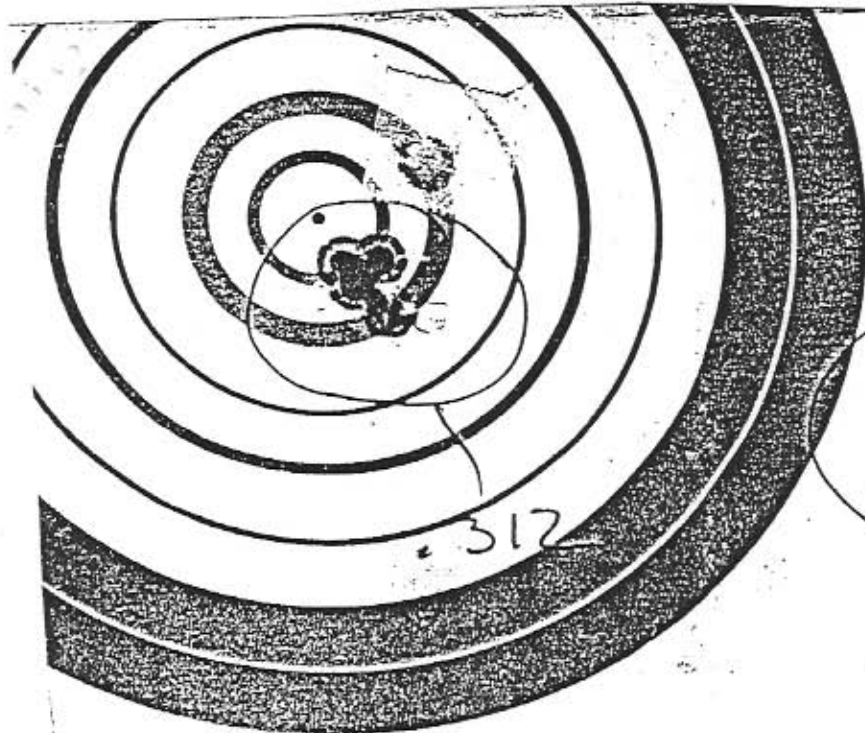


.268"



AVE .404"

TOM GRAY'S TESTS
 OF MX3-30 ARD
 100 YDS



73°
 LITTLE
 BREWERS
 SHOT AT
 TAMAQUAH
 MX3-30KBR
 R-40XBR
 13LB-20Z
 LILJA BBL.
 28-AA2230
 7.62X39
 KERN
 SHOOTE

5



2429
 MIKE
 BECKER
 BENCH NO.

MX 3-30 KBR



INTERNATIONAL
 BENCHREST SHOOTERS

IBS OFFICERS

PRESIDENT

Brian Hollister
 RD 2 Box 60
 Whitehall, NY 12887
 Phone (518) 499-1569

VICE PRESIDENT and
 MATCH SCHEDULE CHMN.

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 8 New Jersey Ave.
 Lake Hopatcong, NJ 07849
 Phone (201) 663-5159

2nd VICE PRESIDENT

Paul Ryan
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 Phone (717) 458-5444

RECORDING SECRETARY

Joan Borden
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 Tunkhannock, Pa. 18657
 Phone (717) 833-2234
 FAX (717) 833-2382

PAST PRESIDENT

I've said many times that experimentation in our sport is not dead and makes for some very interesting print. I presume that the majority of you do know what a cast bullet is. One thing you probably do not know is that cast bullet shooters use a target very similar to our 200 yard Score Target for their 100 yard matches. On May 24th at Sulphyr Springs, Mike Becker of Landsford, PA brought his cast bullets and cast bullet rifle to shoot a 100 yard Score Match. Mike shot on an IBS 100 yard Score Target and finished the match with a 250-18x's which gave him 2nd place in Heavy Varmint and 3rd place overall in Varmint for Score. He claims his next feat will be to get a screamer patch at a group match. To make this feat even more remarkable, Mike was using Bench 1. Maybe the next time you pull Bench 1 at Sulphyr Springs you better not groan so loud. Mike's equipment list reads like this: Caliber 30-Kern; Action 40XBR; Barrel Lilja; Scope Leupold 36X; Case PMC; Load 29 grains of 2460; Bullet Cast Eagan MX3-30KBR; Gunsmith Kern (Dave).

I can't seem to ever write this column without a gripe. This is a small one but a very important one. It seems some of the match reports are either getting lost in the mail or in the match director's computer. Please try to get them to the Score Shooter of the Year Statistician, Bill Creasy, RR 8 Box 455, Bloomsburg, PA 17815, quickly. Also remember, if you want an update for your next match, give Bill a call at 717-784-8021, or drop him a line and he will get it out to you pronto!

CAPITOL CITY

May 24th, a varmint for score, and a heavy varmint "group" match at the Augusta, Maine club. After three days of near record high temperatures, there was a 60 degree drop on Sunday for this match! With blustering winds factored in, there was a wind chill down around zero. Many shooters, between matches were heading for their cars, and turning the heaters on to "high". How bad was it? Well, the fellow who won the group match turned in a .4070 agg... and there was no one close to him...

Varmint for score (11 shooters): 1.) Joe Gilbert 250-10x, 2.) Ira Farnsworth 249-11x, 3.) George Hagan 248-11x, 4.) Parker Hills 248-8x, 5.) Robert Osyer 247-10x.

Heavy varmint-group (12 shooters): 1.) Ira Farnsworth .4070, 2.) Peter Hills .4512, 3.) Joe Gilbert .4788, 4.) George Hogan .4812, 5.) Fred Martin .5100.

DUNHAM'S BAY

The last match of the Dunham's Bay 1992 winter league was held at the Bay on April 26th. There were 37 shooters for the group match at 100 meters, and 11 shooters in the accompanying hunter class. Not a bad turnout at all; but then again most shooters know that they will be treated well at this Lake George range.

D.V. EAGAN
GUNSMITH

P.O.BOX 196 BENTON, PENNA. 17814
717\925\6134

PRICE LIST FOR RIFLE WORK
REMINGTON 700 AND 40X ACTIONS

- >CHECK RECEIVER CONCENTRICITY TO BARREL THREADS.
- >MACHINE LUG RECESSES TRUE TO BOLT BORE AND FACE FRONT OF RECEIVER.
- >SET UP BOLT AND MACHINE FACE AND LOCKING LUGS.
PRICE\$ 80.00
- >MODIFY BOLT TO ACCEPT .470 BASE CASES, INCLUDES SAKO TYPE EXTRACTOR AND INSTALLATION.
PRICE\$ 122.00
- >TURN, THREAD, CHAMBER , THROAT, CROWN AND INSTALL BARREL . PRICE OF BLANK NOT INCLUDED. PRICE WILL BE VALID FOR SETTING BACK AND RE CHAMBERING THE ORIGINAL BARREL.
PRICE\$ 190.00
- >INSTALL SAKO TYPE EXTRACTOR -COST OF MACHINING INCLUDES EXTRACTOR.
PRICE\$ 76.00
- >THROAT CUSTOMER'S BARREL, IF VIABLE.
PRICE\$ 70.00

- >CUT OFF AND RECROWN MUZZLE.
PRICE\$ 50.00
- >ITEMS SUCH AS BARREL BLANKS , TRIGGERS ETC. WILL BE QUOTED UPON LEARNING OF THE CUSTOMER'S PREFERENCES.

- >NOTE ; RECHAMBERING --THE ORIGINAL BARREL MUST BE OF SUFFICIENT DIAMETER AT APPROXIMATELY ONE INCH FROM RECEIVER FACE TO PROVIDE AN ADEQUATE SHOULDER.

- > NOTE; MODIFYING THE REMINGTON BOLT BY INSTALLING A SAKO TYPE EXTRACTOR INVALIDATES THE REMINGTON ENCLOSED BREECH DESIGN IN THAT GASES MAY ESCAPE THROUGH THE EXTRACTOR SLOT IN THE EVENT OF PIERCED PRIMER OR RUPTURED CARTRIDGE CASE. ALTHOUGH SUCH OCCURRENCES ARE RARE AMONG EXPERIENCED SHOOTERS, IT WOULD BE WISE TO USE EXTREME CAUTION IN LOADING.

Egan
Gunnsmiths

MX 2 - 22 Z

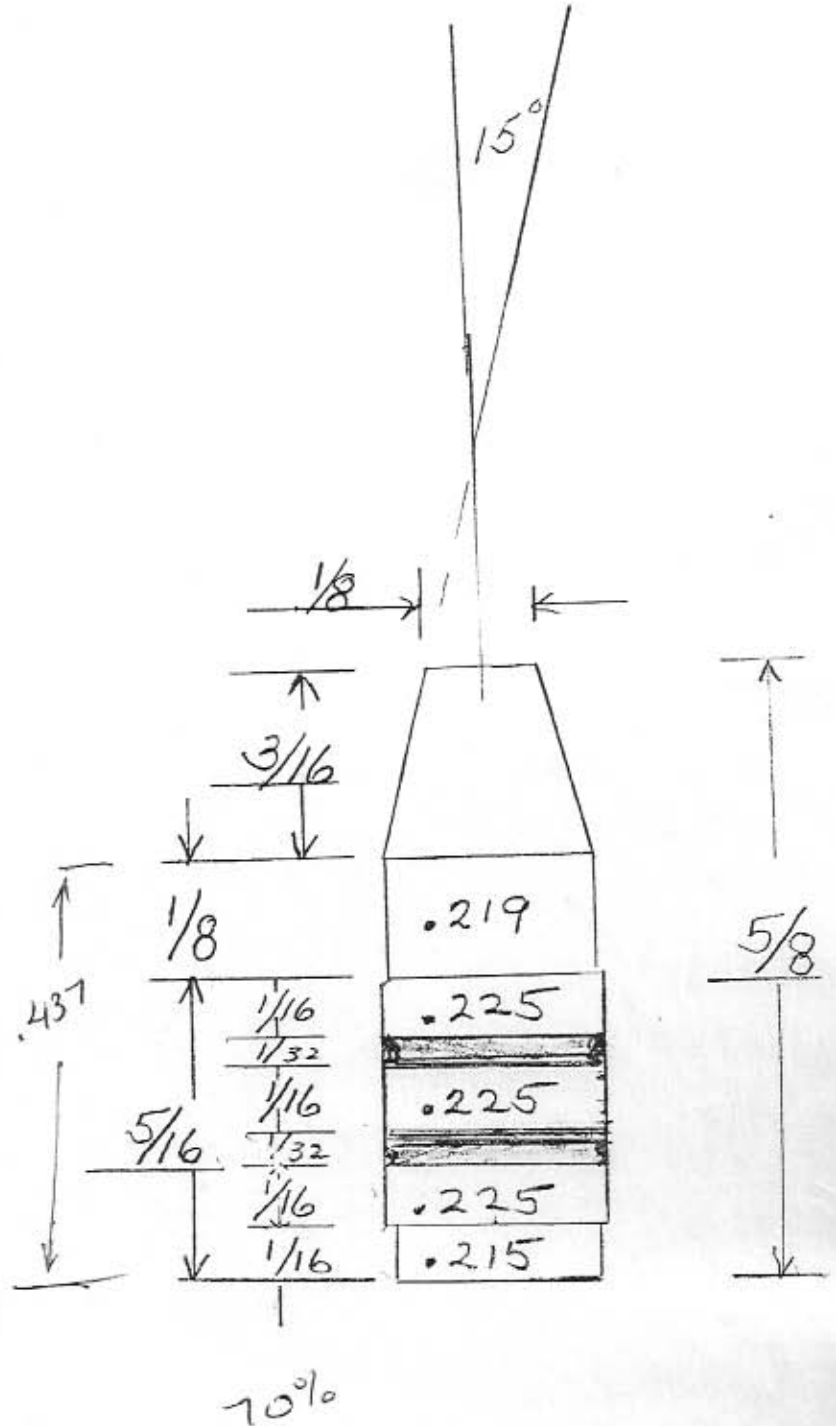
55 GR. G.C.

NOSE POUR

Redrawn 2/91

WGT + SIZES AS
CAST IN
LINO TYPE

Tol. - DIAS. $\pm .001$



Bagon
Gunsmiths

MX-3-22

55 GR. G.C.

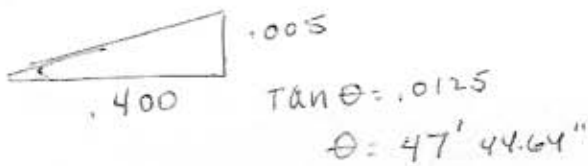
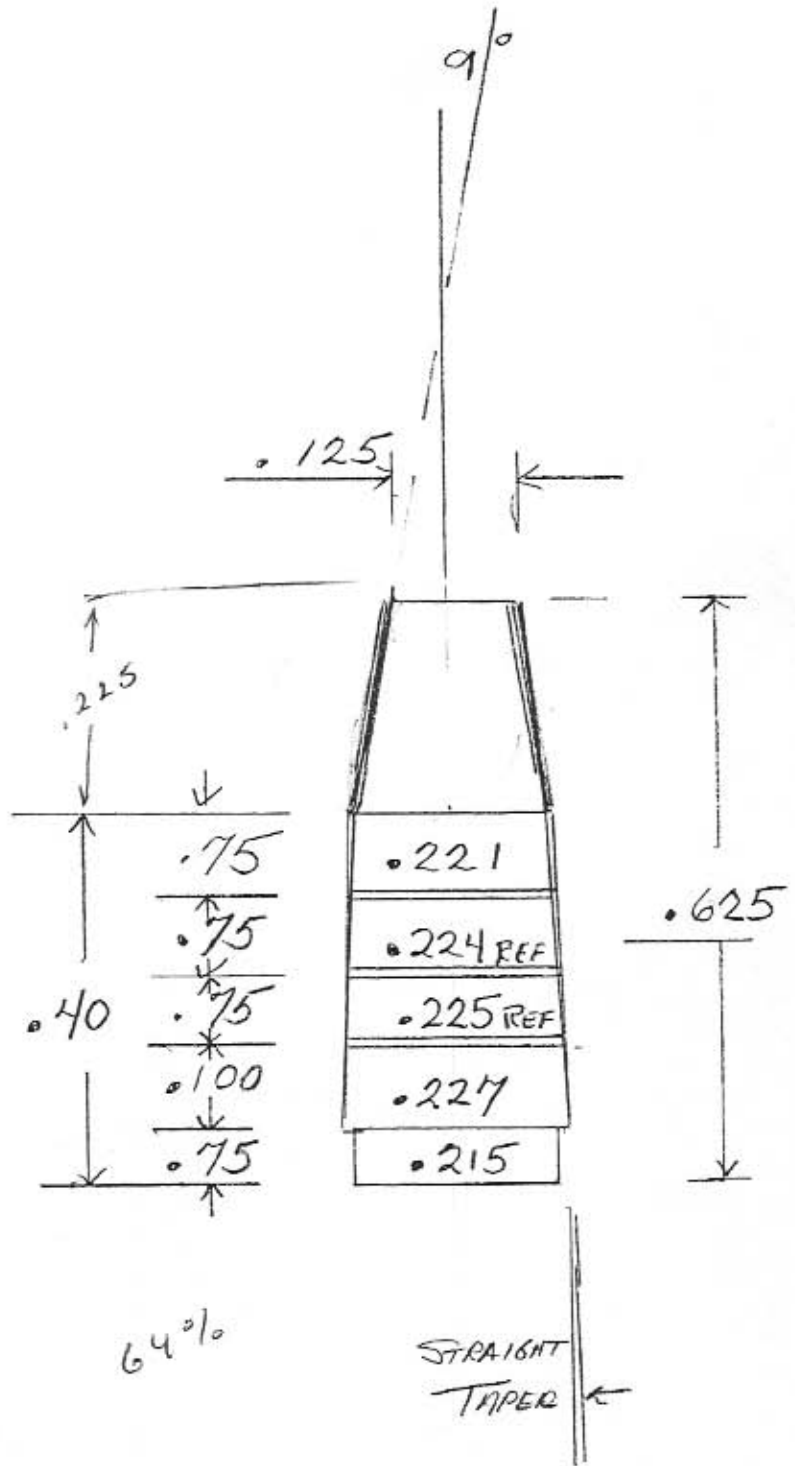
NOSE POUR

STRAIGHT TAPERED
BULLET

INIT. 2/91

WGT. AND DIAS. AS
CAST IN HINOTYPE

TOL. DIAS - $\pm .001$



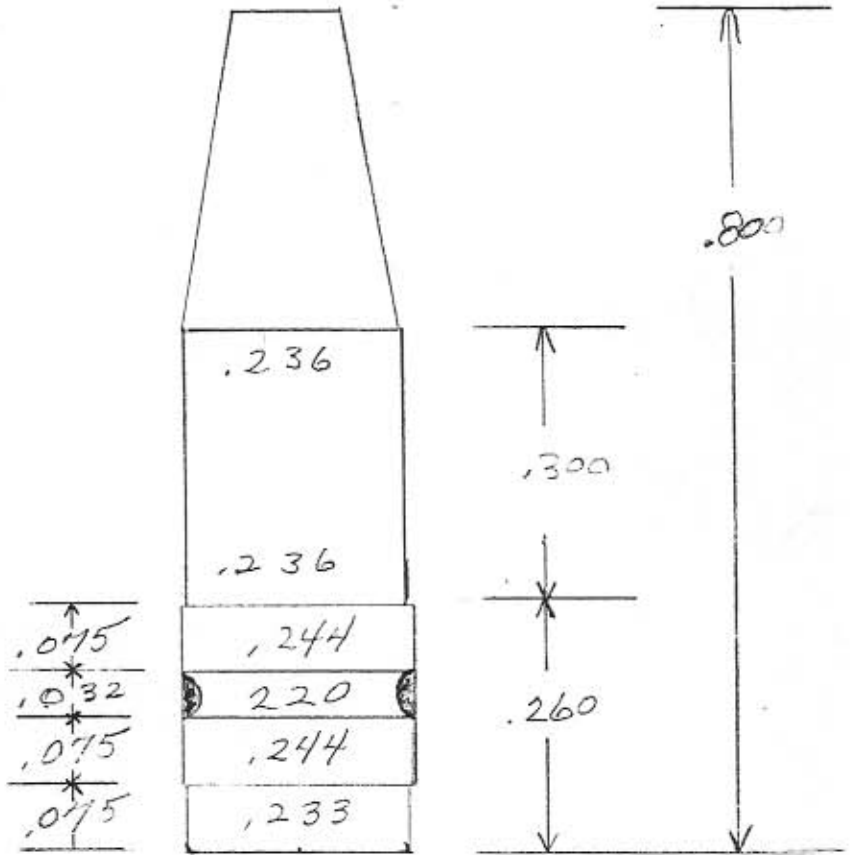
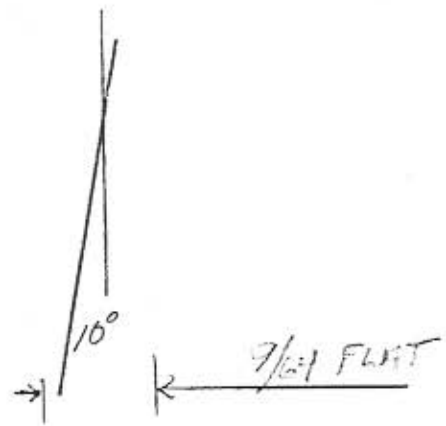
EAGAN
GUNSMITHS

MX 2-243

80 GR. G.C.

CHERRY #

TOLEARNCE - DIAMS.
 $\pm .001$ DIM. IN LINS.



R. \nearrow 70% Bearing

Pageone Gunsmiths

MX3-25X

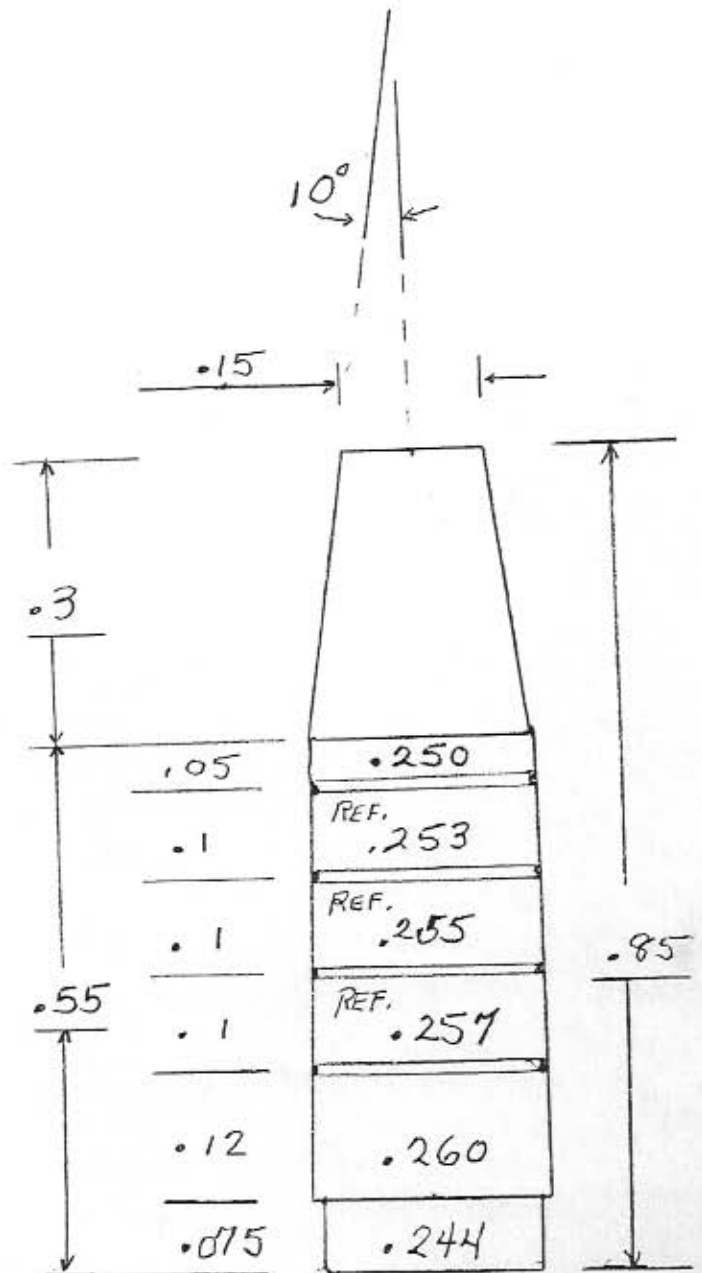
100 GR. G.C.

STRAIGHT
TAPERED BULLET
FOR
BENCHREST AND
TARGET

DIMENSIONS AS CAST
IN KIND TYPE

TOL: DIA. $\pm .001$

7/92



65%
Bearing

GROOVES .03 X .24 DIA

TAPERED

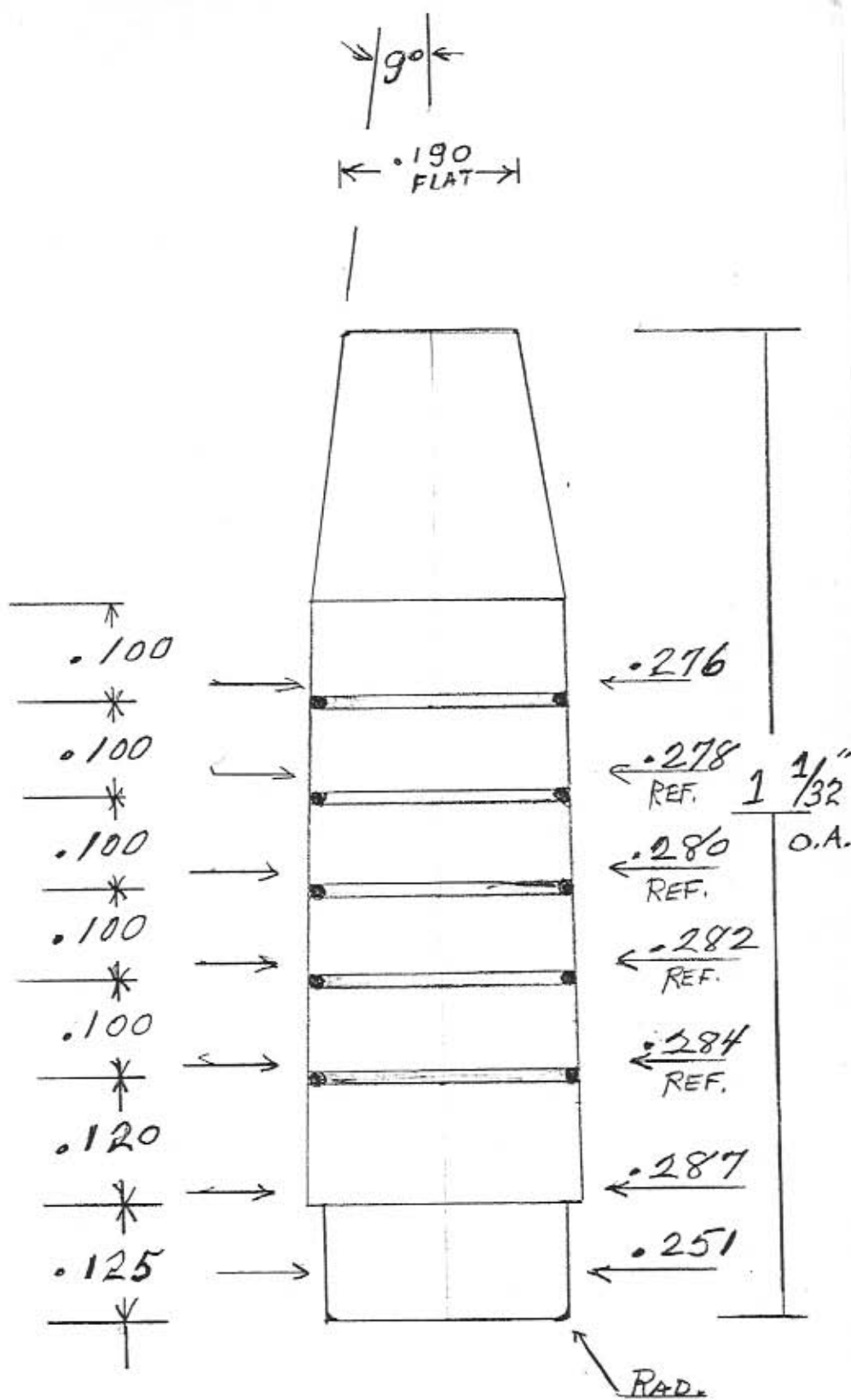
EAGAN
GUNSMITHS

MX3-28X

145 GR. G.C.

7MM
STRAIGHT
TAPERED
BULLET
FOR
BENCH REST

TOLERANCE ON DIAS.
 $\pm .001$ - IN LINO.



LUBE GROOVES .030 X .015 DP.

EAGAN
GUNSMITHS

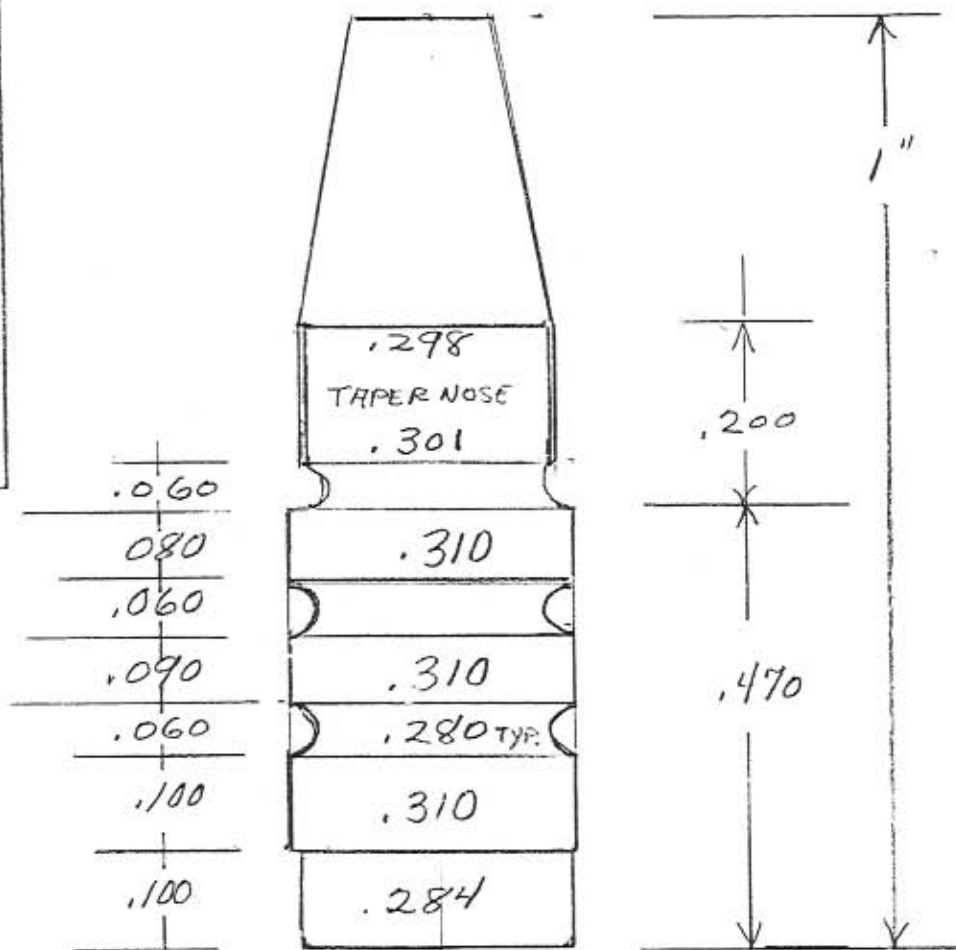
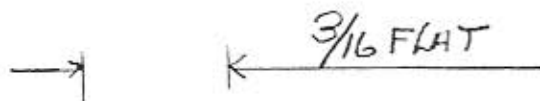
MX2-30C

160 GR. G.C.

CHERRY #

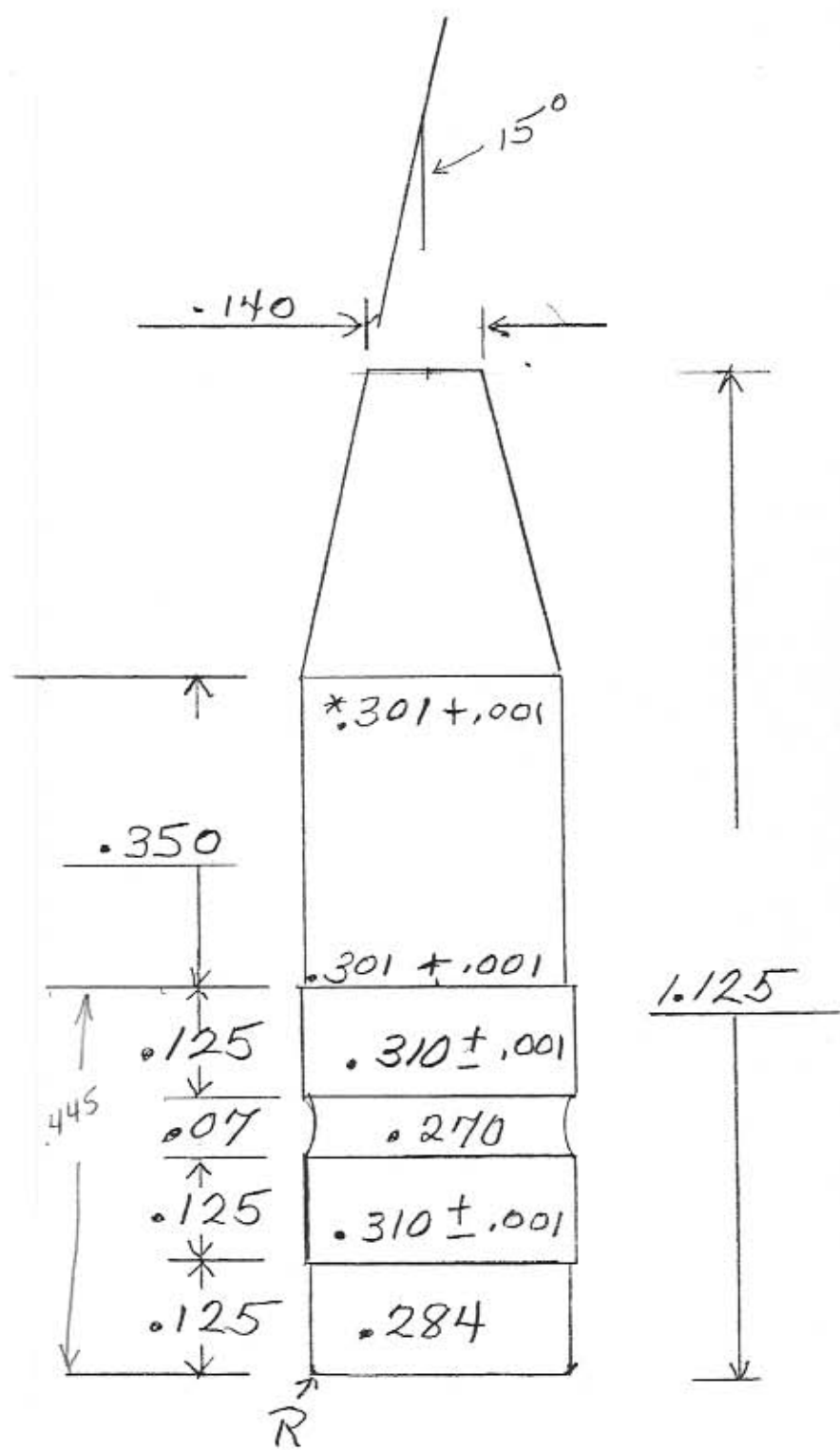
TAPER NOSE
FOR
30/30 WCF
CONTENDER
AND ALL 30WCF
RIFLES
30-06 AND 30-40

TOLERANCE ON DIAS.
 $\pm .001$ - IN LING.



RND.

Eagan Gunsmiths
MX 2-30
180GR. G.C.
* THIS DIMENSION ALSO AVAILABLE IN .301-.001
CONVENTIONAL TYPE BULLET FOR FENAREST-TARGET OR GENERAL USE
REDRAWN 2/1/91
WEIGHT AND DIAS. AS CAST IN KINOTYPE
NOSE POUR



EAGAN
GUNSMITHS

MX2-308

175 GR. G.C.

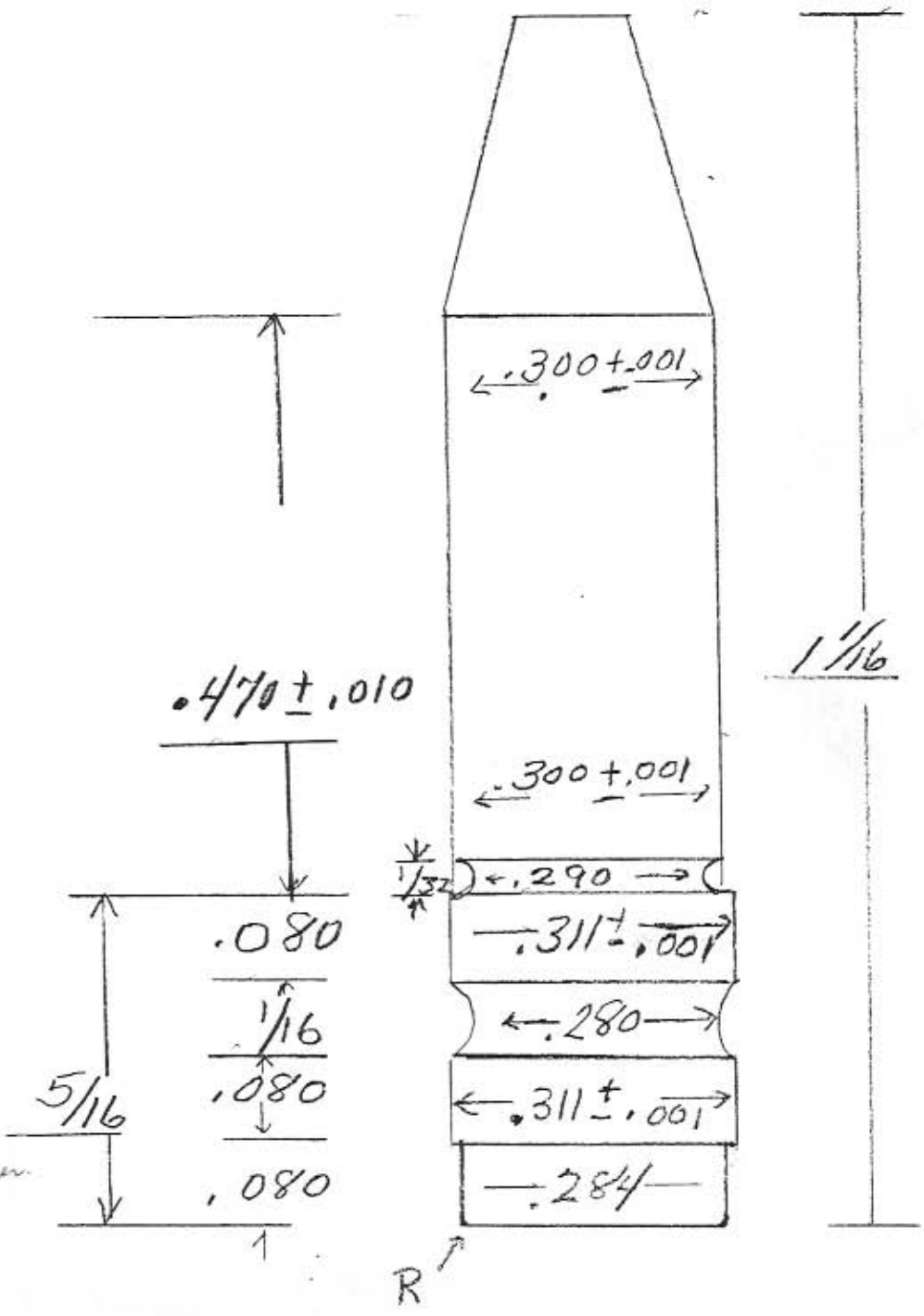
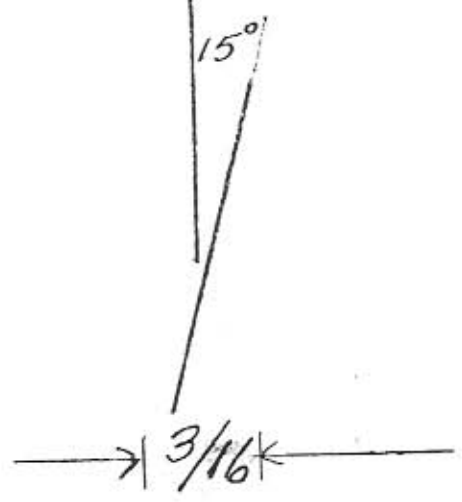
CONVENTIONAL
BULLET FOR
.308 WIN.
.300 SAV. ETC.

DIMENSIONS
CAST IN LINO.

SHORT DRIVE
BAND SECTION
TO SUIT SHORT
NECKS

COMPANION
BULLET TO
THE MX2-30
ALLOWS FIXED
ROUNDS WITH
308W. AND OTHER
SHORT NECK CASES

ALL MX MOULDS
ARE
NOSE POUR



445
- 312
= 132 Shorter

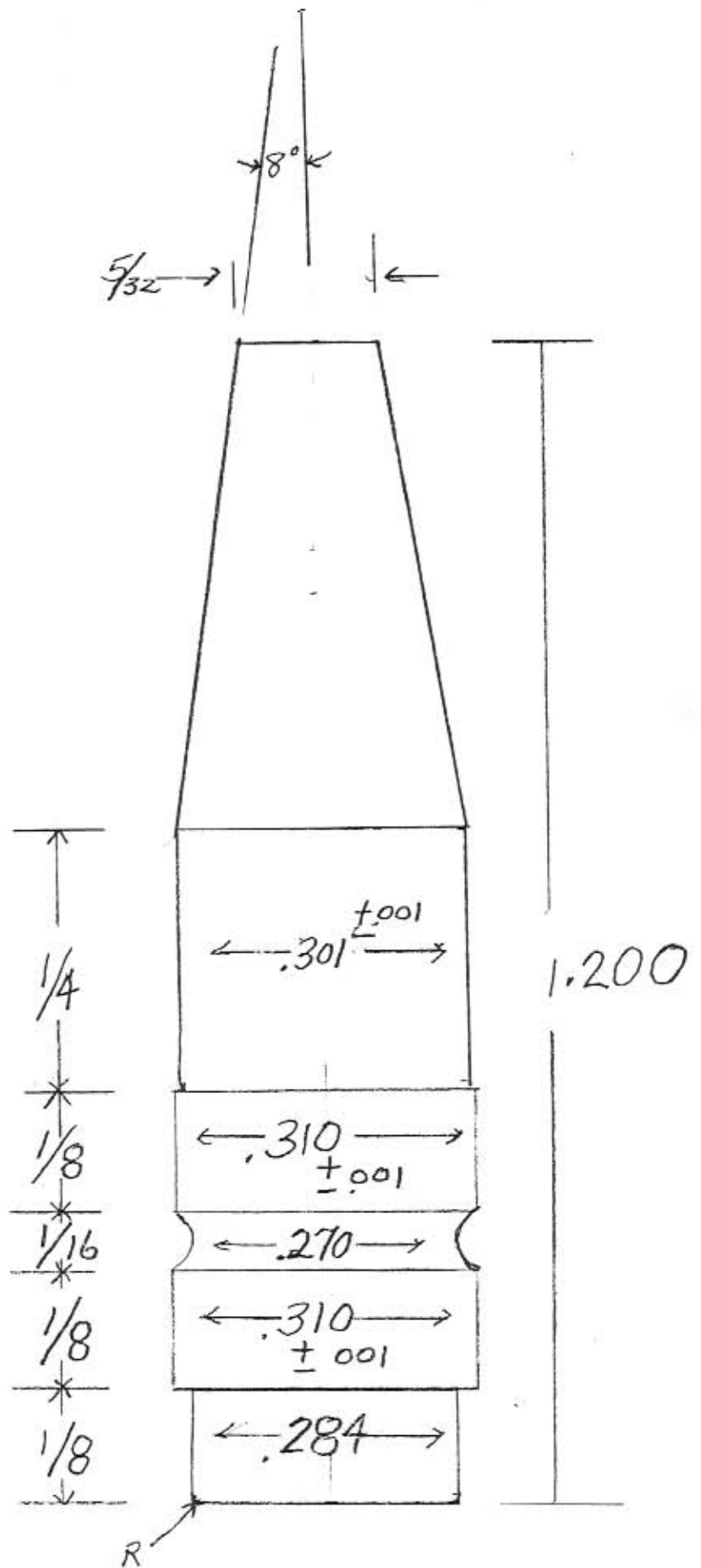
R ↑

EAGAN
GUNSMITHS

MX2-30 H

185 GR G.C.
FOR 30-06 - 30/40
AND OTHER LONG NECK
CARTRIDGES
DIMENSIONS AS CAST
IN LINOTYPE

NOSE POUR



Boydton
Summit

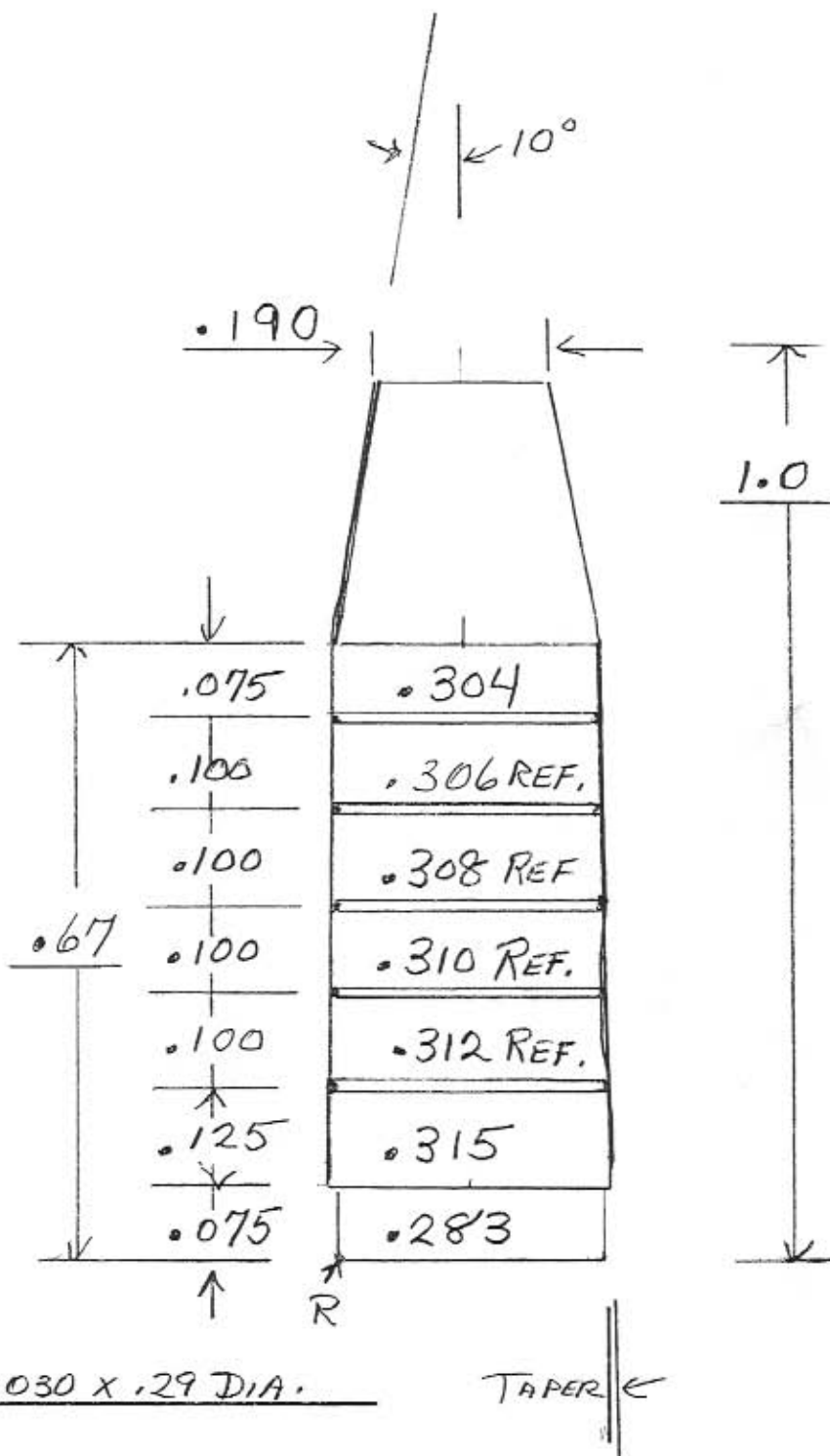
MX3-30 BR

165 GR. G.C.
WITHOUT G.C. + LUBE

NOSE POUR

STRAIGHT TAPERED
BULLET FOR
BENCHREST

REDRAWN - 2/18/91
WEIGHT AND DIAMETERS
CAST IN LINDTYPE
TOL. ON DIES $\pm .001$



Boydson
Summit

MX3-30KBR

165 GR. G.C.
WITHOUT G.C. + LUBE

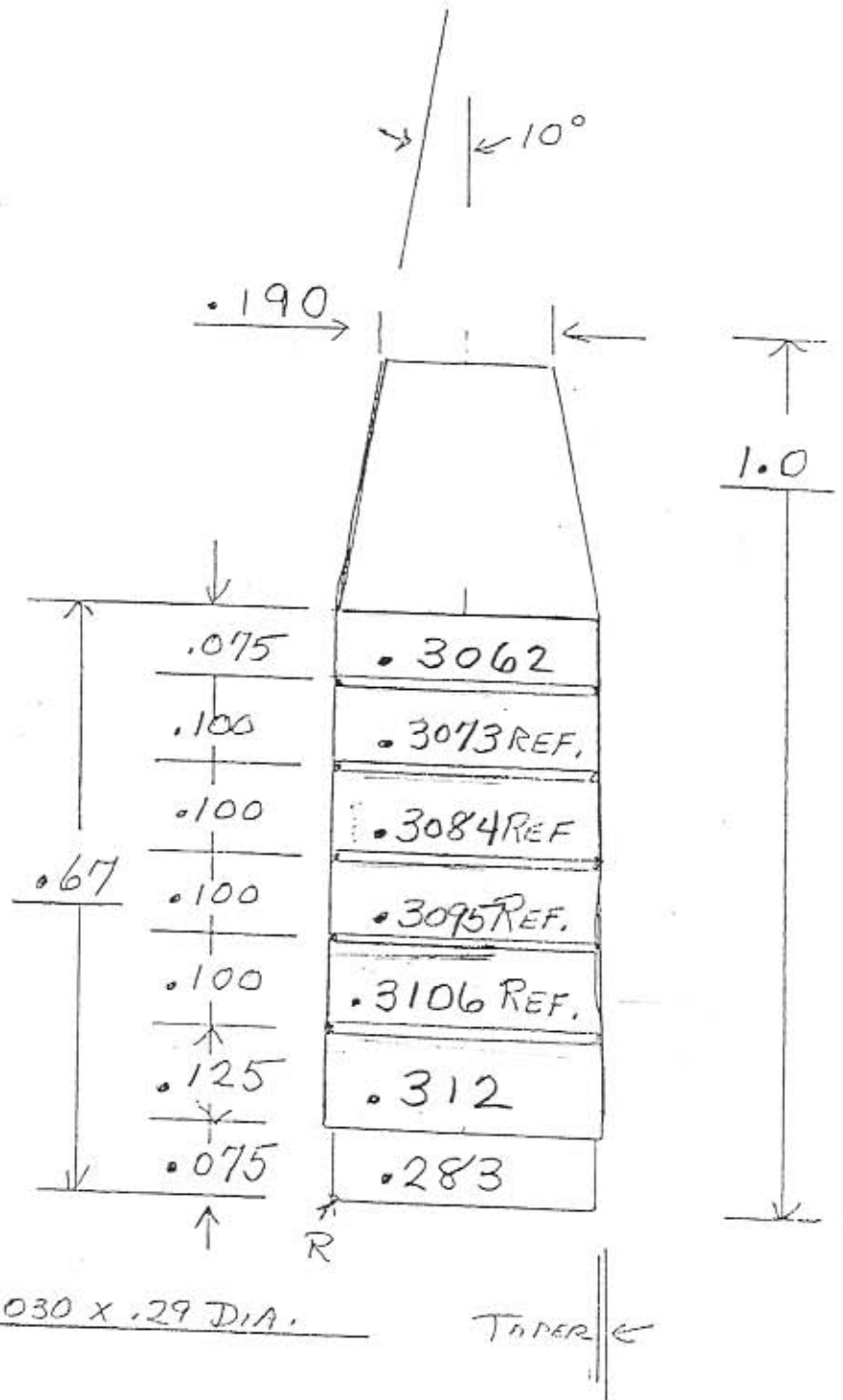
NOSE POUR

STRAIGHT TAPERED
BULLET FOR
BENCHREST

FOR ORIGINAL
.30 KERN
CHAMBERING

REDRAWN - 2/18/91
WEIGHT AND DIAMETERS
CAST IN LINDTYPE
TOL. ON LINES $\pm .001$

NOTE: USE MX3-30BR
FOR OTHER TREATINGS



EAGAN - GUNSMITHS

MX-3-30X

.30/175 G.C.

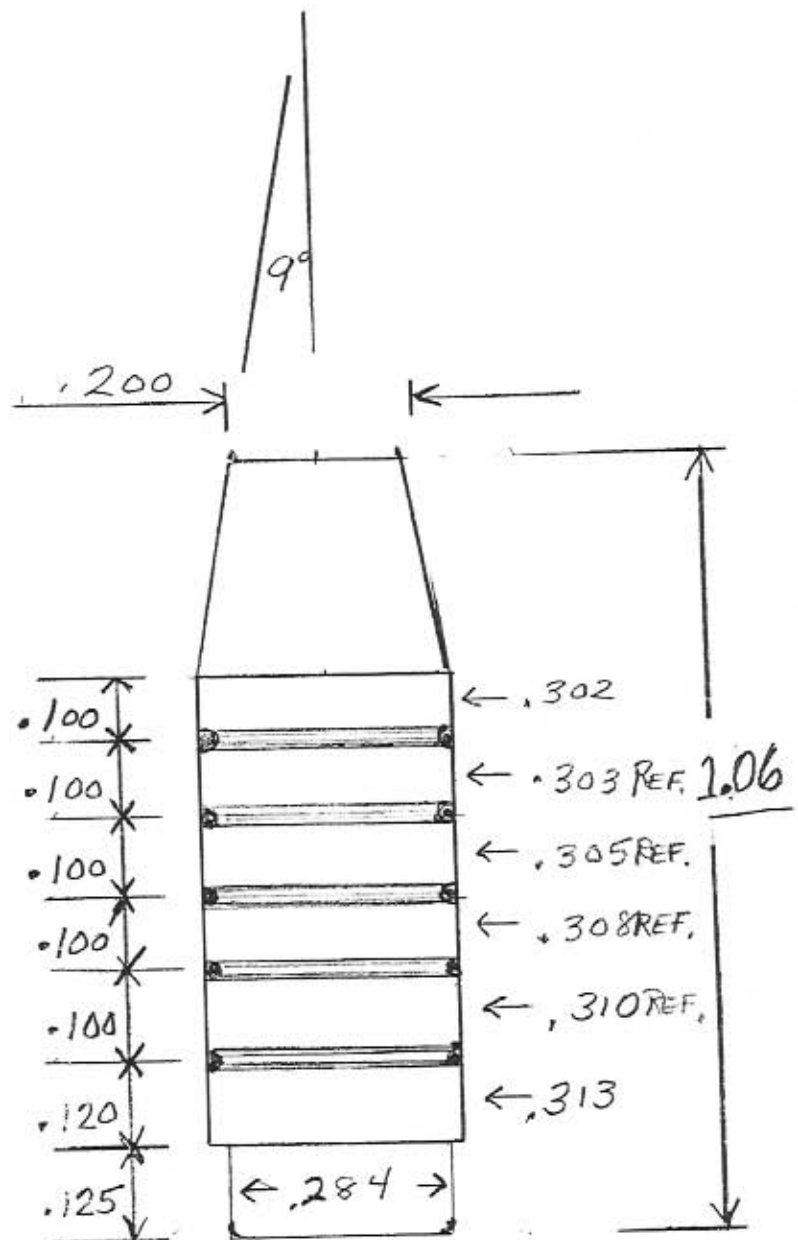
CHERRY #

DESCRIPTION

A STRAIGHT
TAPERED BULLET
FOR BENCHREST

TOLERANCE - DRIVE
BANDS AND G.C. -
 $\pm .001$

M * MOULDS
ARE
NOSE POUR



GROOVES FOR RUBE
ARE .032 WIDE
BY .015 DEEP

NOTE: ALSO AVAILABLE
IN KERN TAPER
.312 → .306 AS
MX3-30KX

- ① DIMENSIONS FOR BULLET CAST IN LINO TYPE.
- ② MADE WITH CHERRY # LISTED
- ③ VARIATIONS WILL BE HELD TO A MINIMUM WHEN NEW CHERRIES ARE PUT IN SERVICE.

EAGAN
GUNSMITHS
BENTON, PENNA.

MX3-30J

155 GR. G.C.*

STRAIGHT
TAPERED
NOSE FOUR
BULLET
FOR BENCH REST

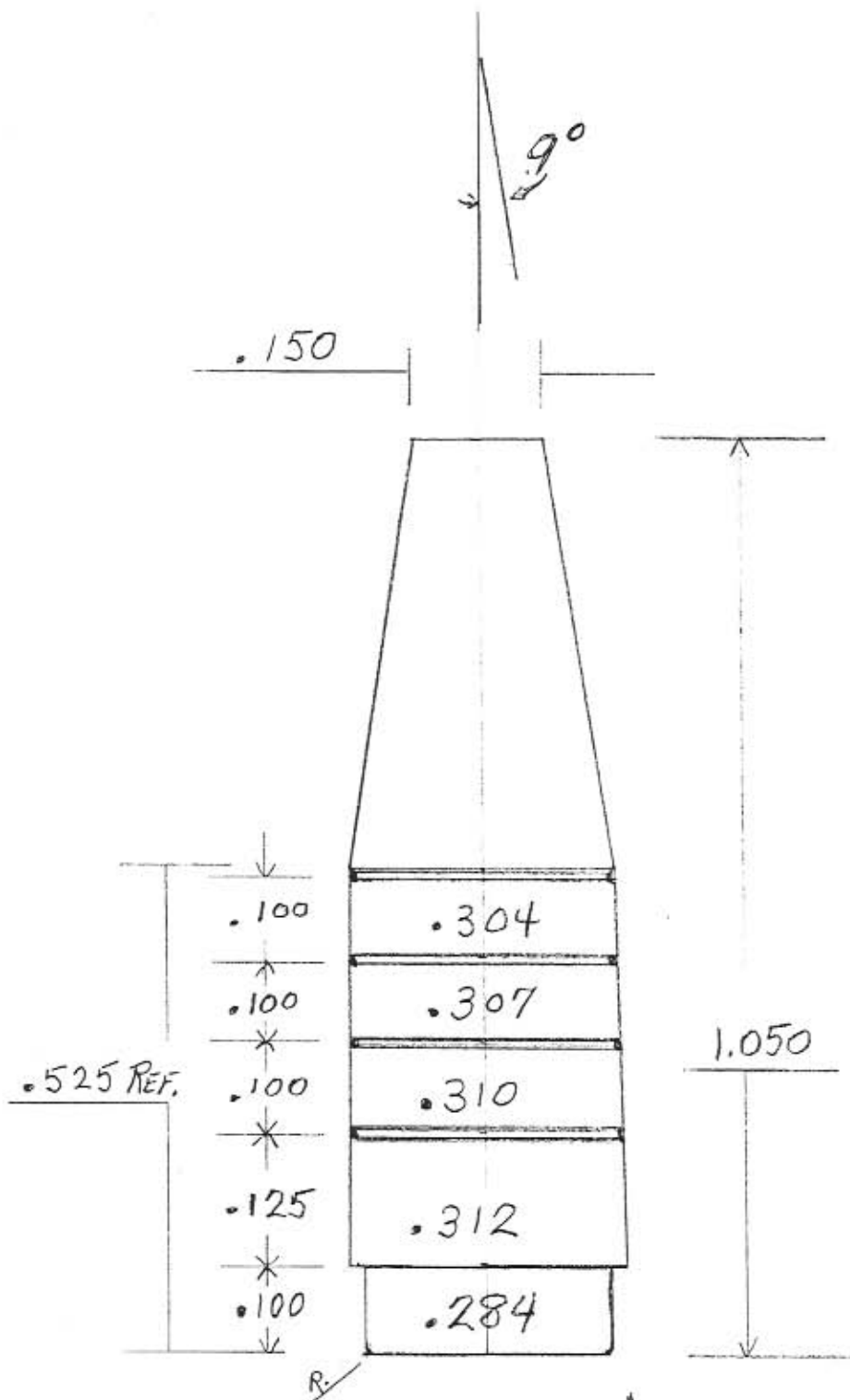
DIMENSIONS AND
WEIGHTS ARE
FOR WINOTYPE
BULLET

TOLERANCES
DIAMETERS $\pm .001$
LENGTHS $\pm .01$
EXCEPT WHERE NOTED

TAPERED DIAMETERS
MEASURED AT LARGE
END OF BAND.

* DRESSED WEIGHT
(WITH LUBE AND GAS
CHECK)

APP. 160 GRs.



GROOVES - .030 X .295 DIA.

STRAIGHT
TAPER
1° 9'
INCLUDED
ANGLE

8/90

EAGAN

GUNSMITHS

MX 3-30 U.S.

196 GR. G.C.

FOR BENCH REST
OR TARGET
A STRAIGHT

TAPERED HEAVY

BULLET WITH GOOD
BALLISTIC COEFFICIENT

MINIMUM TWIST
12"

MINIMUM VELOCITY WITH
12" TWIST - 2000 FPS.

TOL. - AS INDICATED -
DIA. MEASURED AT
REAR OF BAND

WGT IN LINOTYPE

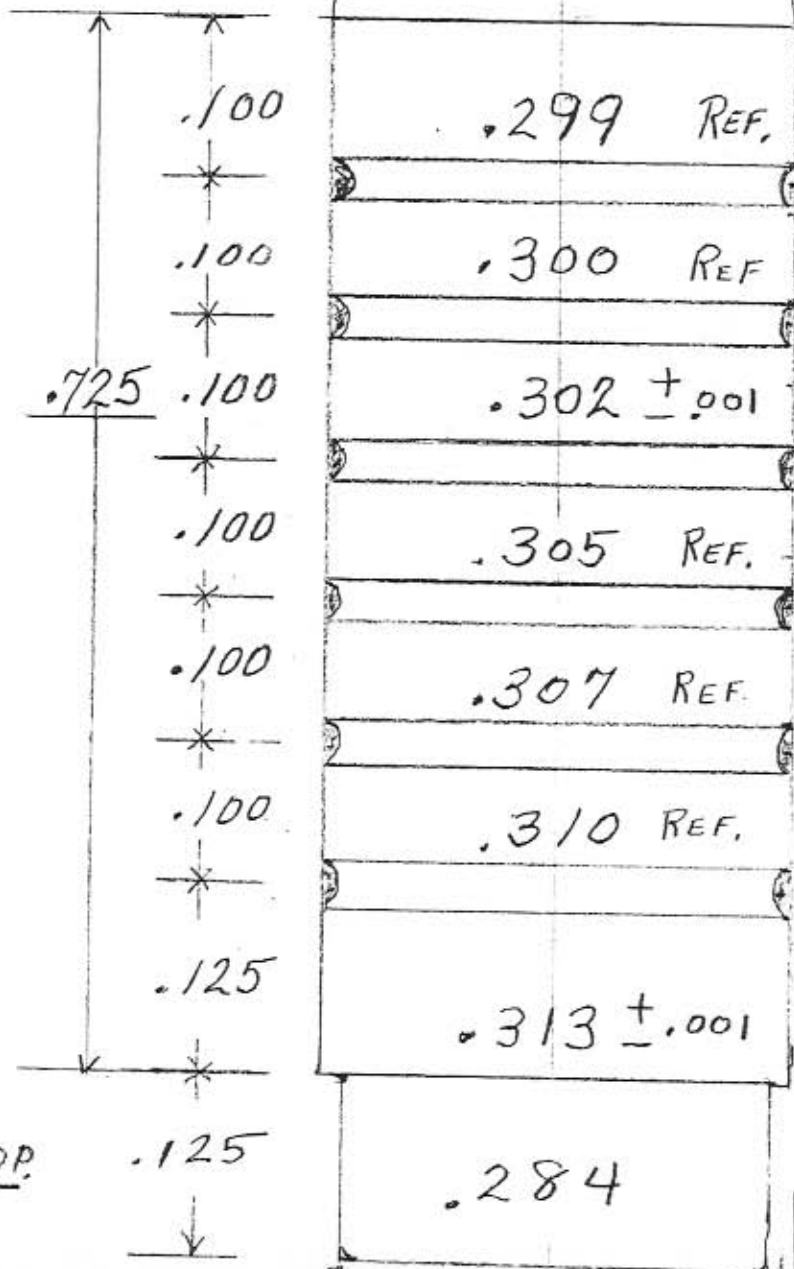
196 GR.
WITH G.C AND LUBL
200 GR.

NOSE POUR

GROOVES $\frac{1}{32}$ W. X .015 DP.

$\frac{5}{32}$ " FLAT

9°

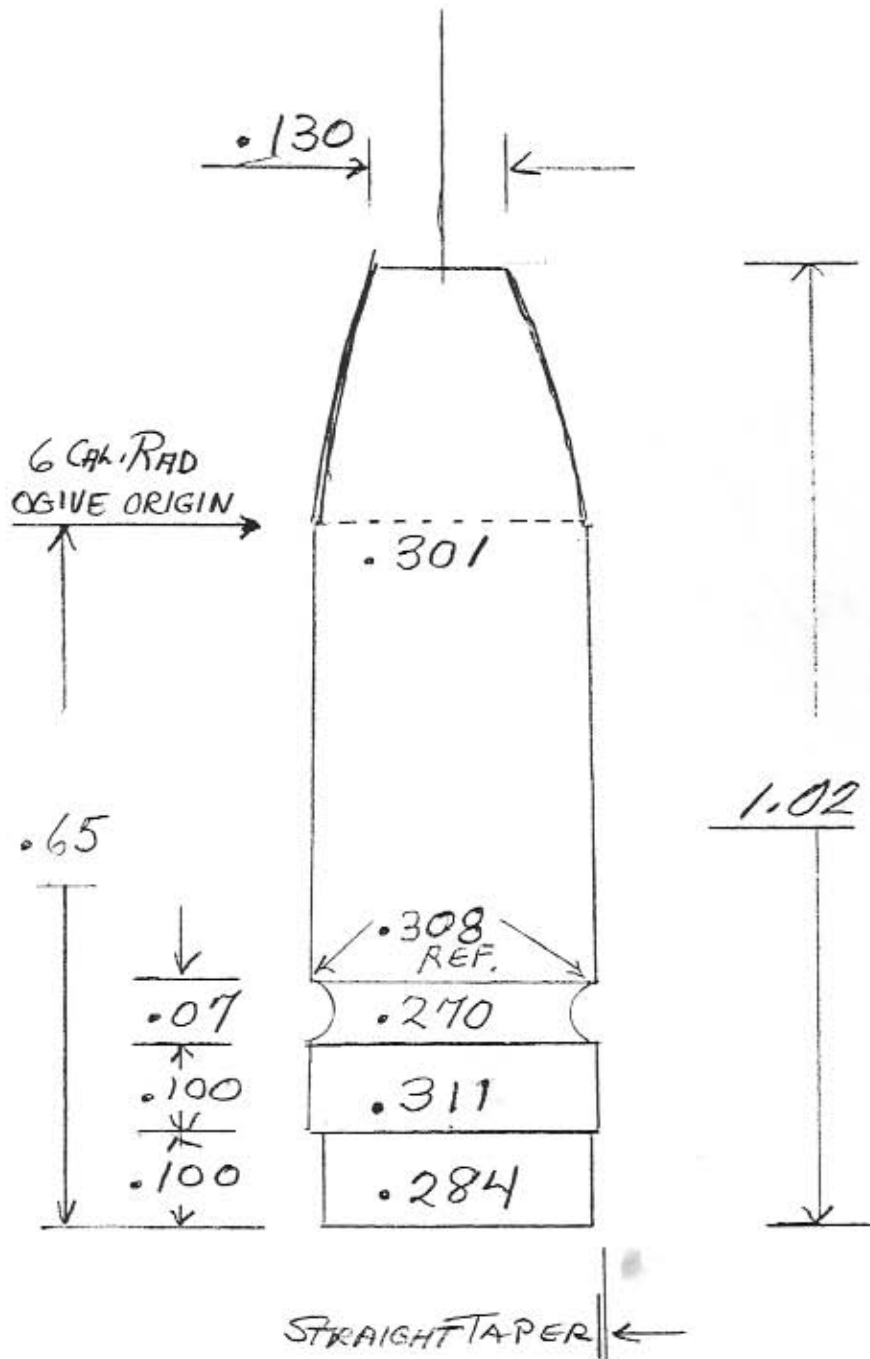


$\frac{1}{4}$ c

R

TAPER
APPROX.
10

Egan Gunsmiths
MX3-30 AR
166 GR. G.C.
NOSEPOUR
A TAPERED BULLET DESIGNED FOR JOHN ARDITO
INITIAL. 2/91
WGT AND DIAS. IN LINO TYPE
TOL. DIAS. $\pm .001$



*Eagan
Gunsmiths*

MX3-30 ARD.

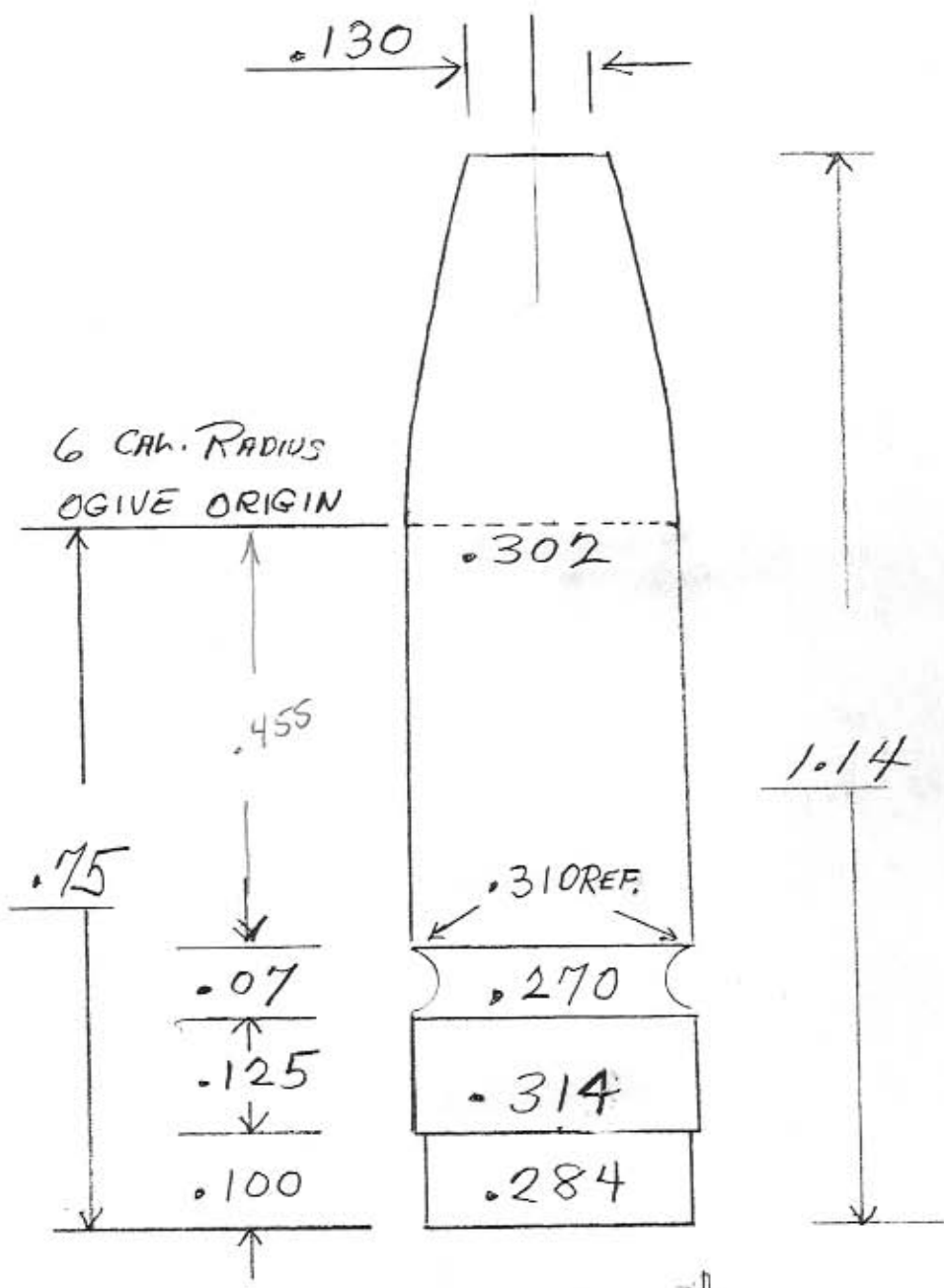
188 GR. G.C.

NOSEPOUR

TAPERED BULLET
DESIGNED
FOR JOHN ARDITO

INITIAL 2/91
WGT. AND DIAS. AS
CAST IN HINDTYPE

TOL: DIAS. $\pm .001$



66% Bearing

STRAIGHT TAPER ←

Eugen
Gunsmiths

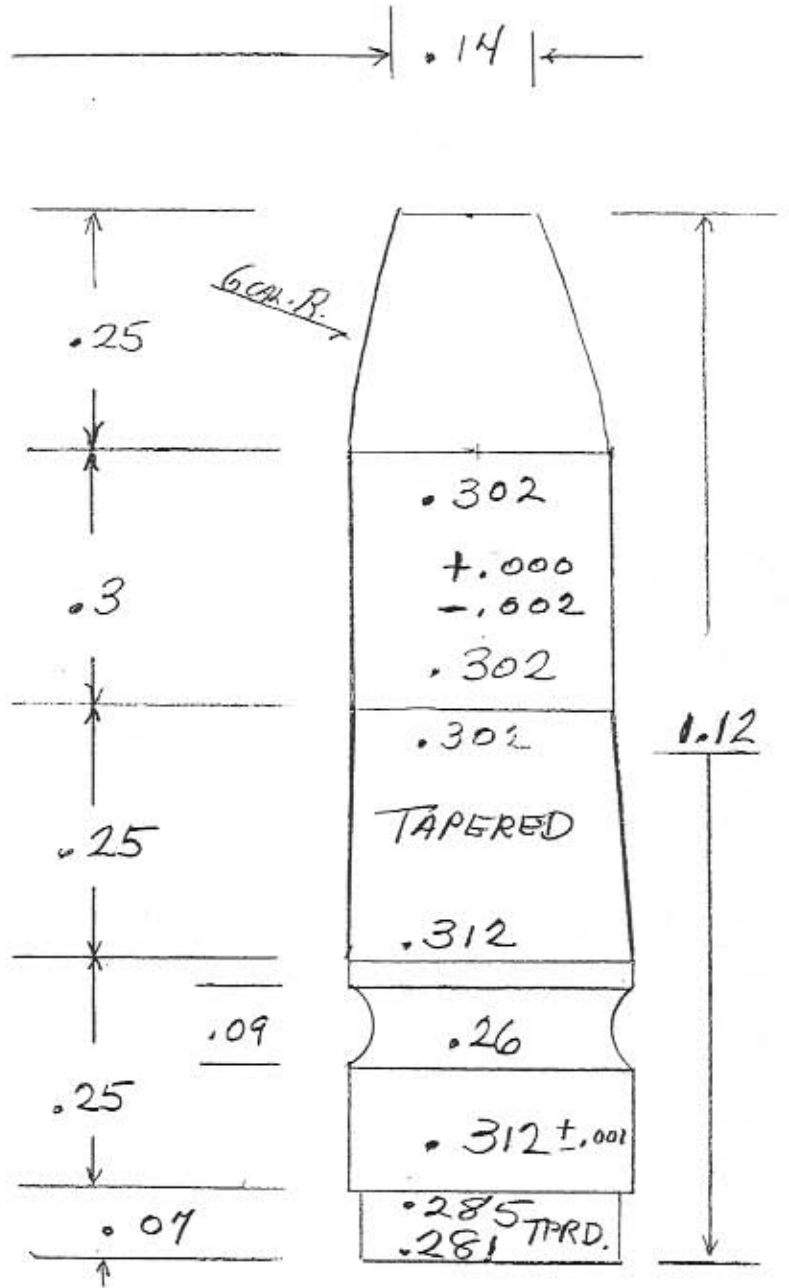
MX4-30A

190 GR. G.C.

FOR
JOHN ARDITO
BENCHREST AND
TARGET

DIMENSIONS AS LAST
IN
LINO TYPE

DRAWN 7/92



78% Beaming

GAS CHECK
SHANK
IS
TAPERED

Eugene Gunsmith
BENTON PENNA.

MX4-30 ARD

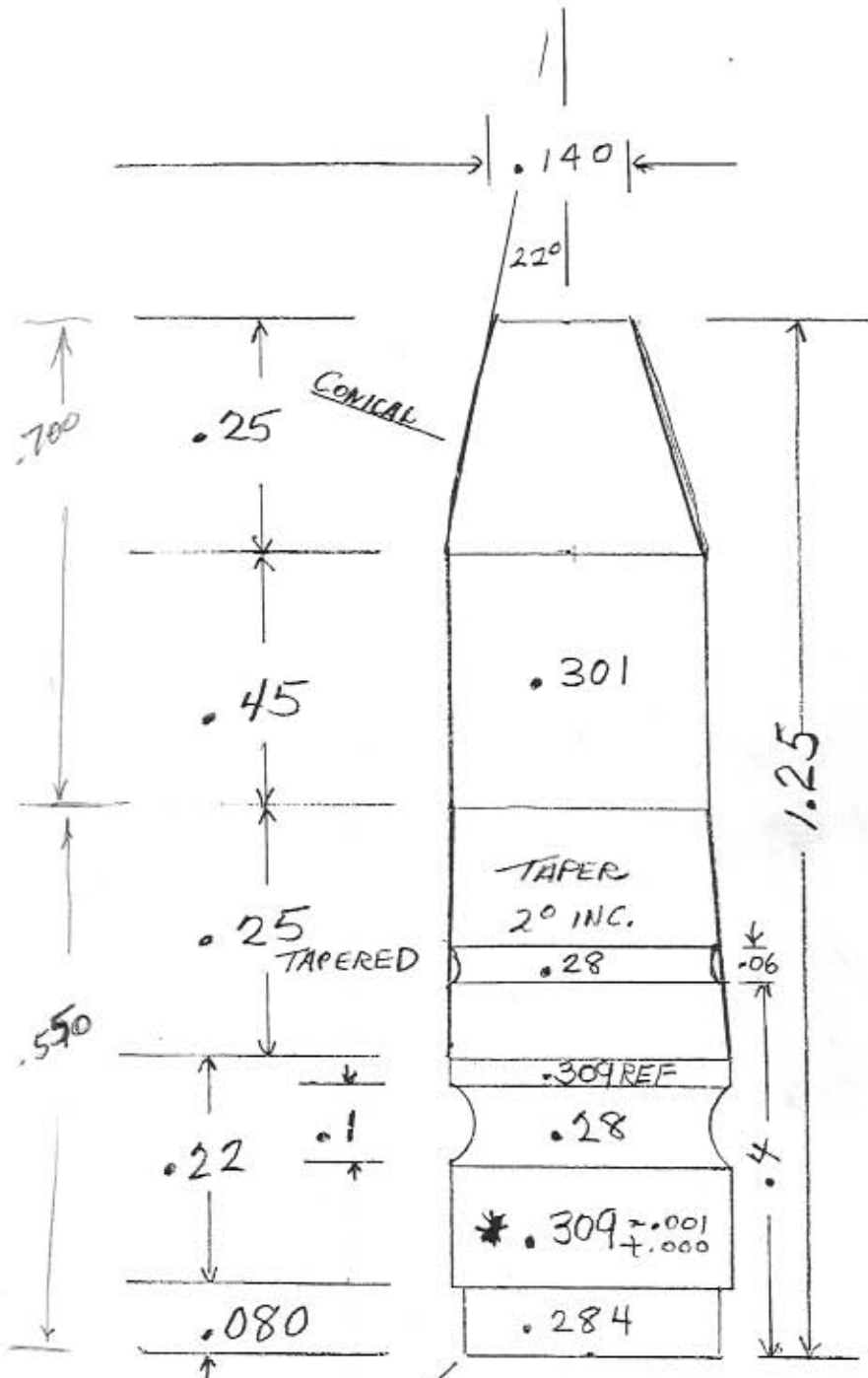
212 GR. G.L.

FOR
J. ARDITO

Tol. $\pm .001$ ON
3 PLACE DIAS.
WGT. AND DIM.
AS CAST IN LINO

NOSE POUR

3/12/95



NOTE

* AVAILABLE WITH THIS
DIMENSION $.311 \pm .001$
ORDER MX4-30ARD #2

80% bearing

.470
.080
.550
GC + .020
.570

EAGAN
 GUNSMITHS
 BENTON
 PENNSYLVANIA

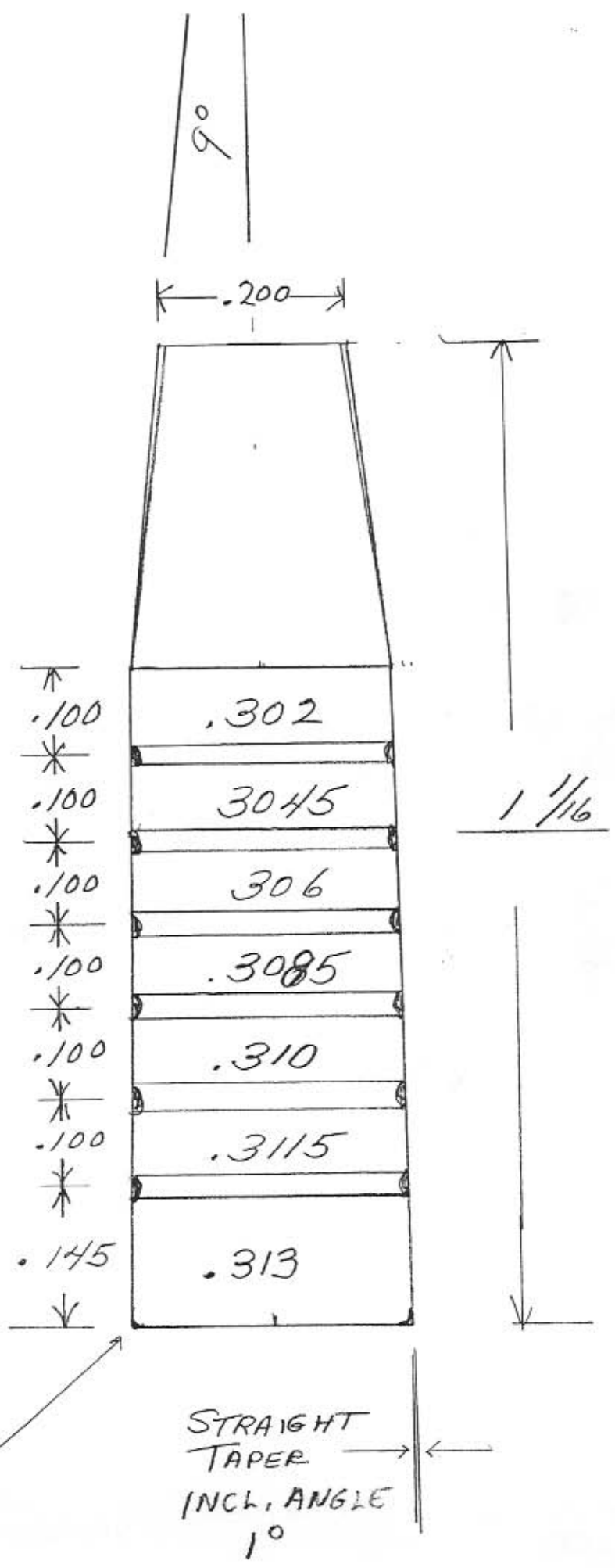
MX 3-30S
 180 GR.

30 CAL. PLAIN
 BASE - TAPERED

NOSE POUR
 ALL DIMENSIONS AS
 CAST IN LINOTYPE
 DIAS AT LARGE END
 OF BAND.

TAPERED LUBE DIE
 FOR LYMAN-RCBS
 AVAILABLE ON
 ORDER
 30S-TL DIE

GREASE GROOVES
 .030 X .015 DEEP



Eagan
Lunsmith

MX3-32 S *

190 GR. PLAIN BASE

NOSEPOUR

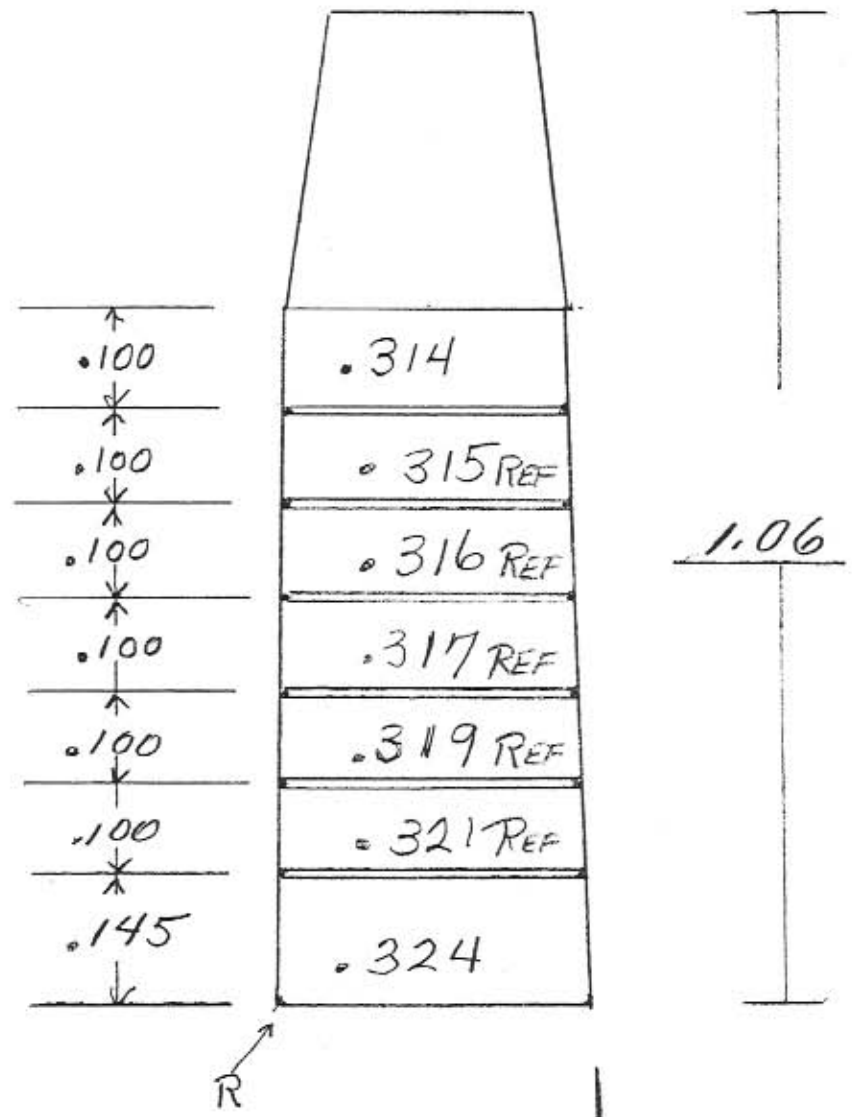
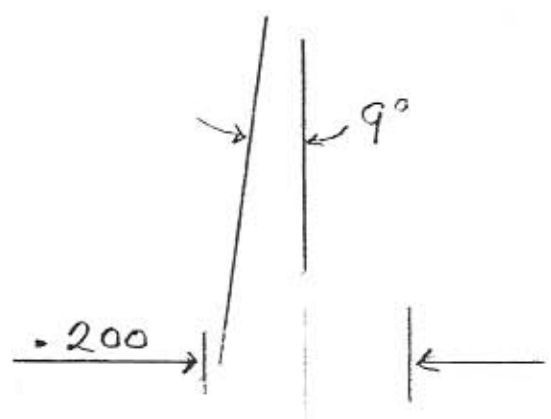
STRAIGHT TAPERED
 PLAIN BASE BULLET

REVISED 6/1/88

REDRAWN 2/91

WGT AND DIAS. AS
 CAST IN HANDTYPE

TOL. DIAS - $\pm .001$



* NOTE - AVAILABLE WITH DIMENSIONS AS CAST IN 1-20 ALLOY AS MX3-32S#2

GROOVES - .1030 WIDE X .015 DP.

STRAIGHT TAPER

A diagram showing a straight taper with two arrows pointing outwards from a central vertical line.

*Edgar
Gusmuth*

MX 4 - 32A

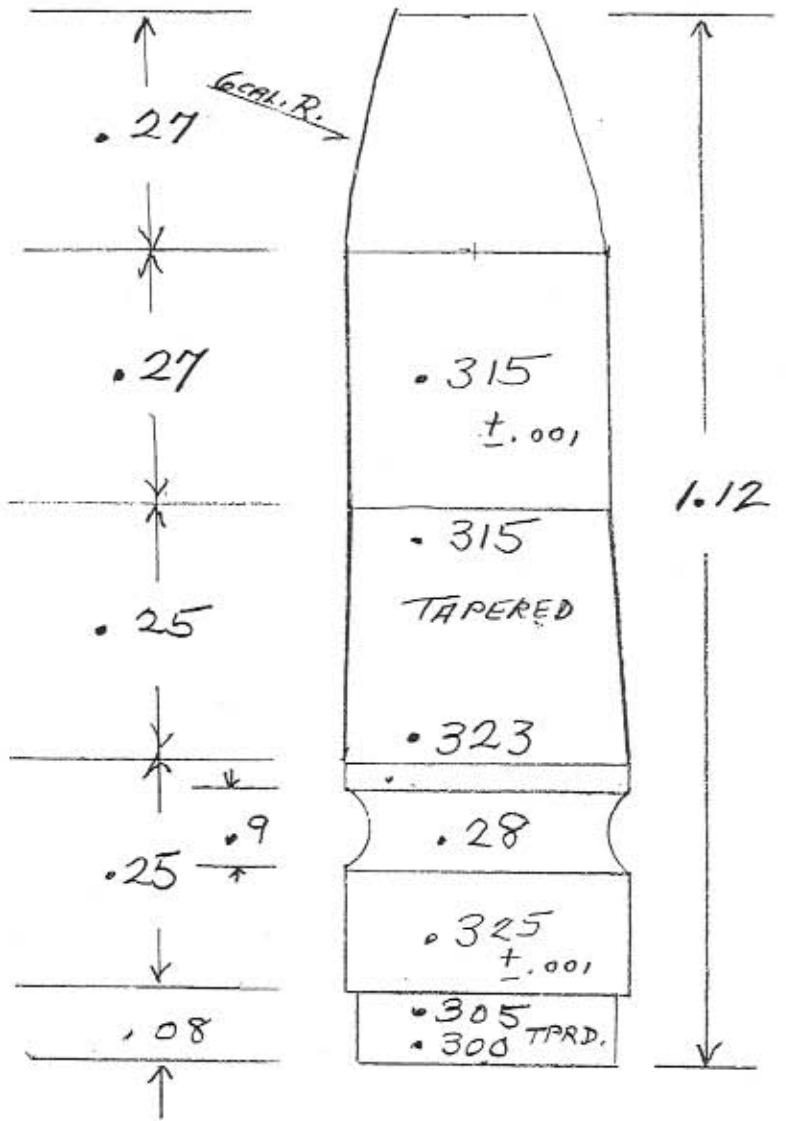
210GR G.C.

FOR
JOHN ARDITO
BENCHREST AND
TARGET

DIMENSIONS AS CAST
IN
LINO TYPE

DRWN. 7/92

NOSE FLAT | .14 |



GAS CHECK SHANK - TAPERED

EAGAN

GUNSMITHS

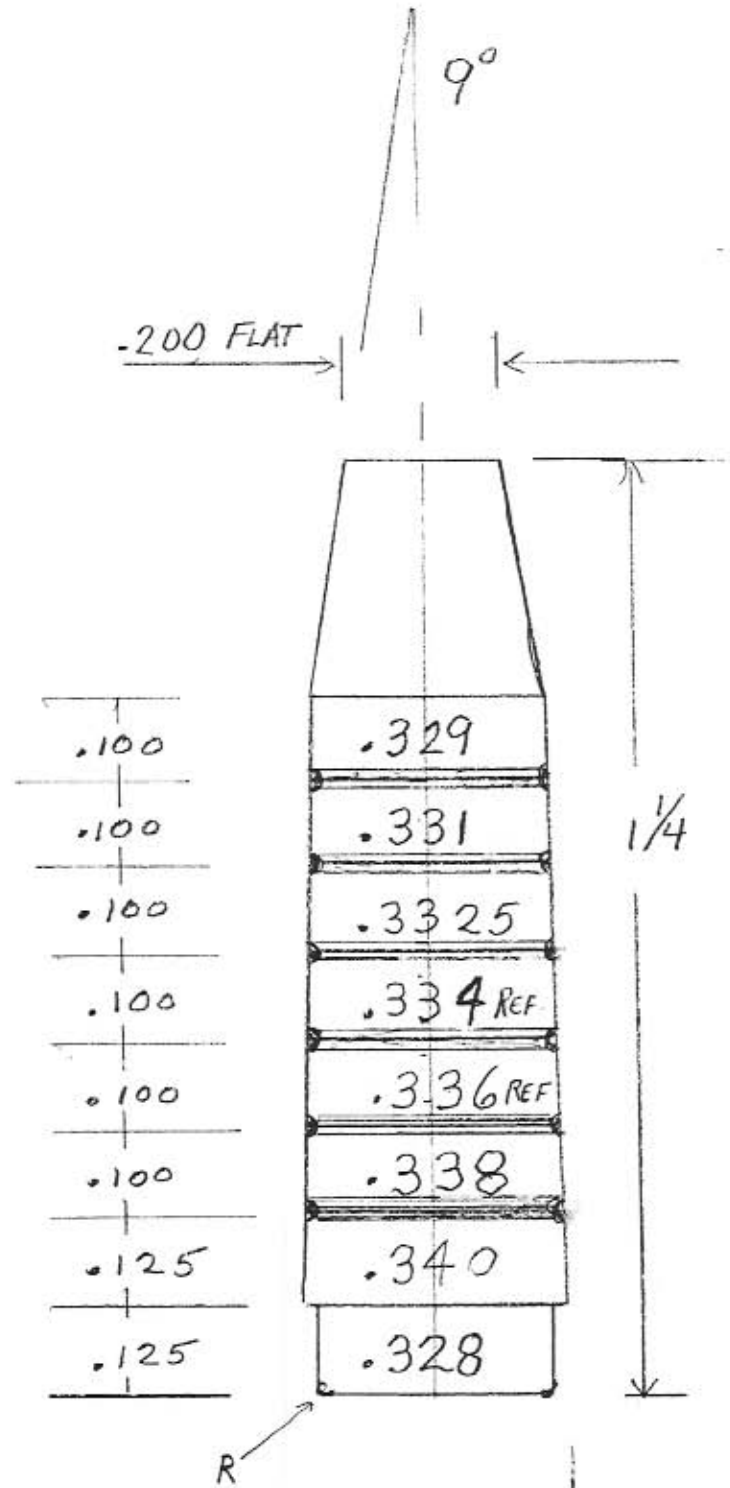
MX3-338

250 GR. G.C.

STRAIGHT
TAPERED DESIGN
NOSE POUR MOUND

DIMENSIONS AS CAST
IN LINOTYPE

TOP DIAS $\pm .001$
MEASURED AT LARGE END
OF BAND

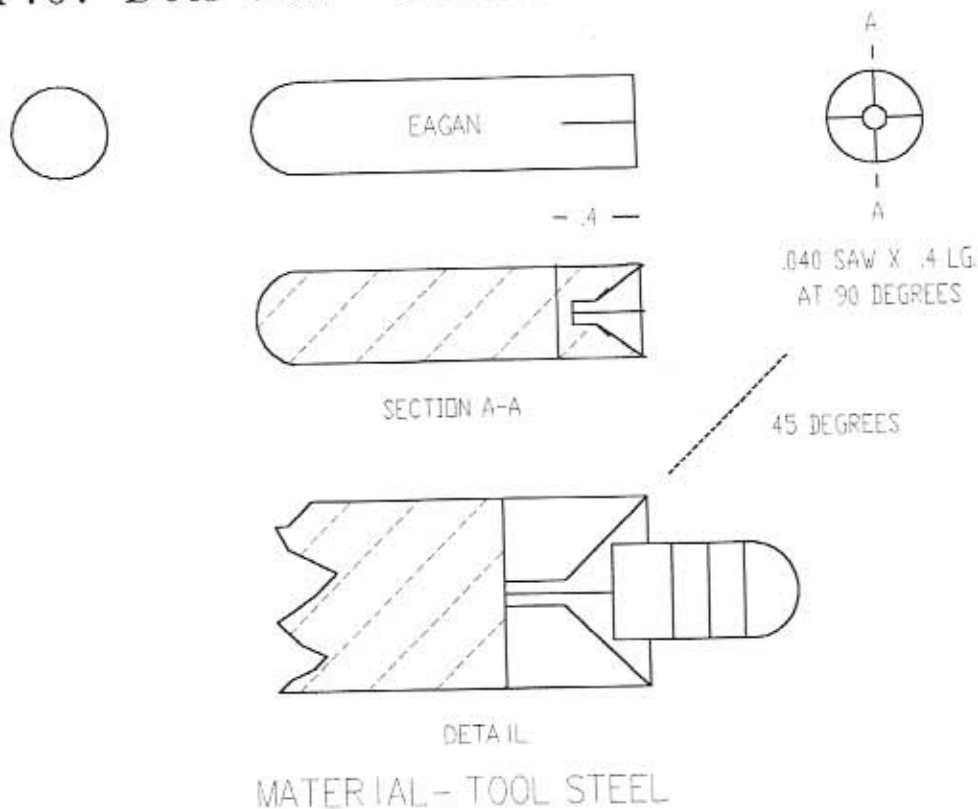


GROOVES ARE 1/32 X 1/64 DEEP

STR.
TAPER

EAGAN-GUNSMITHS

P.O. BOX 196 -BENTON PA. 17814



UNIVERSAL CALIBERS .22 THROUGH .45

BULLET BASE CHAMFER TOOL

THE CHAMFER TOOL IS DESIGNED TO BEVEL THE SHARP EDGE OF THE BULLET BASE TO FACILITATE FULL SEATING OF GAS CHECKS.

IT IS AN AID ON PLAIN BASE BULLETS FOR NON-SNAG SEATING. THE DESIGN IS SUCH THAT THE METAL LOSS IS MINIMAL THROUGH A SCRAPING ACTION RATHER THAN A CUTTING ACTION.

A BEVEL OF 1/64th(.015) WIDTH IS USUALLY SUFFICIENT.

THE BEVEL IS AT 45 DEGREES TO THE CENTERLINE.

ROTATION MAY BE EITHER CLOCKWISE OR ANTI-CLOCKWISE.

EAGAN GUNSMITHS

MX LUBRICATING DIE

LUBRICATOR MOD.

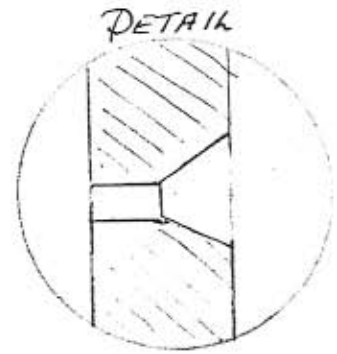
LYMAN 450
RCBS -

SPECIAL ORDER
LYMAN 45

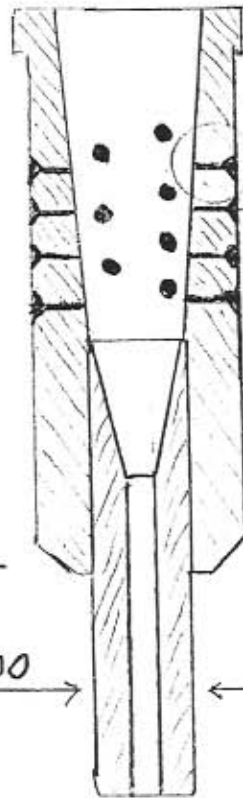
FOR - *
MX3-30G
MX3-30X
MX3-30US

USE OF A SOLID
BOX WRENCH
ON LUBE STEM
RECOMMENDED
RELEASE PRESSURE
BEFORE EJECTING

MX TAPER .020 PER INCH
(EXAGGERATED)



SECTIONED
VIEW



30 HOLES - 8 ROWS
STAGGER SPACED
.050
.080 HOLE WITH
3/16 X 60° CH.

TOTAL COVERAGE 3/4"

NOTE:

HOLES MAY BE "PLUGGED"
BY PLACING LEAD SHOT IN
COUNTERSINK - HELD IN PLACE
BY LUBE - THUS ALLOWING
"CUSTOMISING" OF COVERAGE.

WHEN ORDERING SPECIFY:
BULLET DESIGN OR
9° NOSE PUNCH - 10° NOSE PUNCH

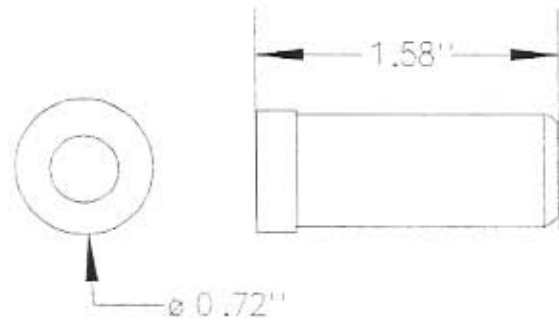
EJECTOR PUNCH WITH NOSE TAPER SEAT
THROUGH HOLE 1/8" TO ELIMINATE
AIR-LOCK AND EXCESS LUBE
REMOVAL.

PRICE \$ 35.00 P.P.D

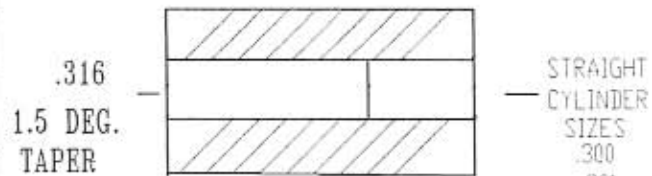
EAGAN-GUNSMITHS BENTON, PENNA.

T-DIES

SIZING- NON- LUBRICATING
FOR LYMAN AND RCBS



.30T AND .30T "S" TAPER



.30T SPECIAL DIE

STRAIGHT
CYLINDER
SIZES
.300
.301
.302

PRICES

30T (1.5 DEG.) X=.316 Y=.285	\$ 16.00
.30T "S" (1 DEG.) X=.316 Y=.290	\$ 16.00
30T SPEC. .316 X .300/.301/.302	\$ 24.00
FOLLOWING ARE ALL 1.5 DEGREE "T" DIES	
22T	\$ 24.00
24T	\$ 18.00
26T	\$ 18.00
28T	\$ 16.00
32T	\$ 16.00
FLAT BASE TOP PUNCH ANY CALIBER	\$ 7.00

T-DIES WERE PRIMARILY DESIGNED FOR MX3
BULLETS.
SOME SHOOTERS HAVE FOUND THEM USEFUL
IN MODIFYING CONVENTIONAL BULLETS TO
SUIT THEIR BORE AND LEADE CONDITIONS.
BULLETS SHOULD BE WELL LUBRICATED
PRIOR TO SIZING

NOTES ON SPECIAL DIES

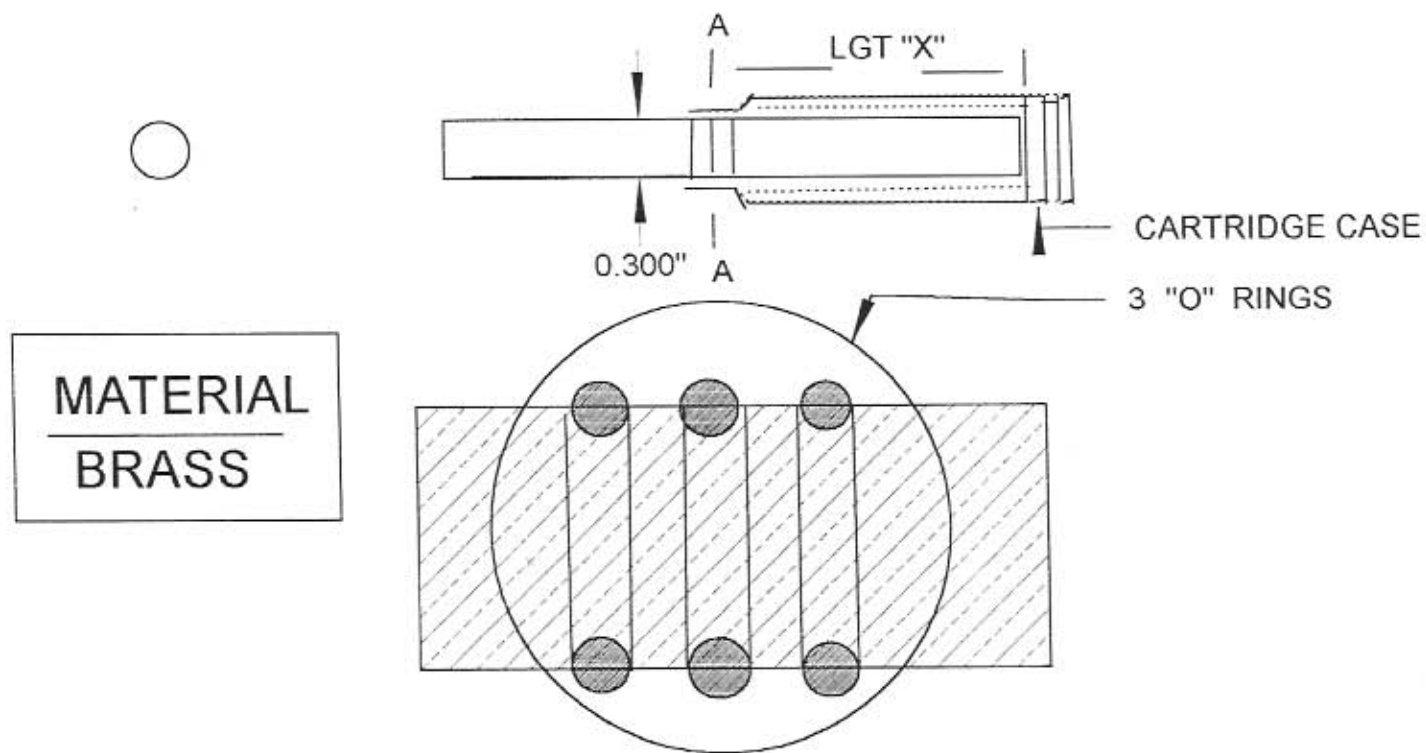
SPECIAL DIES TO YOUR SPECIFICATIONS
OR THROATING . WRITE FOR QUOTE.

THE 30T SPECIAL DIE CYLINDRICAL SECTION
WILL ALSO BE AVAILABLE IN .299 AND .303
ON SPECIAL ORDER.

DIES WITH SPECIAL FORMS TO FIT LEADE
.310 X 2.5 DEGREE (5 DEGREES) INCLUDED ANGLE
.310 X 1.5 DEGREES (3 DEG.) INCLUDED ANGLE
.310 X 45 MINUTES(1.5) DEG.INCLUDED ANGLE
.310 X 30 MINUTES (1) DEG. INCLUDED ANGLE
PLEASE SPECIFY BORE DIAMETER

EAGAN- GUNSMITHS

BENTON, PENNSYLVANIA



DETAIL- SECTION A-A

NOTE; DIMENSION "X" TO SUIT CARTRIDGE CASE

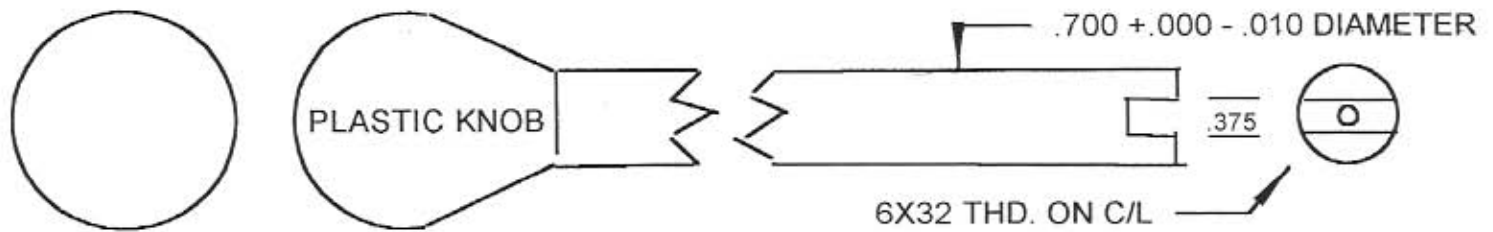
MX POLISHING MANDREL CAL. .30

DESIGNED FOR SHOOTERS WHO USE 15 TO 20 SELECT CASES AND RELOAD AT THE SHOOT. OFTEN IT IS NOT PRACTICAL TO TUMBLE OR BOIL CASES. THIS TOOL AFTER THE SHOOT IS OVER WHEN IT CAN BE USED WITH A CORDLESS OR ELECTRIC DRILL WILL QUICKLY CLEAN A SMALL LOT OF CASES WITH STEEL WOOL OR POLISHERS SUCH AS NEVER-DULL.

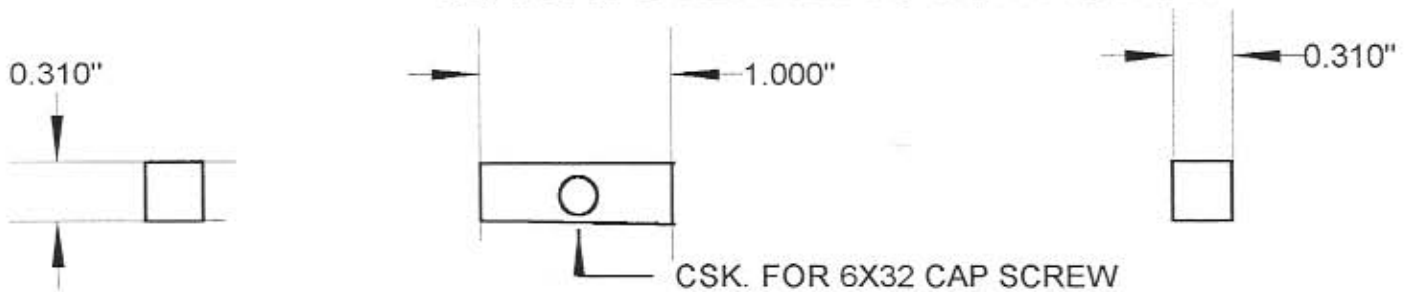
PRICE --\$10.00**PLEASE STATE CARTRIDGE .30 ONLY
WILDCATS .30BR .30X1.5 ETC. SEND SAMPLE CASE.

EAGAN-GUNSMITHS

BENTON, PENNSYLVANIA



MATERIAL: BODY 6061 ALUM.
LENGTH OVERALL TO SUIT ACTION



CROSSPIECE
MATERIAL: BRASS 5/16ths SQ.

MX BOLT LUG RECESS CLEANING TOOL

THE TOOL USES EITHER FOLDED CUT TO SIZE PATCHES OR FELT DISCS WHICH ARE HELD FIRMLY IN PLACE BY THE CROSSBAR TO CLEAN THE BOLT RECESSES IN THE RECEIVER. MADE FOR REMINGTON 700 AND 40X ACTIONS. PLEASE STATE WHETHER FOR LONG OR SHORT ACTION.

PRICE \$ 30.00 POSTPAID

OTHER ACTIONS: PLEASE WRITE FOR QUOTE STATING MAKE MODEL & CAL.
DONALD V. EAGAN - GUNSMITH
P.O. BOX 196
BENTON, PA. 17814
PHONE 570/925/6134

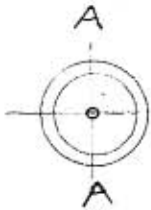
Eagan Gunsmiths Berston Pa.

DE-BURR WITH CUTTING END

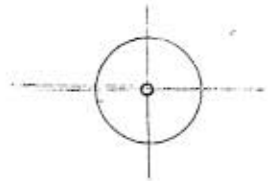
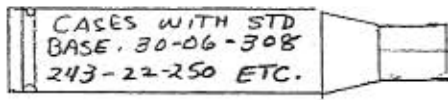
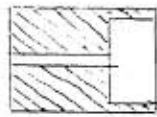
GAGE WITH SHANK END ONLY



DRILL .078 - .002 UNDER STD.
FLASHHOLE



SEC. A-A



- ① DRILL ENTERS FLASHHOLE - O.K. - WITHIN .003
- ② DRILL DOES NOT ENTER - N.G. ECCENTRIC
- ③ DRILL STARTS - WILL NOT PASS THRU - ANGULAR

MX - FLASH HOLE GAGE - STD BASE \$

OTHER CASE SIZES AVAIL. ON SPEC. ORDER
.078 DRILL INCLUDED WITH GAGE

CONCENTRIC FLASHHOLES - ARE THEY NECESSARY?

If you use Lee Collet Neck Sizing Dies - you need Centered Flashholes!

The Collet Dies use the sizing mandrel with decapping pin to orient the neck of your cartridge case when it is sized. Off center flashholes will result in necks which are not aligned with the case center line. Bullet seating follows this misalignment and results in bullet runout.

The MX Flashhole Gage will quickly reject cases with a runout over .006 of the flashhole with the outside diameter of the case. The flashhole will be centered within .003 assuring match quality cases. The gage is fast and simple to use.

Many cartridge cases have a centered flashhole with an off-center primer pocket giving the appearance of an off center flashhole. The gage will not be deceived by this visual illusion. Some cases have an angled flashhole which appears centered. The gage will reject these apparently good cases.