

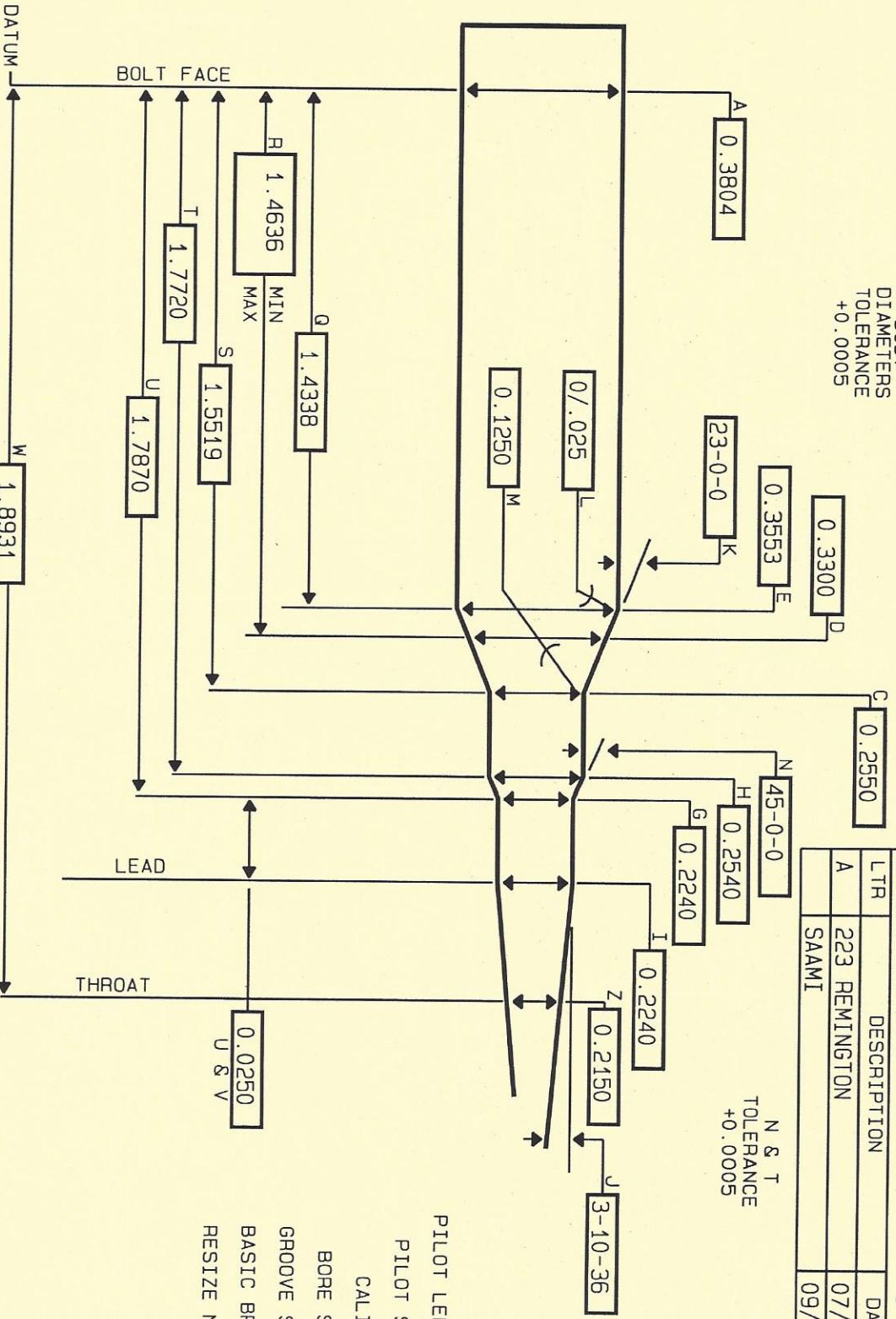
0514

BODY
DIAMETERS
TOLERANCE
+0.0005

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	223 REMINGTON	07/21/95	KF/LC
	SAAMI	09/04/98	KH (OAL)

N & T
TOLERANCE
+0.0005

ANGLE
TOLERANCE
±15 MIN.



PILOT LENGTH	0.5000
PILOT SIZE	0.2190
CALIBER	22CF
BORE SIZE	0.2190
GROOVE SIZE	0.2240
BASIC BRASS	223 REM
RESIZE N.D.	0.2420

DESIGNER		LENGTHS TOLERANCE +0.0050	
NAME _____		COOS BAY, OR USA	
PHONE () _____		JGS 97420	
		SIZE A	DWN. DATE 08/03/04
		SCALE NONE	PRINT # 0514
		RIMLESS OR REBATED RIFLE MINIMUM CHAMBER	

COMMENT: Throat datum .222 x 1.830 to bolt face. 5.0 oal & 2.0 shank per K.H. 09/04/98.

5.56 AMUGW

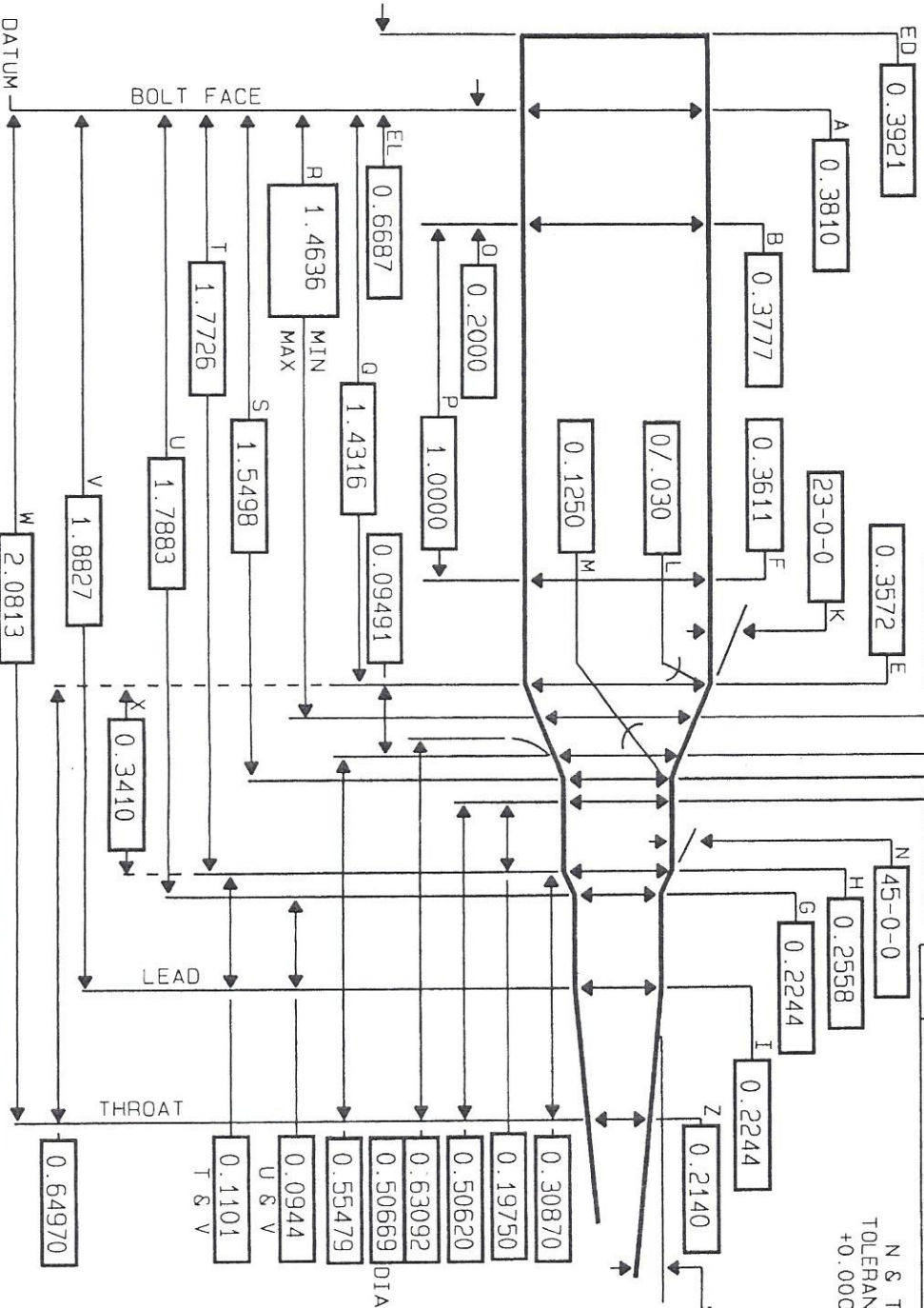
BODY
DIAMETERS
TOLERANCE
+0.0005

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
	5.56 AMU Gone Wylde	08/28/09	CP/CE
	Custom		

N S T
TOLERANCE
+0.0005

ANGLE
TOLERANCE
±15 MIN.



SHANK LENGTH	1.7500
PILOT LENGTH	0.5000
OAL BLANK	5.0000
PILOT SIZE	0.2190
CALIBER	5.56MM
BORE SIZE	0.2190
GROOVE SIZE	0.2240
BASIC BRASS	5.56/223
RESIZE N.D.	
MARGIN	

TPI in 20 INCHES	
BODY TPI	0.16625
NECK TPI	0.04488
THROAT TPI	0.52372

DESIGNER
NAME AMU Will Carpenter
PHONE ()

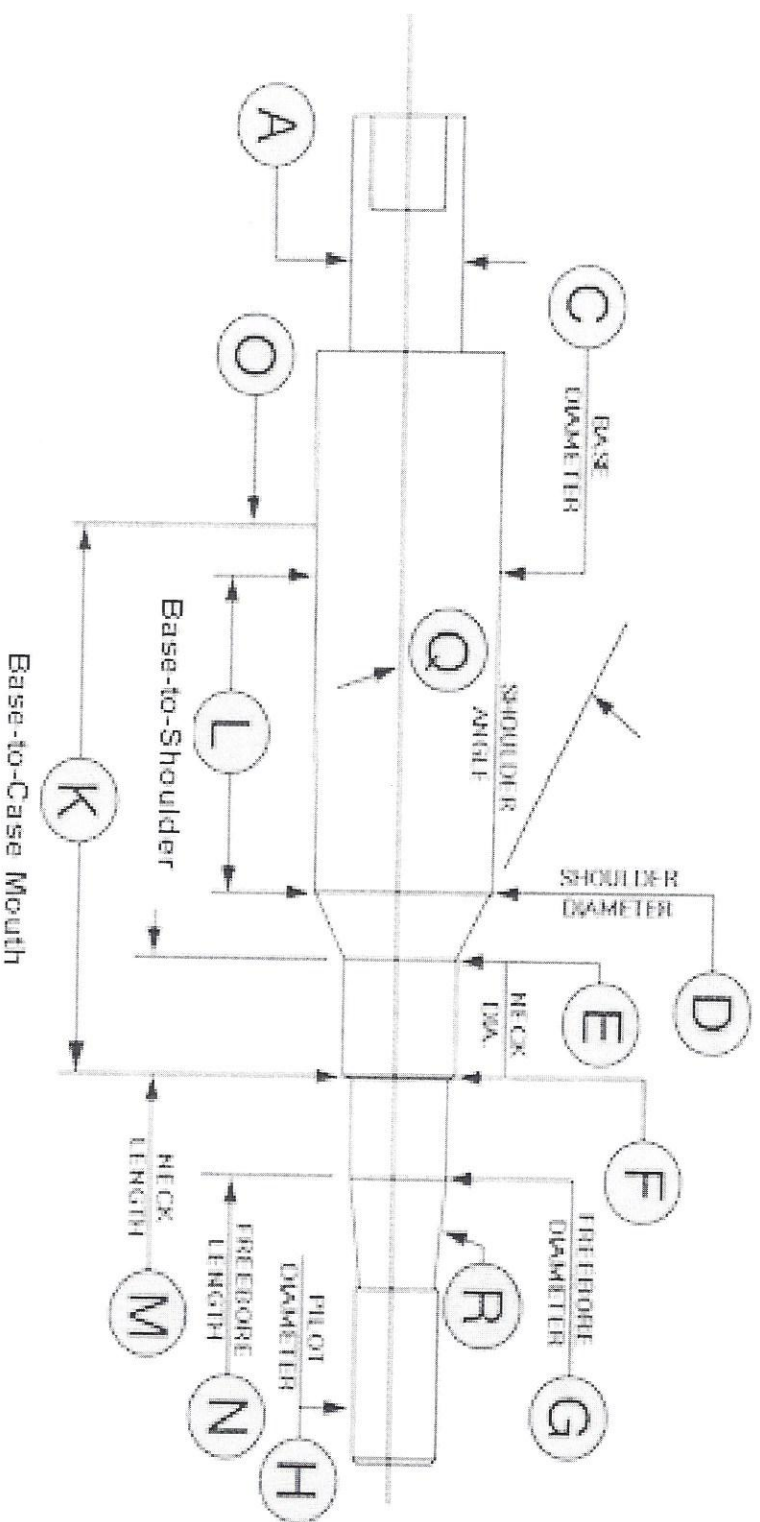
LENGTHS
TOLERANCE
+0.0050

JGS
COOS BAY, OR USA
97420

SIZE A
DWN. DATE 04/16/10
SCALE NONE
PRINT # 5.56 AMUGW
RIMLESS OR REBATED RIFLE
MINIMUM CHAMBER

COMMENT: This design is the 223 Wylde body and neck with the 80 grain throat.

223 Rem and 5.56 Reamer dimensions comparison courtesy of www.ar15barrels.com



#	Dimension	PTG 223 Rem Match	Clymer 223 Rem	PTG 223 Rem	JGS 223 Wyde	JGS 5.56 Compass Lake	JGS 5.56 Nato	PTG 5.56 Nato	Clymer 5.56 Nato
C	Base Diameter	0.3779	0.3794	0.3804	0.3810	0.3803	0.3803	0.3803	0.3816
D	Shoulder Diameter	0.3568	0.3553	0.3553	0.3572	0.3553	0.3553	0.3553	0.3560
E	Neck @ Shoulder	0.2510	0.2550	0.2550	0.2568	0.2551	0.2551	0.2551	0.2550
F	Neck @ Case Mouth	0.2510	0.2540	0.2540	0.2558	0.2540	0.2540	0.2540	0.2550
G	Freebore Diameter	0.2242	0.2245	0.2240	0.2240	0.2240	0.2265	0.2265	0.2270
H	Pilot Diameter	0.2190	0.2180	0.2190	0.2190	0.2190	0.2190	0.2185	0.2180
I	Base-to-Case Mouth	1.7600	1.7720	1.7720	1.7726	1.7720	1.7720	1.7720	1.7750
J	Base-to-Shoulder	1.4320	1.4340	1.4338	1.4316	1.4338	1.4338	1.4337	1.4380
M	Neck Length	0.2034	0.2200	0.2201	0.2228	0.2202	0.2202	0.2203	0.2180
N	Freebore Length	0.0680	0.0250	0.0250	0.0619	0.0250	0.0566	0.0566	0.0500
Q	Shoulder Angle (Degrees)	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
R	Throat Angle (Degrees)	1.50	3.10	3.10	1.25	1.50	1.20	1.20	2.50

These dimensions were compiled directly from the published blueprints provided by the respective makers. Basic reamer drawing from Clymer's website.