

ADG BL700 ACTION

Product Data Sheet



CUSTOMIZEABLE PREMIUM RIFLE ACTION

THE "BUILDER'S LINE"

With over 250 years of combined firearms design, testing, and product development experience, incorporating intimate knowledge of the legacy platform and decades of designing award winning action systems currently used by military and police worldwide, ADG is proud to introduce the BL700! The BL700 evolved from the source at Big Green to become today's optimized competition and hunting action platform. Available in many configurations and bolt face options, ADG's BUILDER'S LINE (BL) series gives you maximum flexibility for all your hunting/shooting needs for decades to come!



LOOK FOR
PRE-FIT BARRELS
COMING SOON!

MODULAR BOLT HEAD DESIGN

5 BOLT HEAD SIZES

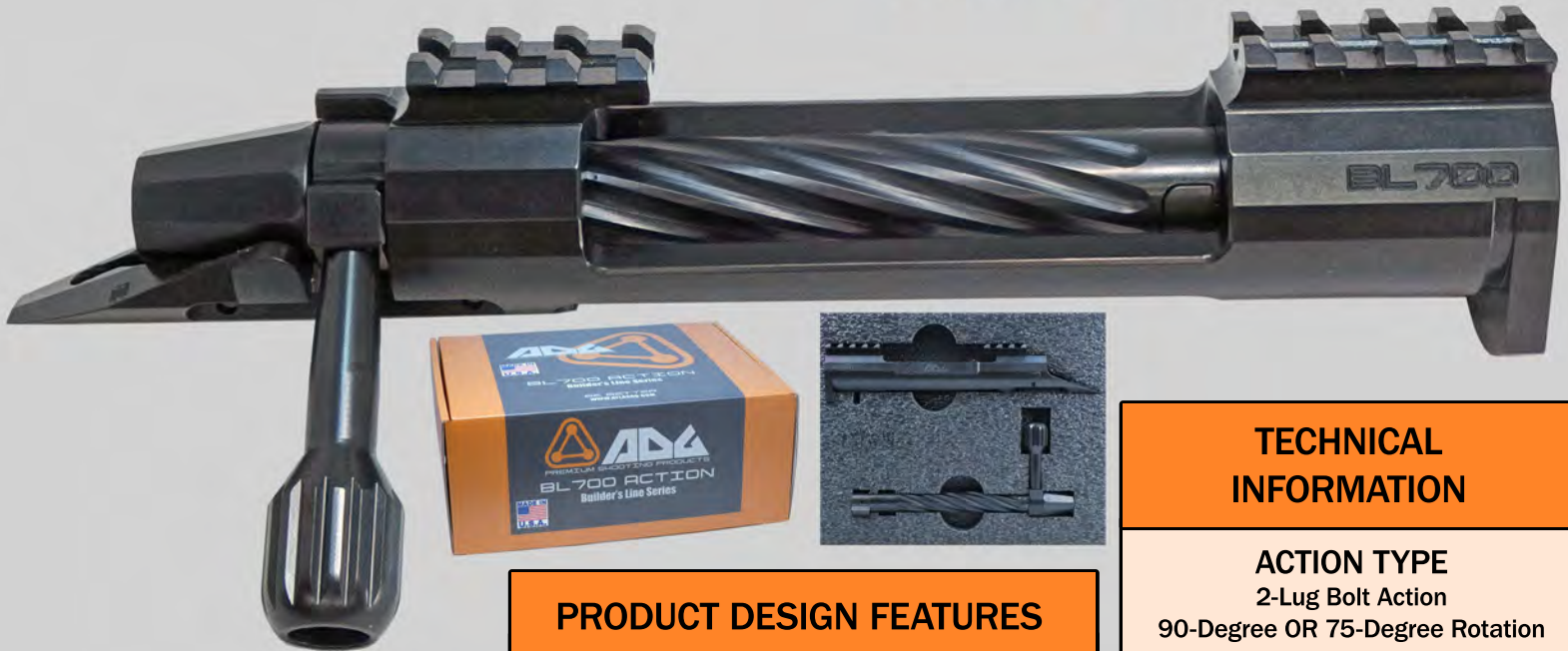


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ORDER TODAY: SALES@ATLASDG.COM



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PURCHASE OPTIONS

(No Cost Options EXCEPT Where Noted)

- ATF MARKING VARIANCE
- LONG or SHORT ACTION
- NITRIDE FINISH
- SPLIT or FULL RAIL
- 0-MOA or 20-MOA
- FEED LIP GEOMETRY (SELECT)
 - Solid Bottom
 - No Feed Lips / Detachable Mag Only
 - Magnum Feed Lips
Fits M700 Style & AICS Magazine Bottom Metal
 - Other Remington Factory Feed Lip Geometry (+\$25)
 - Custom Defined Geometry (+\$50)
- CHOICE of BOLT FACE DIAMETER
 - Small - 0.384"
 - ARC - 0.445"
 - Standard - 0.470"
 - Magnum - 0.540"
 - Lapua - 0.585"
- ADDITIONAL BOLT FACES (+\$80)
- CHOICE OF BOLT STOP
 - Low-Profile / Flush Mount
 - Extended / Button Mount

PRODUCT DESIGN FEATURES

- DESIGNED & TESTED - Exceeds MIL-STD blocked bore & high pressure requirements
- 17-4PH SS - No distortion during heat treatment, stronger & tougher than 416SS, best-in-class corrosion resistance
- EDM CUT BOLT LUG RACEWAYS
- MACHINED IN HEAT TREATED CONDITION
- INTEGRAL RECOIL LUG
- HEADSPACE HELD TO +/- .001"
- INTEGRAL PICATINNY RAIL - MIL-STD 1913 continuous slot spacing across split rails, extended over ejection port for proper scope ring support
- M700 FIRE-CONTROL COMPATIBLE
- OVERSIZED EJECTION PORT
- 2-PIECE MODULAR BOLT DESIGN
- USER REPLACEABLE BOLT HEADS - 5 sizes available, user ability to change caliber families
- 1-PIECE BOLT BODY
- PROVEN PLATE EXTRACTOR
- FLUTED FIRING PIN - Lightweight design, faster lock time.
- SNAG RESISTANT BOLT STOP - Low profile to prevent accidental release (extended bolt stop available Q2 2026)

TECHNICAL INFORMATION

ACTION TYPE

2-Lug Bolt Action
90-Degree OR 75-Degree Rotation

FORM FACTOR

Remington Model 700 Footprint

INTEGRAL RECOIL LUG

0.250" Thick

FIRING PIN ASSY

0.075" Tip Diameter; Compatible with M700 Style Firing Pin Assemblies

BARREL BREECH

Flat Breech

BARREL THREADS

1-1/16 - 16 3B; Timed and Toleranced for Pre-Fit Barrels

ACTION SCREWS

1/4 - 28 2B; Industry Standard Spacing.
LA: 7.345" / SA: 6.495"

BOLT HANDLE THREAD

1/4 - 28 Bolt Body
5/16 - 24 Bolt Knob



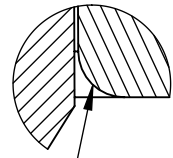
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SW-FILE NAME: BL700 Tenon Assembly

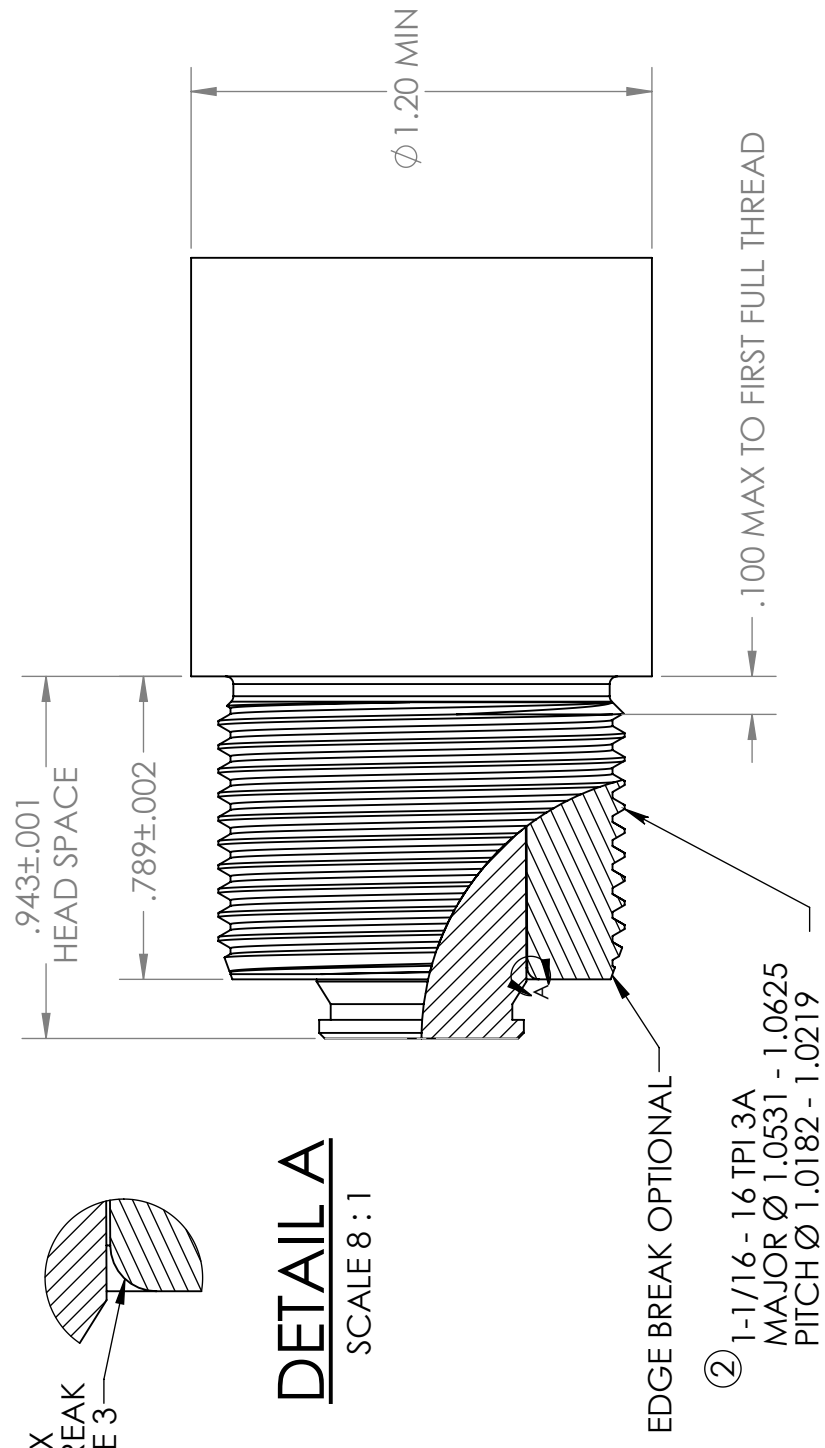
.030 MAX
EDGE BREAK
SEE NOTE 3



B

DETAIL A

SCALE 8 : 1



NOTES:

1. THIS TENON DRAWING IS PROVIDED ONLY AS A SETUP GUIDELINE AT MINIMUM CARTRIDGE SAAMI SPECIFICATION. IT IS THE SOLE RESPONSIBILITY OF A QUALIFIED GUNSMITH TO VERIFY ALL DIMENSIONS IN ORDER TO ALLOW FOR PROPER CLEARANCES.
2. THE END USER IS SOLEY RESPONSIBLE FOR THE SAFE USE OF THE PRODUCT.
3. INCREASING CHAMBER EDGE BREAK MAY AID IN FEEDING BUT DECREASES CASE SUPPORT AT THE WEB.
4. RECOMMENDED INSTALLATION TORQUE 75-125 FT-LBF

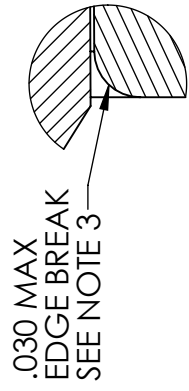
DO NOT SCALE THIS DRAWING: WORK TO FIGURES UNLESS OTHERWISE NOTED.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
INTERPRET THIS DRAWING PER ASME Y14.5-2009

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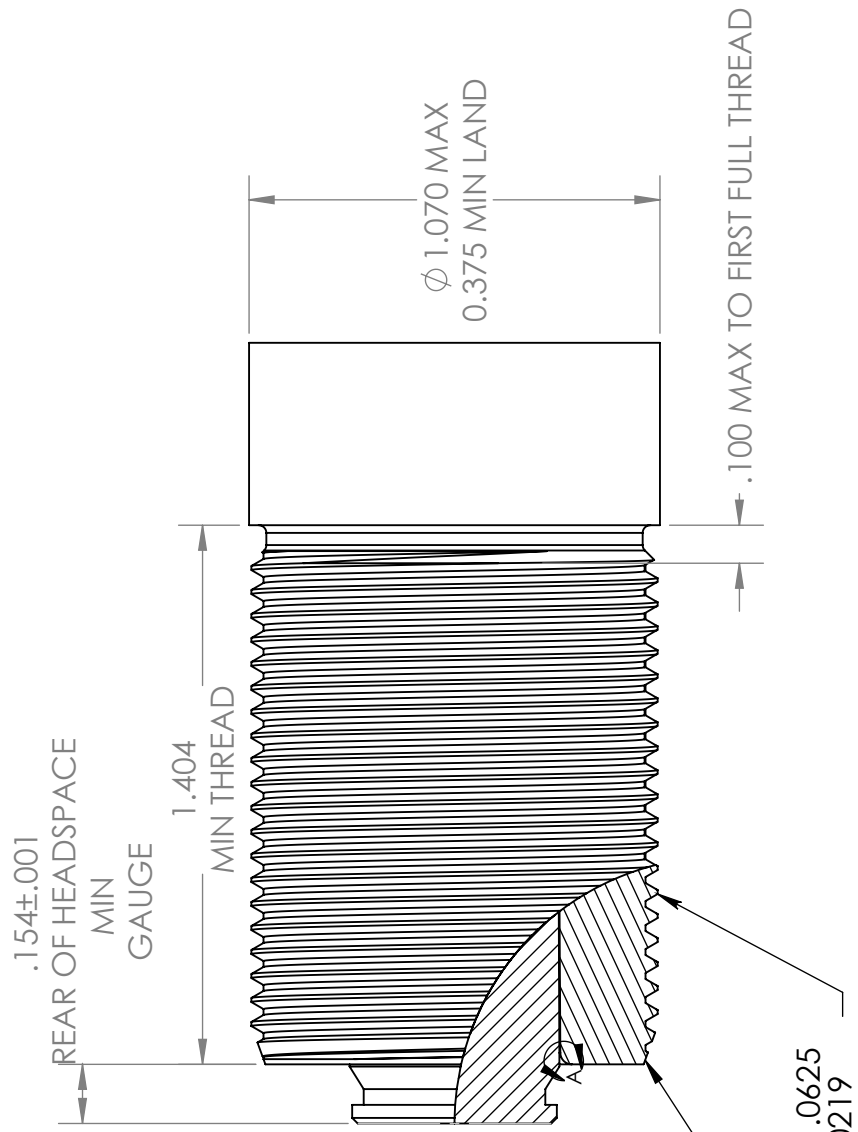
ANGLES ±0.5°				TITLE:			
SURFACE FINISH: 125 µin RMS MAX				BL700 BARREL TENON			
DESIGNED BY: JKR 7/20/25				SIZE	NUMBER	REV	
DRAWN BY: CCM 7/24/25				A	20-000157-0000	2	
CHECKED BY: JKR 7/25/25				SCALE	SHEET	SUPERSEDES	CAGE CODE
MATERIAL APPROVED BY: N/A				1:2	1 OF 1	N/A	7C725

SW-FILE NAME: 700 Replacement Bolt Tenon Assembly



B

DETAIL A
SCALE 8 : 1



B

NOTES:

1. THIS TENON DRAWING IS PROVIDED ONLY AS A SETUP GUIDELINE AT MINIMUM CARTRIDGE SAAMI SPECIFICATION. IT IS THE SOLE RESPONSIBILITY OF A QUALIFIED GUNSMITH TO VERIFY ALL DIMENSIONS IN ORDER TO ALLOW FOR PROPER CLEARANCES.

2. THE END USER IS SOLEY RESPONSIBLE FOR THE SAFE USE OF THE PRODUCT.
3. INCREASING CHAMBER EDGE BREAK MAY AID IN FEEDING BUT DECREASES CASE SUPPORT AT THE WEB.
4. RECOMMENDED INSTALLATION TORQUE 50-100 FT-LBS

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RECOMMEND TENON FOR "REMAKE"-STYLE BARRELS
(BARREL NUT REQUIRED)

TOLERANCES UNLESS OTHERWISE SPECIFIED		 PREMIUM SHOOTING PRODUCTS	
X.XXX ±0.005			
X.XX ±0.010			
X.X ±0.050			
ANGLES ±0.5°		TITLE: BARREL TENON, M700 REPLACEMENT BOLT (OPEN SOURCE DWG)	
SURFACE FINISH: 125 µin RMS MAX		SIZE NUMBER	
DESIGNED BY: JKR 7/20/25		REV	
DRAWN BY: CCM 7/24/25		A 20-000150-0000 2	
CHECKED BY: JKR 7/25/25		SCALE SHEET 1 OF 1	
MATERIAL APPROVED BY: N/A		SUPERSEDES CAGE CODE N/A 7C725	

A

DO NOT SCALE THIS DRAWING: WORK TO FIGURES UNLESS OTHERWISE NOTED.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
INTERPRET THIS DRAWING PER ASME Y14.5-2009