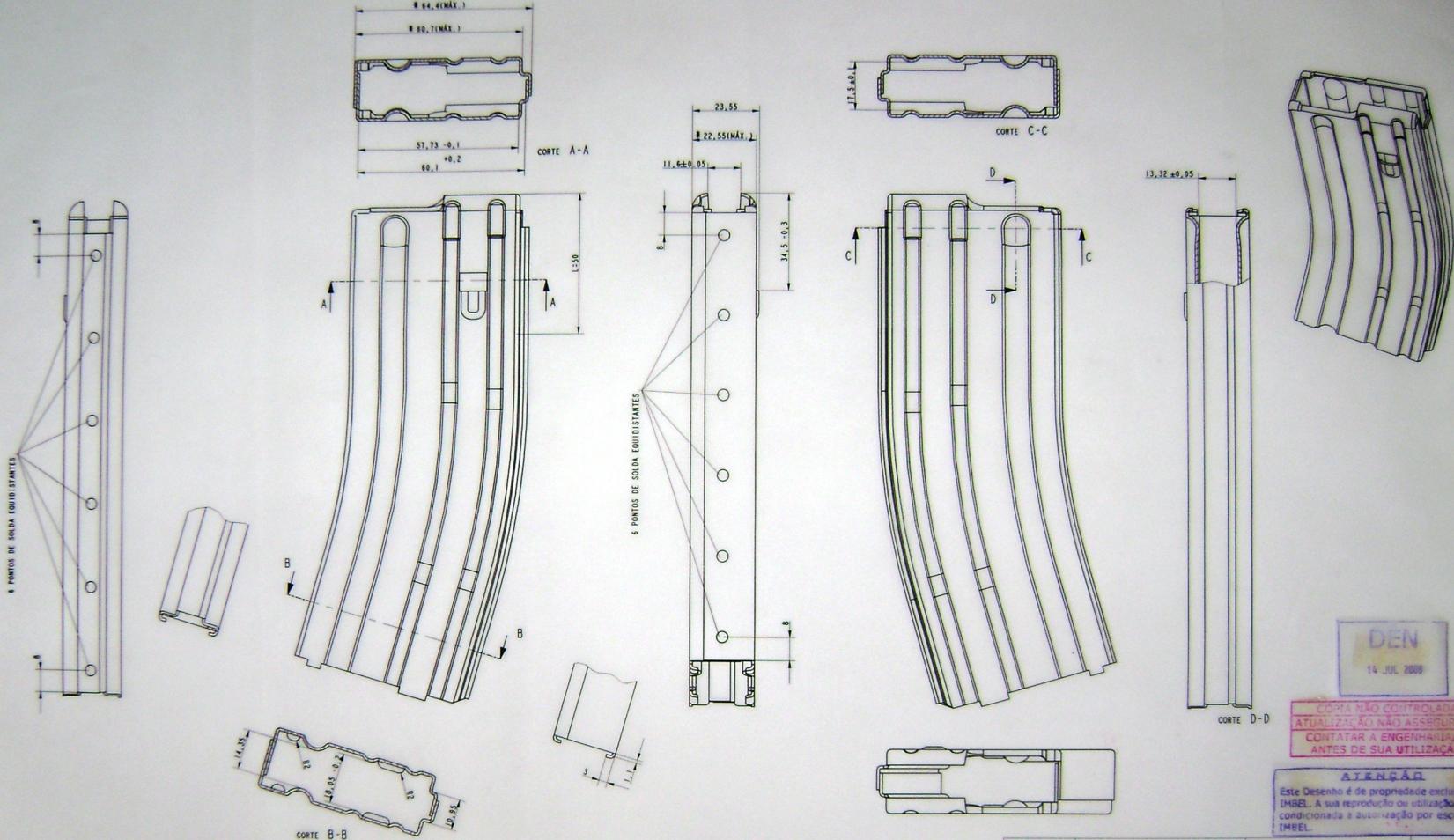


1 2 3 4 5 6 7 8 9 10 | 11 12 13 14 15 16 17 18 19 20 | 21 22 23 24 25 26 27 28 29 | 30



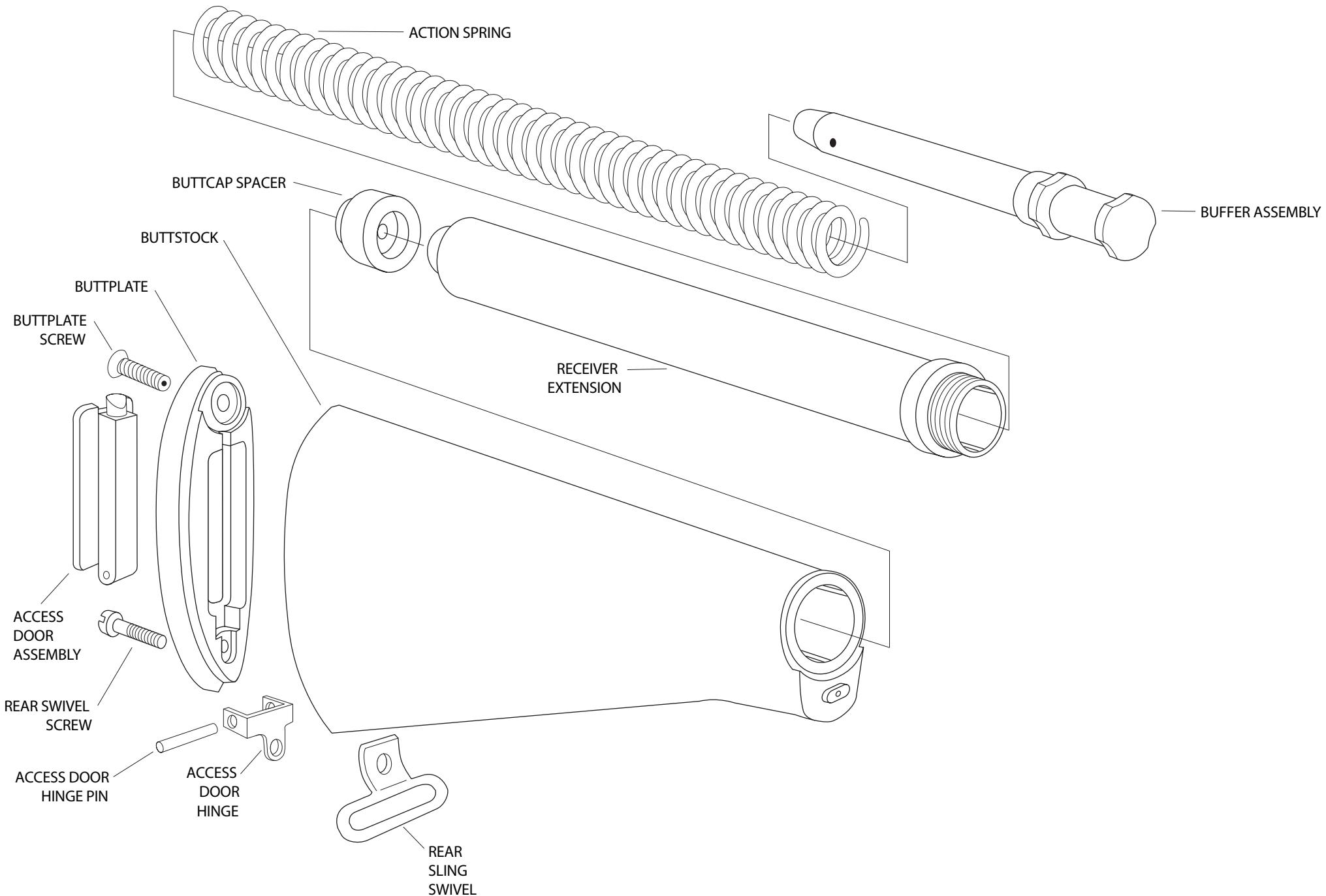
\* Estas cotas devem ser controladas ao longo do comprimento "L=50".  
Dimensões internas são as mais importantes.

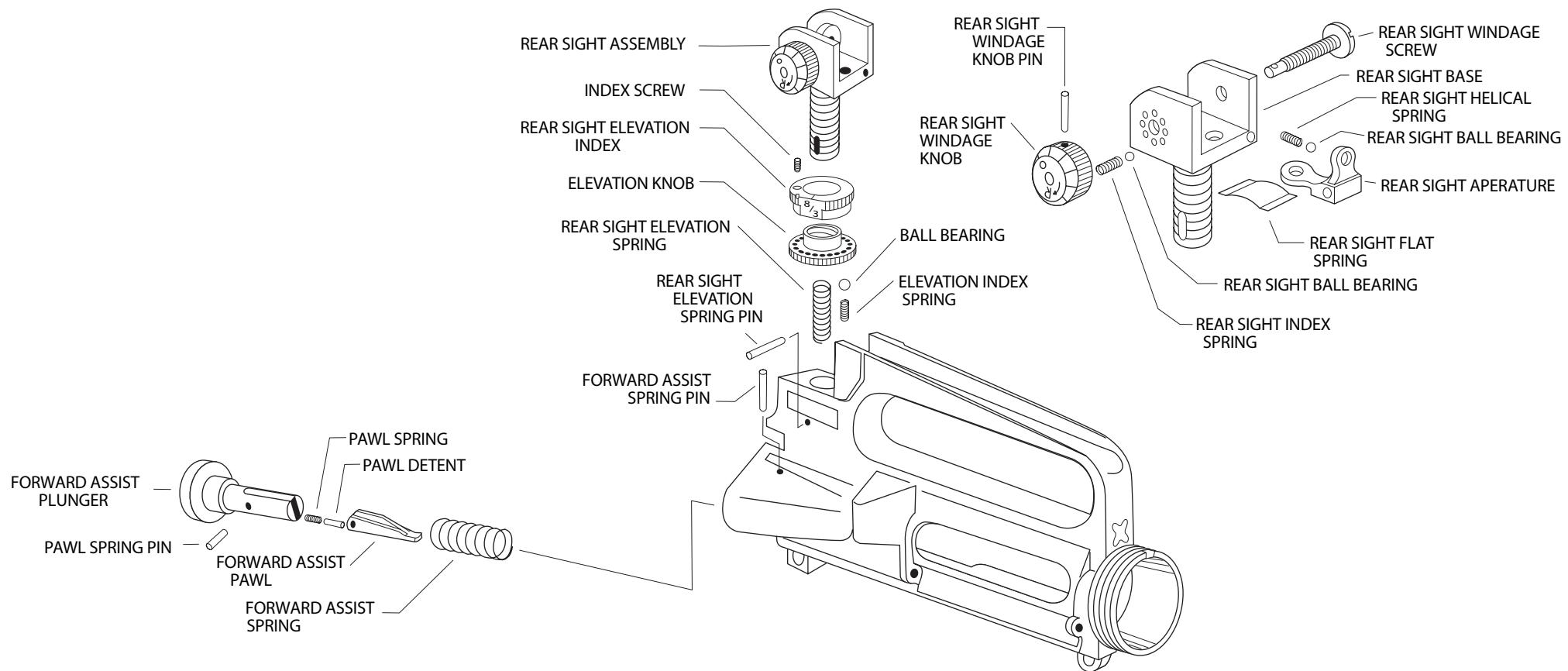
As superfícies internas e externas ao longo do comprimento  $L=50^{-10}$   
não deverão receber pintura.

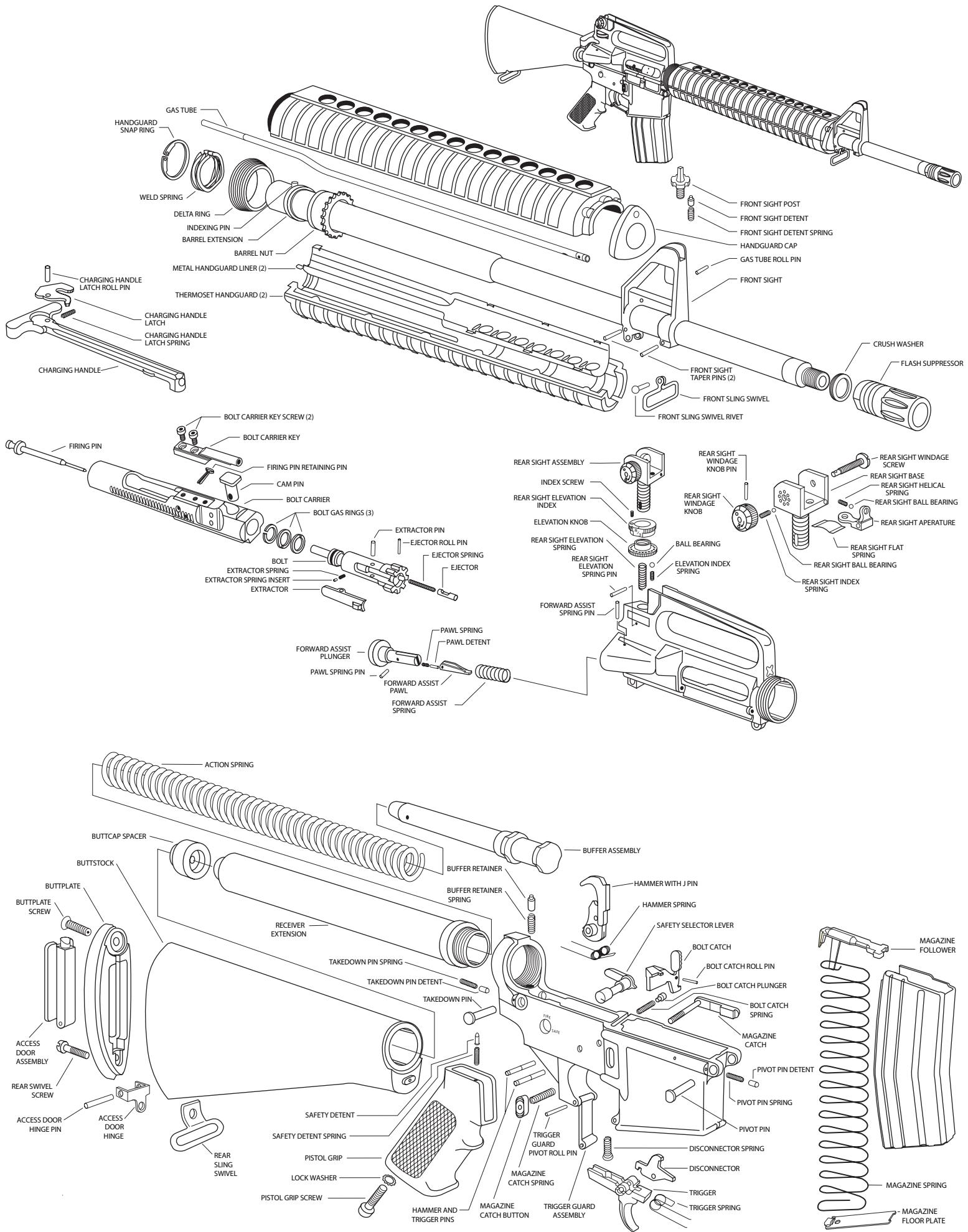
As cotas indicadas se referem ao carregador sem tratamento superficial.

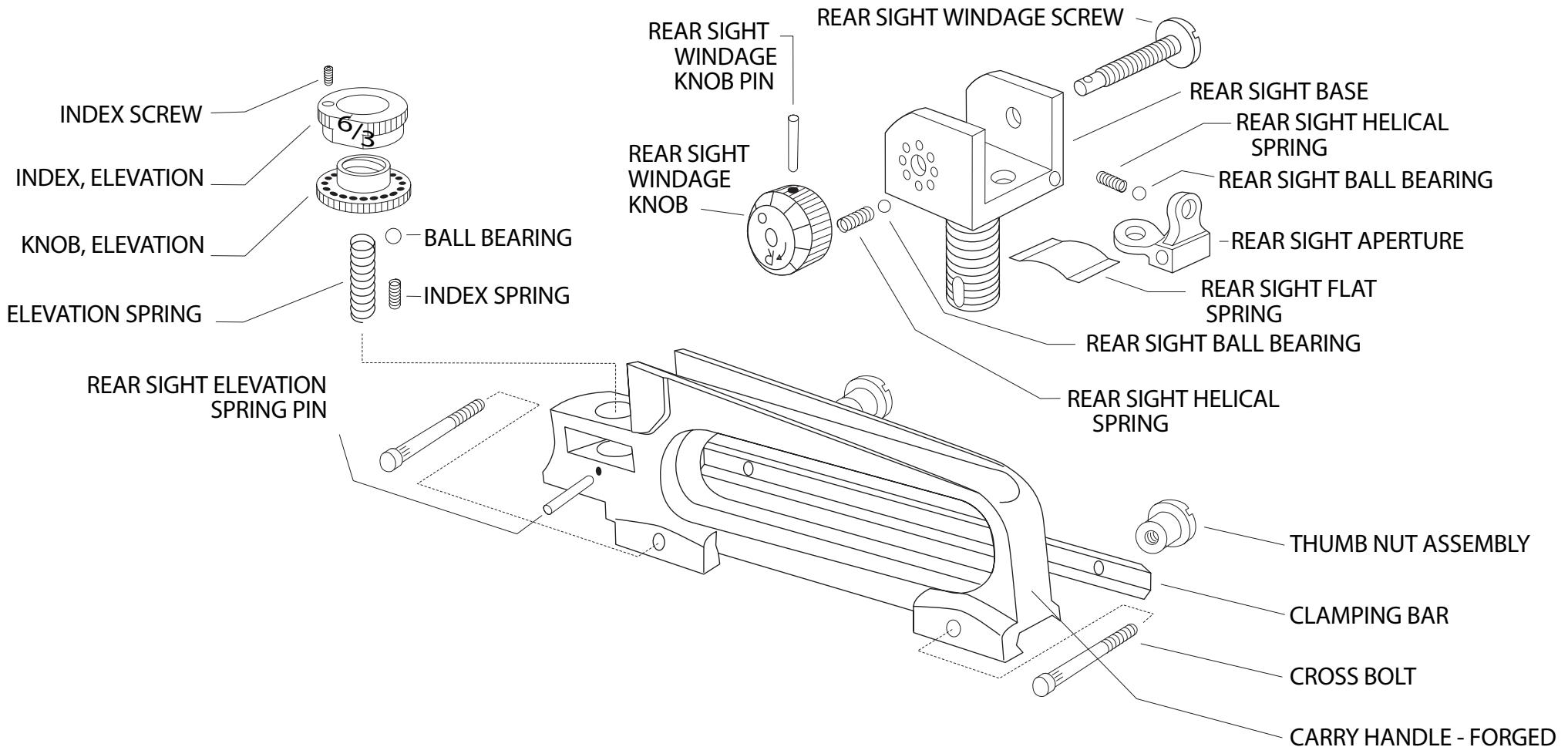
SC	MATERIAL	TRAT. TÉRMICO	TRAT. SUPERFICIAL
SC 9/IA	AÇO AISI 1010 $\epsilon=0,96\pm0,06$	CARBONITRATAÇÃO SUBCRÍTICA (75-80 HRC 15)	PINTURA EPÓXI, PRETO FOSCO CAMADA DE 0,05 MAX.
SC 9/IA-AL	ASTM 6061 $\epsilon=1-0,10$	ANODIZAÇÃO DURA, CAMADA DE 0,02 A 0,04mm	PINTURA EPÓXI, PRETO FOSCO CAMADA DE 0,05 MAX.

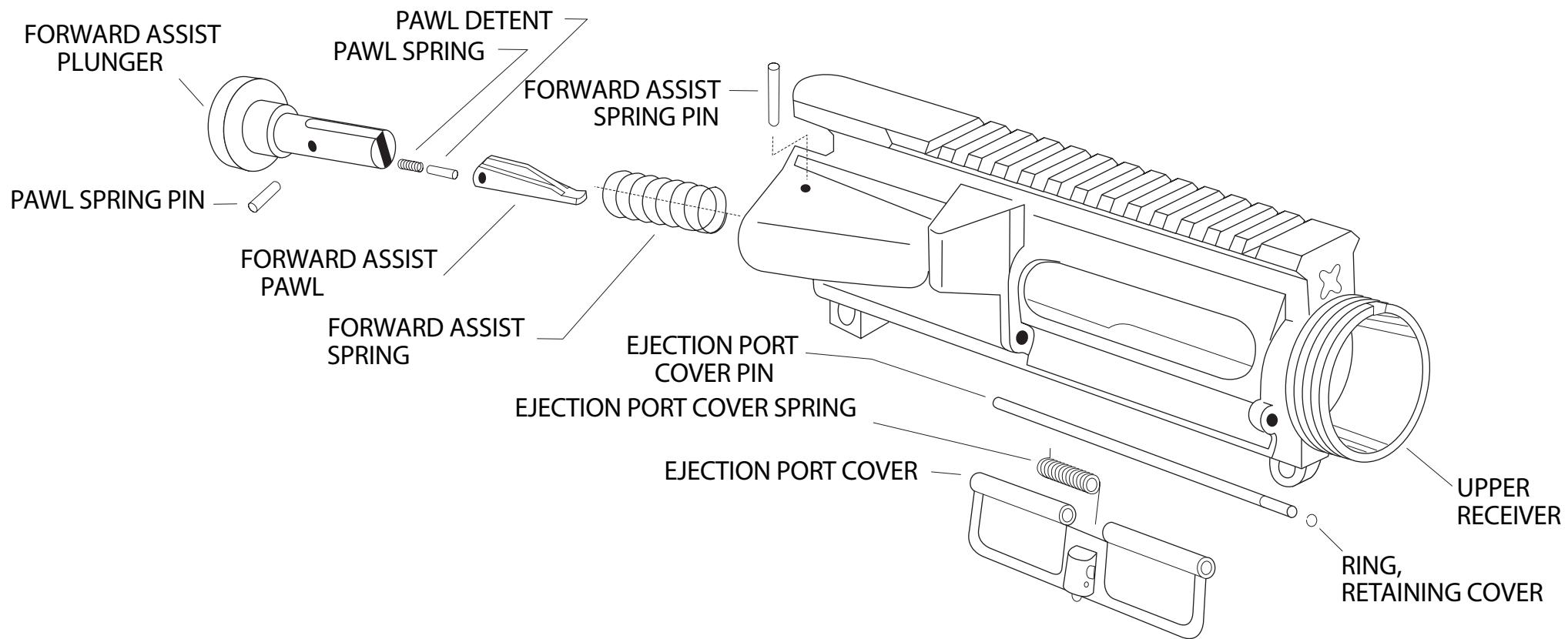
Material	Tratamento Térmico		Tratamento Superficial	Código
Modificação	4810	4960		
Escala 1:1	<b>CORPO DO CARREGADOR</b>			Nº A2 - <b>9097</b> - 500
Código		Usado DEFINITIVAMENTE		
Produto:		Fz 5,56-IMBEL M997L	Substituído por A2-9097 DE 21/12/94	
Projeto	Papel	Op.	Substituído por	
Aprovado	EMB. CAPETEL <i>[Signature]</i>	16/05/08		
Conferido	PROJ. DRAULIC <i>[Signature]</i>	16/05/08		
Projetado	PROJ. FRANCISCO <i>[Signature]</i>	16/05/08		
Desenhado	PROJ. C. VITALINO <i>[Signature]</i>	16/05/08		
<b>INDÚSTRIA DE MATERIAL BÉLICO DO BRASIL</b> <b>IMBEL</b> <b>FÁBRICA DE ITAJUBÁ - F5</b>				

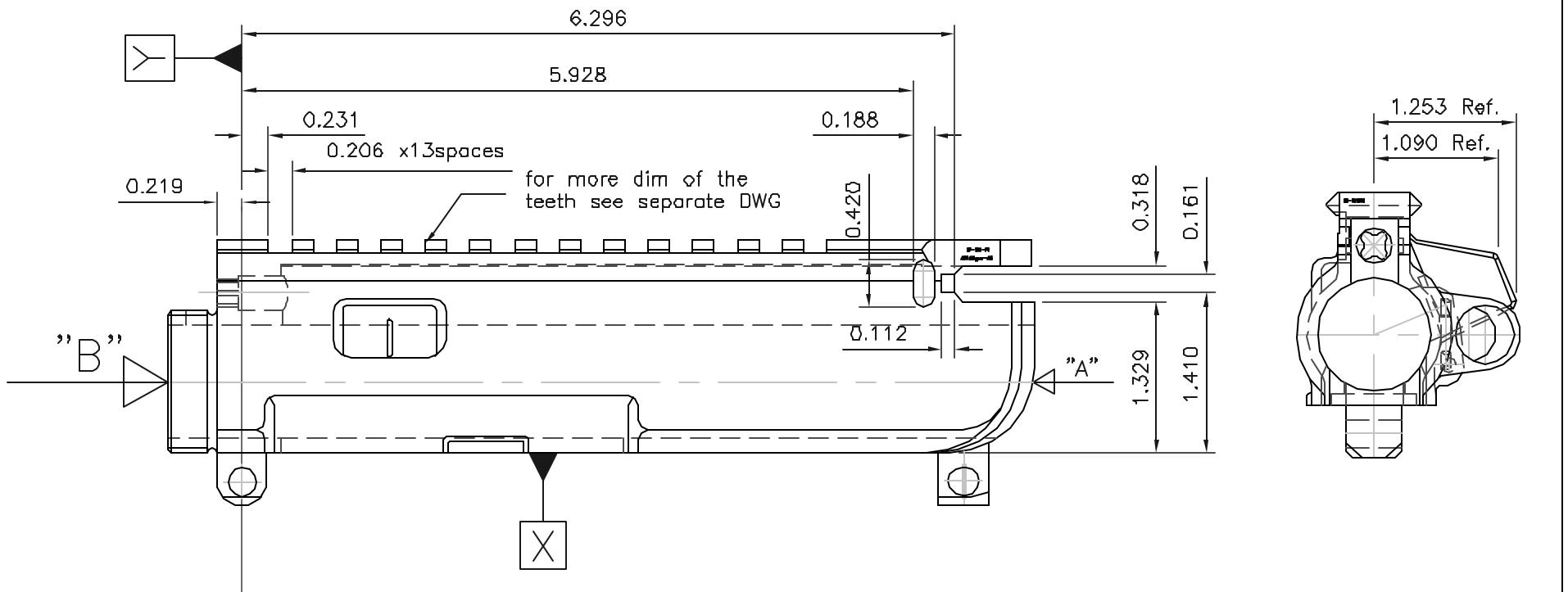




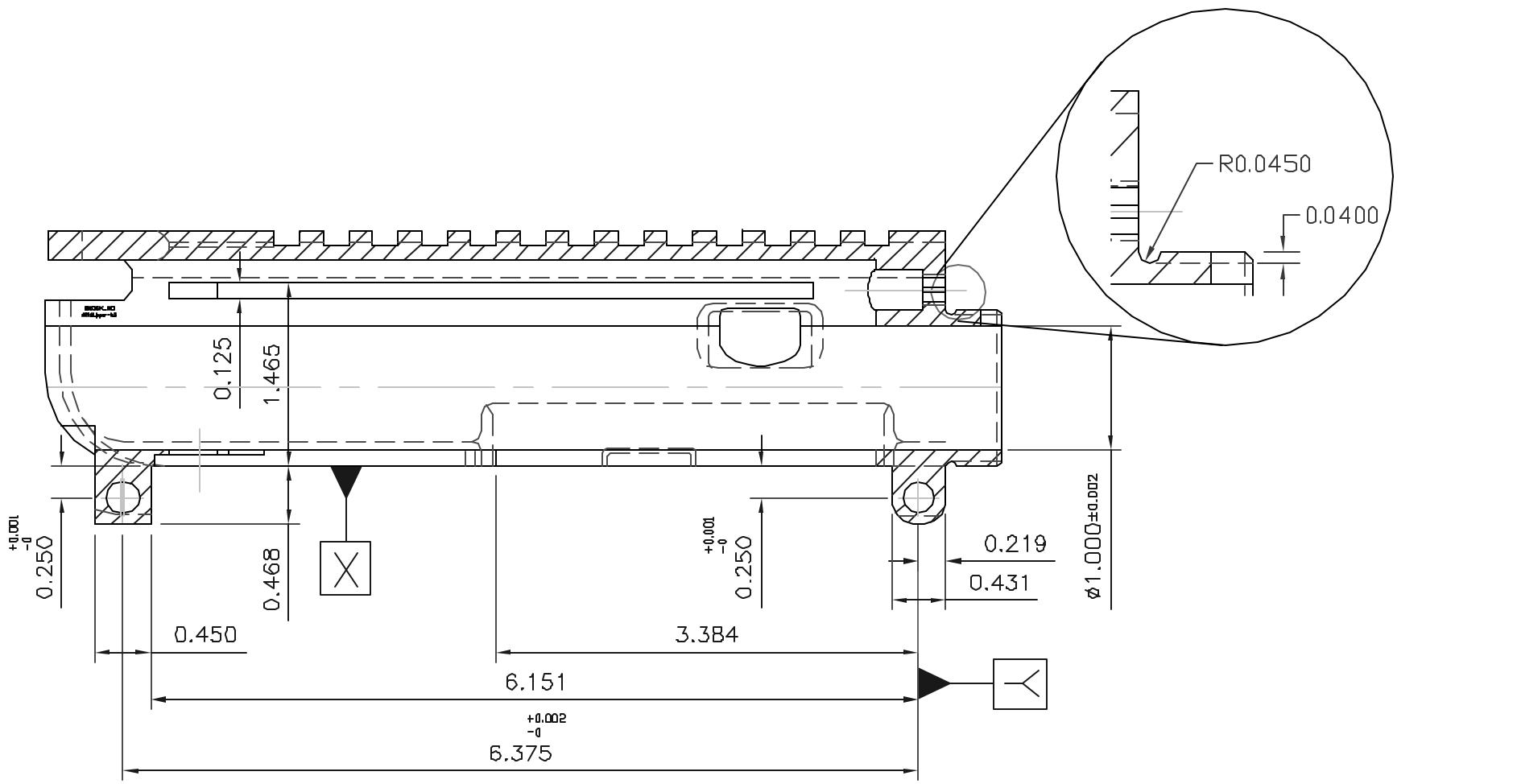




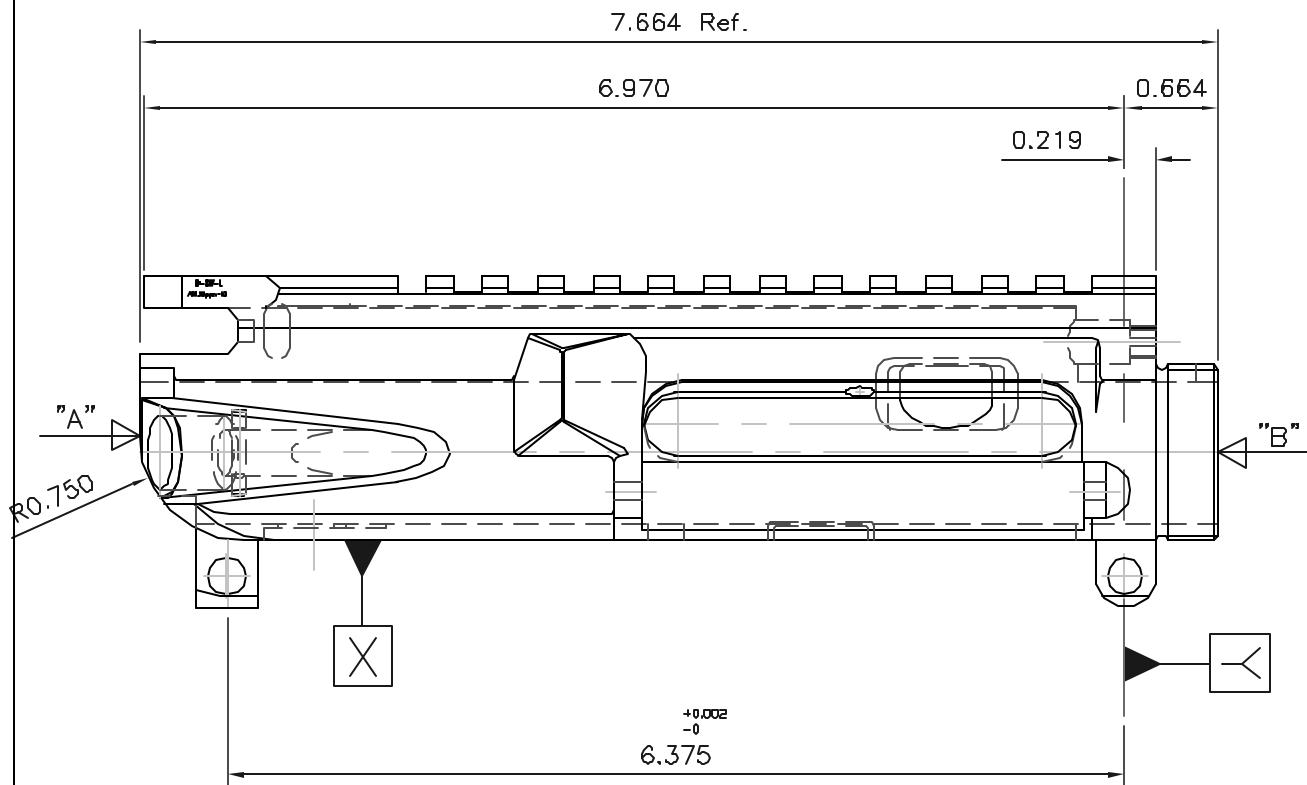




NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL			
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± .5 Deg			
MODEL AR15 UPPER RECEIVER (FLATTOP)			
TITLE LEFT / REAR			
DRAWN BY DATE Jan 2003			SCALE FULL
CHECKED BY DATE			SHEET NO. 5 OF 8 SHEETS
DRAWING NUMBER			
CODE	IDENT. NO.	SIZE	VAR.
		A	

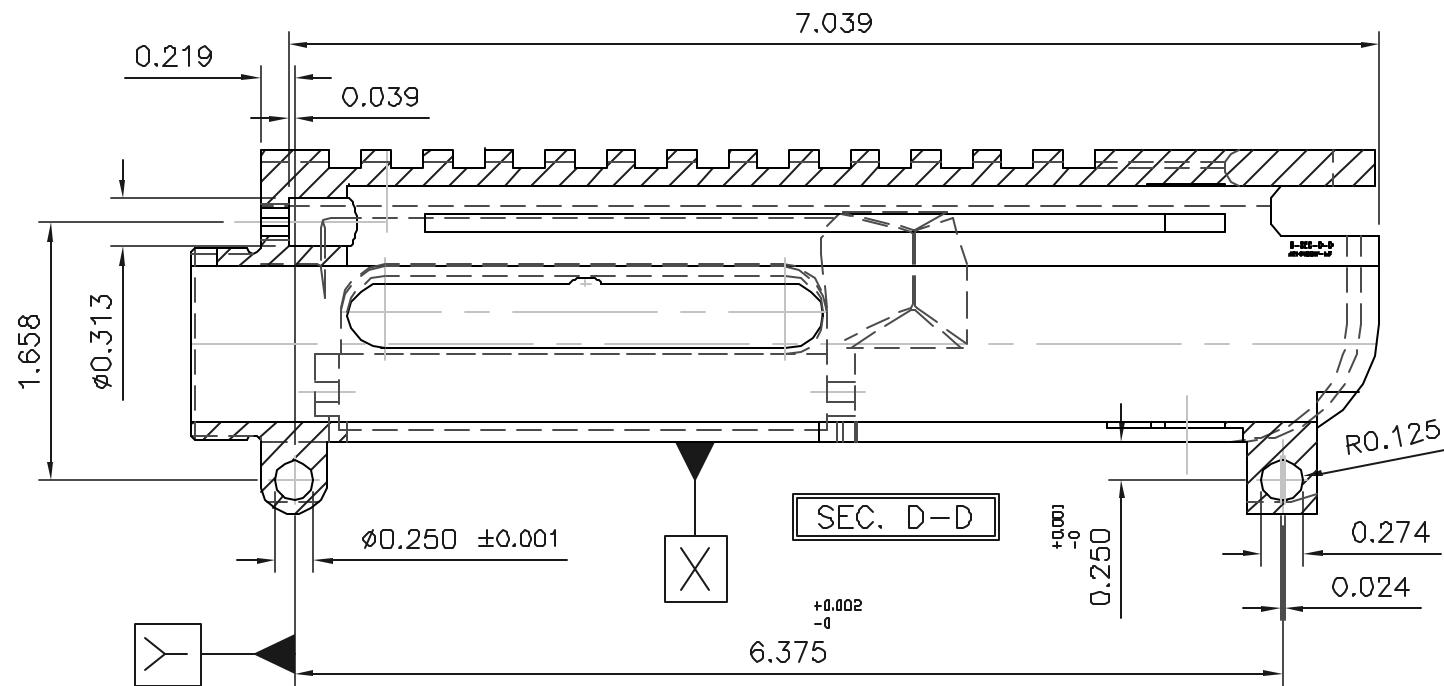


NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL			
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± , 5 Deg			
MODEL AR15 UPPER RECEIVER (FLATTOP)			
TITLE LEFT SIDE CUTAWAY			
FINISH	PARTS SPEC. NO.	DRAWN BY	DATE
7075 T6 ALUMINUM FORGING			JAN 2003
DISTRIBUTION		LATEST PLOT RELEASE DATE	SCALE FULL
DRAWING NUMBER			
CODE	IDENT. NO.	SIZE	VAR.
		A	
SHEET NO. 1 OF 8 SHEETS			

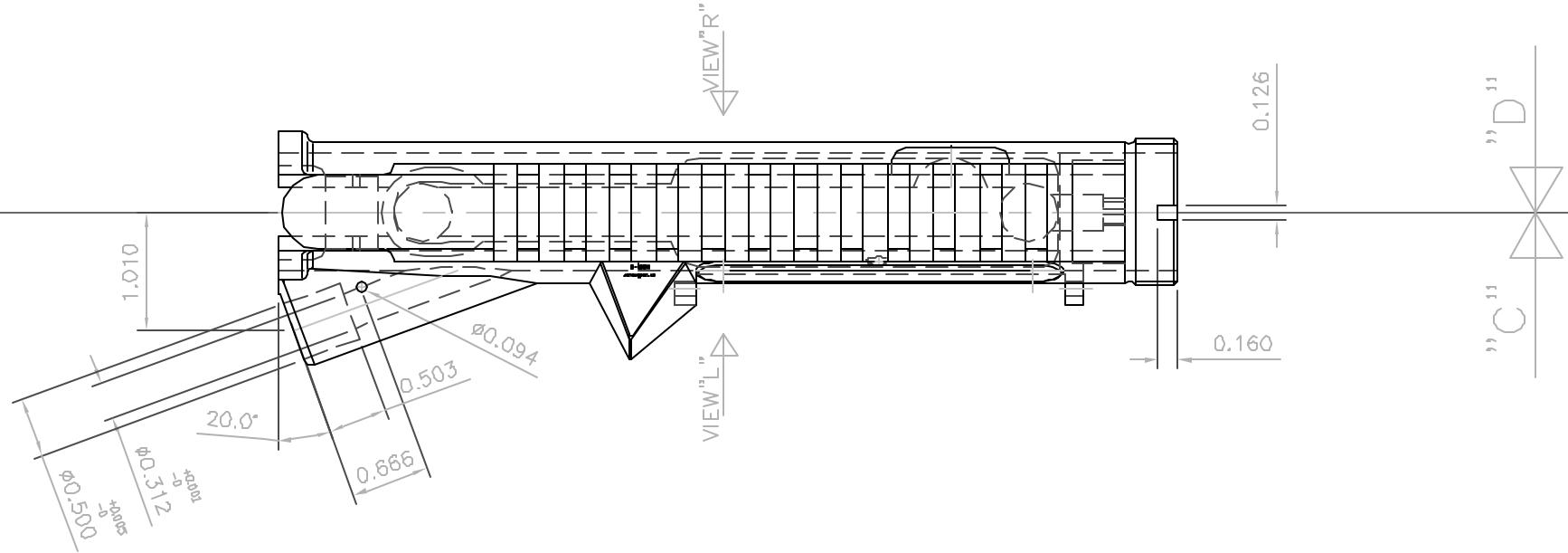


NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL			
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± .5 Deg			
FINISH			PARTS SPEC. NO.
MATERIAL 7075 T6 ALUMINUM FORGING			
DISTRIBUTION		LATEST PLOT RELEASE DATE	
DRAWING NUMBER			
CODE	IDENT. NO.	SIZE	VAR.
		A	

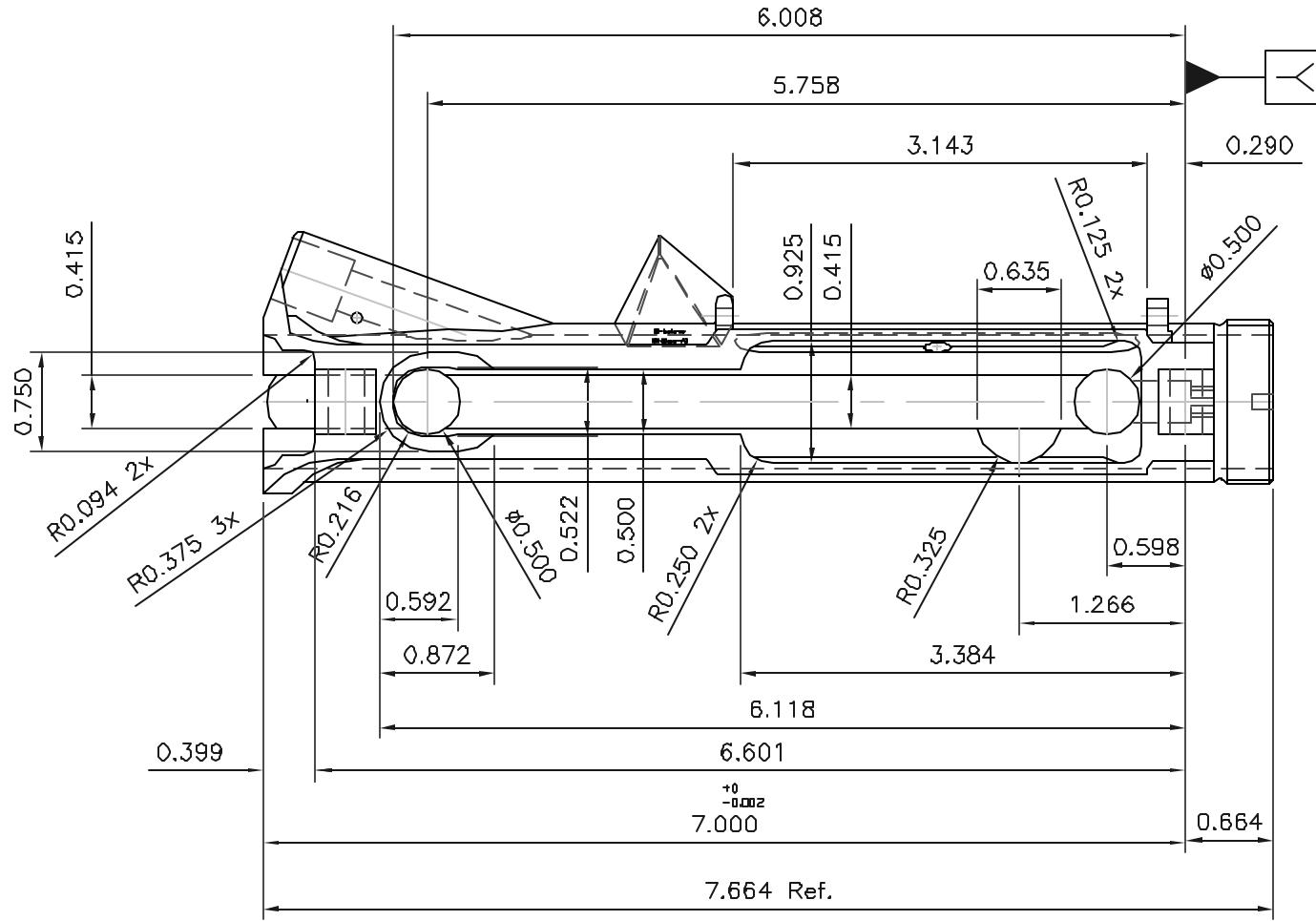
MODEL: AR15 UPPER RECEIVER (FLATTOP)  
TITLE: RIGHT / FRONT  
DRAWN BY: DATE: Jan 2003 SCALE: FULL  
CHECKED BY: DATE: SHEET NO. 5 OF 8 SHEETS  
DRAWING NUMBER



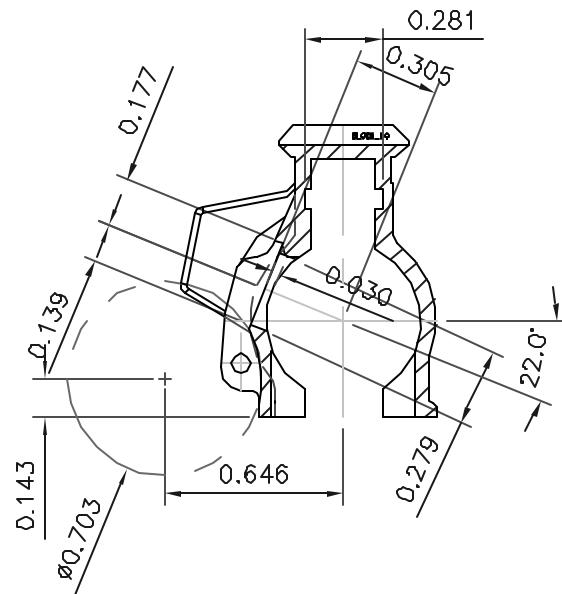
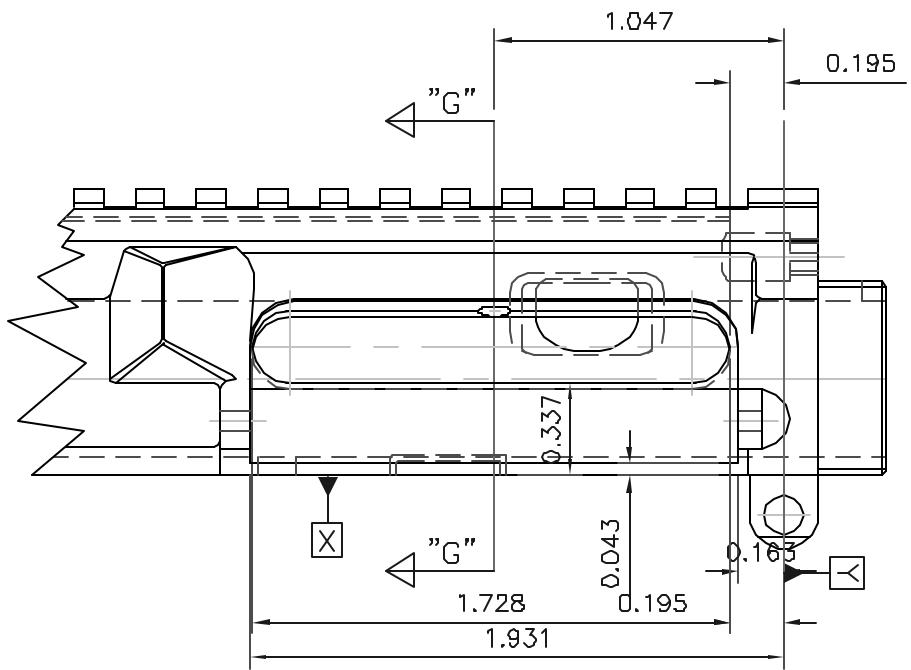
NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL			
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± , 5 Deg			
MODEL AR15 UPPER RECEIVER (FLATTOP)			
TITLE RIGHT SIDE CUTAWAY			
DRAWN BY		DATE	SCALE FULL
		Jan 2003	
CHECKED BY		DATE	SHEET NO. 2 OF 8 SHEETS
DRAWING NUMBER			
CODE	IDENT. NO.	SIZE	VAR.
		A	



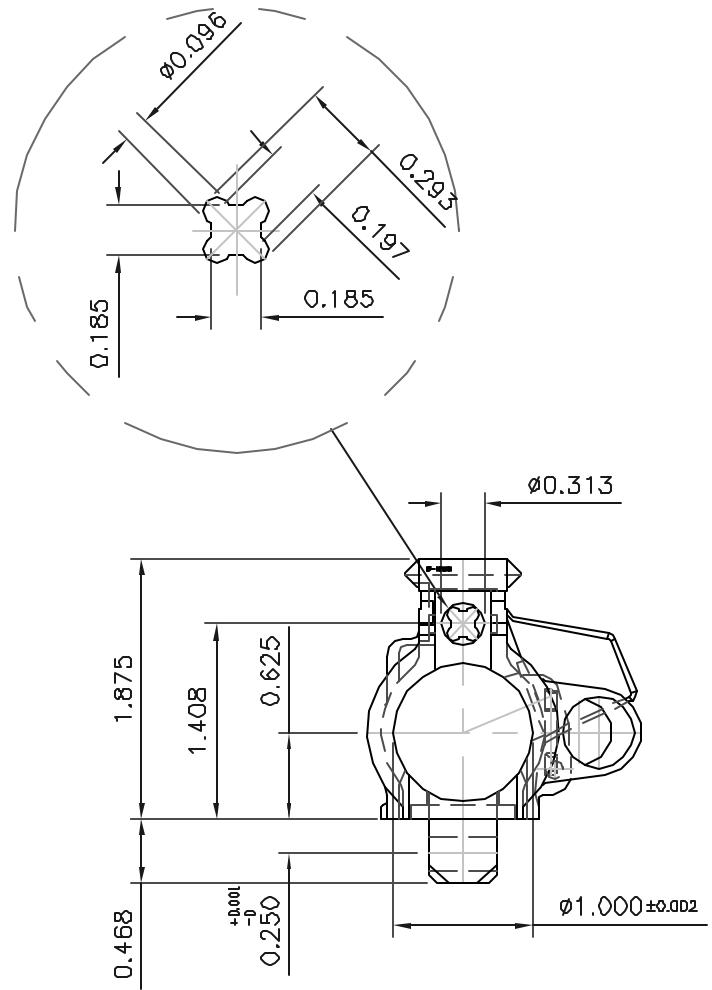
NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL			
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± 5 Deg			
MODEL AR15 UPPER RECEIVER (FLATTOP)			
TITLE TOP			
DRAWN BY		DATE	SCALE FULL
		Jan 2003	
CHECKED BY		DATE	SHEET NO. 5 OF 8 SHEETS
DRAWING NUMBER			
CODE	IDENT. NO.	SIZE	VAR.
		A	



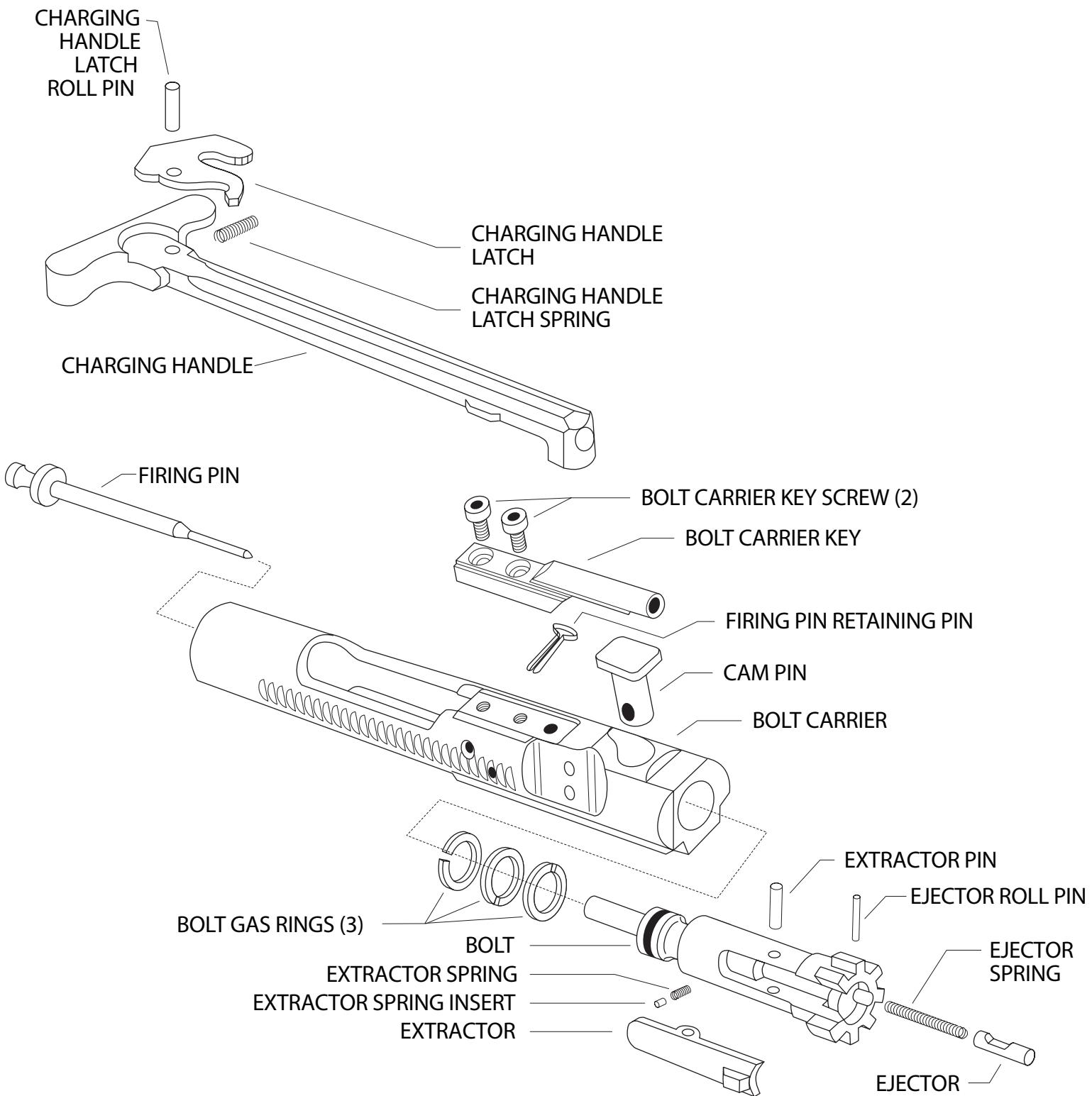
NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL				
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± .5 Deg				
FINISH		PARTS SPEC. NO.	DRAWN BY DATE SCALE FULL Jan 2003	
MATERIAL 7075 T6 ALUMINUM FORGING		CHECKED BY DATE SHEET NO. 4 OF 8 SHEETS		
DISTRIBUTION		LATEST PLOT RELEASE DATE	DRAWING NUMBER CODE IDENT. NO. SIZE VAR. A	

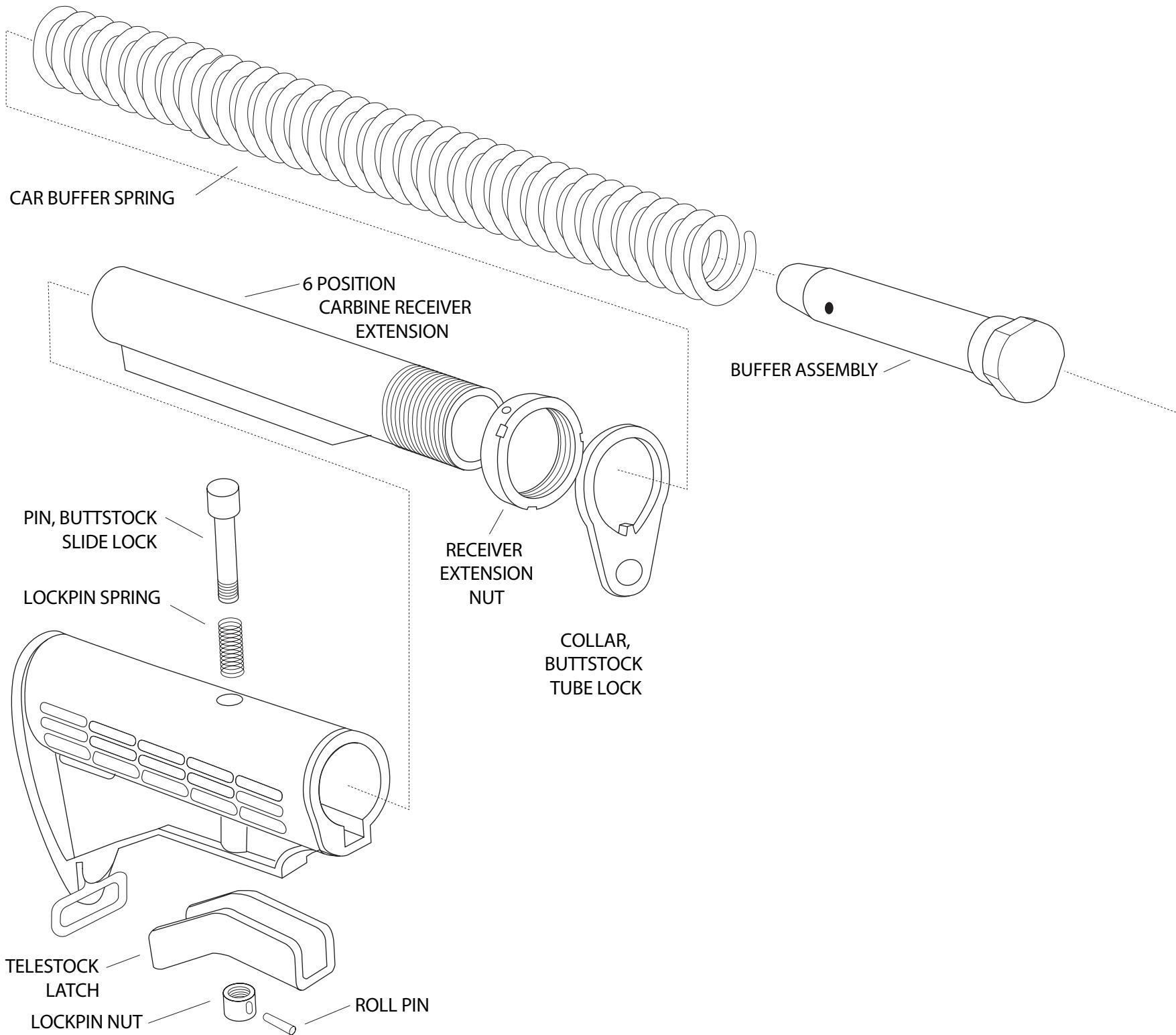


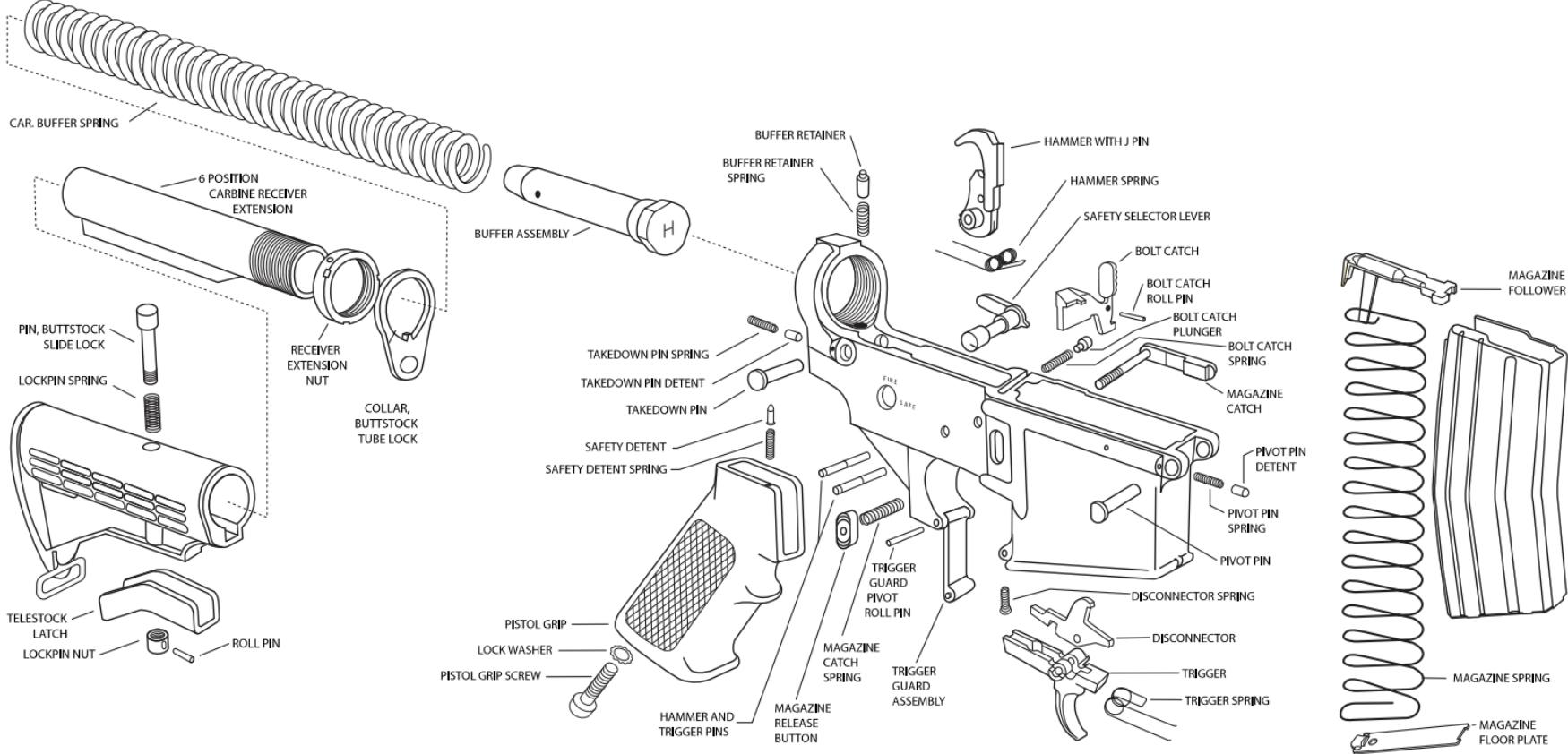
NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL			
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± .5 Deg			
MODEL AR15 UPPER RECEIVER (FLATTOP)			
TITLE LEFT SIDE AND FRONT DETAIL			
FINISH	PARTS SPEC. NO.	DRAWN BY	DATE
Jan 2003			SCALE FULL
MATERIAL 7075 T6 ALUMINUM FORGING			CHECKED BY
DISTRIBUTION			DATE
LATEST PLOT RELEASE DATE			SHEET NO. 6 OF 8 SHEETS
DRAWING NUMBER			
CODE	IDENT. NO.	SIZE	VAR.
		A	

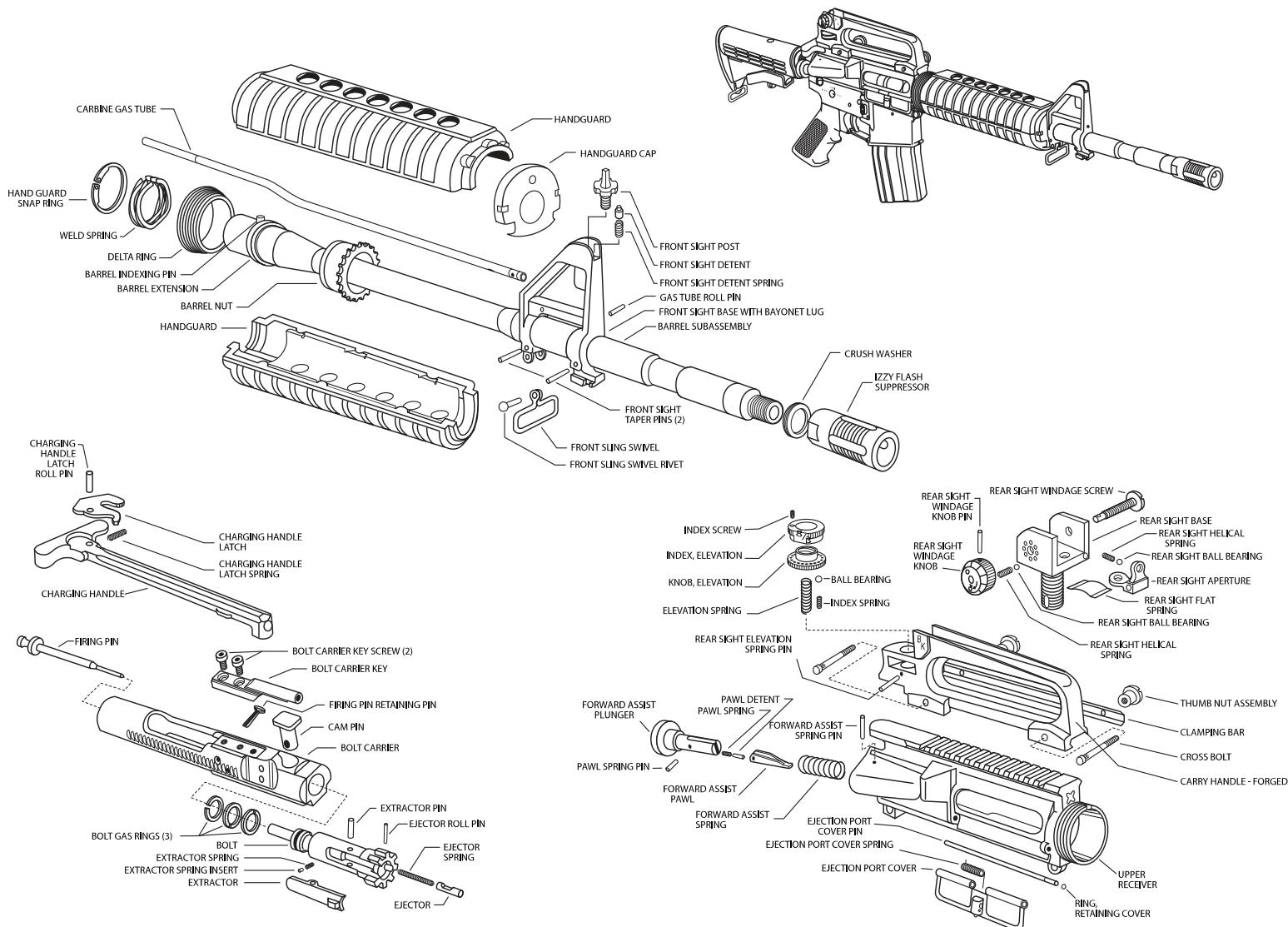


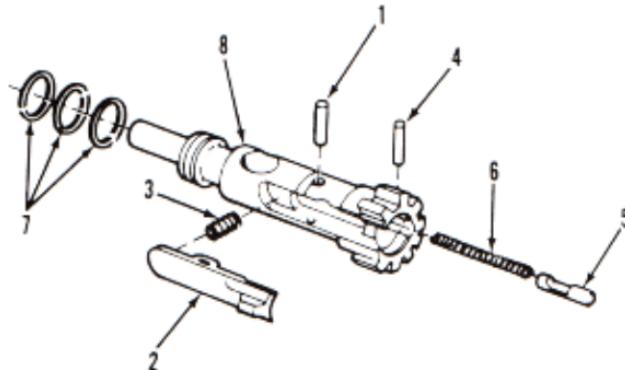
NOT TO SCALE DIMENSIONS ARE IN IN. ■ MM. □ D □ UAL				
TOLERANCES UNLESS OTHERWISE SPECIFIED INCH ± .005 MM. ± ANGLE ± .5 Deg				
FINISH		PARTS SPEC. NO.	MODEL AR15 UPPER RECEIVER (FLATTOP)	
MATERIAL 7075 T6 ALUMINUM FORGING		TITLE REAR DETAIL		SCALE FULL
DISTRIBUTION		LATEST PLOT RELEASE DATE	DRAWN BY DATE Jan 2003	SHEET NO. 6 OF 8 SHEETS
DRAWING NUMBER				
CODE		IDENT. NO.	SIZE	VAR.
			A	





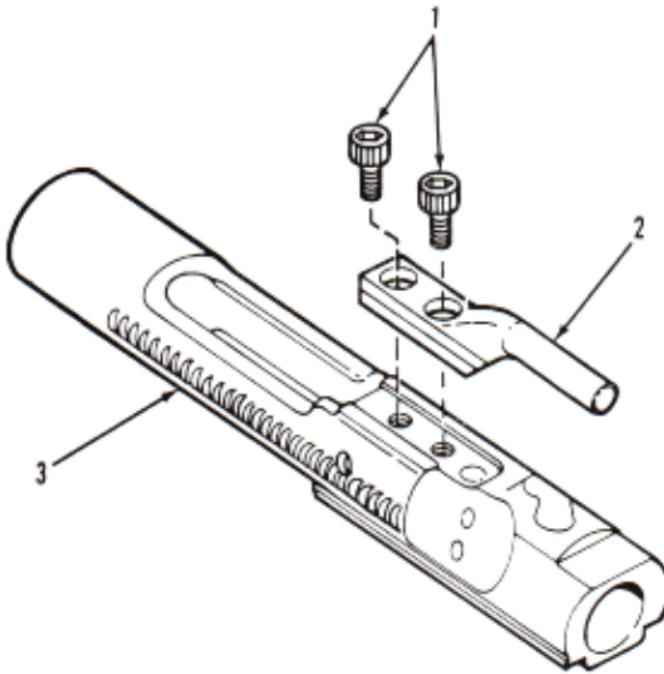






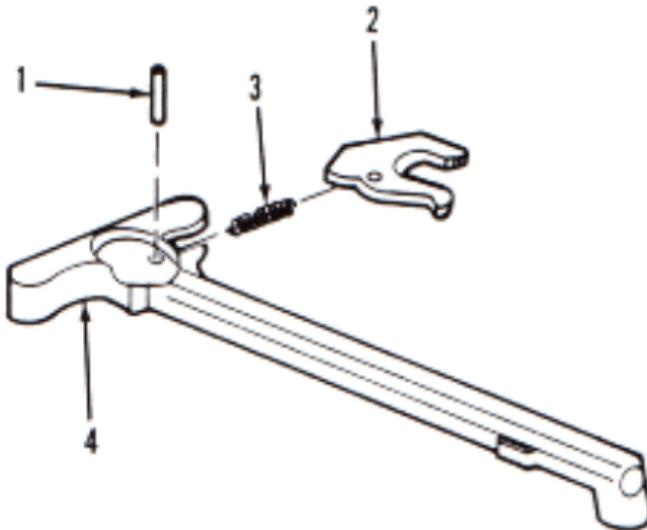
Bolt

- (1) Extractor Pin
- (2) Extractor
- (3) Extractor Spring Assembly
- (4) Ejector Pin
- (5) Ejector
- (6) Ejector Helical Spring
- (7) Bolt Rings
- (8) Bolt



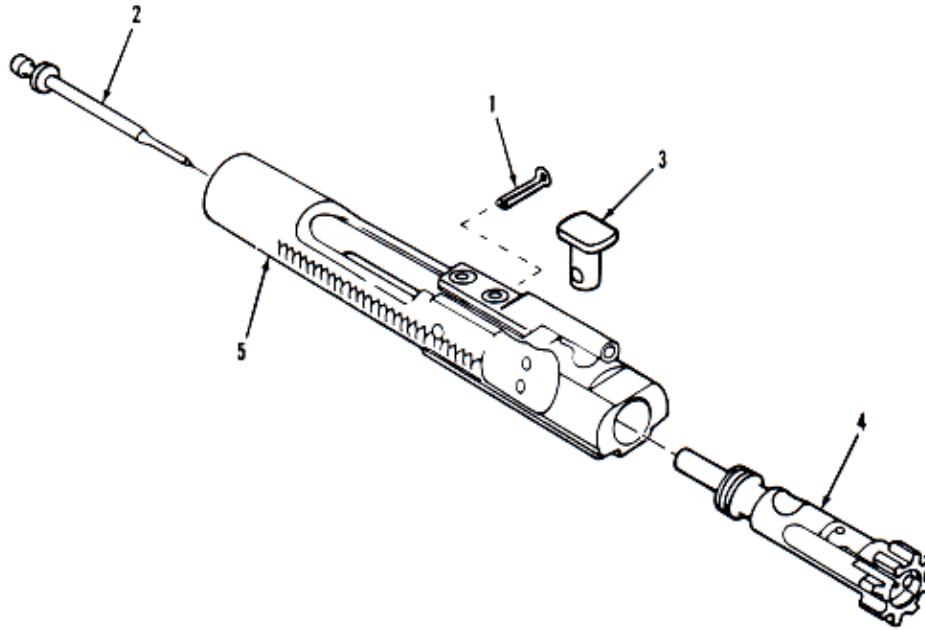
**Key And Bolt Carrier Assembly**

- (1) Carrier And Key Screw
- (2) Bolt Carrier Key
- (3) Bolt Carrier



**Charging Handle**

- (1) Charging Handle Latch Pin
- (2) Charging Handle Latch
- (3) Charging Handle Latch Helical Spring
- (4) Charging Handle



**Bolt Carrier Assembly**

- (1) Firing Pin Retaining Pin
- (2) Firing Pin
- (3) Bolt Cam Pin
- (4) Bolt Assembly
- (5) Key and Bolt Carrier Assembly

