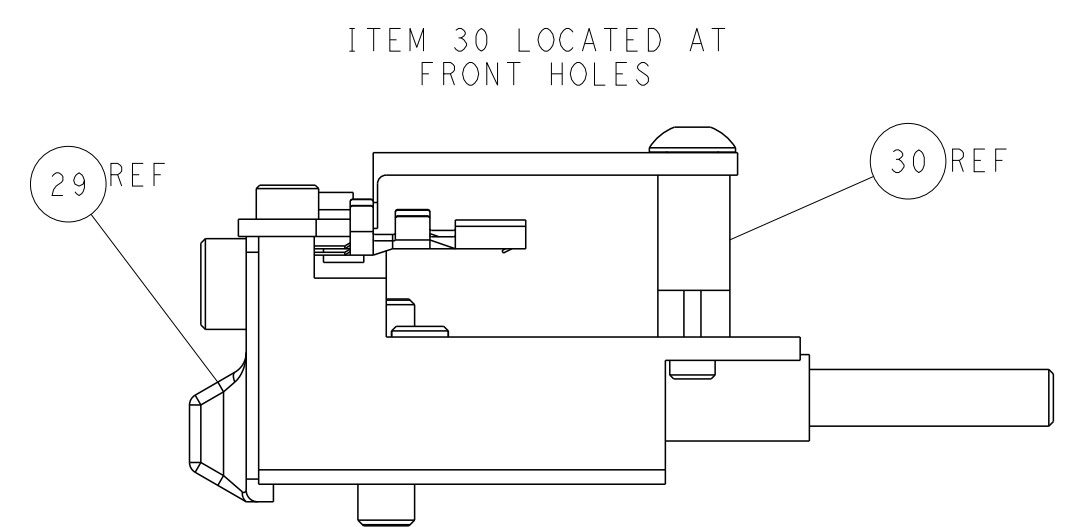
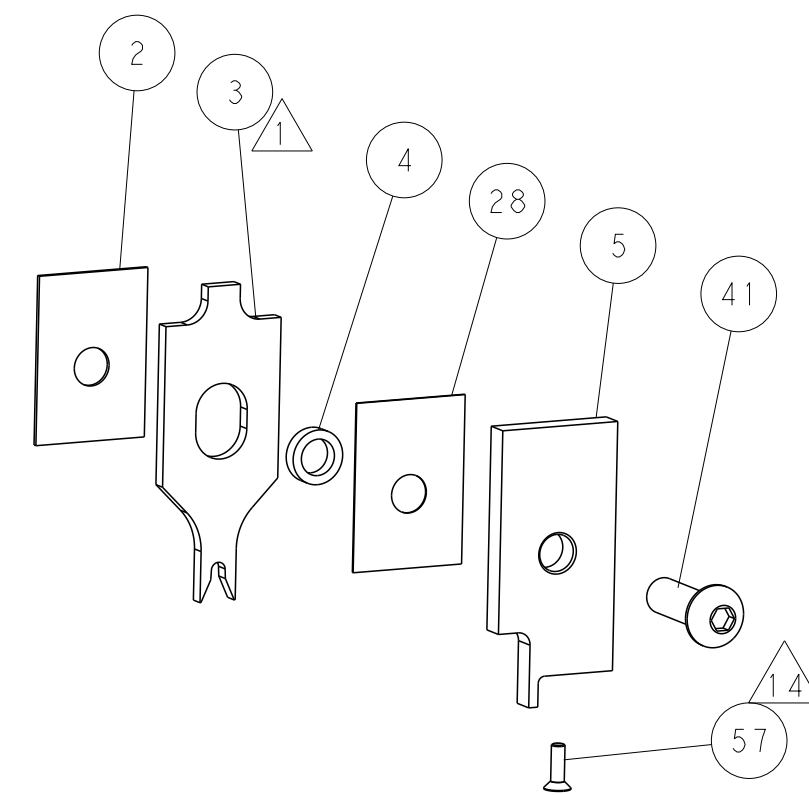
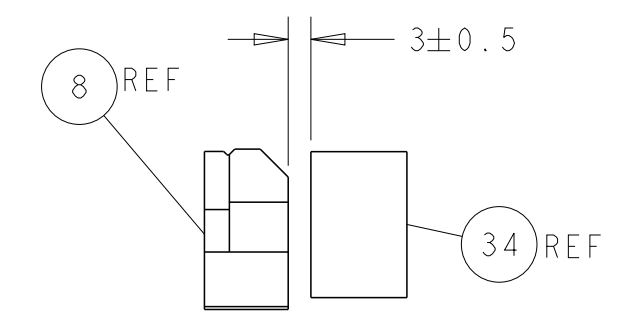
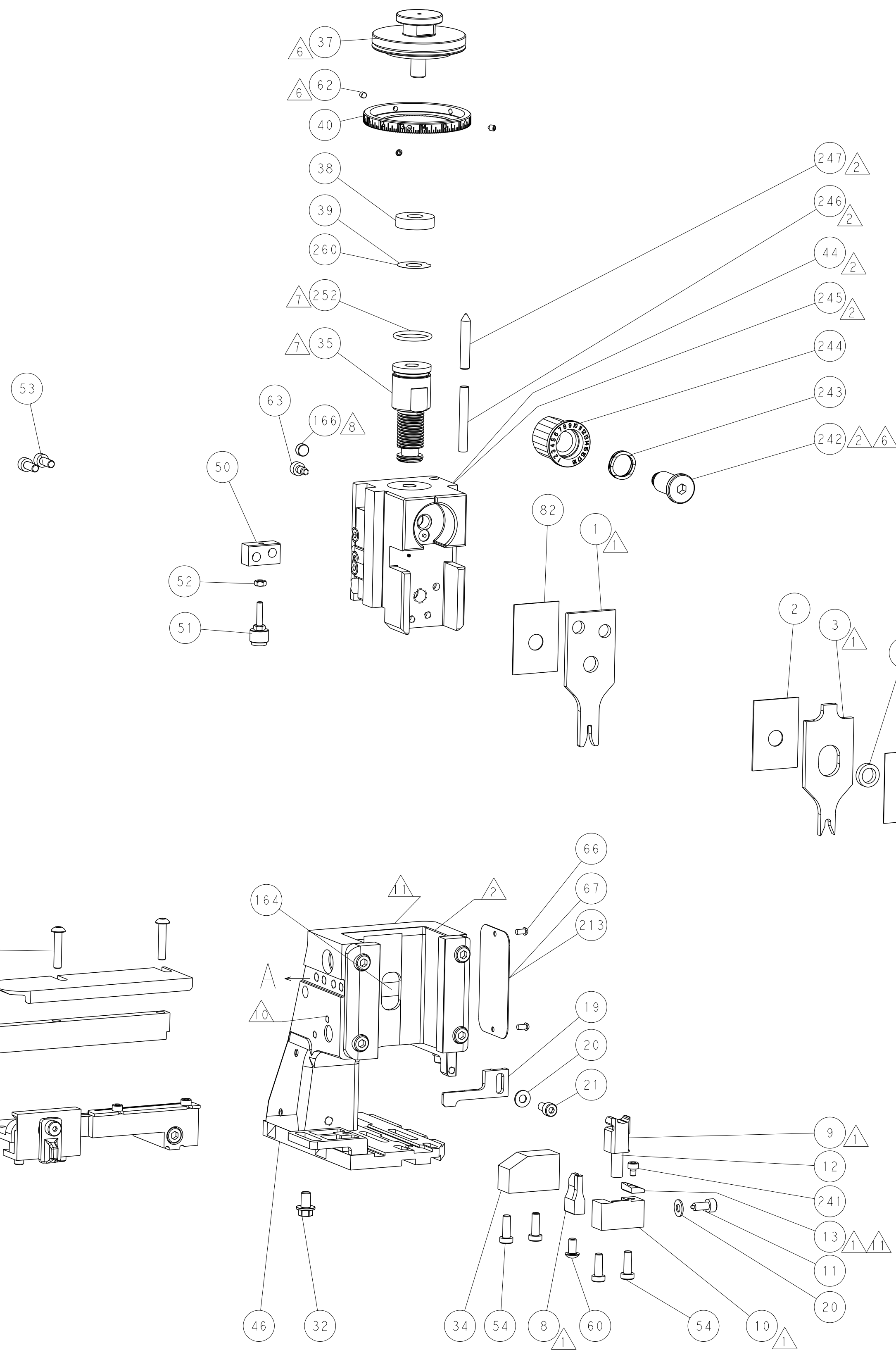
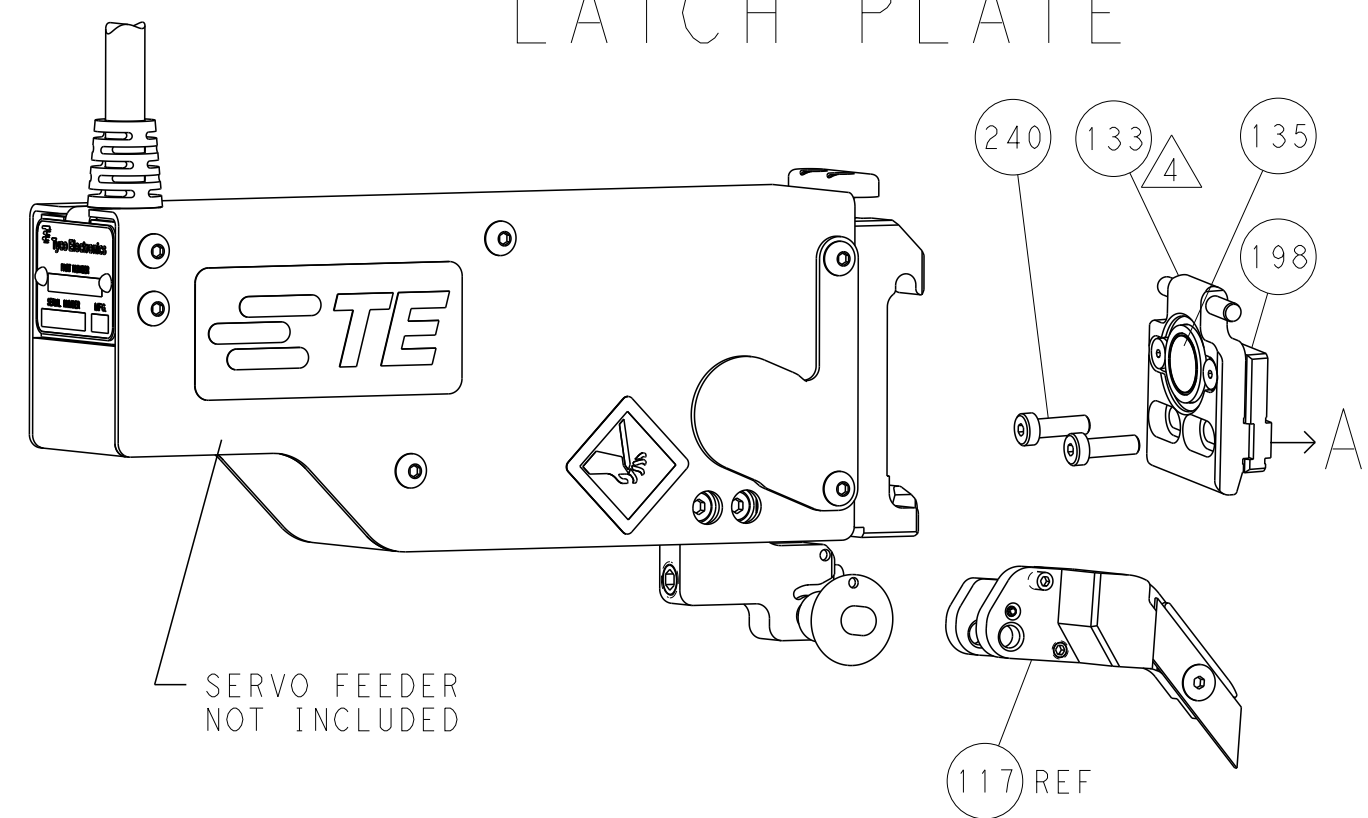


PNEUMATIC

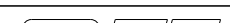
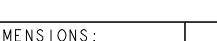
SERVO
LATCH PLATE

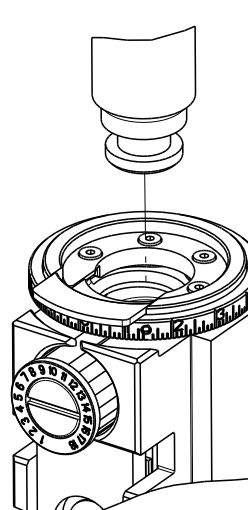
CAM POSITIONS



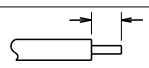
ATLANTIC VERSION

Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TFCO ELECTRONICS CORPORATION IT IS SUBJECT TO THE TERMS AND CONDITIONS OF THE PURCHASING ORGANIZATION WHICH SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN J.HOU 16MAY2016		 TE Connectivity Harrisburg, PA 17105-3608									
				CHK L.ZHANG 16MAY2016											
DIMENSIONS: mm 				TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME		Ocean Side Feed Applicator -							
						APVD L.ZHANG 16MAY2016									
				PRODUCT SPEC APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
						A		00779		G=2836301		-			
MATERIAL				FINISH		WEIGHT		-		Customer Accessible Production Drawing					
								SCALE		1:2		SHEET 2 OF 4		REV A	

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER 	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART							
					CONVERT TO	PART NUMBERS REQUIRED						
	2-2836301-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1	
					SERVO LATCH PLATE	2119951-1	-	8-2836301-5	1901094-3	-	2168400-6 (QUANTITY 2)	
					SMART APPLICATOR	2161326-1	-	8-2836301-4	-	-	-	
	2-2836301-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-	
					SERVO LATCH PLATE	2119951-1	-	8-2836301-5	1901094-3	-	2168400-6 (QUANTITY 2)	
					SMART APPLICATOR	2161326-1	-	8-2836301-4	-	-	-	
	2-2836301-5	A	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE ⁴	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-	
					PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1	
	2-2836301-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-	-
	7-2836301-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	3.40 mm [.134]	O
APPLICATOR INSTRUCTIONS 408-10389 		

TERMINAL DATA: SUMITOMO TERMINASUMITOMO CRIMP SPECIFICATION			
TERMINAL NAME: SUMITOMO TERMINAL			
WIRE STRIP LENGTH 4.02-4.79 mm [.158-.188 IN]		 INSULATION DIAMETER RANGE Ø1.80-2.30 mm [.071-.091 IN]	
TERMINAL APPLICATION SPECIFICATION 	82400491/71651565 Rev 2014/11/05	-	-
TERMINALS APPLIED			
TE TERMINAL	SUMITOMO TERMINAL	TE SEAL	SUMITOMO SEAL
2113995-1	8240-0491	2303579-1	7165-1565

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING ⁹
1.25mm2		1.35+/-0.05 [.053+/-0.002]		7.0
0.85mm2		1.15+/-0.05 [.045+/-0.002]		9.2



- ¹ RECOMMENDED SPARE PARTS
- ² GREASE BEARING SURFACES LIGHTLY
3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- ⁴ APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2836301-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2836301-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2836301-5
5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- ⁶ APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- ⁷ GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.
- ⁸ MAGNET MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- ⁹ CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
- ¹⁰ SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- ¹¹ TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- ¹² THIS APPLICATOR APPLIES TERMINAL WITH A SEAL.
- ¹³ APPLY TORQ-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION.
APPLY #1-23419-5 LOC-TITE TO THREADS.

*WARNING
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

SET UP GAUGE 2119599-1	LOC A	DIST 66	REVISIONS					
			P	LTR	DESCRIPTION	DATE	OWN	APVD
			-		SEE SHEET 1	-	-	-

-	1	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251
-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	1	1	1	1	1-22279-3	SPRING, COMPRESSION	246
-	1	1	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	2	-	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	-	-	1	-	2063440-1	AIR FEED MODULE	238
-	-	1	-	-	2119740-2	TAG,IDENTIFICATION	213
-	-	1	-	-	1901094-3	SPACER, FEEDER	198
-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA. MAT.	152
-	-	-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	1	1	2119798-2	DETENT PIN	145
-	1	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	4	4	4	4	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	143
-	-	-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1	1	1-2119656-0	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1	1	2119650-1	RAM, ASIAN STYLE, SIDE FEED	140
-	1	1	1	1	2119092-2	BOLT, ADJUSTMENT	139
-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	-	REF	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	-	-	1633743-1	SERVO FEED LATCH ASM	133
-	-	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63
-	3	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	-	-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	985575-3	SCR, FLT SKT HD CAP M3 X 10.0	57
-	-	-	1	1	1338685-1	PAWL, FEED	56
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	1	1	690753-2	SPACER, TONKER	50
-	-	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	1	1	1	1	2079383-7	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT	40
-	1	1	1	1	2119957-1	APPLICATOR SHIM PACK	39
-	1	1	1	1	1-2119644-2	RAM WASHER, PRECISION	38
-	1	1	1	1	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	1	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 x 8mm LONG	32
-	1	1	1	1	1320908-3	SPACER, STRIP GUIDE	30
-	1	1	1	1	2119959-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	455888-3	SPACER, CRIMPER	28
-	1	1	1	1	1320928-2	STRIP GUIDE	24
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1-356885-3	STOP, SHEAR	11
-	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	318707-4	FLOATING SHEAR, FRONT	9
1	1	1	1	1	6-1633920-0	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2-2119781-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	2-238011-1	BLOCK, CRIMPER SPACER	4
1	1	1	1	1	5-1633966-5	CRIMPER, INSULATION O	3
-	1	1	1	1	455888-7	SPACER, CRIMPER	2
1	1	1	1	1	1-456405-6	CRIMPER, WIRE PREMIUM	1

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				CHK L. ZHANG 16MAY2016		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD L. ZHANG 16MAY2016	NAME Ocean Side Feed Applicator	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.01 ANGLES ±.01 FINISH		PRODUCT SPEC	SIZE A1	
MATERIAL -		FINISH -		APPLICATION SPEC	CAGE CODE 00779	
				WEIGHT -	DRAWING NO ©=2836301	
				Customer Accessible Production Drawing		RESTRICTED TO -
				SCALE 1:2		SHEET 3
				OF 4		REV A

LOC		DIST		REVISIONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

D

C

B

A

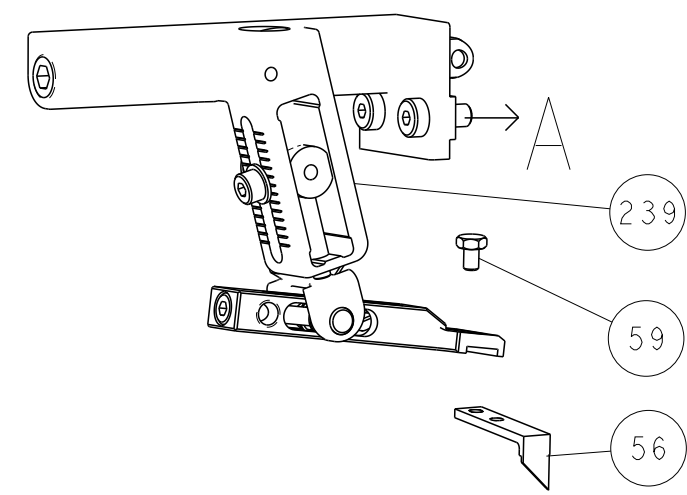
D

C

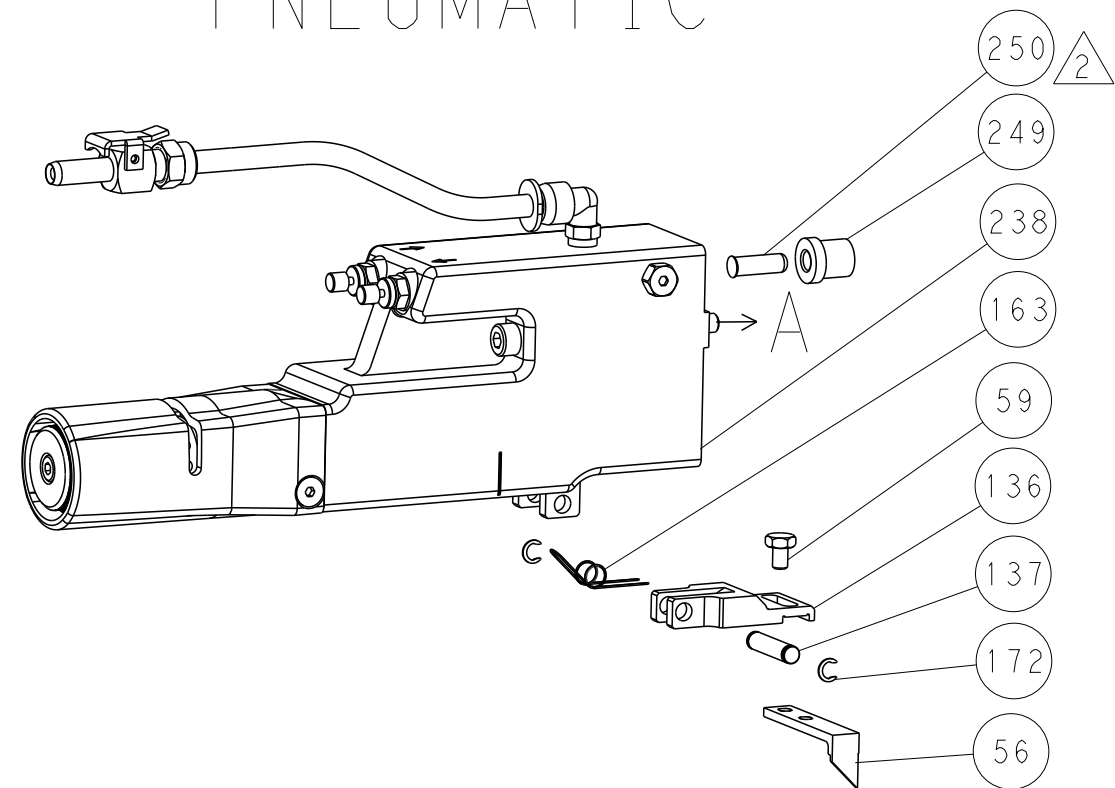
B

A

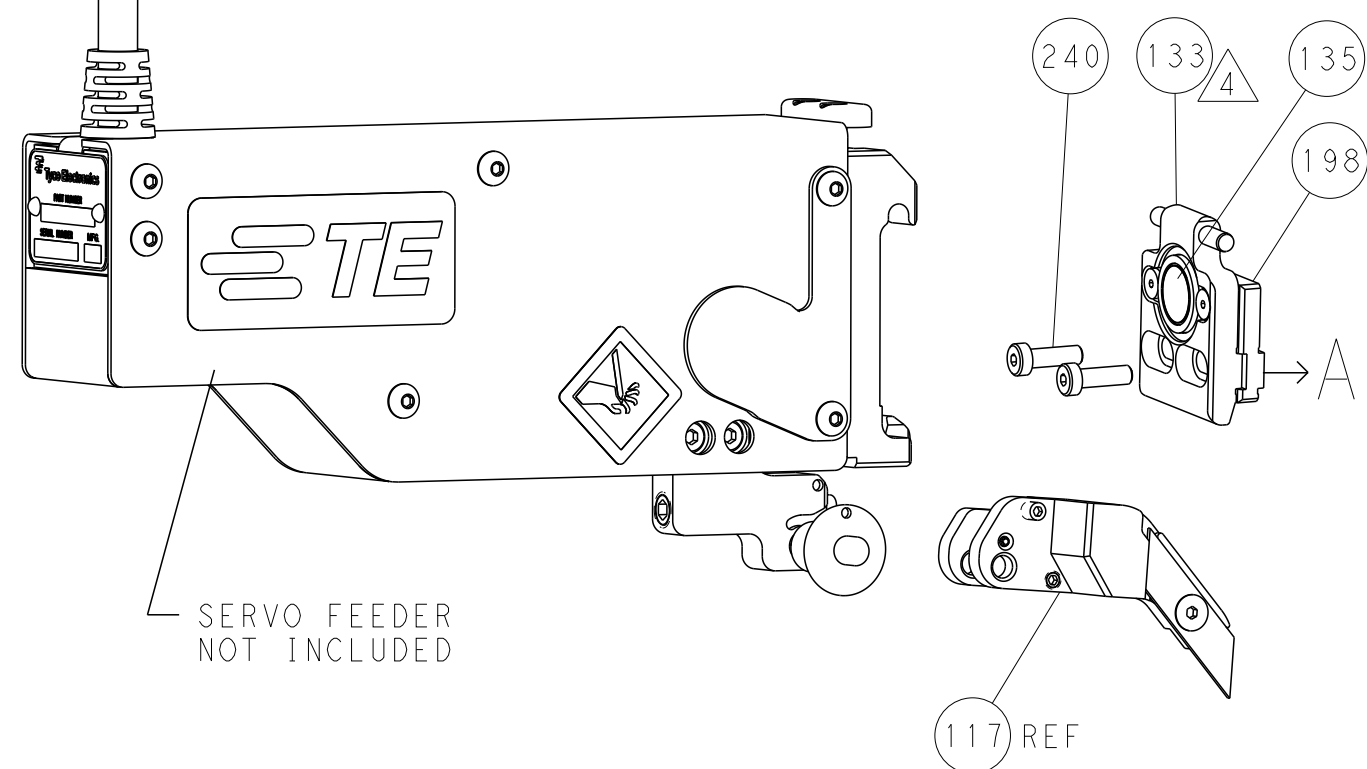
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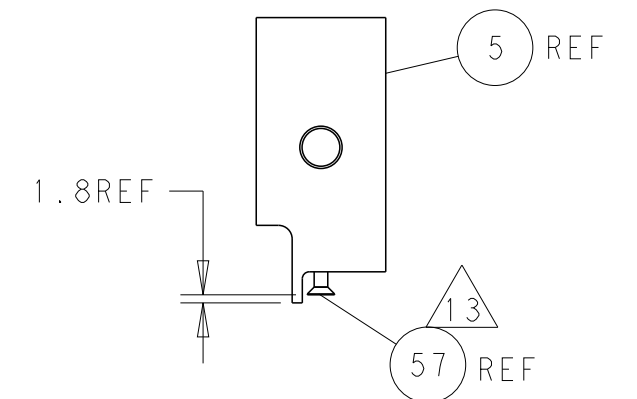
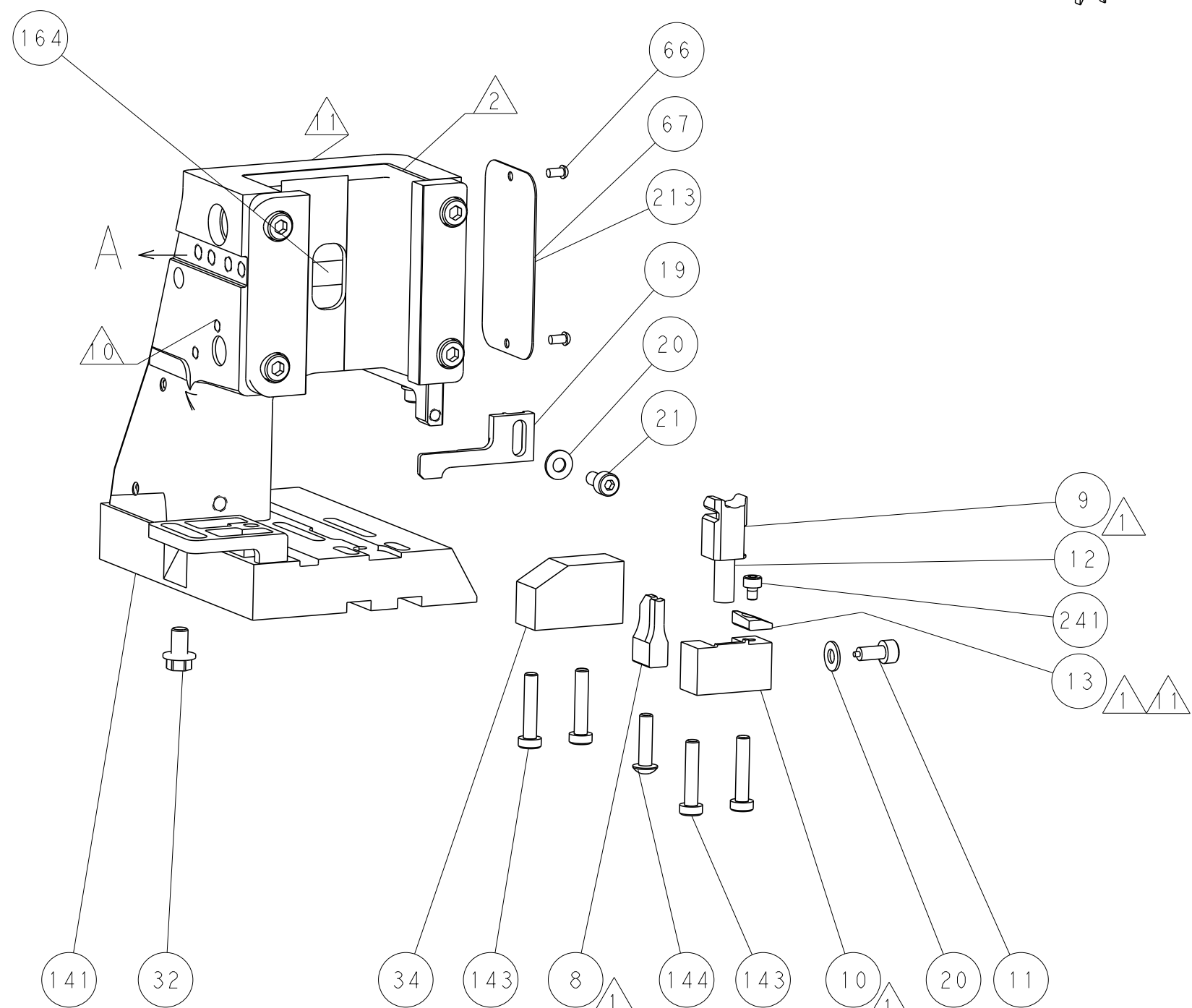
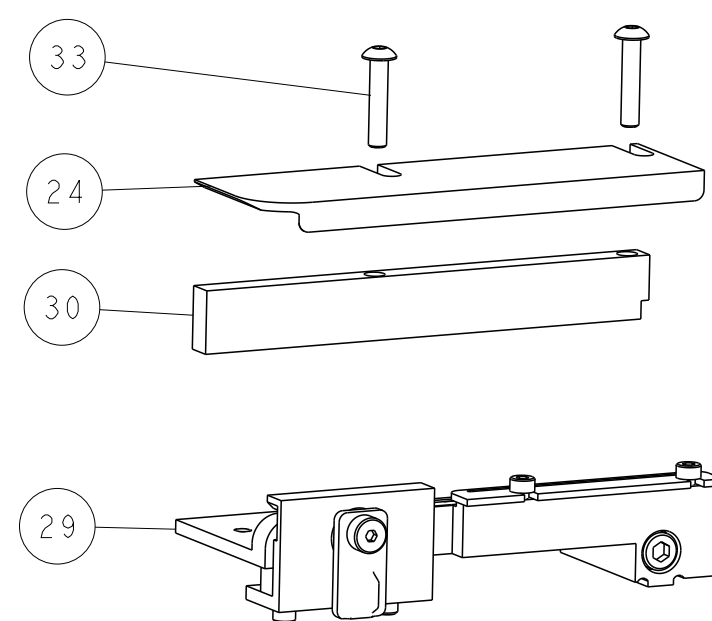
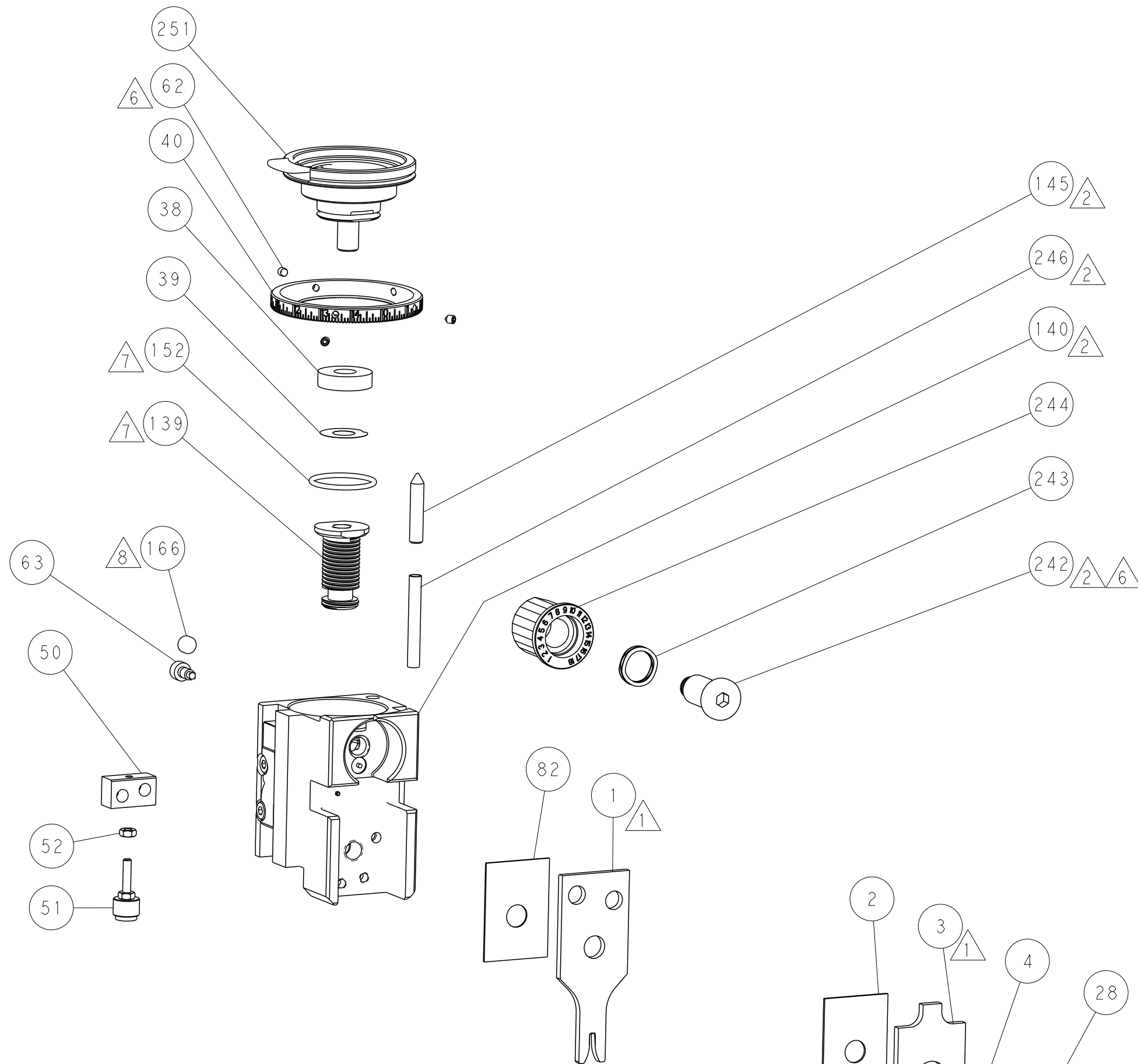
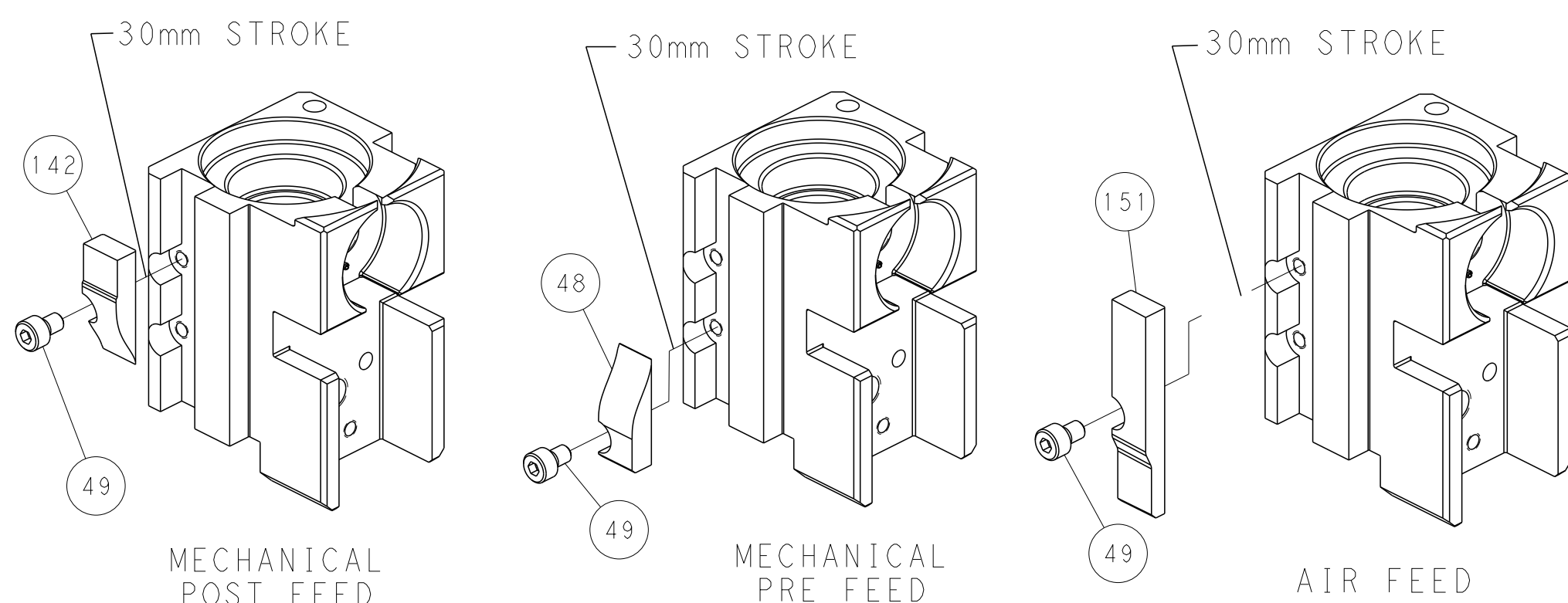
PNEUMATIC



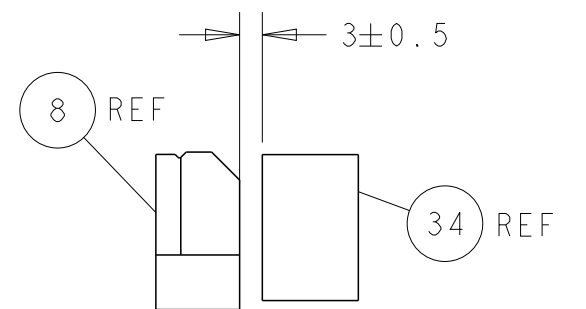
SERVO LATCH PLATE



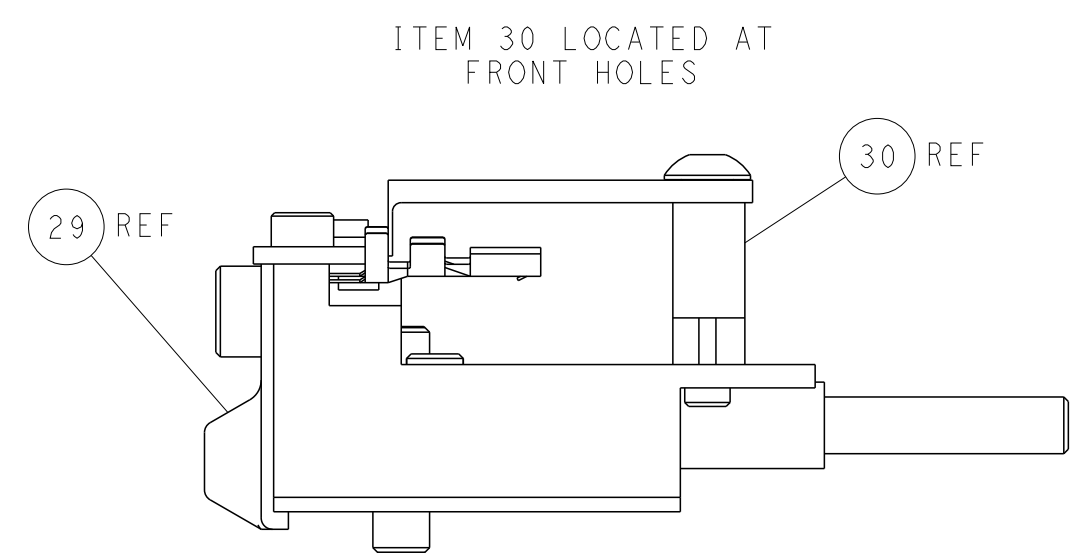
CAM POSITIONS



SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

PACIFIC VERSION
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(Atlantic version shown on sheets 1 of 4 & 2 of 4)

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DIMENSIONS:		CHK	16MAY2016	Harrisburg, PA 17105-3608	
mm		APVD	16MAY2016	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		Ocean Side Feed Applicator	
0 PLC ±		APPLICATION SPEC		-	
1 PLC ±		WEIGHT		SIZE	
2 PLC ±		CAGE CODE		00779	
3 PLC ±		DRAWING NO		C=2836301	
4 PLC ±		RESTRICTED TO		-	
ANGLES		Customer Accessible Production Drawing		SCALE	
FINISH		1:2		SHEET 4 OF 4	
MATERIAL		REV		A	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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