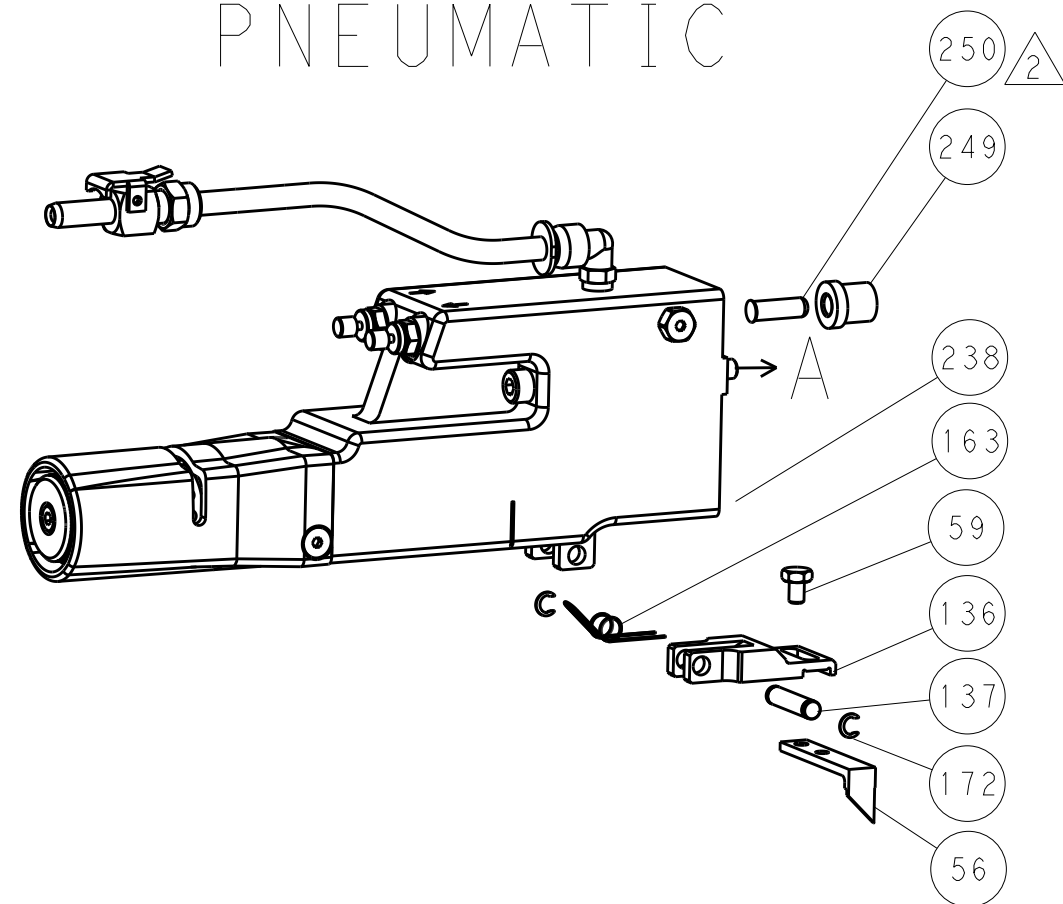
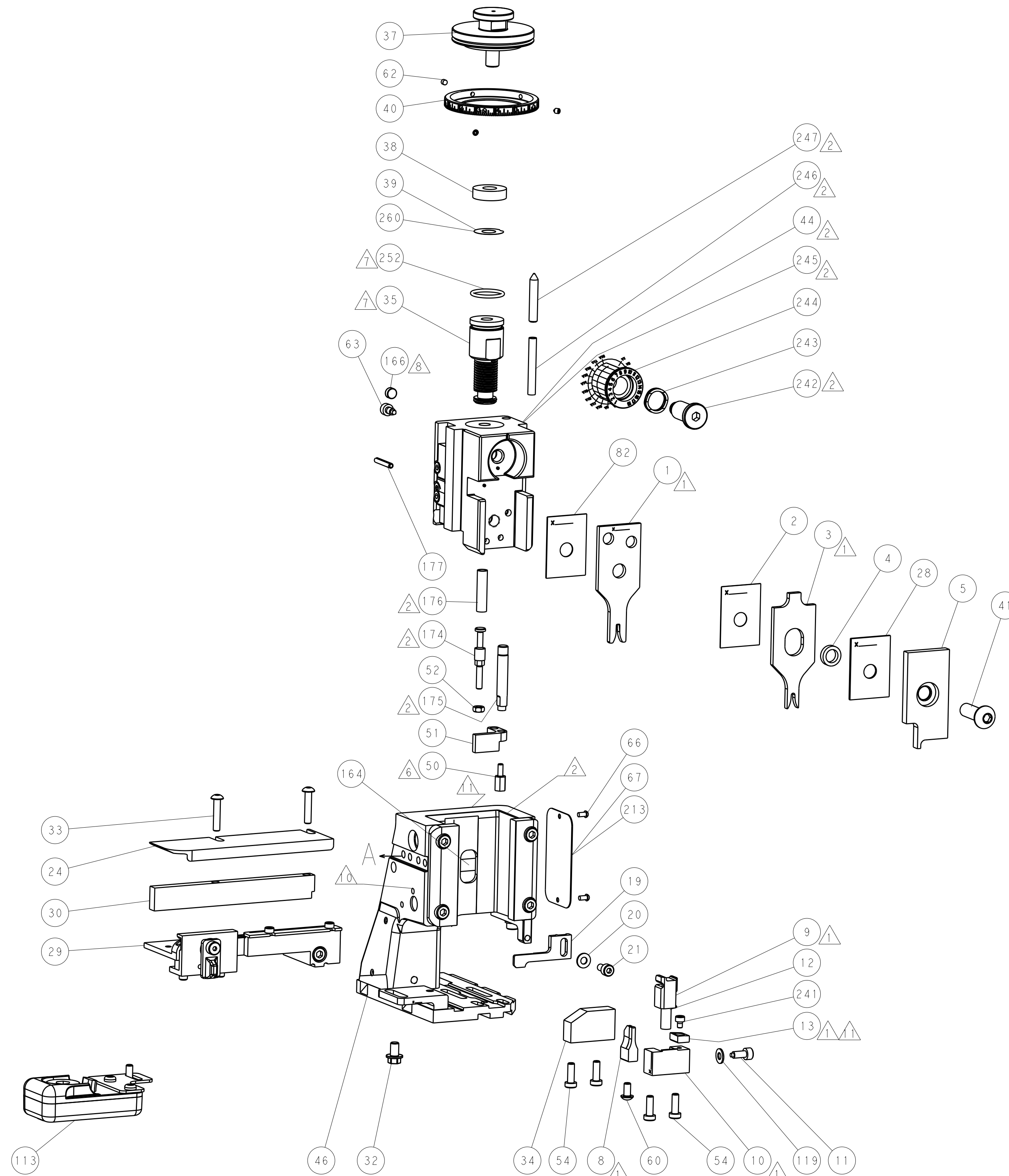


PNEUMATIC

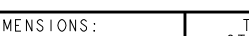


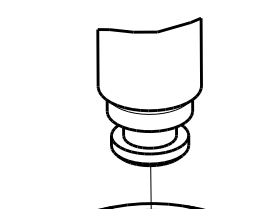
The diagrams illustrate three different feed mechanisms for the tool holder:

- MECHANICAL POST FEED:** Shows a vertical feed mechanism with a 30mm STROKE and a 40mm STROKE. The feed is controlled by a lever (47) and a pin (49).
- MECHANICAL PRE FEED:** Shows a vertical feed mechanism with a 30mm STROKE and a 40mm STROKE. The feed is controlled by a lever (48) and a pin (49).
- AIR FEED:** Shows a vertical feed mechanism with a 30mm STROKE and a 40mm STROKE. The feed is controlled by a lever (248) and a pin (49).



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 CONFIDENTIAL DOCUMENT FOR TFCO INDUSTRIES CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLS/INSPECTION/ENGINEERING ORGANIZATION SHOULD BE NOTIFIED FOR THE LATEST REVISIONS		DWN Y YIN 15SEP2011 CHK G BAILEY 15SEP2011 APPV S XI 15SEP2011		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1		NAME Ocean Side Feed Applicator	
		PRODUCT SPEC - APPLICATION SPEC -		SIZE A 1	
MATERIAL -		FINISH -		CAGE CODE 00779	
WEIGHT -		DRAWING NO C=2151058		RESTRICTED TO -	
Customer Accessible Production Drawing		SCALE 1:2		SHEET 2 OF 4 REV F	

8		7		6		5		4		3	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20							
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	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
					PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1
					SERVO LATCH PLATE	2119951-1	-	8-2151058-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151058-4	-	-	-
					MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-
					SERVO LATCH PLATE	2119951-1	-	8-2151058-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151058-4	-	-	-
					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
					-	-	-	-	-	-	-
					-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	2.54 mm [.100]	O
APPLICATOR INSTRUCTIONS 408-10389		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: MICRO TIMER 2 CONTACT			
WIRE STRIP LENGTH 		INSULATION DIAMETER RANGE	
3.80 - 4.40 mm [.150 - .173 IN]		Ø 1.40 - 2.10 mm [.055 - .083 IN]	
TERMINAL APPLICATION SPECIFICATION 	(A) 114-18081	-	-
	(B) 114-18082	-	-
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 964263-2	(A) 964263-3	(B) 964267-2	(B) 964267-1
(B) 964267-3	(B) 964267-4	(A) 121860-2	(A) 121860-7

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
1.00mm2		1.20+/- 0.05 [.047+/- .002]		7.3
0.75mm2		1.18+/- 0.05 [.046+/- .002]		7.5
0.50mm2		1.15+/- 0.05 [.045+/- .002]		7.7



 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: 8-2151058-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151058-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151058-5

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 50 & 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.

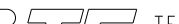
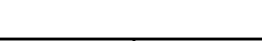
 SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

⚠ 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. TERMINAL LUBRICATOR IS RECOMMENDED WHEN RUNNING GOLD AND SILVER PLATED TERMINALS.

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

6	-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
	-	1	1	1	1	1-22279-3	SPRING, COMPRESSION	246
	-	1	1	1	1	2119082-8	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	
-	1	1	1	1	9931111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177	
-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176	
-	1	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175	
-	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174	
8	-	-	-	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
7	-	-	-	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	
7	-	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	
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119	
-	-	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117	
-	1	1	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113	
-	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	
6	-	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	1338685-1	PAWL, FEED	56	
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52	
6	-	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
	-	1	1	1	1	1-1752354-9	STANDOFF,HOLD-DOWN	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	2119644-1	RAM WASHER, PRECISION	38	
-	1	1	1	1	1-1752356-8	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	2119959-2	ASSEMBLY, STRIP GUIDE	29	
-	1	1	1	1	1-455888-0	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	
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20	
-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19	
1	-	1	1	1	1	2119806-1	INSERT, SHEAR	13
	-	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1-356885-4	STOP, SHEAR	11	
1	-	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1	1	454276-5	FLOATING SHEAR, FRONT	9
1	1	1	1	1	1	1333204-3	ANVIL, COMBINATION	8
	-	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
1	-	1	1	1	1	238011-2	BLOCK, CRIMPER SPACER	4
	1	1	1	1	1	1633965-3	CRIMPER, INSULATION O PREMIUM	3
1	-	1	1	1	1	455888-3	SPACER, CRIMPER	2
	1	1	1	1	1	1-456405-6	CRIMPER, WIRE PREMIUM	1
-77	-27	25	-22	-21	PART NO	DESCRIPTION	ITEM NO	

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DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0.0125		Ocean Side Feed Applicator	
		0.0125		PRODUCT SPEC	
0.0125		0.0125		APPLICATION SPEC	
0.0125		0.0125		SIZE	
0.0125		0.0125		CAGE CODE	
0.0125		0.0125		DRAWING NO	
0.0125		0.0125		RESTRICTED TO	
MATERIAL		FINISH		A 00779 C=2151058	
-		-		-	
Customer Accessible Production Drawing		SCALE		1:2	
-		SHEET		3 of 4	
-		REV		E	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

AMP 4805 REV 31MAR2000

```
*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.
```

-	1	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251
-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-77	-27	-25	-22	-21	PART NO	DESCRIPTION	ITEM NO

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

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

D

C

B

A

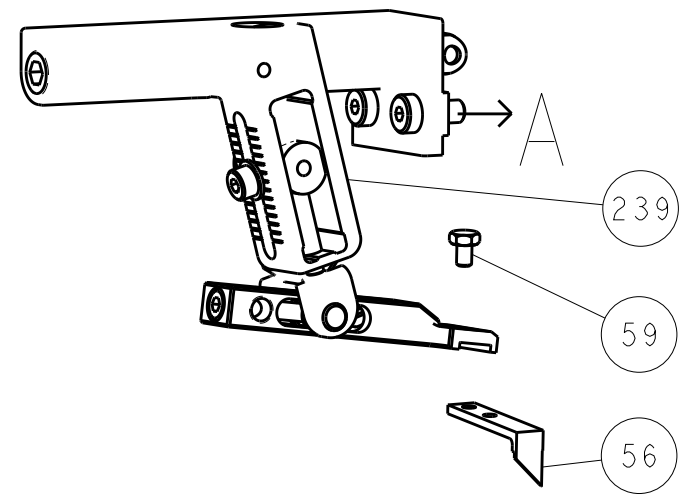
D

C

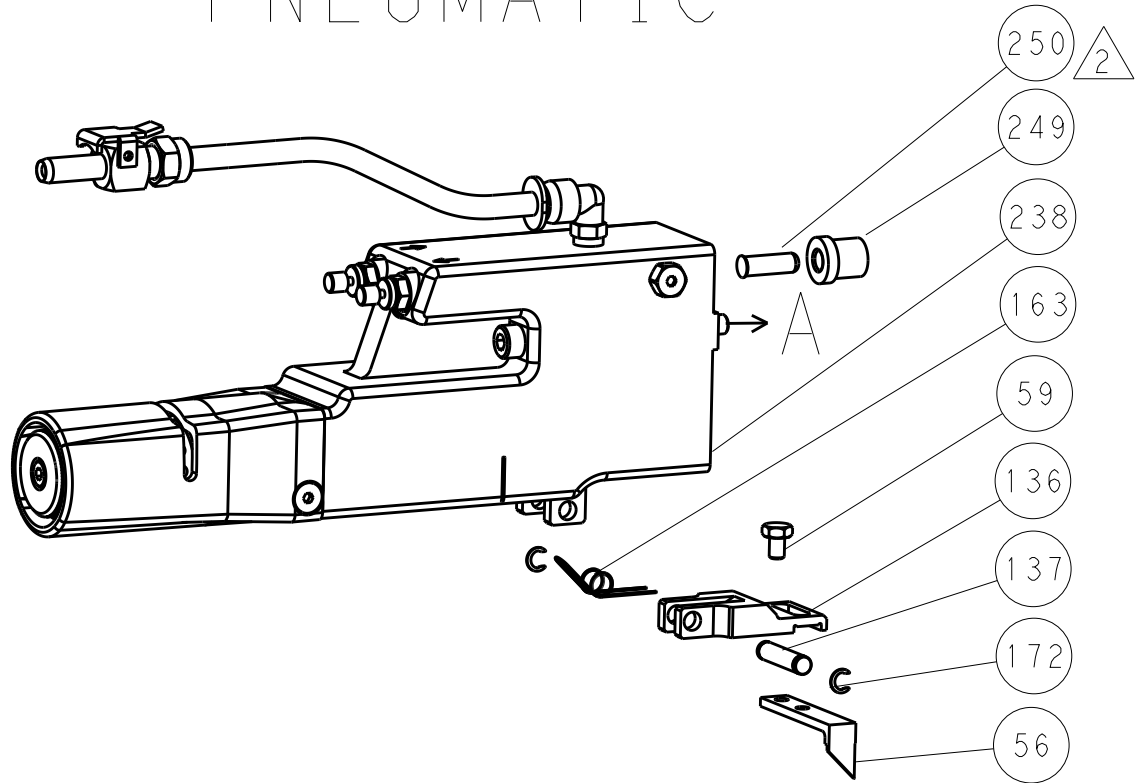
B

A

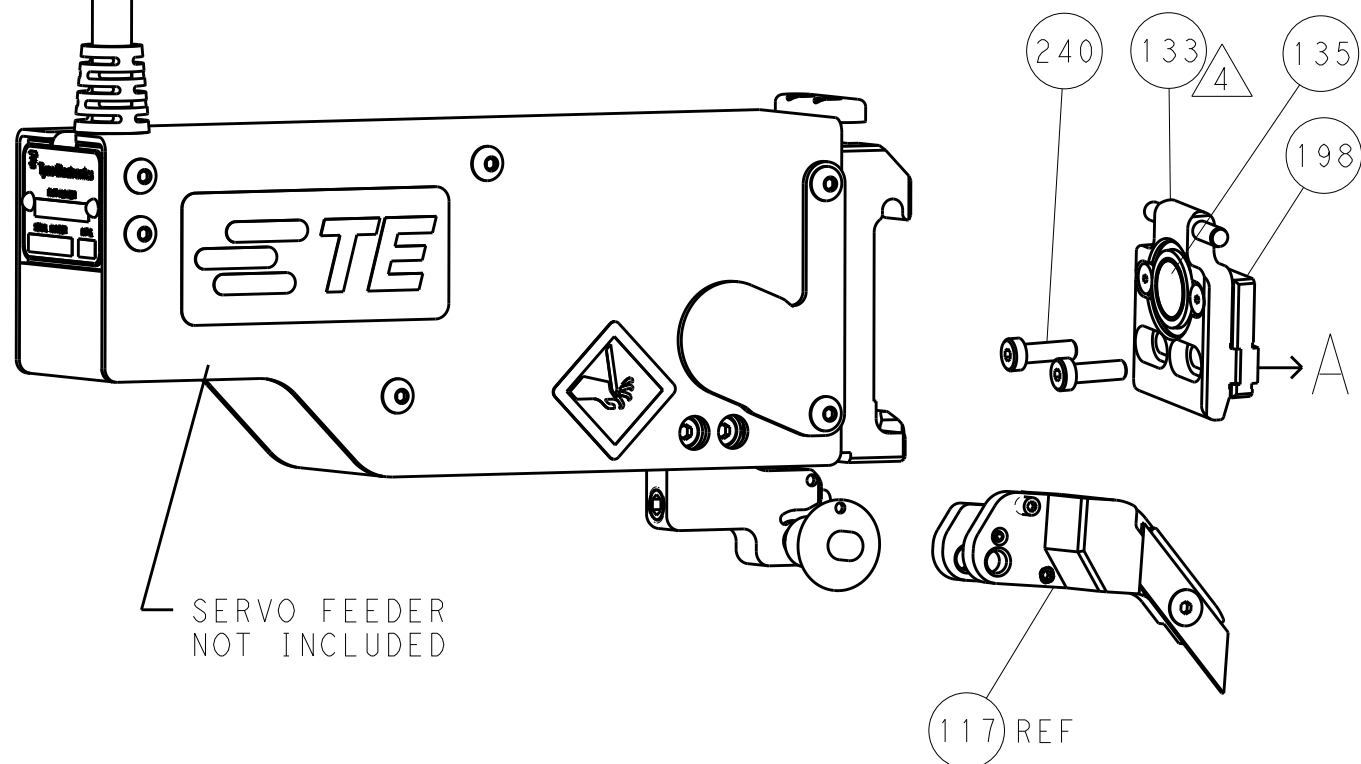
FEED TYPE MECHANICAL



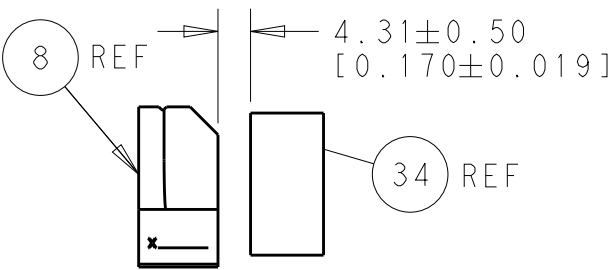
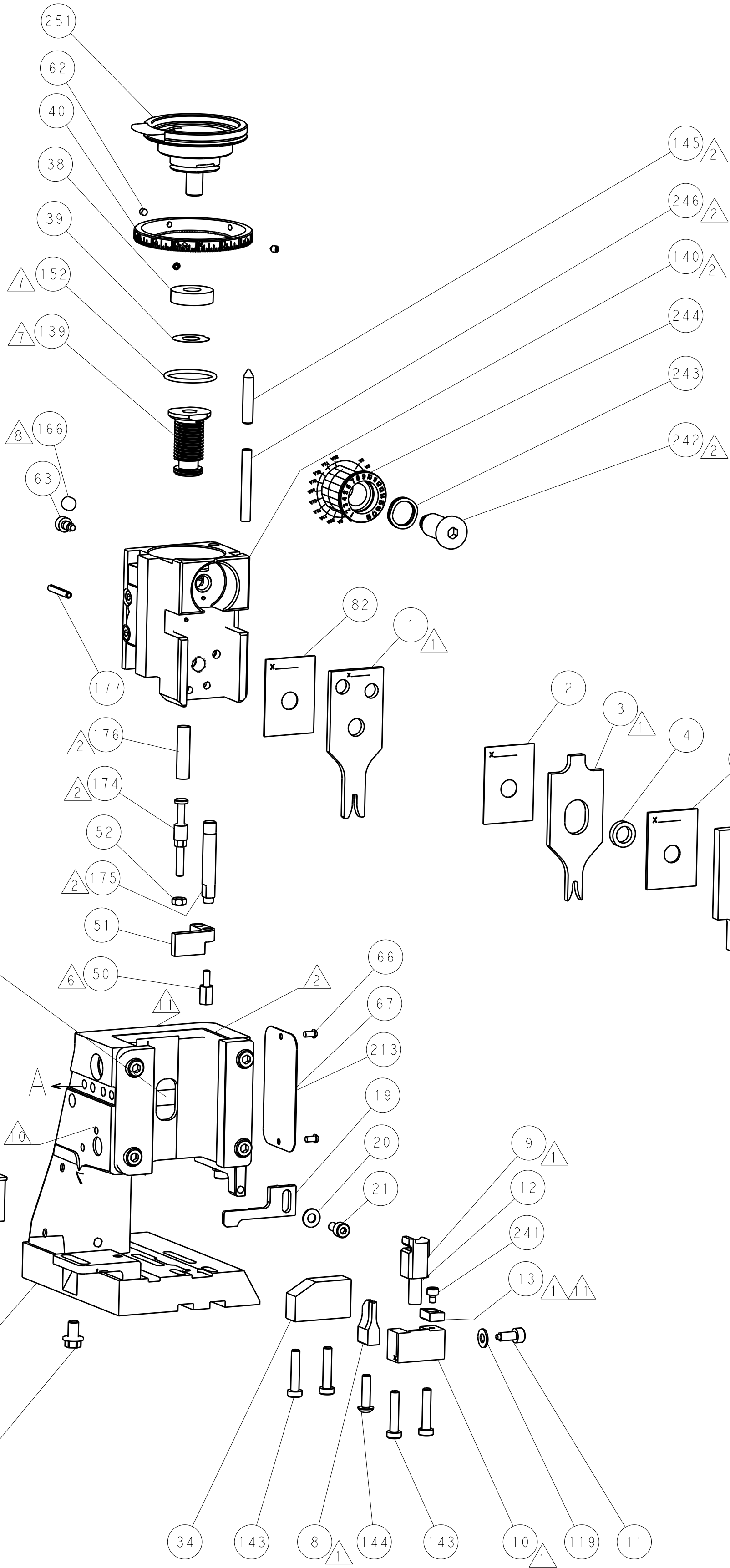
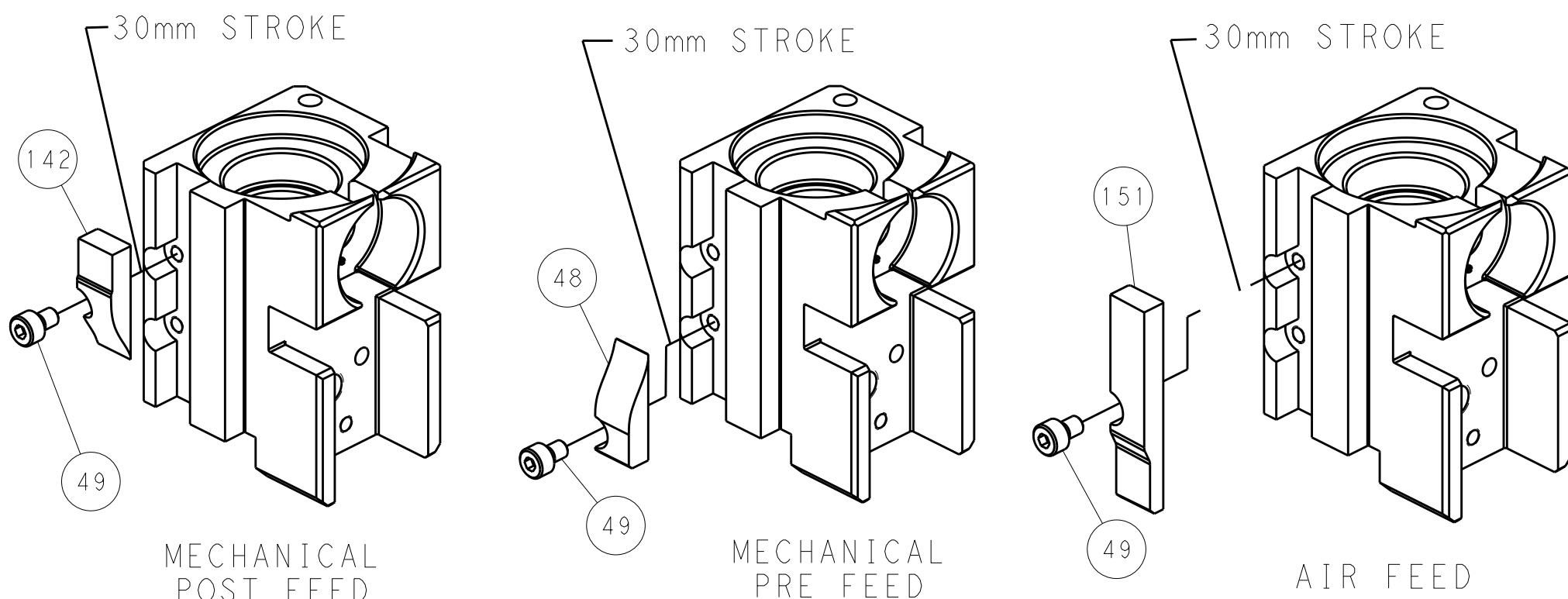
PNEUMATIC



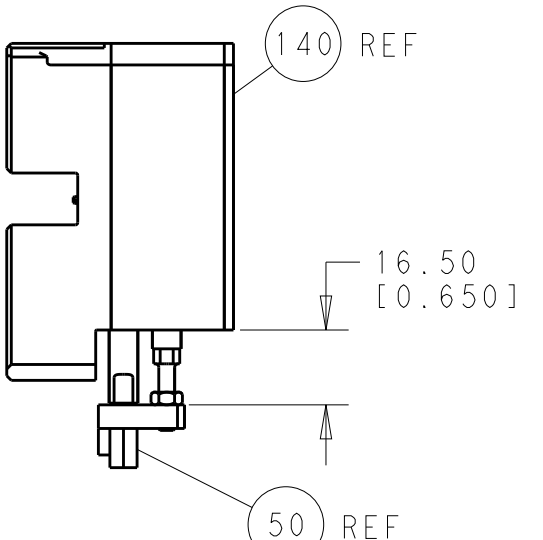
SERVO LATCH PLATE



CAM POSITIONS

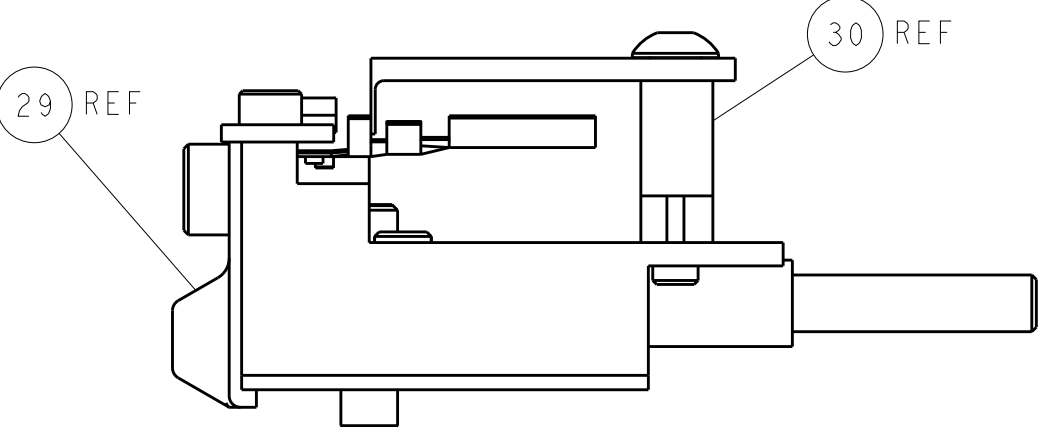


TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP

ITEM 30 LOCATED AT
FRONT HOLES



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

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DIMENSIONS: mm		CHK G. BAILEY 15SEP2011	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. XI 15SEP2011	SIZE CAGE CODE DRAWING NO	
0 PLC ±0.5		PRODUCT SPEC	RESTRICTED TO	
1 PLC ±0.13		APPLICATION SPEC	A1 00779 ©=2151058	
2 PLC ±0.13		WEIGHT	Customer Accessible Production Drawing	
3 PLC ±0.013		SCALE	1:2	
4 PLC ±0.001		SHEET	4 OF 4	
ANGLES FINISH		REV	E	

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

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