

Diagram of the front of the microscope. Callouts 239, 59, and 56 point to the eyepiece, objective lenses, and base respectively.

PNEUMATIC

250

249

238

163

59

136

137

172

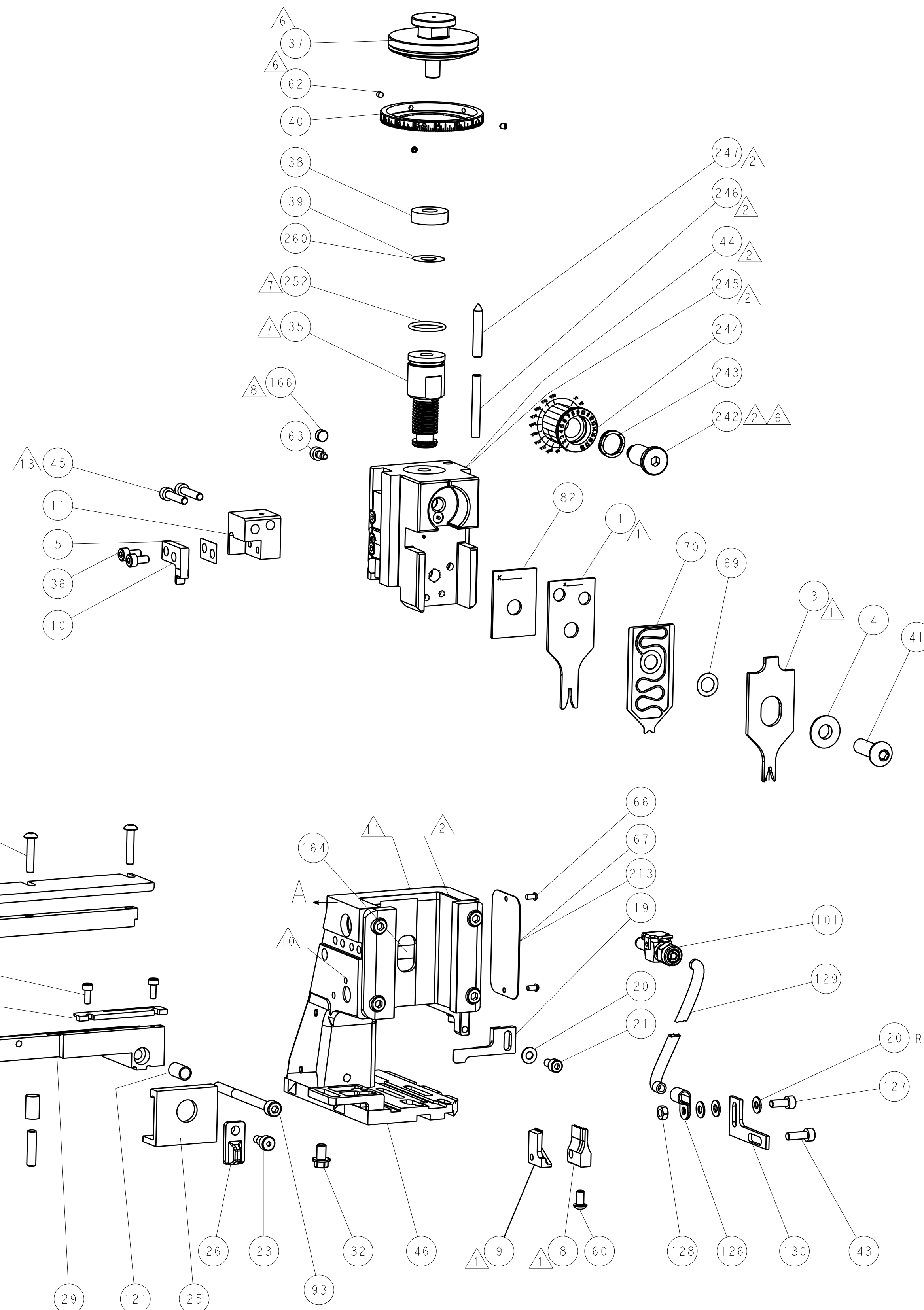
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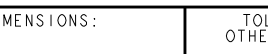
A

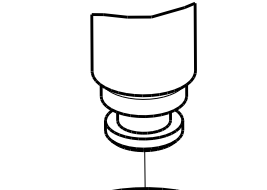
C

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

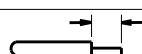
- MECHANICAL POST FEED:** Shows a vertical feed mechanism with a 30mm STROKE and a 40mm STROKE. The feed is controlled by a lever (47) and a pin (49).
- MECHANICAL PRE FEED:** Shows a vertical feed mechanism with a 30mm STROKE and a 40mm STROKE. The feed is controlled by a lever (48) and a pin (49).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



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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm				Ocean Side Feed Applicator	
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±°		PRODUCT SPEC	
				APPLICATION SPEC	
MATERIAL		FINISH		SIZE	CAGE CODE
-		-		A	00779
				DRAWING NO	
				C=2266610	
				RESTRICTED TO	
				-	
Customer Accessible Production Drawing				SCALE	1:2
				SHEET	2 of 4
				REV	A

8		7		6		5		4		3				
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PACIFIC VERSION TERMINATOR INTERFACE ADAPTER		PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART								
						CONVERT TO	PART NUMBERS REQUIRED							
		2-2266610-1	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	-	8-2266610-5	1901094-3	-	2168400-6 (QUANTITY 2)		
						SMART APPLICATOR	2161326-1	-	8-2266610-4	-	-	-		
				2-2266610-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-
								SERVO LATCH PLATE	2119951-1	-	8-2266610-5	1901094-3	-	2168400-6 (QUANTITY 2)
								SMART APPLICATOR	2161326-1	-	8-2266610-4	-	-	-
				2-2266610-5	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
								-	-	-	-	-	-	-
		2-2266610-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-	-	
		7-2266610-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	-	

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.60 mm [.063]	F
INSUL	1.68 mm [.066]	F
APPLICATOR INSTRUCTIONS 408-10389		

TERMINAL DATA: MOLEX TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: CAT EAR TERMINAL			
WIRE STRIP LENGTH 2.54-3.18 mm [.100-.125 IN]		INSULATION DIAMETER RANGE Ø1.12-1.57 mm [.044-.062 IN]	
			
TERMINAL APPLICATION SPECIFICATION	ATS-638887100 Rev C	-	-
	-	-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
1949166-1	08-50-0031	1949166-6	08-56-0120
1949166-2	08-50-0030	1949166-7	97-00-0450
1949166-3	08-50-0135	1949166-8	08-52-0150
1949166-4	08-55-0110	1949166-9	08-65-0150
1949166-5	08-55-0112	1-1949166-0	97-00-0225

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING	
22 AWG OR 0.35mm ²		0.825+/-0.025 [0.032+/-0.001]		5.4	
24 AWG OR 0.20mm ²		0.765+/-0.025 [0.030+/-0.001]		6.0	
26 AWG OR 0.12mm ²		0.71+/-0.030 [0.028+/-0.001]		6.6	
28 AWG OR 0.08mm ²		0.685+/-0.025 [0.027+/-0.001]		6.9	
30 AWG OR 0.05mm ²		0.645+/-0.015 [0.025+/-0.001]		7.4	

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*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
-	-	-	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
-	-	2	-	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-77	-27	-25	-22	-21	PART NO	DESCRIPTION	ITEM NO

[illegible]

-	-	-	-	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
-	-	-	-	1	2119653-2	FEED CAM, POST FEED	14
-	1	1	1	1	2119656-2	APPLICATOR BASIC ASSEMBLY, SF	14
-	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	2217068-1	BRACKET, AIR BLAST	130
-	457	457	457	457	2030758-3	TUBING, POLYURETHANE	129
-	1	1	1	1	5018030-2	NUT, HEX, REG, RoHS, M4	128
-	1	1	1	1	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	127
-	1	1	1	1	986220-3	CLAMP, CABLE, BLACK	126
-	1	1	1	1	1-22281-8	SPRING, COMPRESSION	121
-	-	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	23238-1	INSERT, COUPLING	101
-	1	1	1	1	2-690487-8	GUIDE, FRONT STRIP	96
-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	1	1	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93
-	1	1	1	1	1-455888-3	SPACER, CRIMPER	82
-	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	70
-	1	1	1	1	2119943-1	WASHER, SPACER	69
-	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
-	2	2	2	2	2-18032-5	SCR, SET, FLT POINT M5 X 20.0	61
-	-	-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	45
-	1	1	1	1	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	43
-	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	1-2119644-4	RAM WASHER, PRECISION	38
-	2	2	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	36
-	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	1-1320908-6	SPACER, STRIP GUIDE	30
-	1	1	1	1	1-1901086-9	PLATE, STRIP GUIDE	29
-	2	2	2	2	22281-7	SPRING, COMPRESSION	27
-	1	1	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	1	1	5-690754-0	DRAG, SPECIAL	25
-	1	1	1	1	1-1320928-0	STRIP GUIDE	24
-	1	1	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	4	4	4	4	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	2119533-4	STRIPPER, SIDE FEED	19
-	1	1	1	1	2119830-8	HOLDER, SLUG BLADE	11
-	1	1	1	1	1633579-6	BLADE, SLUG	10
-	1	1	1	1	1803150-2	PLATE, REAR SHEAR	9
1	1	1	1	1	1633481-8	ANVIL, SPECIAL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	4-240641-9	SPACER	5
-	1	1	1	1	238009-4	BLOCK, FL CRIMPER SPACER	4
1	1	1	1	1	7-1633962-8	CRIMPER, INSULATION F PREMIUM	3
-	-	-	-	-	-	-	2
1	1	1	1	1	8-1633738-9	CRIMPER, WIRE	1
-77	-27	-25	-22	-21	PART NO	DESCRIPTION	ITEM NO

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ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.		CHK G. BAILEY 17JAN2015			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME Ocean Seals Feed Applicator	
		PRODUCT SPEC		SIZE CODE DRAWING NO RESTRICTED TO A1 00779 C=2266610	
		APPLICATION SPEC			
MATERIAL -		WEIGHT -		CUSTOMER ACCESSIBLE PRODUCTION DRAWING SCALE 1:2 SHEET 3 OF 4 REV A	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

D

C

B

A

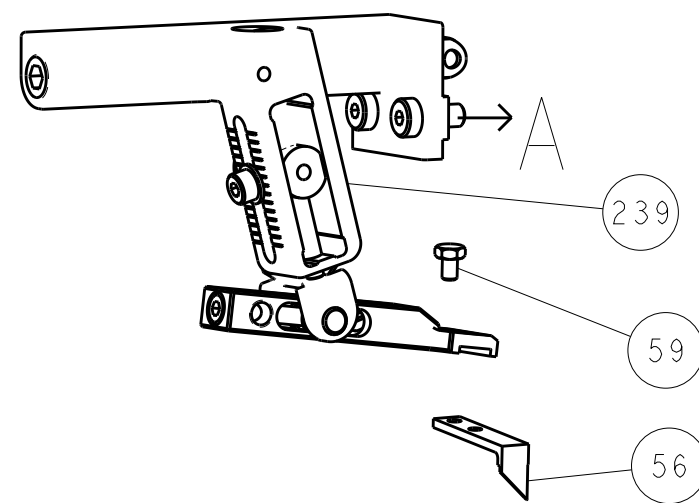
D

C

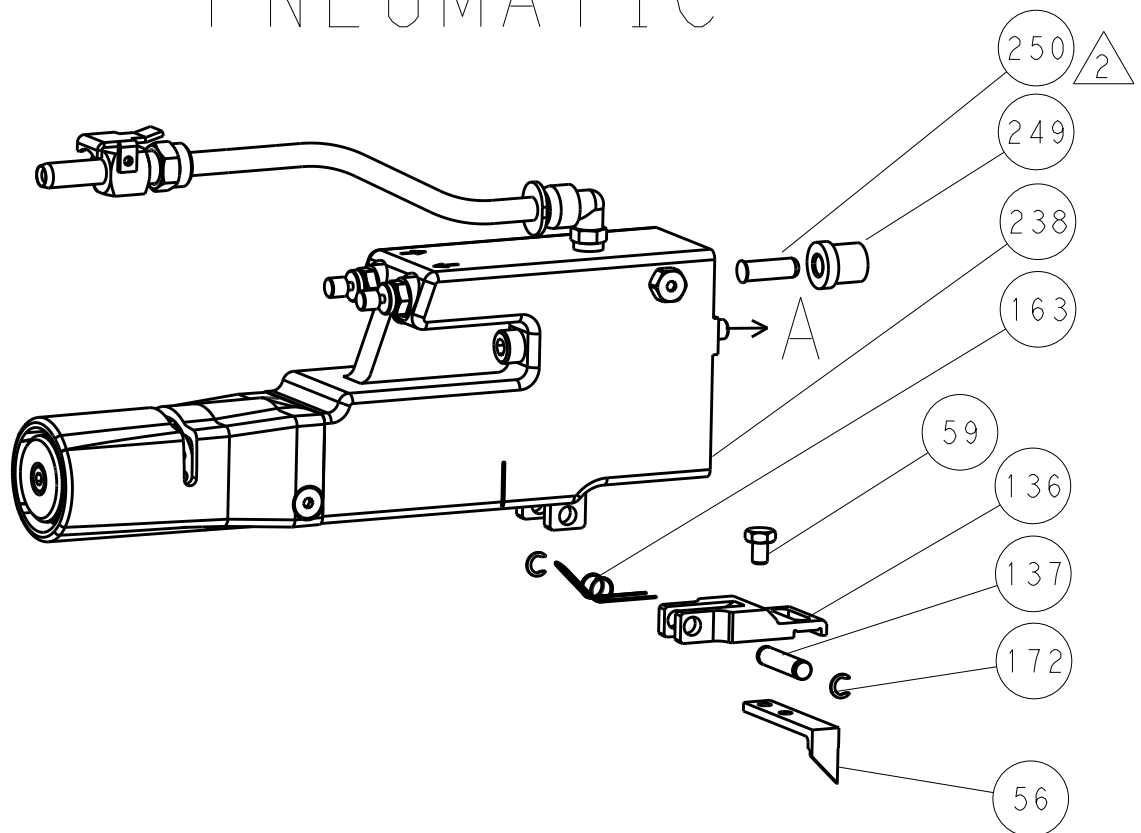
B

A

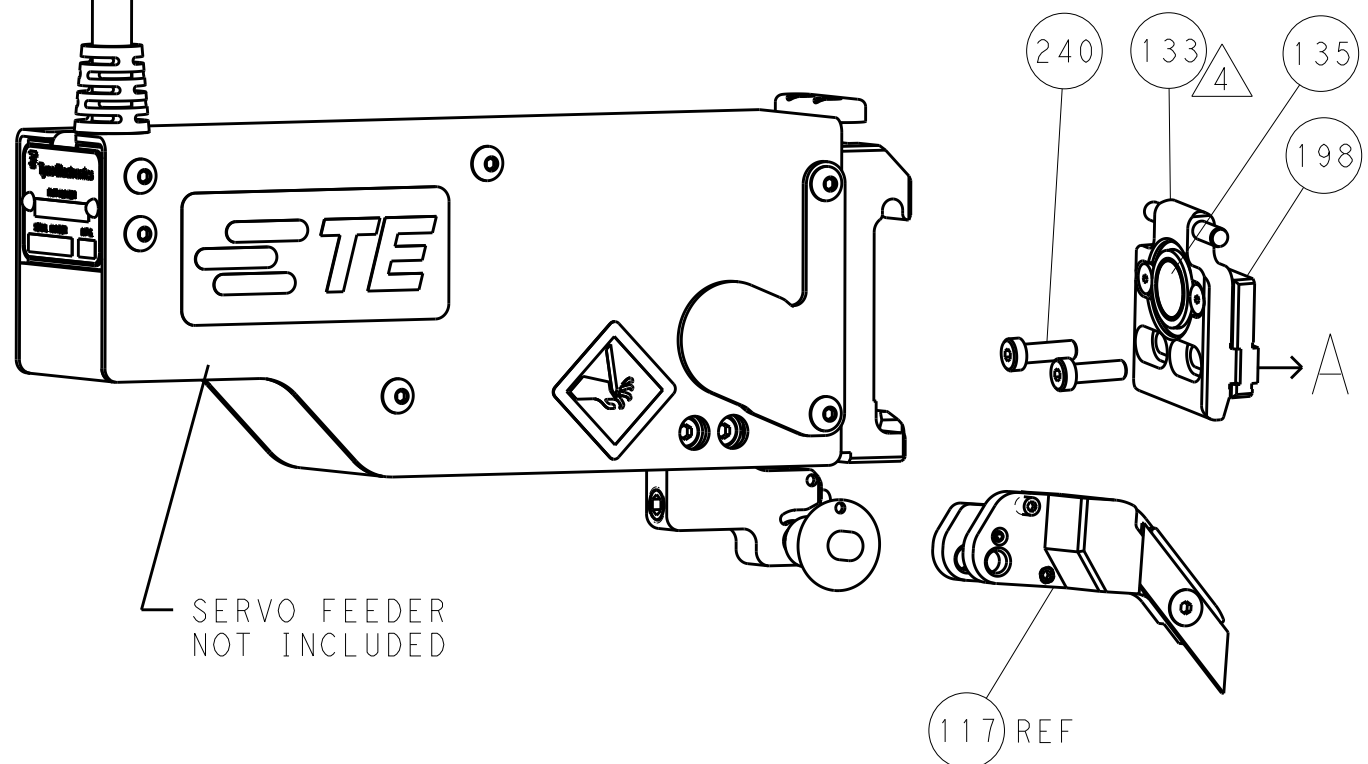
FEED TYPE MECHANICAL



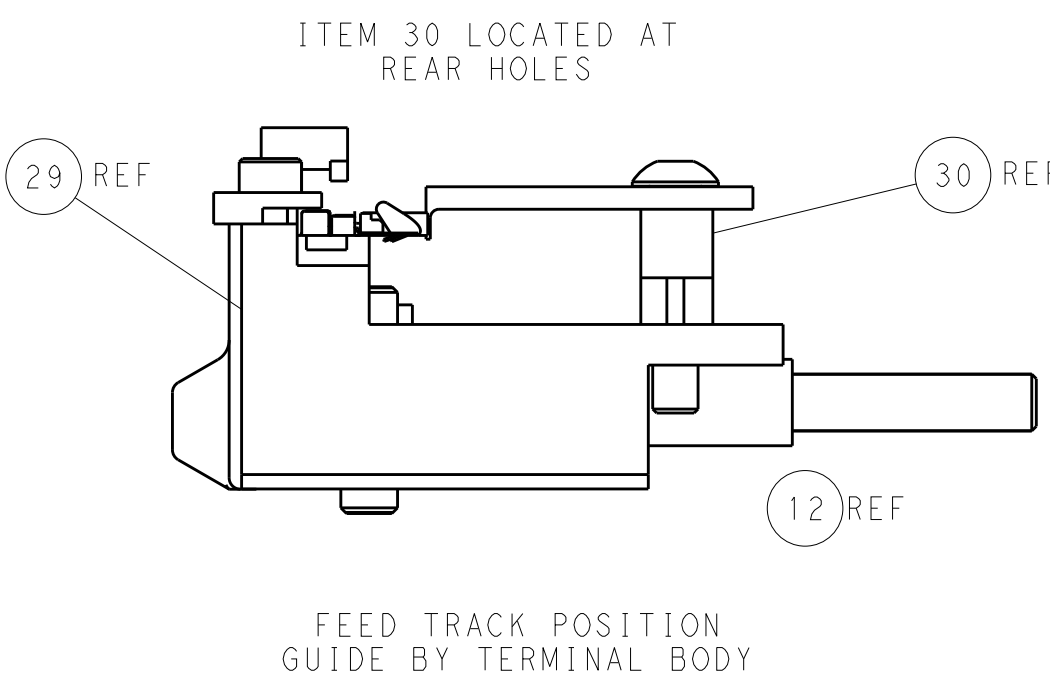
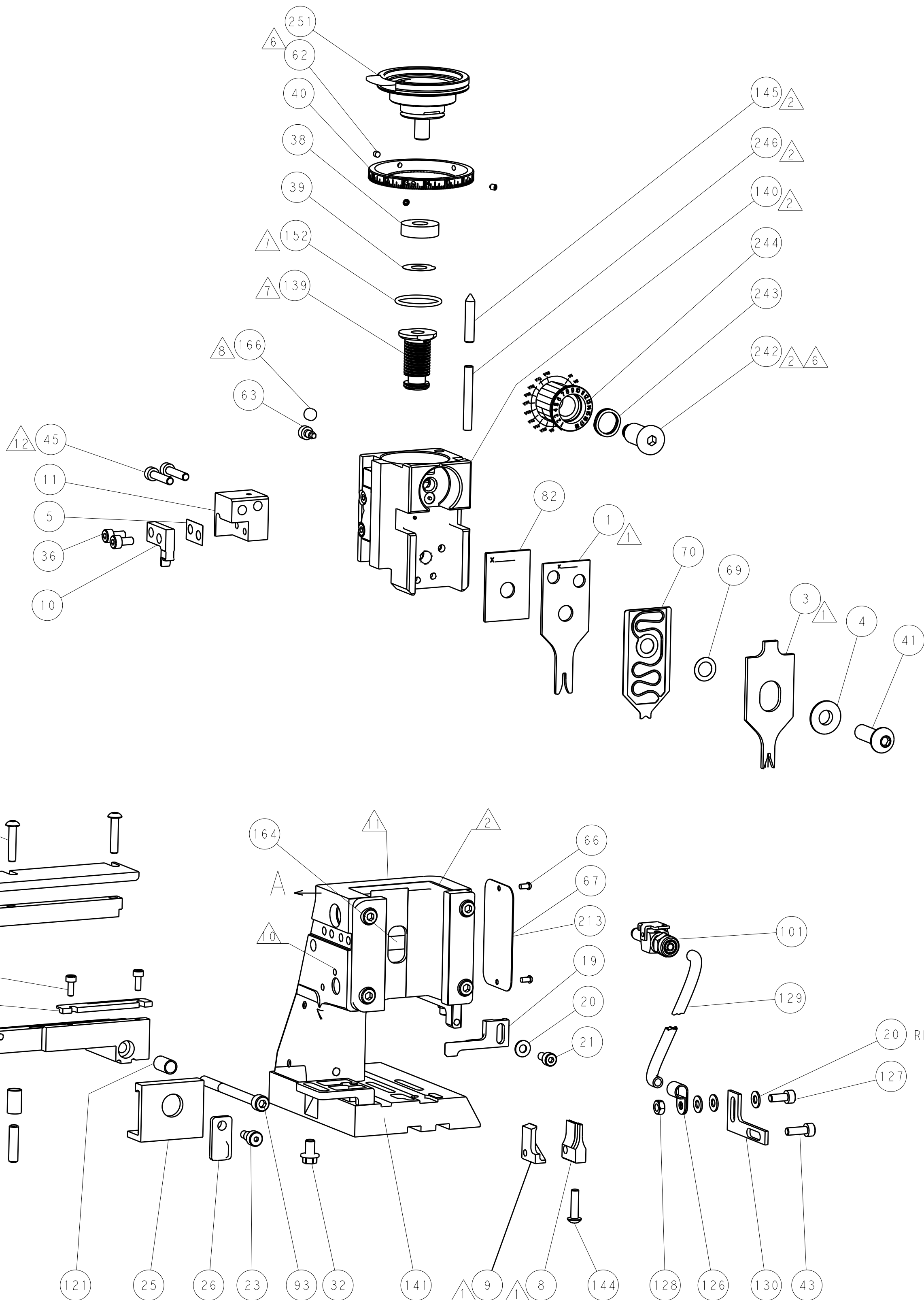
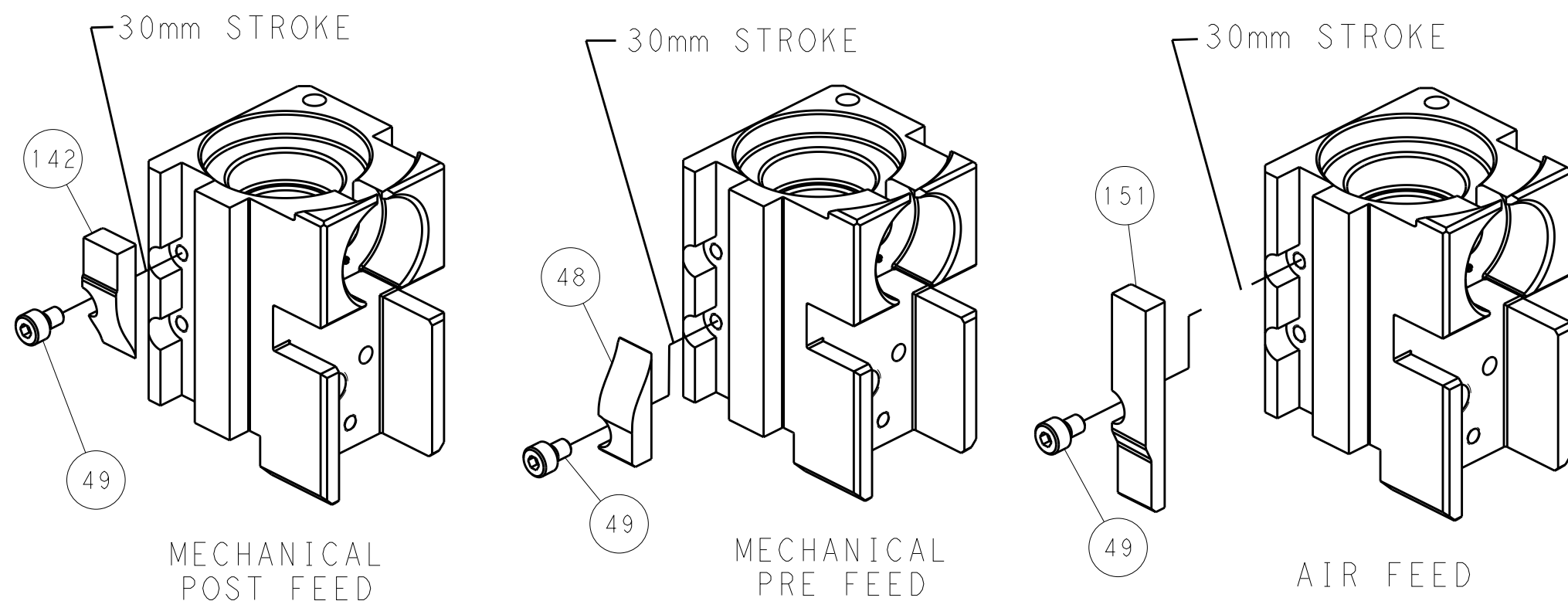
PNEUMATIC



SERVO LATCH PLATE



CAM POSITIONS



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				TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH				NAME: Ocean Side Feed Applicator			
MATERIAL: -				WEIGHT: -				SIZE: A1 00779 C=2266610			
Customer Accessible Production Drawing				SCALE: 1:2				SHEET 4 OF 4 REV A1			