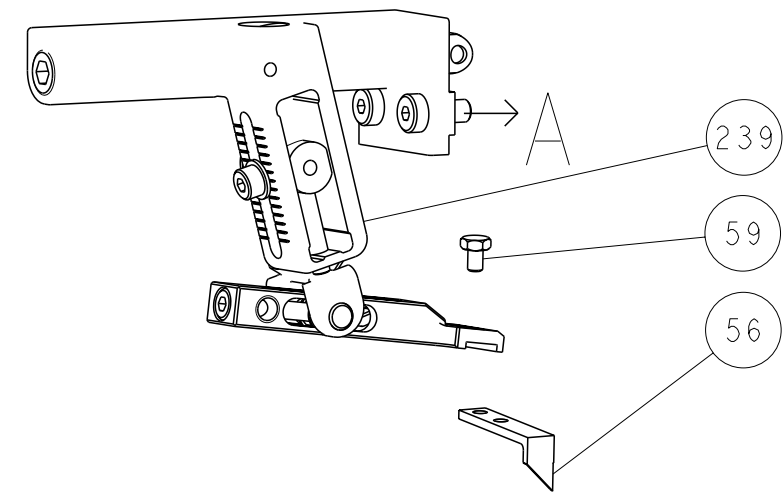
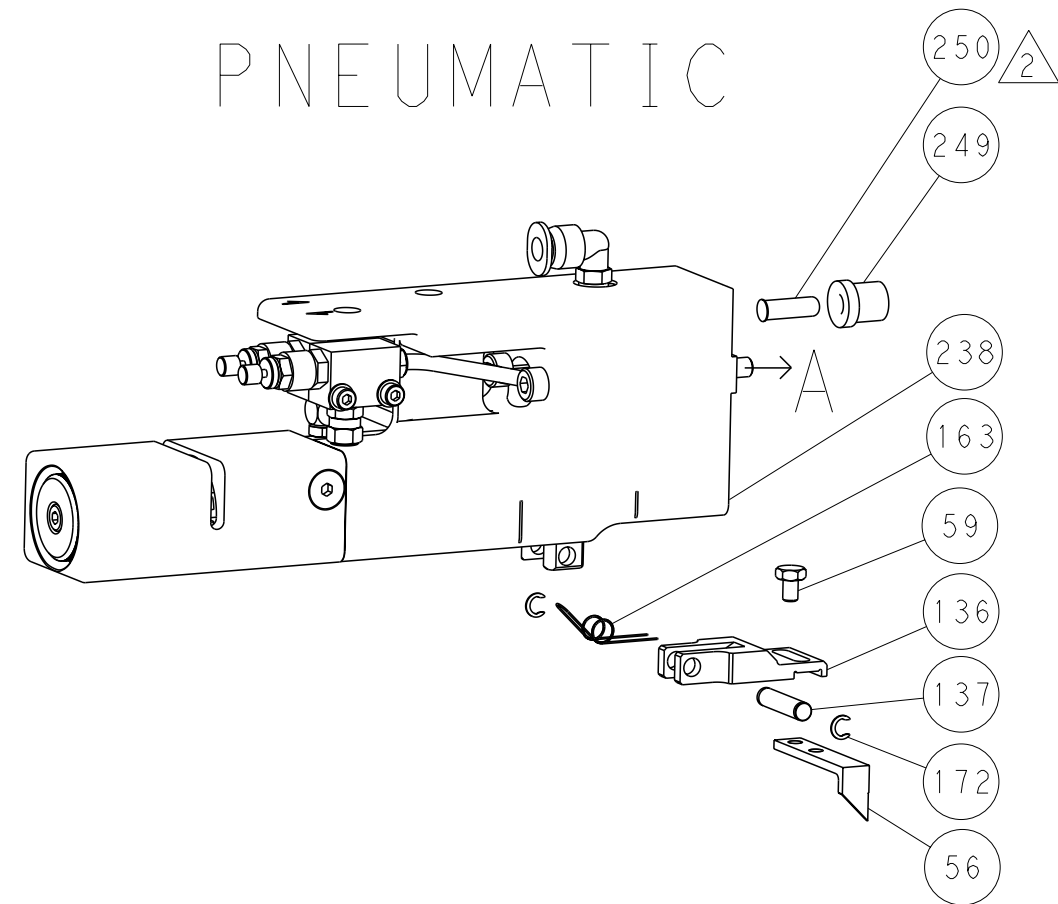


LOC		DIST		REVISONS			
A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

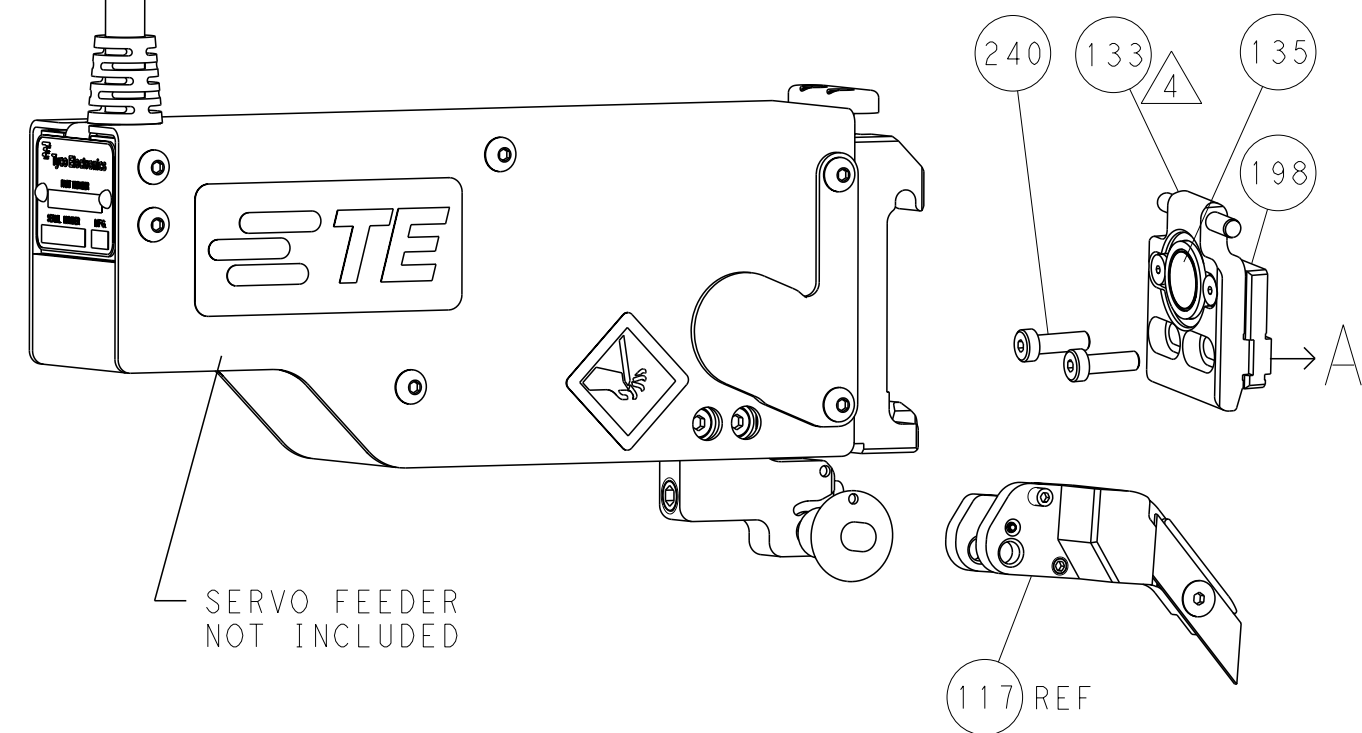
FEED TYPE MECHANICAL



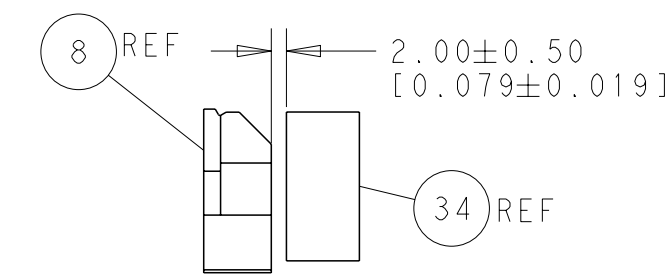
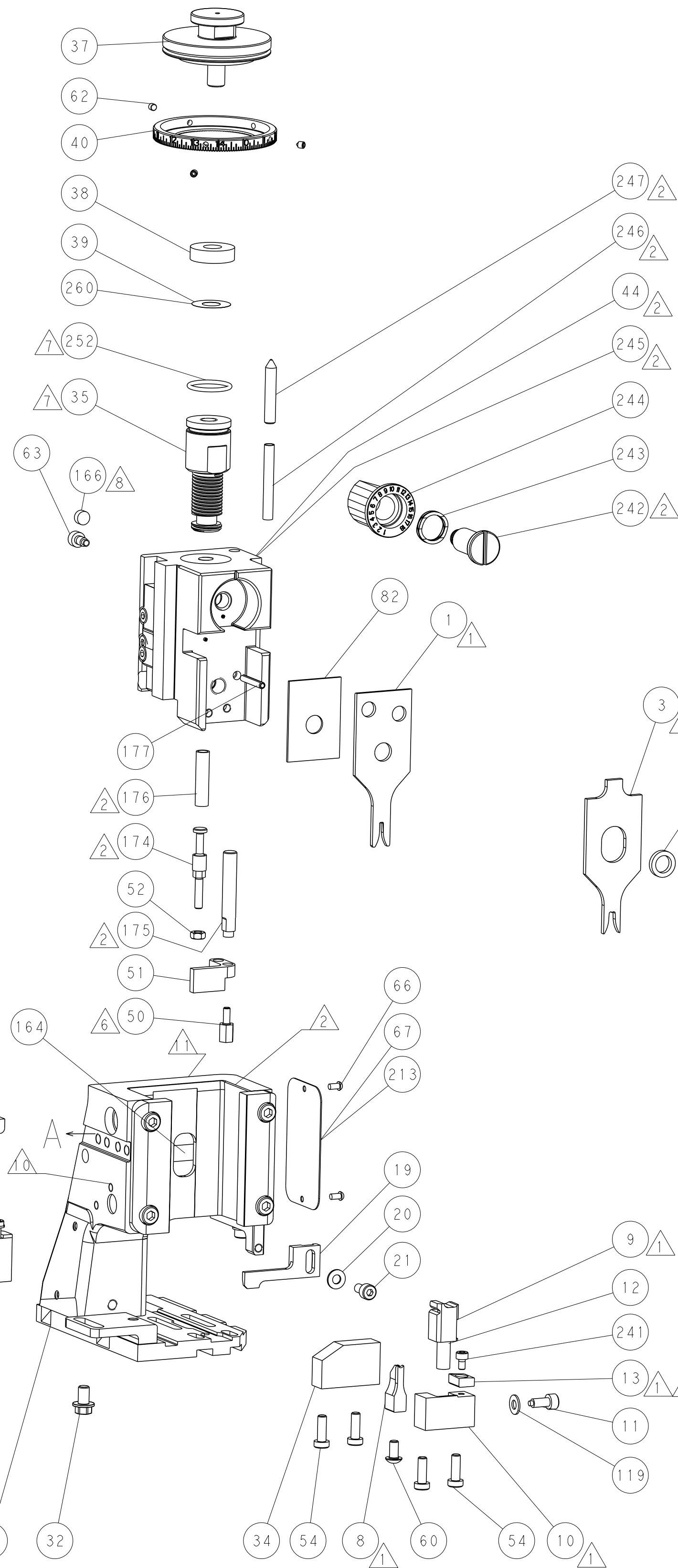
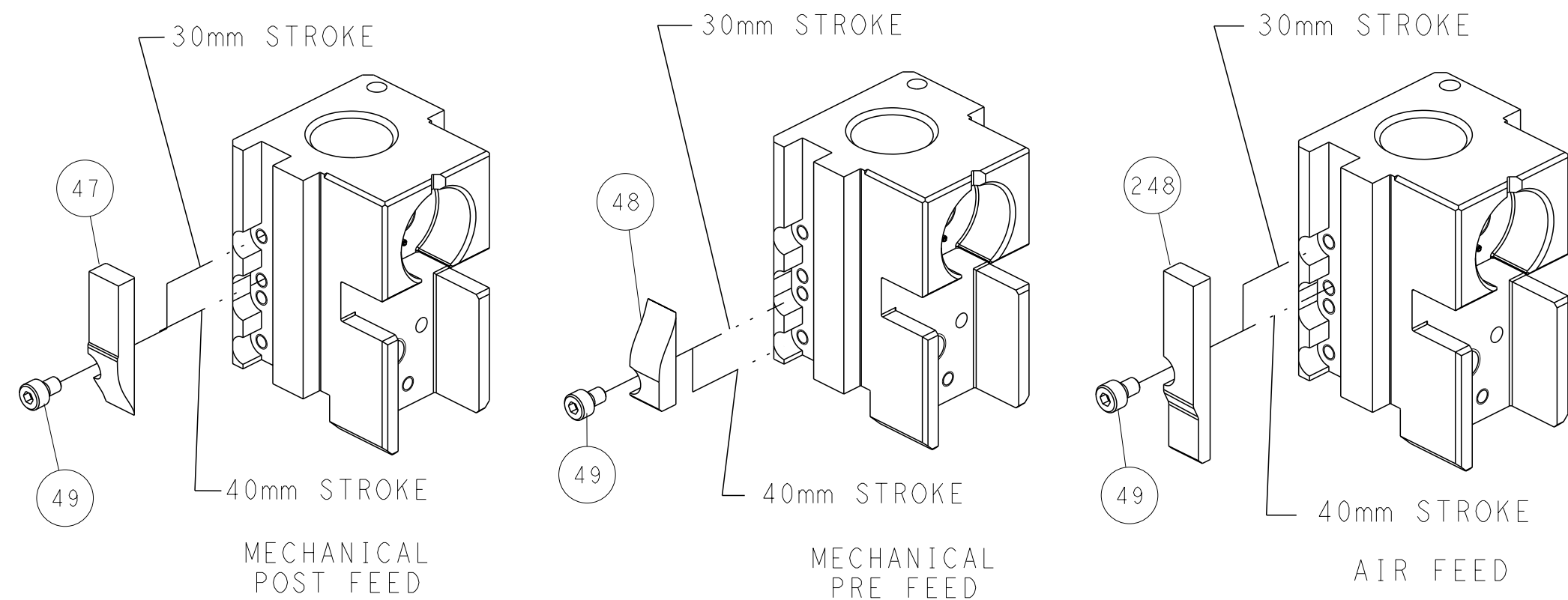
PNEUMATIC



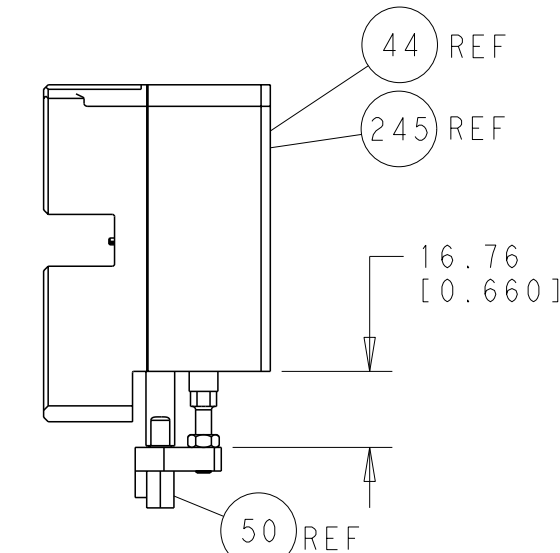
SERVO LATCH PLATE



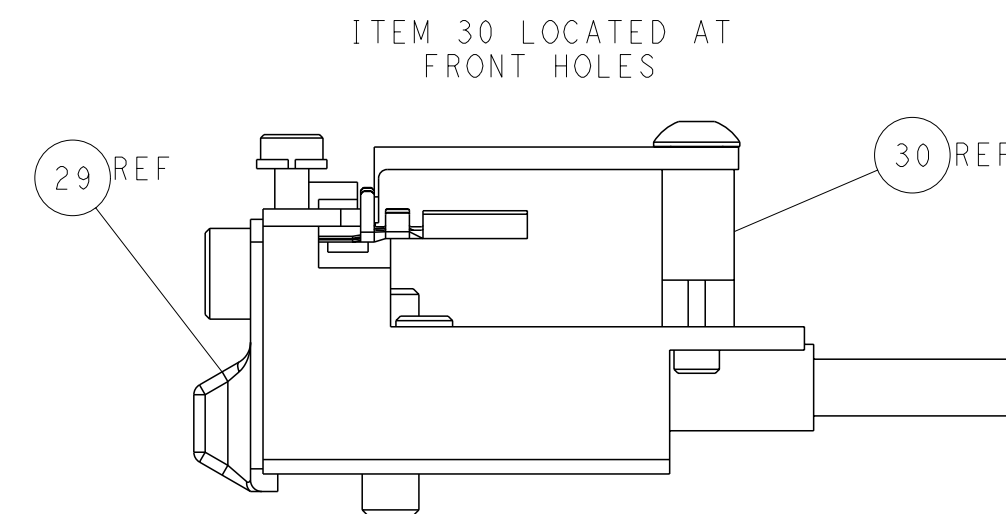
CAM POSITIONS



TERMINAL SUPPORT LOCATION



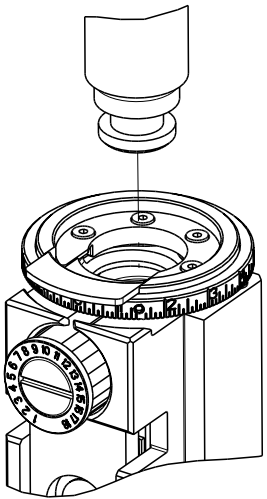
HOLDDOWN SET-UP



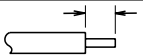
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

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CHK G. BAILEY 11OCT2011				APVD T. ELBIN 11OCT2011	NAME Ocean Side Feed Applicator					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.5 FINISH		PRODUCT SPEC						
				APPLICATION SPEC						
MATERIAL -		WEIGHT -		SIZE CAGE CODE DRAWING NO					RESTRICTED TO	
				A 00779 C=2151015						
CUSTOMER ACCESSIBLE PRODUCTION DRAWING				SCALE 1:2					SHEET 2 OF 4	REV A

8		7	
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PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION
	2-2151015-1	A	FINE CRIMP HEIGHT ADJUST
	2-2151015-2	A	FINE CRIMP HEIGHT ADJUST
	2-2151015-5	A	FINE CRIMP HEIGHT ADJUST
	2-2151015-7	A	FINE CRIMP HEIGHT ADJUST
	7-2151015-7	A	CRIMP TOOLING KIT

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.58 mm [.062]	F
INSUL	3.17 mm [.125]	F
APPLICATOR INSTRUCTIONS 408-10389		

TERMINAL DATA: MOLEX TERMINAL		MOLEX CRIMP SPEC	
TERMINAL NAME: 4.2mm PITCH MINI-FIT TERMINAL			
WIRE STRIP LENGTH 3.00-3.51 mm [.118-.138 IN]			INSULATION DIAMETER RANGE Ø2.50-2.95 mm [.098-.116 IN]
TERMINAL APPLICATION SPECIFICATION		MOLEX 63900-2600 REV J	
		-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
286603-1	39-00-0038	286611-1	39-00-0040
286603-2	39-00-0055	286611-2	39-00-0061
286603-3	39-00-0207	286611-3	39-00-0053
286603-4	39-00-0163	286611-4	39-00-0120
286603-5	39-00-0059	286611-5	39-00-0126
286603-6	39-000153	286611-6	39-00-0219
286603-7	39-000181	286611-7	44478-1111
286603-8	39-00-0213	286611-8	39-00-0411
286603-9	44476-1111	286611-9	39-00-0430
1-286603-0	44485-1211	1-286611-0	39-00-0174
1-286603-1	39-00-0114	1-286611-1	39-00-0121
1-286603-2	39-00-0428	1-286611-2	39-00-0420

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
0.80mm2		1.02+/-0.05 [.040+/- .002]		5.9
18 AWG		1.02+/-0.05 [.040+/- .002]		5.9
0.50mm2		0.995+/-0.045 [.039+/- .0018]		6.2
20 AWG		0.995+/-0.045 [.039+/- .0018]		6.2
0.35mm2		0.895+/-0.045 [.035+/- .0018]		7.1
22 AWG		0.895+/-0.045 [.035+/- .0018]		7.1
0.20mm2		0.83+/-0.04 [.033+/- .0016]		7.7
24 AWG		0.83+/-0.04 [.033+/- .0016]		7.7



- 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: 8-2151015-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151015-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151015-5
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.
- 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.

*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	LYR	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	2119082-9	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	18023-1	SCR, SKT HD CAP M3 X 5.0	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
-	-	-	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
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	-	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	455888-9	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	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
-	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
-	1	1	1	1	1-1752354-7	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	1-1752356-9	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	1320908-6	SPACER, STRIP GUIDE	30
-	1	1	1	1	2119959-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1-455888-0	SPACER, CRIMPER	28
-	1	1	1	1	1320928-2	PLATE, 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	2119806-1	INSERT, SHEAR	13
	-	1	1	1	3-22280-3	SPRING, COMPRESSION	12
	-	1	1	1	1-356885-4	STOP, SHEAR	11
¹	-	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
¹	-	1	1	1	462006-6	FLOATING SHEAR, FRONT	9
¹	1	1	1	1	3-1633129-3	ANVIL, COMBINATION .062	8
	-	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
	-	1	1	1	1-238011-7	BLOCK, CRIMPER SPACER	4
¹	1	1	1	1	1-2119582-8	CRIMPER, INSULATION F PREMIUM	3
¹	1	1	1	1	4-456403-2	CRIMPER, WIRE PREMIUM	1

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DIMENSIONS: mm		CHK G. BAILEY 11OCT2011	NAME Ocean Side Feed Applicator	
		APVD T. ELBIN 11OCT2011	PRODUCT SPEC	
			APPLICATION SPEC	
MATERIAL -			WEIGHT -	
			SIZE A1	
			CAGE CODE 00779	
			DRAWING NO C-2151015	
			RESTRICTED TO -	
			CUSTOMER ACCESSIBLE PRODUCTION DRAWING	
			SCALE 1:2	
			SHEET 3	
			OF 4	
			REV A	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Diagram of the front of the microscope. Callouts point to the following parts:

- A: Eyepiece
- B: Objective lenses
- C: Stage
- D: Base
- E: Coarse focus knob
- F: Fine focus knob

PNEUMATIC

250

249

238

163

59

136

137

172

56

A

C

SERVO FEEDER
NOT INCLUDED

240 133 135 198 117 REF

A

30mm STROKE

142

49

MECHANICAL POST FEED

30mm STROKE

48

49

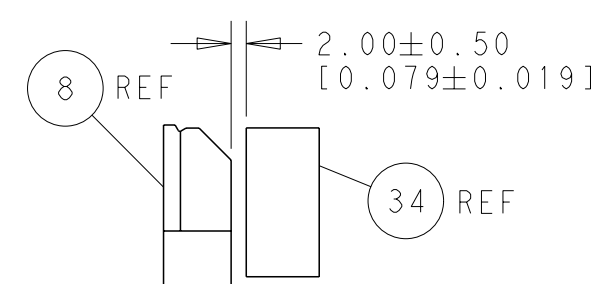
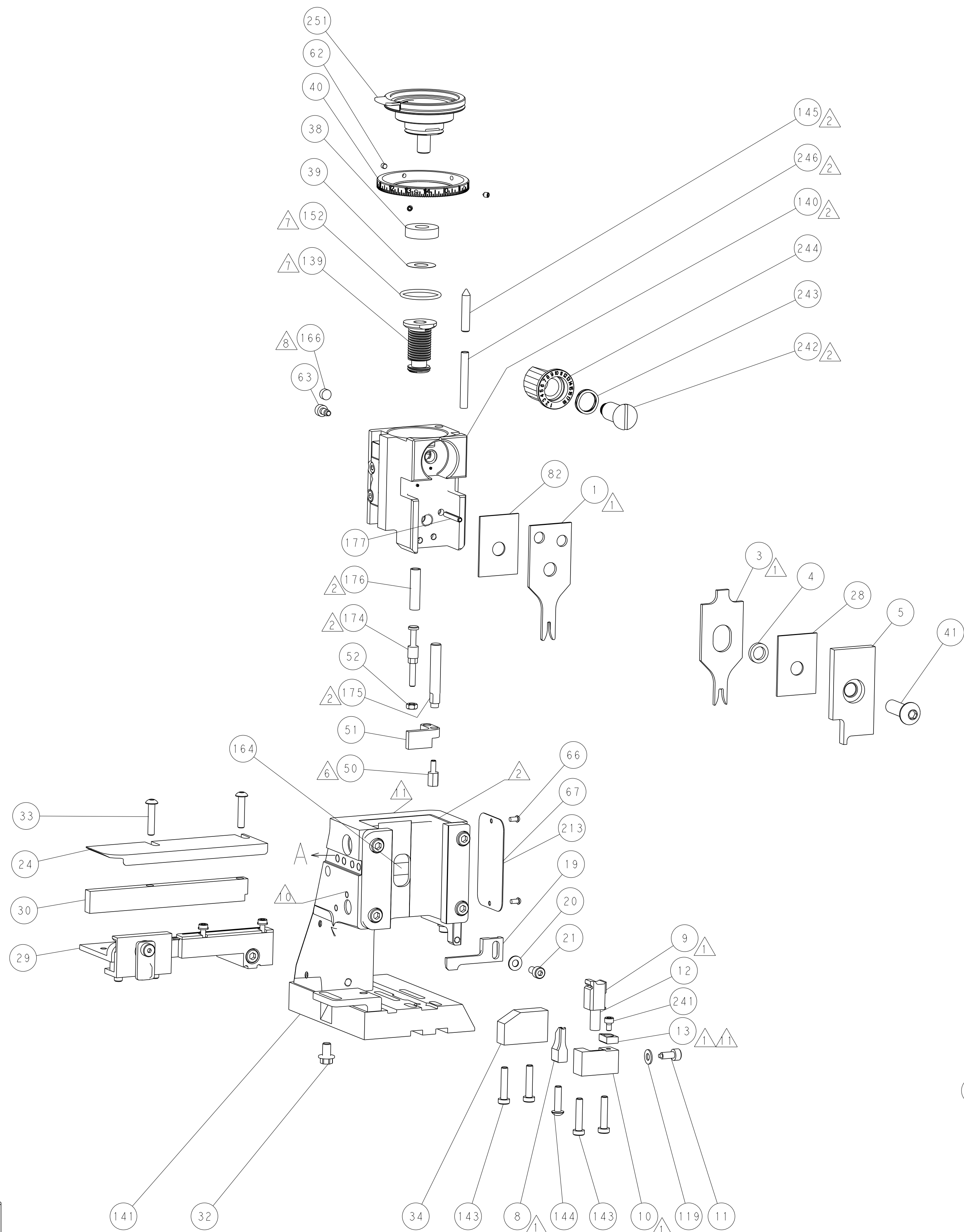
MECHANICAL PRE FEED

30mm STROKE

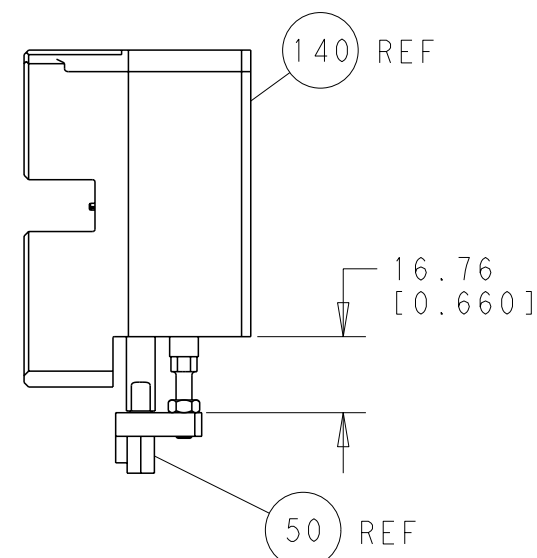
151

49

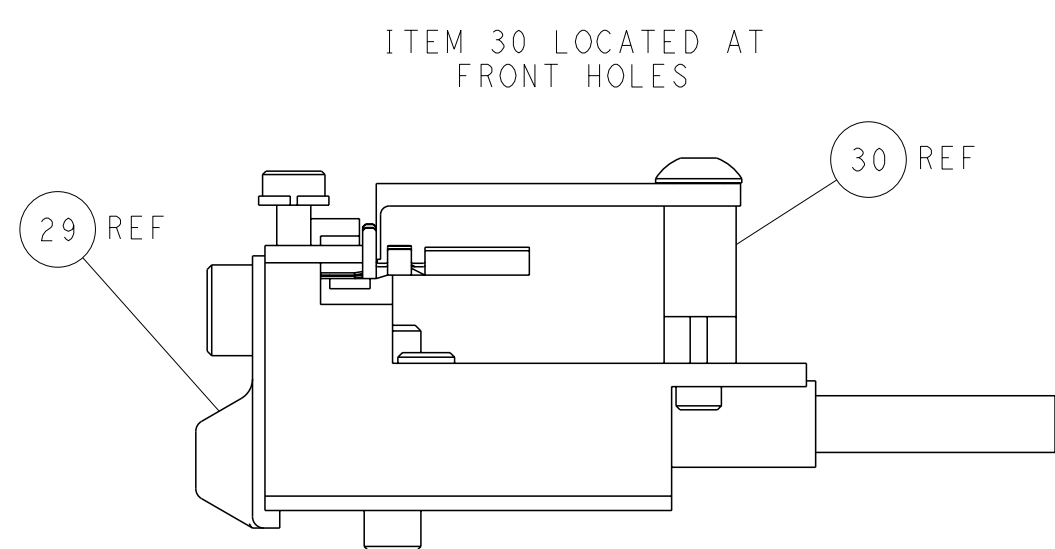
AIR FEED



TERMINAL SUPPORT LOCATION

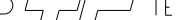


HOLDDOWN SET-UP



FEED TRACK POSITION GUIDE BY INSULATION BARREL

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 ±.0 1 PLC ±.01 2 PLC ±.013 3 PLC ±.013 4 PLC ±.0001 ANGLES ±.		NAME Ocean Side Feed Applicator	
		APVD T. ELBIN 110CT2011		SIZE CAGE CODE DRAWING NO A 00779 C 2151015	
MATERIAL FINISH		PRODUCT SPEC APPLICATION SPEC		RESTRICTED TO	
WEIGHT -		CUSTOMER ACCESSIBLE PRODUCTION DRAWING		SCALE 1:2 SHEET 4 OF 4 REV A	

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