

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED

2151026-1

E

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151026-2

E

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

SERVO LATCH PLATE

2119951-1

-

8-2151026-5

1901094-3

-

2168400-6 (QUANTITY 2)

2151026-5

E

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2119949-1

1338685-1

5-18022-5

2119653-1

-

-

2151026-6

E

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151026-7

E

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

7-2151026-7

B

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

1.07 mm [.042]

F

INSUL

1.57 mm [.062]

O

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: PIN AND SOCKET CONTACT SIZE 20 DF

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

TERMINAL APPLICATION SPECIFICATION

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

WIRE SIZE

CRIMP HEIGHT

CRIMP HEIGHT

22 AWG

0.92+/-0.055 [.036+/- .002]

7.0

24 AWG

0.81+/-0.05 [.032+/- .002]

8.1

26 AWG

0.76+/-0.05 [.030+/- .002]

8.5

RECOMMENDED SPARE PARTS

GREASE BEARING SURFACES LIGHTLY

LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.

APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151026-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151026-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151026-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151026-6

ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 242.
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 37.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 35 & 252.

MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

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 THE BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

WHEN ASSEMBLING -6 NON-CRIMP HEIGHT ADJUST APPLICATOR USE SHIM PACK 2119957-2 TO ALIGN APPLICATOR'S MAXIMUM WIRE CRIMP HEIGHT AT NORMAL TERMINATOR SHUT HEIGHT

TERMINAL LUBRICANT IS RECOMMENDED.

2119957-2

APPLICATOR SHIM PACK

260

8-21084-0

O-RING, .676 ID, .070 DIA. MAT.

252

2119640-1

PUSH ROD, AIR FEED

250

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

ATLANTIC VERSION

Shown on sheets 1 of 4 & 2 of 4

(Pacific version shown on sheets 3 of 4 & 4 of 4)

SET UP GAUGE

2119599-1

LOC

A

DIST

66

REVISIONS

DESCRIPTION

DATE

OWN

APVD

-

-

-

-

1

-

2079988-1

BUSHING, LCH5-12, MISUMI

249

-

-

-

-

1

-

2119641-1

FEED CAM, AIR FEED

248

-

1

-

1

1

1

2119798-1

DETENT PIN

247

-

1

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

-

1

-

-

-

2119758-1

RAM, AMP STYLE, SIDE FEED, NON-ADJ.

245

-

1

1

1

1

1

2119082-6

CAM, SNAIL, INSULATION ADJUSTMENT

244

-

1

1

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

-

1

1

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

-

1

1

1

1

1

7-18023-7

SCR, SKT HD CAP M3 X 4.0

241

-

-

2

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

1

-

-

2119740-2

TAG,IDENTIFICATION

213

-

-

1

1

-

-

1901094-3

SPACER, FEEDER

198

-

-

-

-

2

-

21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

-

1

1

1

1

1

994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

-

REF

REF

REF

REF

REF

994970-2

COUNTER, MAGNETIC

164

-

-

-

-

1

-

240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

-

3-23627-7

PIN, RETAIN, GRVD, 3/16 X .854

137

-

-

-

-

1

-

2119799-1

HOLDER,FEED FINGER, AF

136

-

-

REF

REF

-

-

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

-

-

1

1

-

-

1633743-1

SERVO FEED LATCH ASM

133

-

1

1

1

1

1

1-18028-2

WASHER, FLAT, REG M4

119

-

-

REF

REF

-

-

2119944-1

FEED FINGER ASSEMBLY,SF

117

-

1

1

1

1

1

2119955-1

ASSY, LUBRICATOR, SIDE FEED

113

-

1

1

1

1

1

1-455888-0

SPACER, CRIMPER

82

-

1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

1

1

1

1

1

2119791-5

DEPRESSOR, WIRE

70

-

1

-

-

1

1

2119740-1

TAG,IDENTIFICATION

67

-

2

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

1

1

1

2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

-

-

-

-

1

1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

-

-

-

1

1

1338685-1

PAWL, FEED

56

-

4

4

4

4

4

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

-

2

2

2

2

2

2168083-3

SCR, SKT HD CAP, RoHS, M4 X 12.0

53

-

1

1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

-

1

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

-

1

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

2119653-1

FEED CAM, POST FEED

47

-

1

1

1

1

1

2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

-

1

-

1

1

1

2119370-1

RAM, AMP STYLE, SIDE FEED

44

-

1

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

2119644-1

RAM WASHER, PRECISION

38

-

1

1

1

1

1

2119085-1

FA HEAD, ATLANTIC STYLE

37

-

1

-

1

1

1

2119092-1

BOLT, ADJUSTMENT

35

-

1

1

1

1

1

2-1752356-0

SUPPORT, TERMINAL

34

-

2

2

2

2

2

2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

-

1

1

1

1

1

2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

-

1

1

1

1

1

1320908-2

SPACER, STRIP GUIDE

30

-

1

1

1

1

1

2119959-1

ASSEMBLY, STRIP GUIDE

29

-

1

1

1

1

1

1320928-2

STRIP GUIDE

24

-

1

1

1

1

1

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

-

1

1

1

1

1

1-18028-2

WASHER, FLAT, REG M4

20

-

1

1

1

1

1

2119533-1

STRIPPER, SIDE FEED

19

-

1

1

1

1

1

2119806-1

INSERT, SHEAR

13

-

1

1

1

1

1

3-22280-3

SPRING, COMPRESSION

12

-

1

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

1803095-3

FLOATING SHEAR, FRONT

9

1

1

1

1

1

1

3-1333200-8

ANVIL, COMBINATION

8

-

-

-

-

-

-

-

-

7

-

-

-

-

-

-

-

-

6

-

1

1

1

1

1

2119757-4

DEPRESSOR, SHEAR

5

-

1

1

1

1

1

2-238011-0

BLOCK, CRIMPER SPACER

4

1

1

1

1

1

1

2119784-1

CRIMPER, INSULATION O PREMIUM

3

-

1

1

1

1

1

1

455888-4

SPACER, CRIMPER

2

1

1

1

1

1

1

456401-5

CRIMPER, WIRE .042 F PREMIUM

1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE CURRENT REVISIONS OF THIS DRAWING. ANY CHANGES TO THIS DRAWING SHALL BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

MATERIAL

DWN

X,ZHAO

11NOV2011

CHK

T,ELBIN

11NOV2011

APVD

S,XI

11NOV2011

NAME

Ocean Side Feed

Applicator

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

00779

©=2151026

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

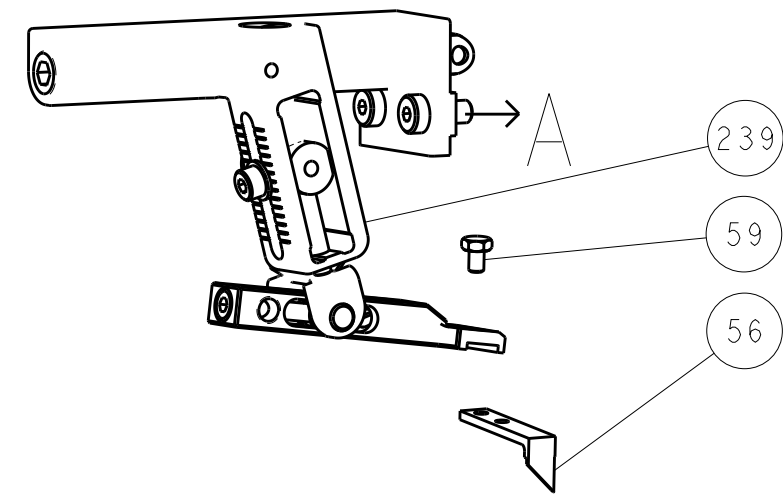
REV

E

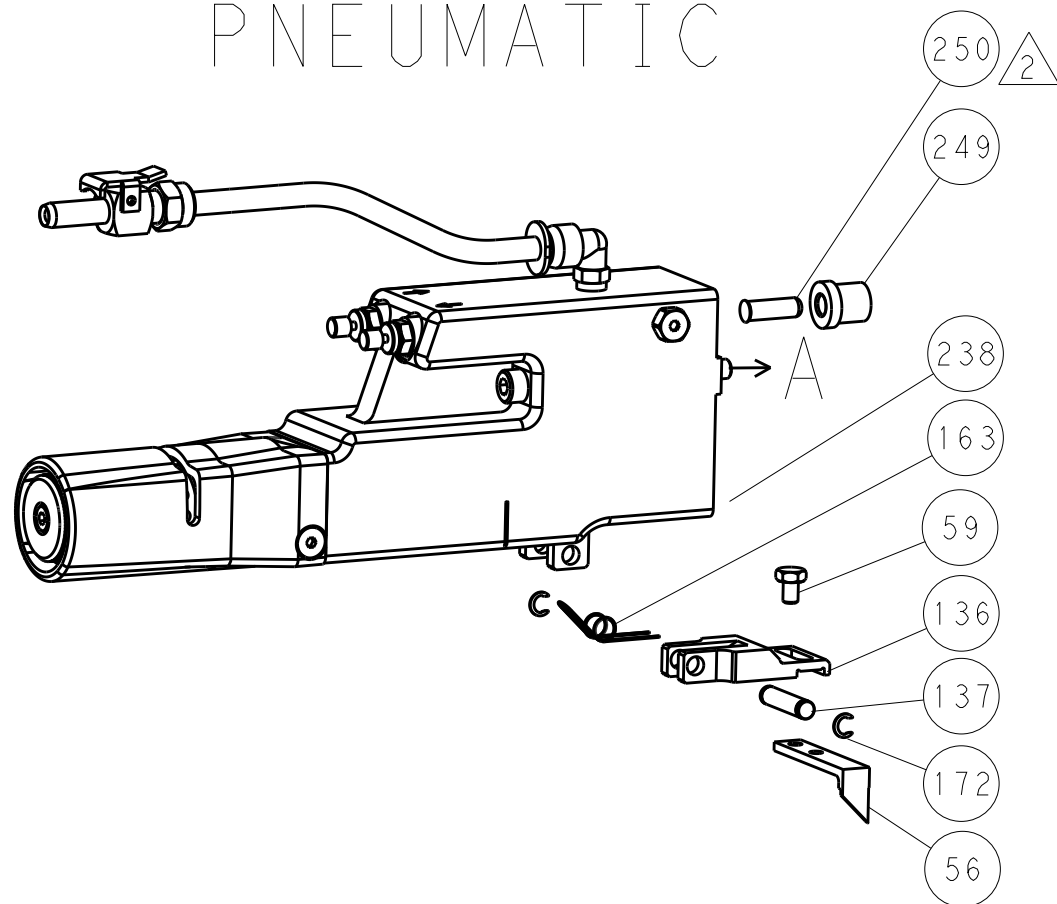
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

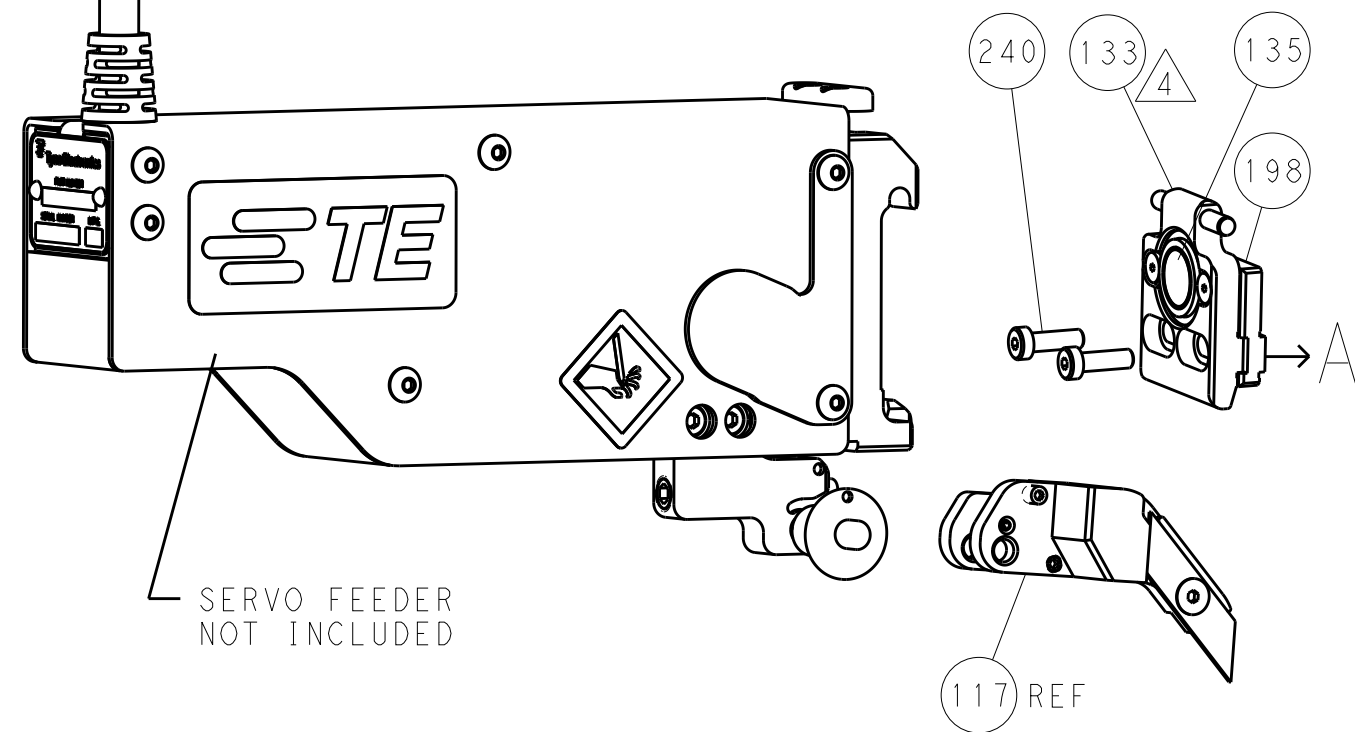
FEED TYPE
MECHANICAL



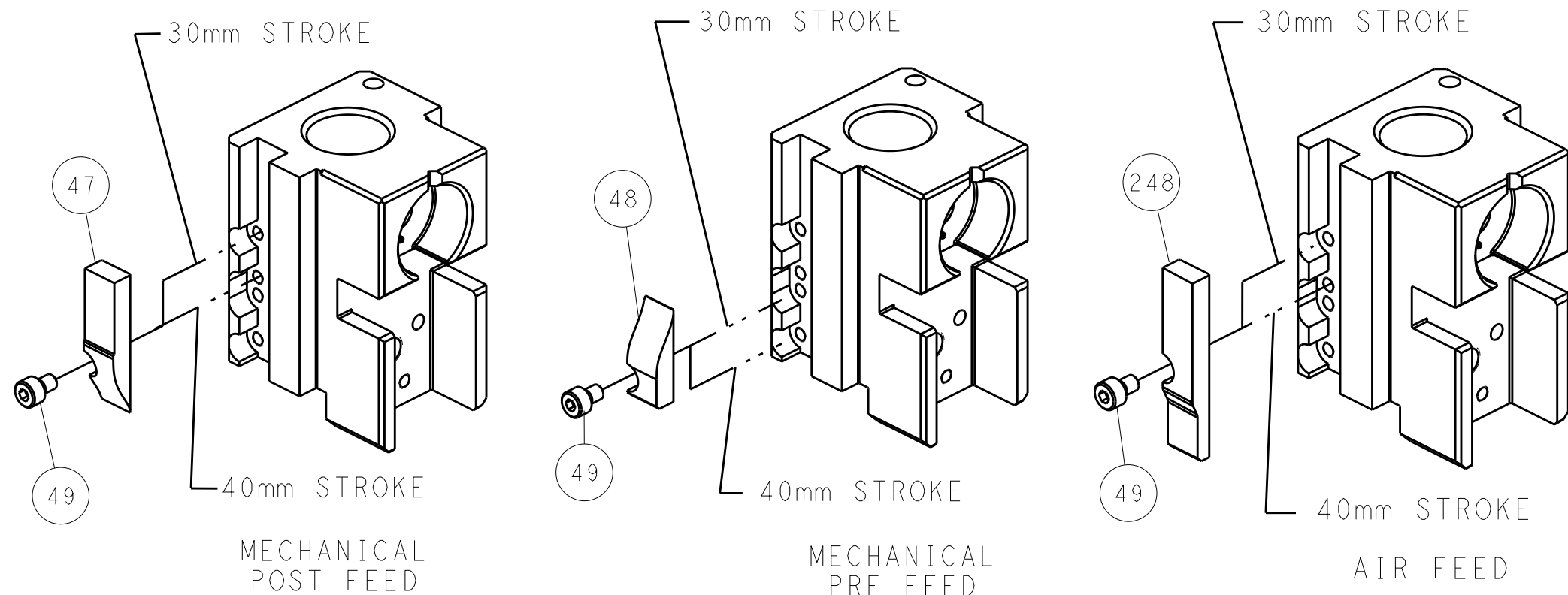
PNEUMATIC



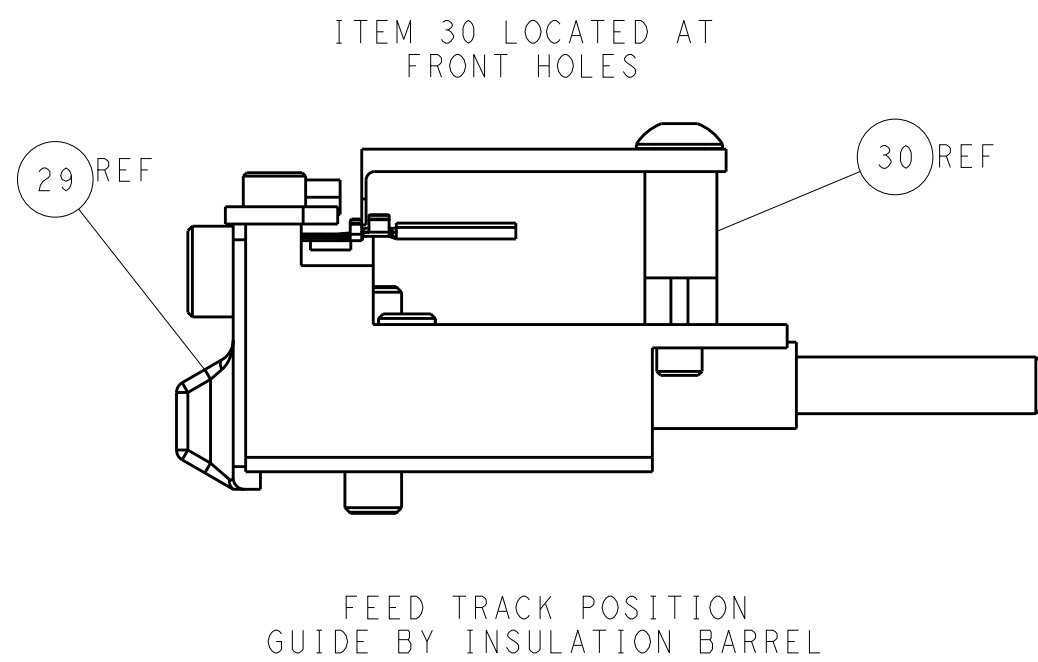
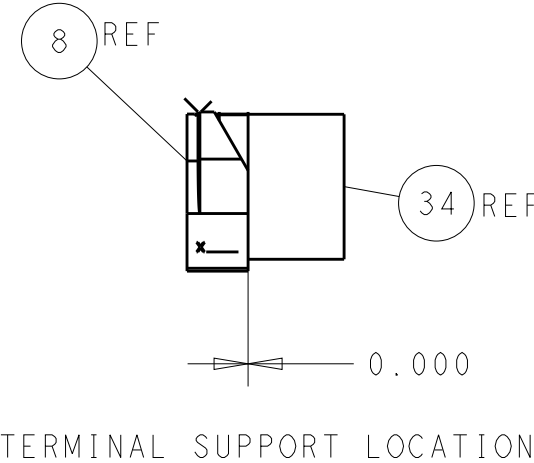
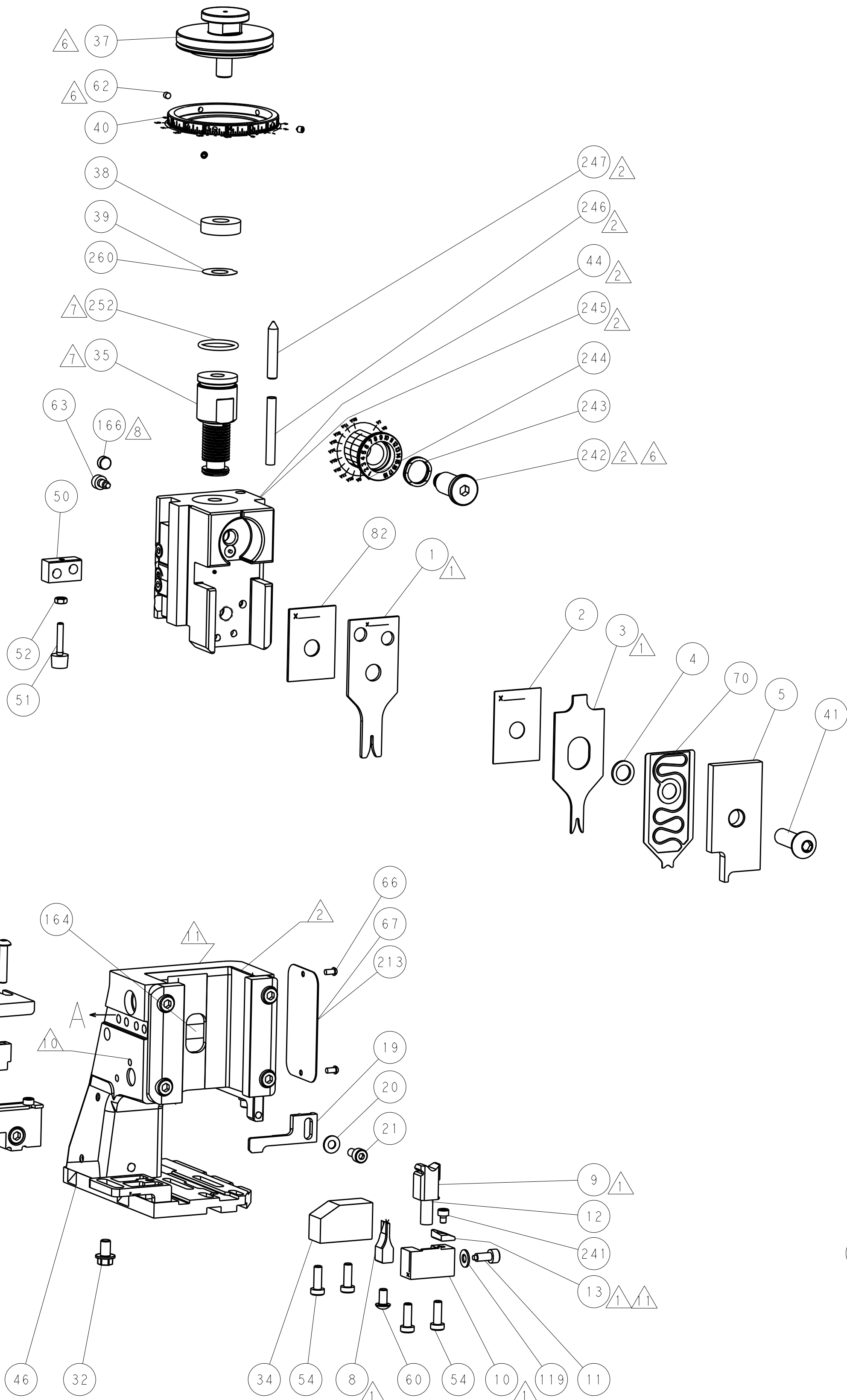
SERVO
LATCH PLATE



CAM POSITIONS



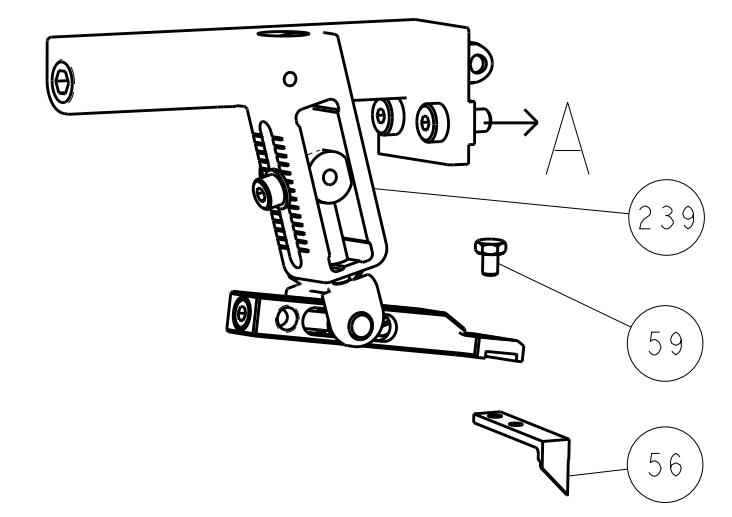
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)



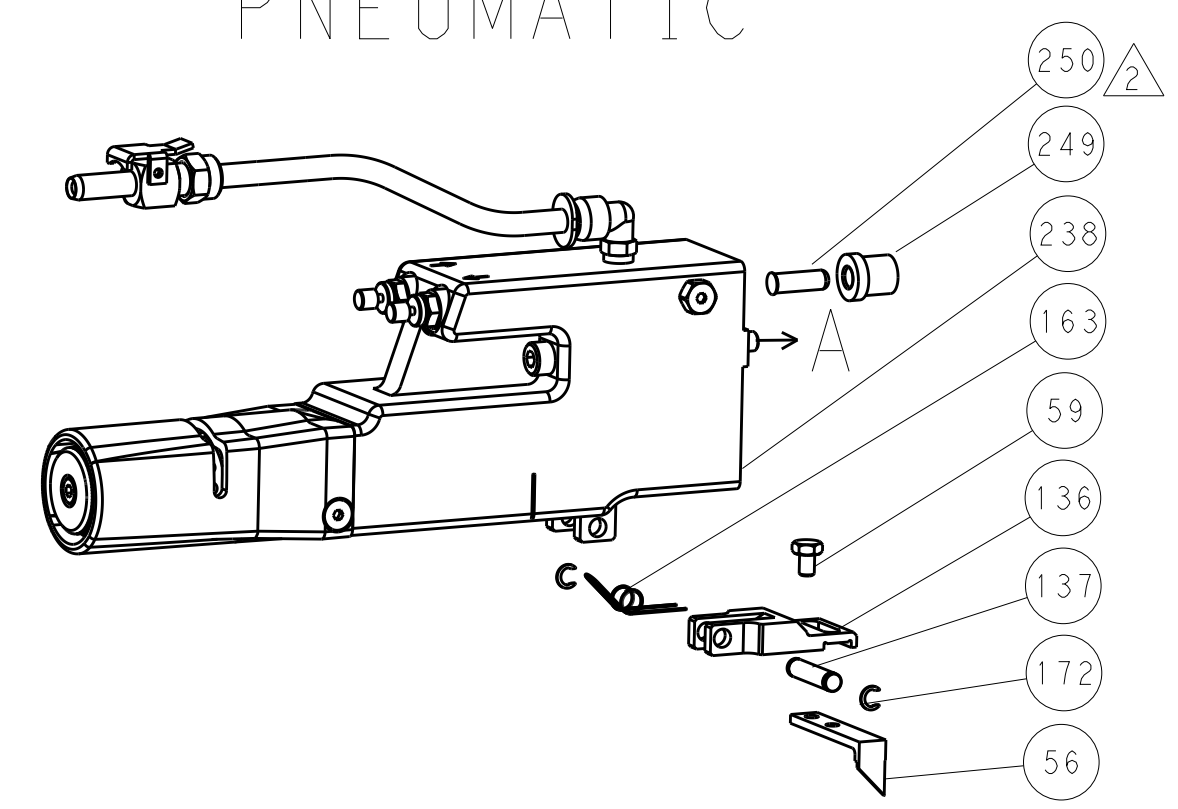
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN X.ZHAO 11NOV2011		TE Connectivity	
mm		0 PLC ±		CHK T.ELBIN 11NOV2011		Harrisburg, PA 17105-3608	
		1 PLC ±		APVD S.XI 11NOV2011		NAME	
		2 PLC ±		PRODUCT SPEC		Ocean Side Feed	
		3 PLC ±		APPLICATION SPEC		Applicator	
		4 PLC ±		WEIGHT		SIZE	
		FINISH		Customer Accessible Production Drawing		CAGE CODE	
				SCALE 1:2		DRAWING NO	
				SHEET 2 OF 4		REV E	

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

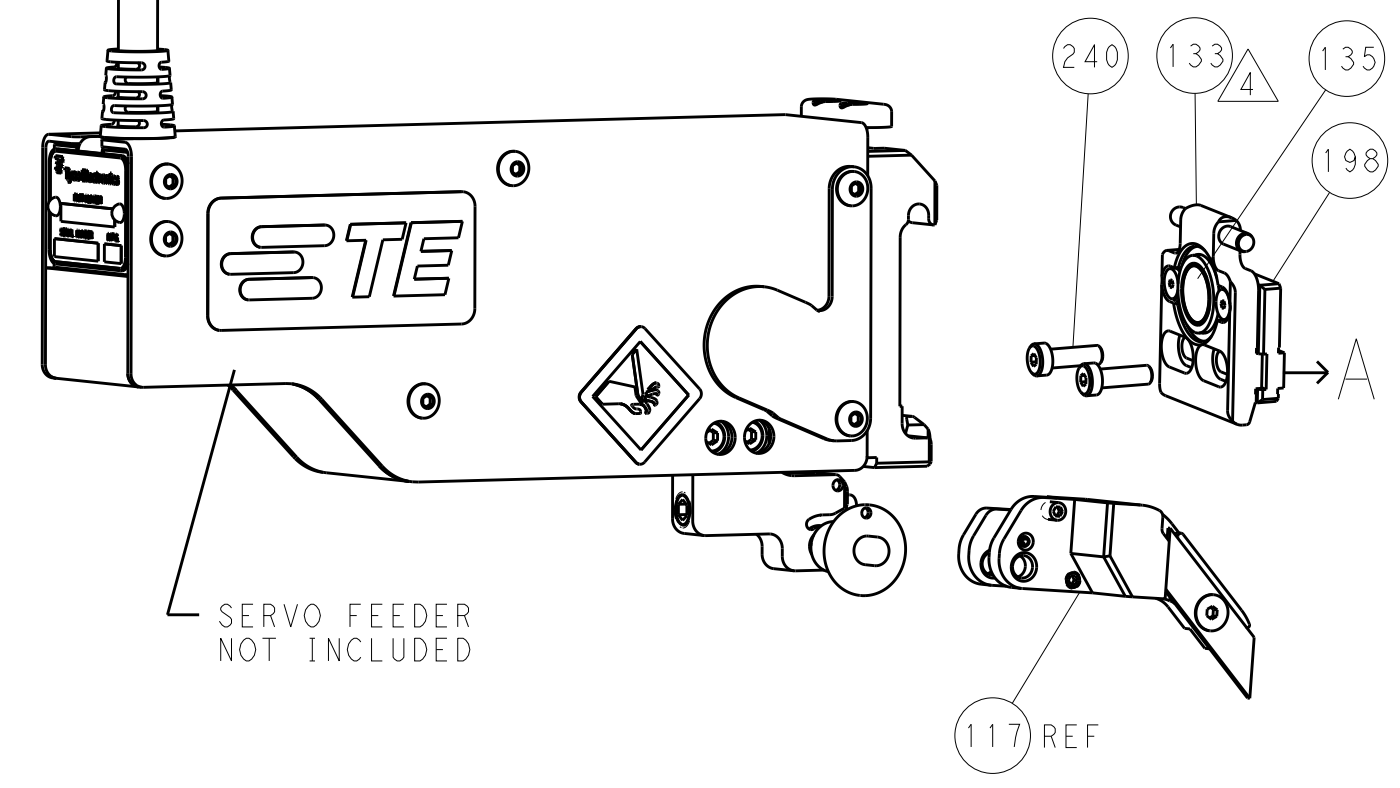
FEED TYPE MECHANICAL



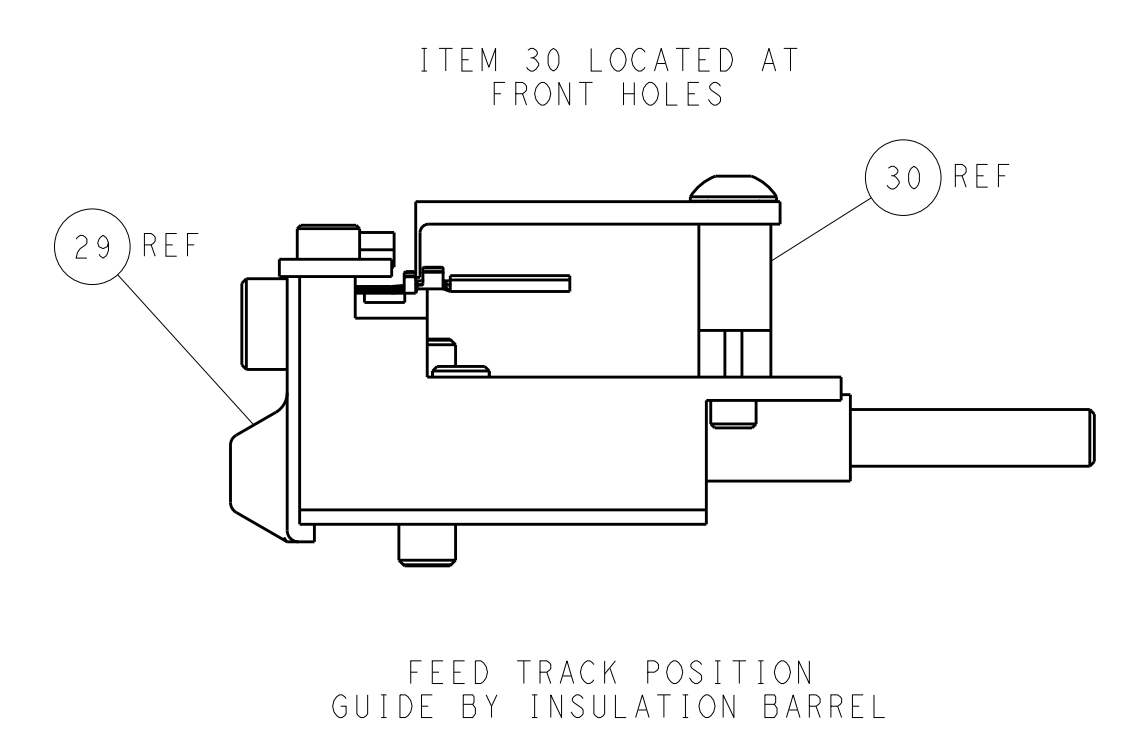
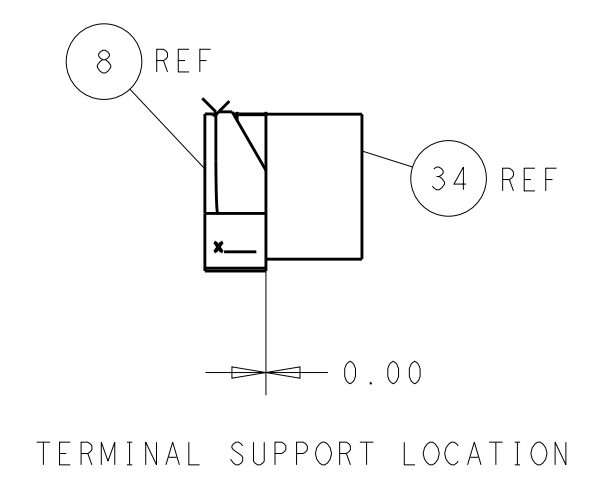
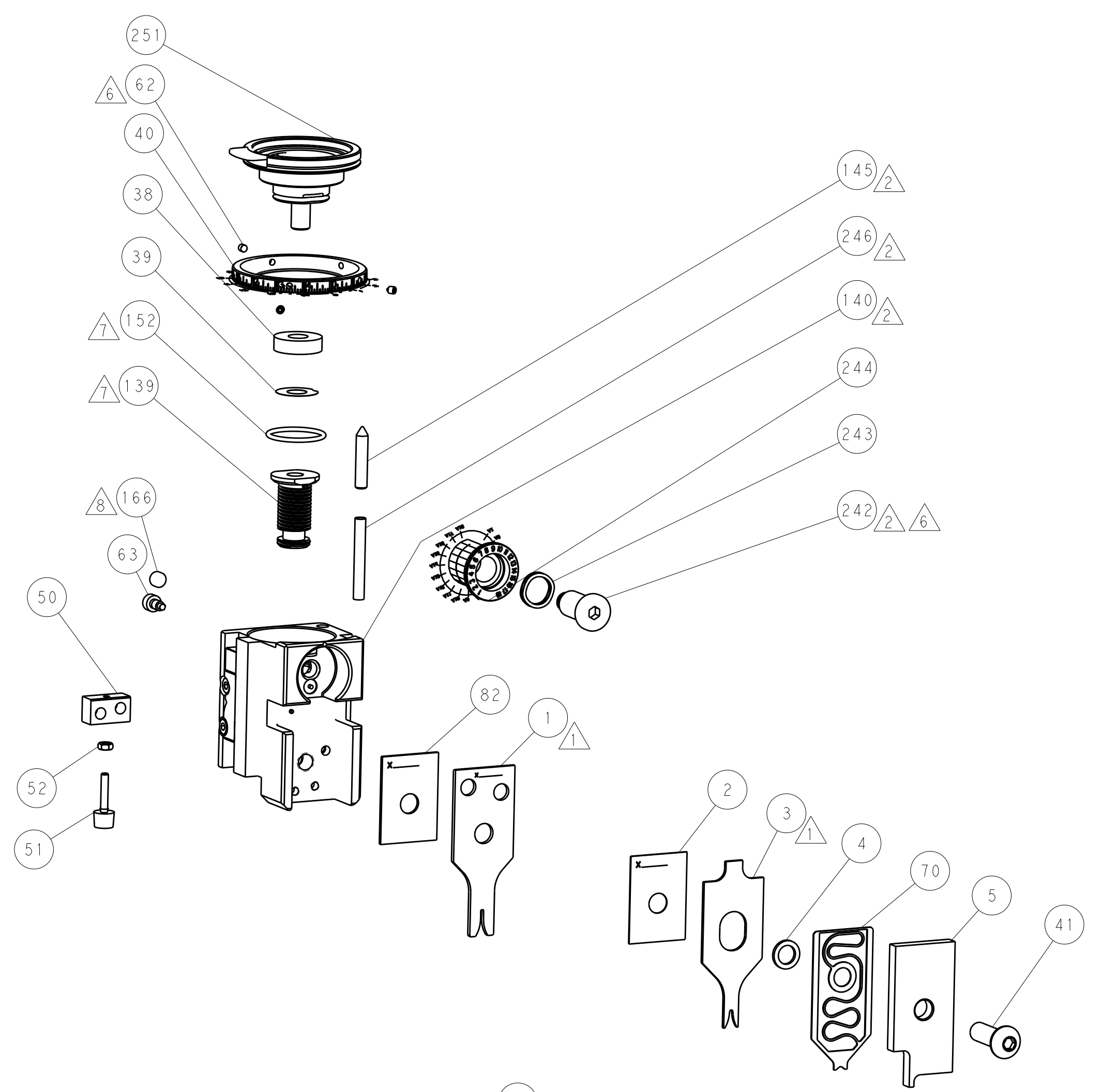
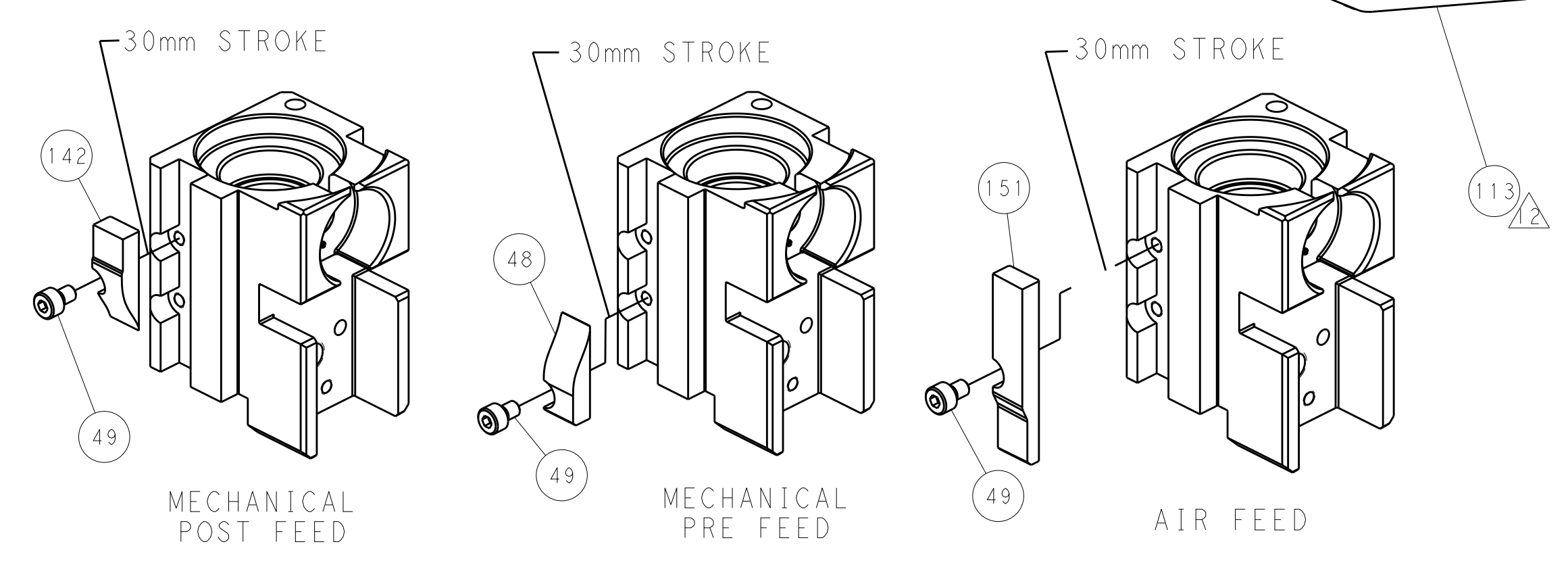
PNEUMATIC



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)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		CHK		APVD		NAME	
mm		0 PLC ±.1		X. ZHAO		T. ELBIN		S. XI		Ocean Side Feed Applicator	
MATERIAL		FINISH		Customer Accessible Production Drawing		SCALE		SHEET		REV	
				1:2		4		4		E	