

8

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RELEASED FOR PUBLICATION

20

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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

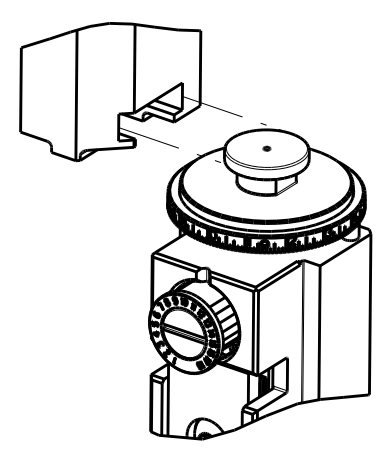
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151373-1

B

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151373-5

8-2151373-4

2119641-1

1901094-3

-

2119799-1

-

-

2063440-1

2168400-6 (QUANTITY 2)

-

2151373-2

B

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151373-5

8-2151373-4

2119653-1

1901094-3

-

-

-

-

-

-

-

-

-

-

2168400-6 (QUANTITY 2)

-

-

2151373-5

B

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2119950-1

1338685-1

5-18022-5

5-18022-5

-

2119653-1

2119641-1

-

-

-

-

-

-

-

-

-

-

2063440-1

2119799-1

2063440-1

2151373-6

B

NON-CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴¹²

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2151373-7

B

FINE CRIMP HEIGHT ADJUST

NONE

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7-2151373-7

A

CRIMP TOOLING KIT

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APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.29 mm [.090]

F

INSUL

3.30 mm [1.130]

F

APPLICATOR INSTRUCTIONS

408-10389



TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: .093 COMMERCIAL PIN AND SOCKET

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

.156-.186 IN [3.96-4.72 mm]

Ø .140 IN MAX [3.56mm MAX]

TERMINAL APPLICATION SPECIFICATION

114-49000

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

350415-1

350415-5

350415-6

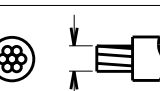
350416-1

350416-1

350416-2

350416-5

WIRE SIZE



CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING⁹

14 AWG

1.68+/-0.05 [.066+/- .002]

4.4

16 AWG

1.40+/-0.05 [.055+/- .002]

7.5

18 AWG

1.22+/-0.05 [.048+/- .002]

9.4

20 AWG

1.09+/-0.05 [.043+/- .002]

10.9



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: 8-2151373-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151373-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151373-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151373-6

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 ITEMS 50, 62 & 242.
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37, 50, & 242.

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

8 MAGNET, ITEM 166 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 THE BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

12 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

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1

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2119957-2

APPLICATOR SHIM PACK

260

-

1

-

1

1

1

8-21084-0

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

252

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-

-

-

1

-

2119640-1

PUSH ROD, AIR FEED

250

-

-

-

-

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

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1

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1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

-

1

-

-

-

2119758-1

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

245

-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

P

LTR

DESCRIPTION

DATE

DWN

APVD

B

ECR-13-006631

18APR2013

LG

GB

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1

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1

2119082-9

CAM, SNAIL, INSULATION ADJUSTMENT

244

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1

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1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

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1

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1

2119083-1

RETAINER, INSULATION DIAL

242

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7-18023-7

SCR, SKT HD CAP M3 X 4.0

241

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2

2

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2168400-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

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-

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1

2119580-1

MECHANICAL FEED ASSEMBLY

239

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1

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2063440-1

AIR FEED MODULE

238

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-

1

1

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-

2119740-2

TAG, IDENTIFICATION

213

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-

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1

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-

1901094-3

SPACER, FEEDER

198

-

1

1

1

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1

993111-1

PIN, SLOTTED SPRING 3.0 X 20.0

177

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1

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8-22280-7

SPRING, COMPRESSION

176

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1

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1

1752353-2

GUIDE PIN, HOLDDOWN

175

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1

1

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1

1

1901680-2

GUIDE PIN, HOLDDOWN

174

-

-

-

-

2

-

21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

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1

1

1

1

1

994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

-

REF

REF

REF

REF

REF

994970-2

COUNTER, MAGNETIC

164

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-

-

1

-

240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

-

3-23627-7

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

137

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1

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2119799-1

HOLDER, FEED FINGER, AF

136

-

-

REF

REF

-

-

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

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1

1

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1633743-1

SERVO FEED LATCH ASM

133

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1-18028-2

WASHER, FLAT, REG M4

119

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-

REF

REF

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2119944-1

FEED FINGER ASSEMBLY, SF

117

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1

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455888-5

SPACER, CRIMPER

82

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5-547505-2

SPRING, COMPRESSION

77

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1

854769-4

HOLDER, INS

74

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1

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2119956-1

DOCUMENTATION PACKAGE

71

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1

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2119740-1

TAG, IDENTIFICATION

67

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2

2

2

2

2

2168078-1

SCREW, DRIVE, RH, RoHS

66

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1

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1

1

1

2119793-1

LIMITER, ADJUSTMENT BOLT

63

-

3

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3

3

3

992763-5

SCR, SET, SOC, CONE POINT, M3 x 4.0

62

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2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

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1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

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1

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1

21028-2

PIN, SLOTTED SPRING .062 X .250

58

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1

1

1338685-1

PAWL, FEED

56

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4

4

4

4

4

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

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1

1

1

1

1

1-5018030-0

NUT, HEX, REG, RoHS, M3.5

52

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1901681-1

HOLDDOWN, TERMINAL

51

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1

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1-1752354-9

STANDOFF, HOLD-DOWN

50

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2

18023-9

SCR, SKT HD CAP M4 X 6.0

49

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2119652-1

FEED CAM, PRE FEED

48

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2119653-1

FEED CAM, POST FEED

47

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2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

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1

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2119370-1

RAM, AMP STYLE, SIDE FEED

44

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2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

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2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

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2119957-1

APPLICATOR SHIM PACK

39

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1-2119644-2

RAM WASHER, PRECISION

38

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2119085-1

FA HEAD, ATLANTIC STYLE

37

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2119092-1

BOLT, ADJUSTMENT

35

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1752356-1

SUPPORT, TERMINAL

34

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2

2

2

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2

2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

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2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

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1-1320908-2

SPACER, STRIP GUIDE

30

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2119959-1

ASSEMBLY, STRIP GUIDE

29

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1-455888-0

SPACER, CRIMPER

28

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1320928-2

STRIP GUIDE

24

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2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

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1-18028-2

WASHER, FLAT, REG M4

20

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2119533-1

STRIPPER, SIDE FEED

19

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2119806-1

INSERT, SHEAR

13

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1

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1

1

3-22280-3

SPRING, COMPRESSION

12

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1-356885-4

STOP, SHEAR

11

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1

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2119805-1

SHEAR HOLDER, FRONT

10

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454276-5

FLOATING SHEAR, FRONT

9

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2-1633132-5

ANVIL, COMBINATION .090

8

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6

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2119780-8

DEPRESSOR, SHEAR

5

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1-238011-7

BLOCK, CRIMPER SPACER

4

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1-1633961-5

CRIMPER, INSULATION F PREMIUM

3

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455888-3

SPACER, CRIMPER

2

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2-456406-3

CRIMPER, WIRE PREMIUM

1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

AMP 4805 REV 31MAR2000

8

7

6

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4

3

2

1

THIS IS SUBJECT TO CHANGE BASED ON THE LATEST REVISIONS OF THE DRAWING. THE CUSTOMER SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.1

±0.02

±0.005

±0.0005

±

DWN

07NOV2011

CHK

L. ZHANG

07NOV2011

APVD

S. XI

07NOV2011

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

Customer Accessible Production Drawing

SCALE

1:1

SHEET

1

OF

4

REV

B

TE Connectivity

Harrisburg, PA 17105-3608

Ocean Side Feed

Applicator

SIZE

CAGE CODE

DRAWING NO

00779

©=2151373

RESTRICTED TO

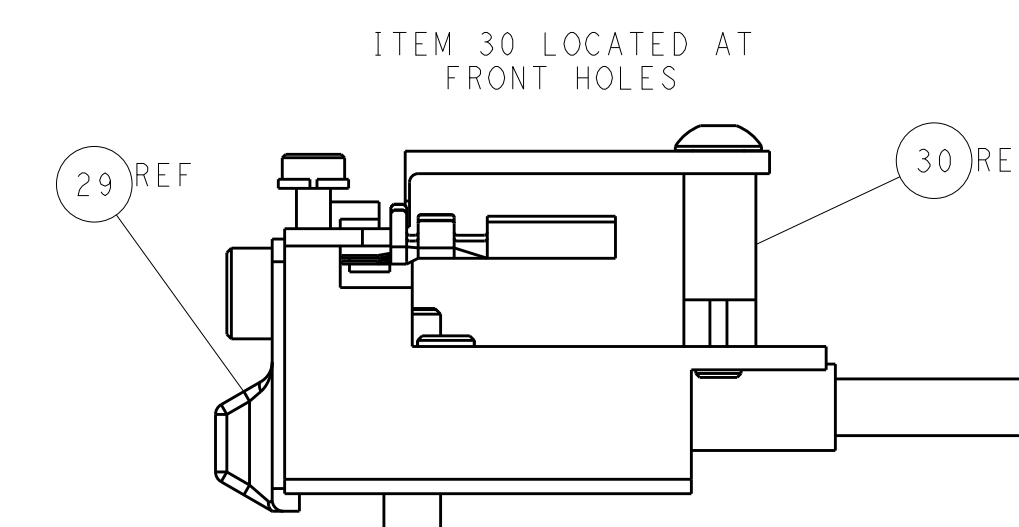
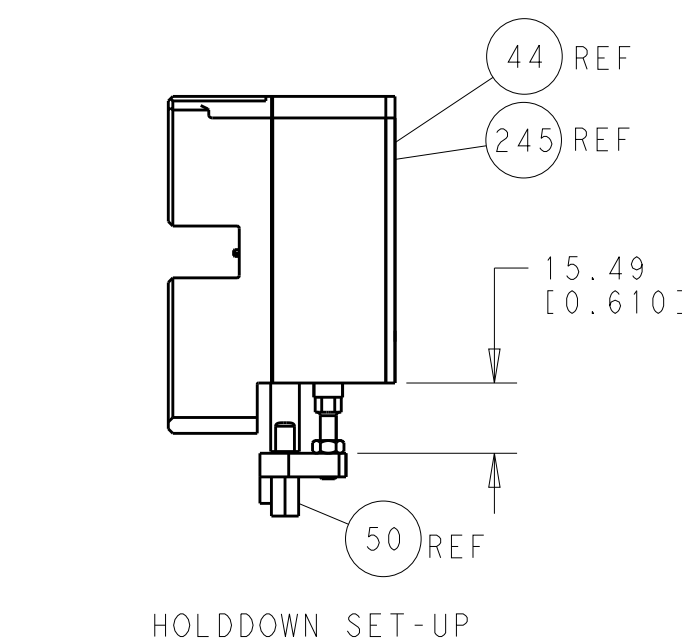
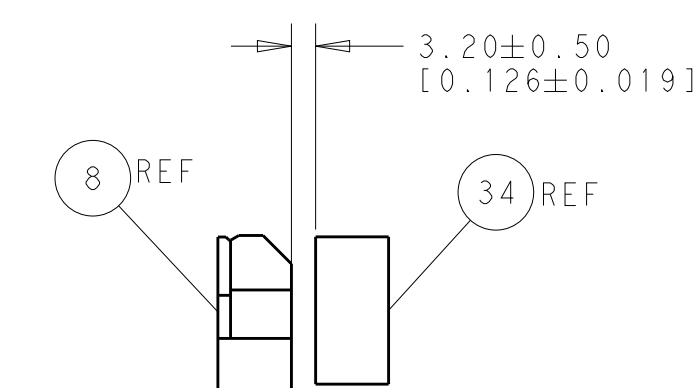
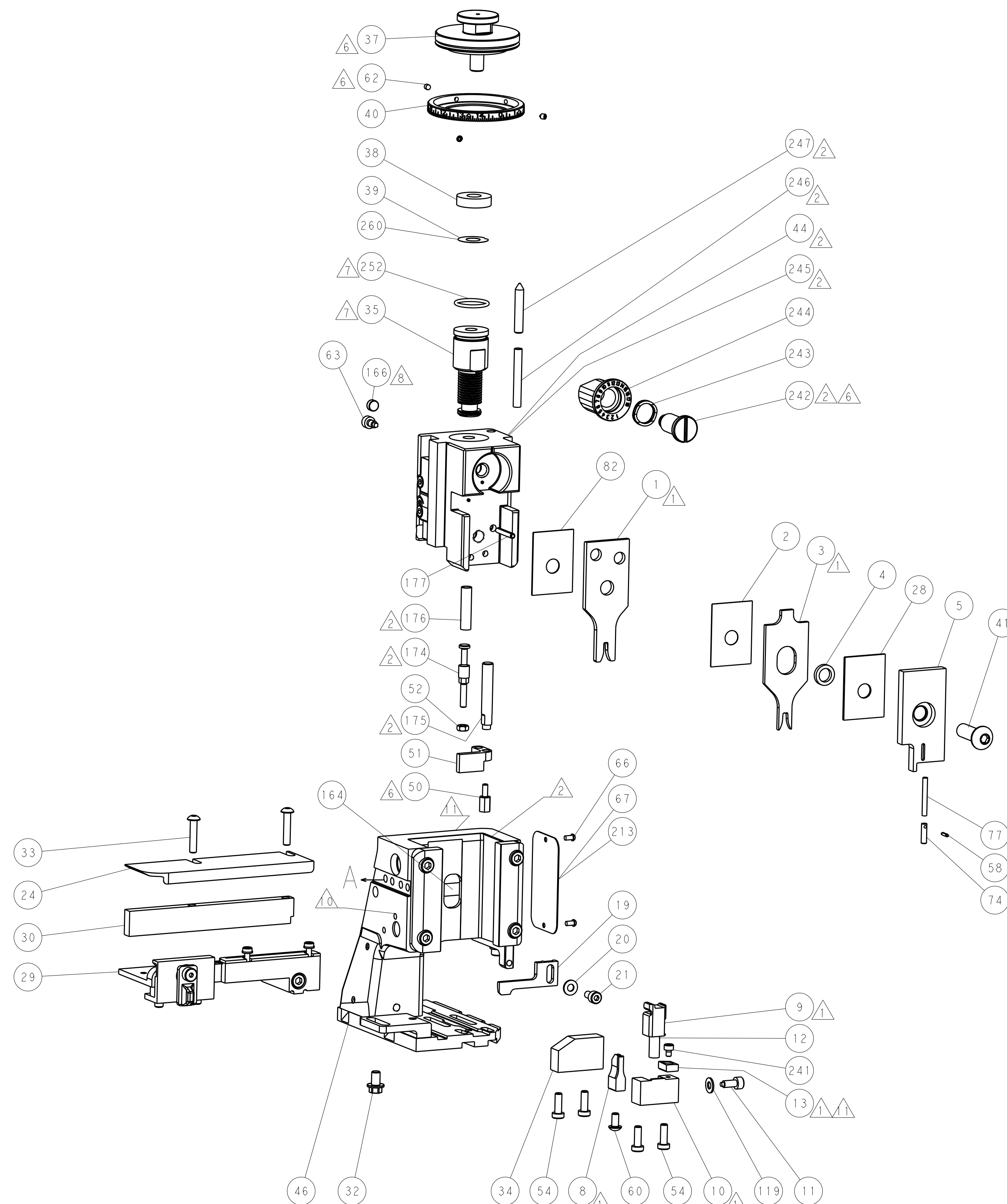
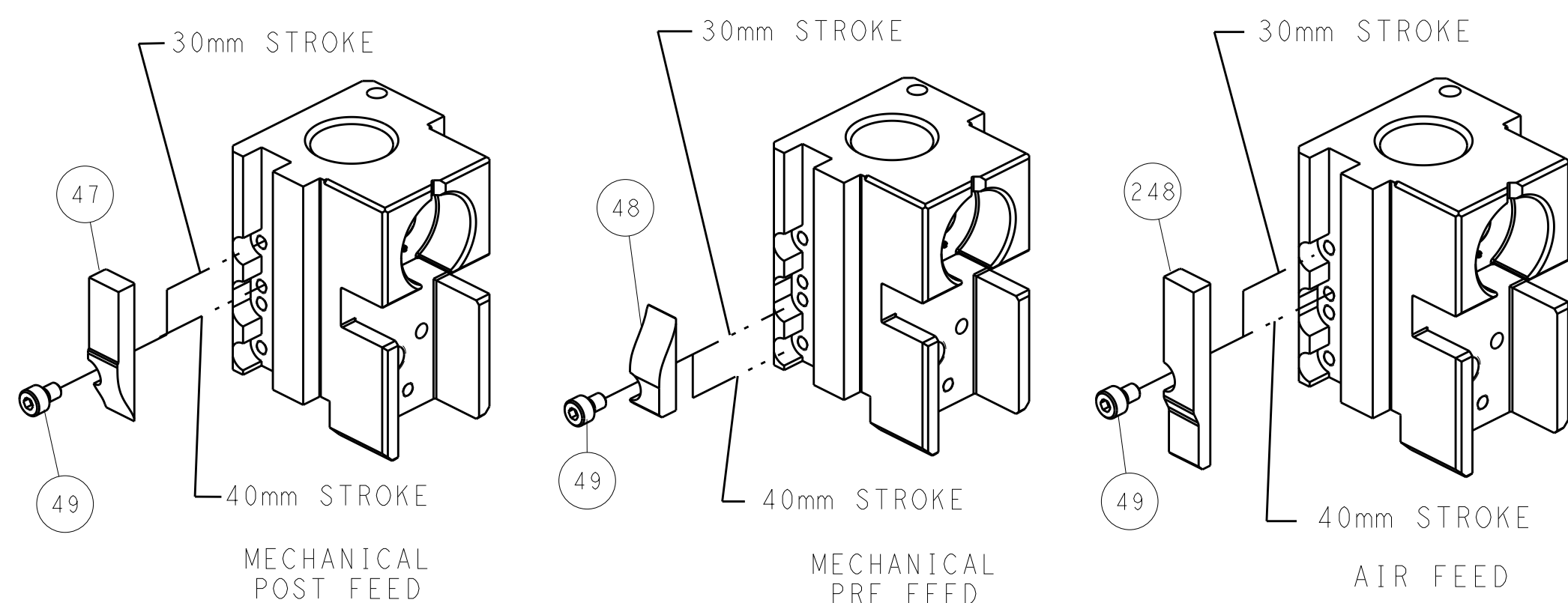
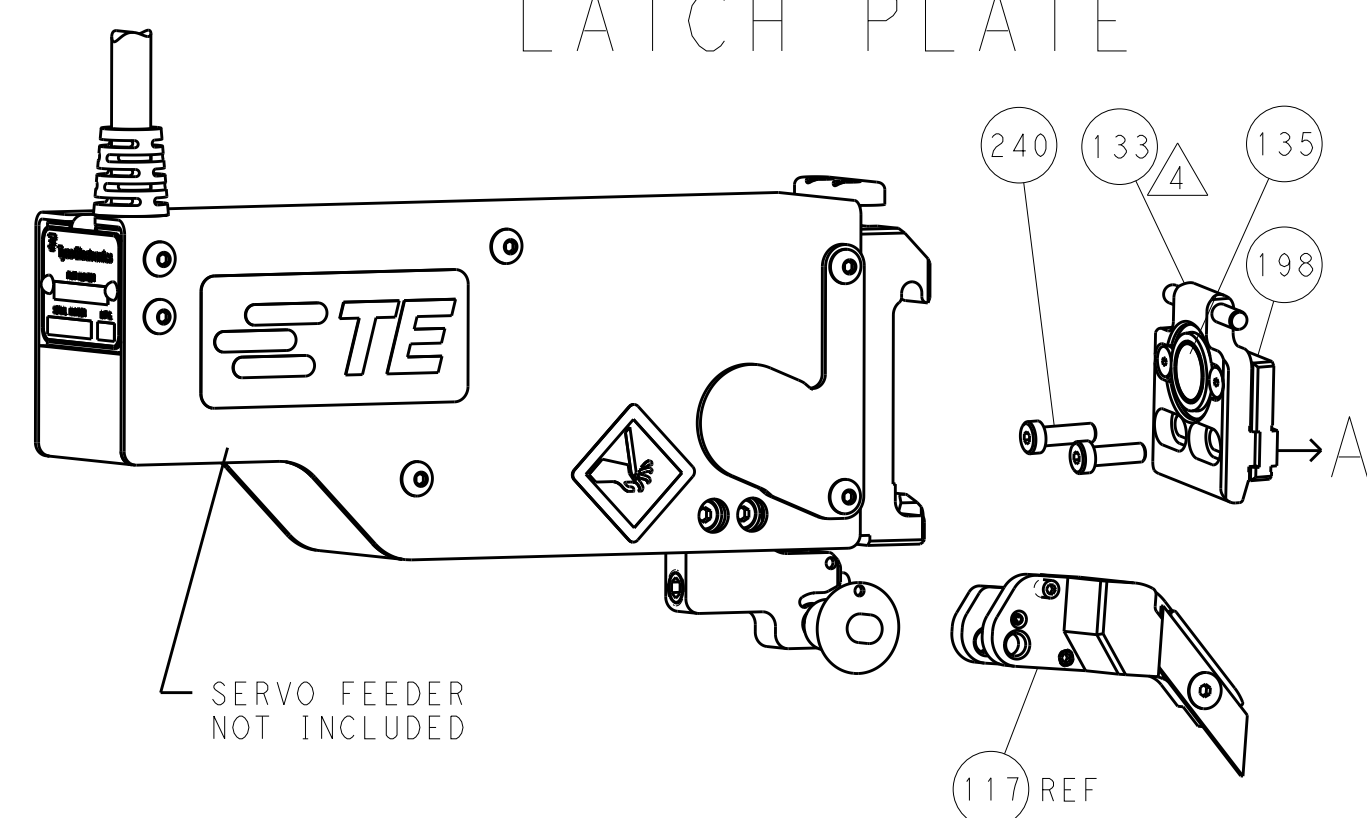
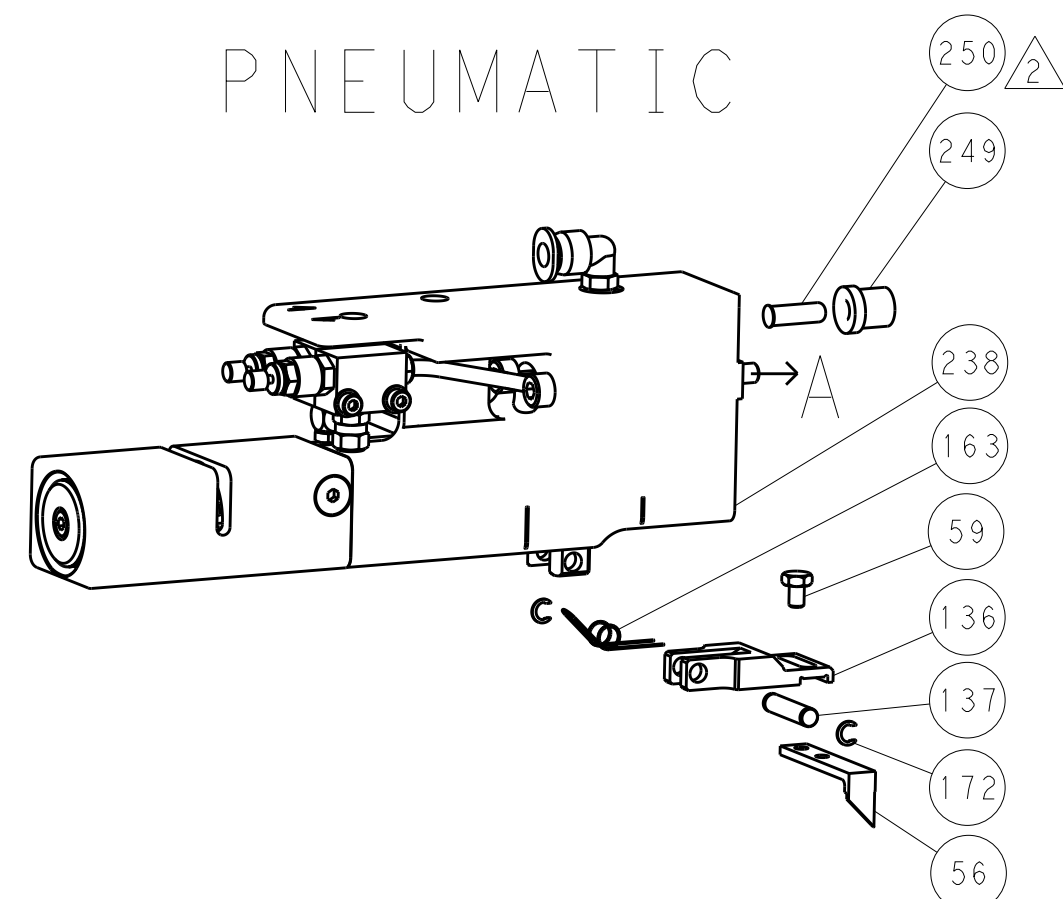
-

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

PNEUMATIC

SERVO
LATCH PLATE

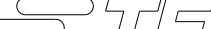
CAM POSITIONS



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)

THIS DRAWING IS A CONFIDENTIAL DOCUMENT FOR TFCO INDUSTRIES CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLS AND TOLERANCES SPECIFIED HEREIN ARE GOVERNED BY THE LATEST REVISION.		DWN 07NOV2011 CHK L ZHANG 07NOV2011 APV L ZHANG 07NOV2011 S X J		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ±0.0005 ANGLES ±.1		NAME Ocean Side Feed Applicator PRODUCT SPEC APPLICATION SPEC SIZE CAGE CODE DRAWING NO A 00779 C=2151373	
MATERIAL FINISH - -		WEIGHT -		RESTRICTED TO -	
		Customer Accessible Production Drawing		SCALE 1:1 SHEET 2 OF 4 REV A	

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

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

D

C

B

A

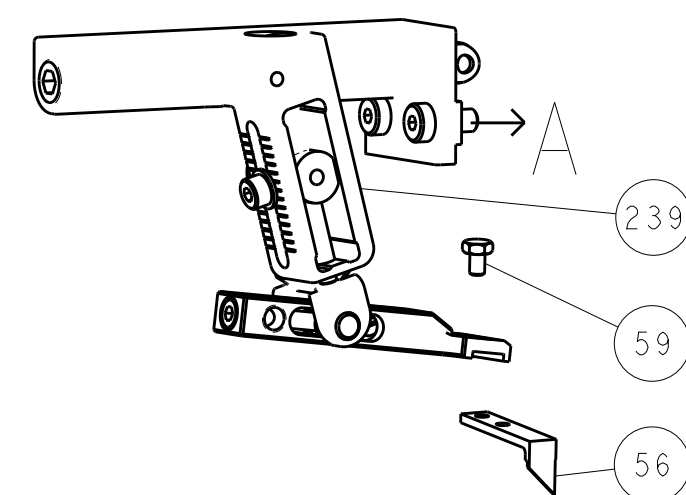
D

C

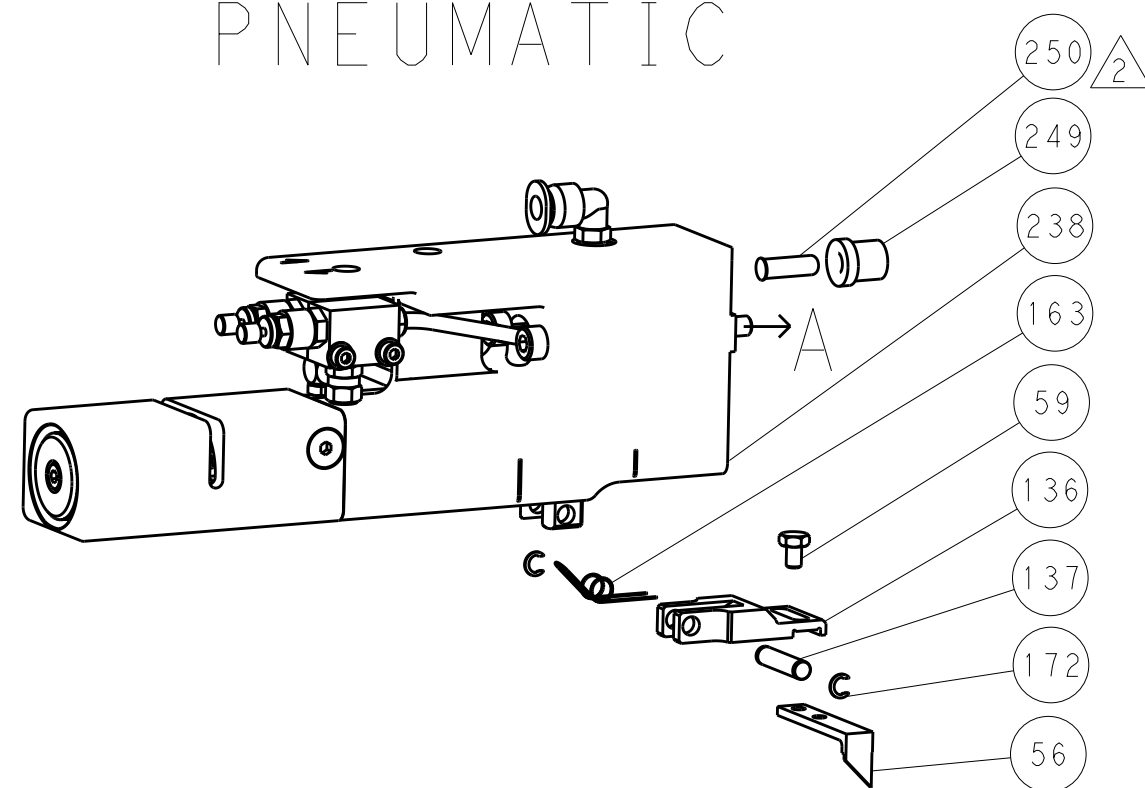
B

A

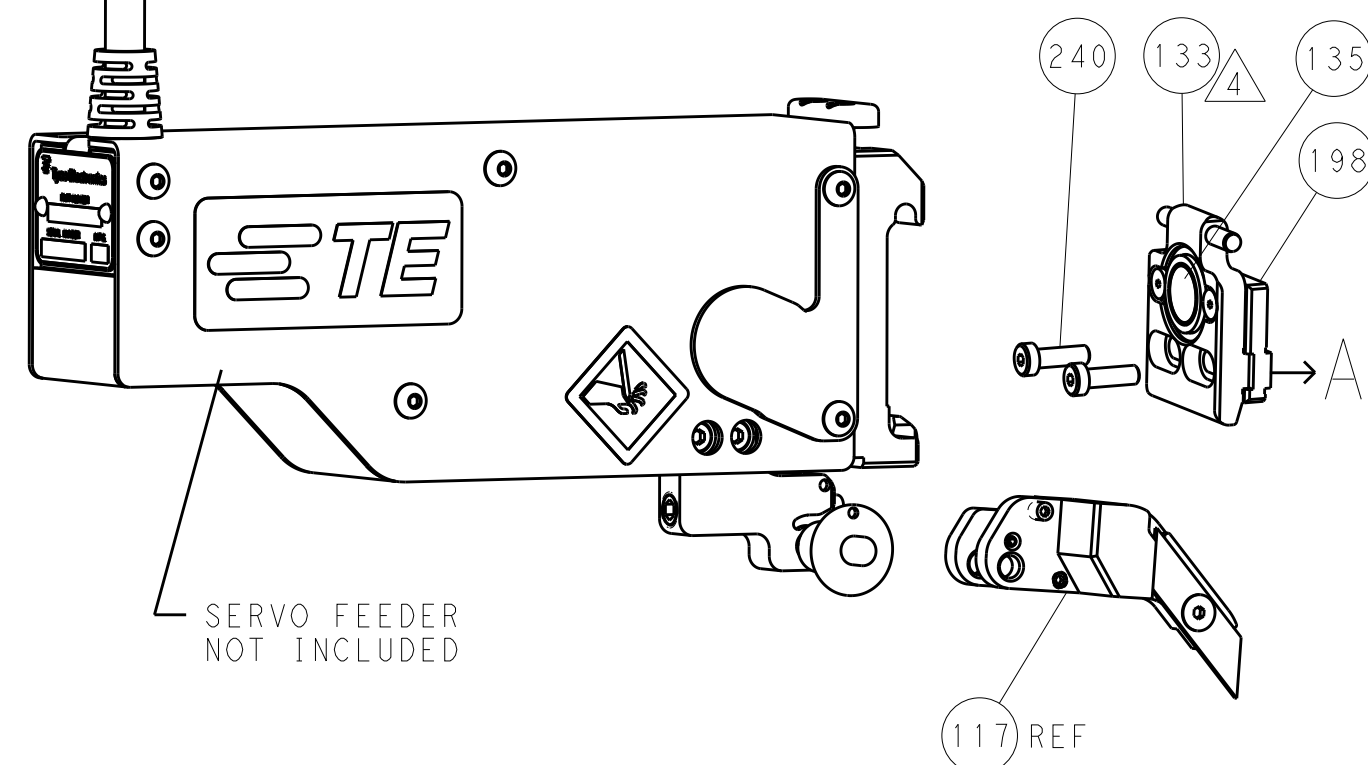
FEED TYPE MECHANICAL



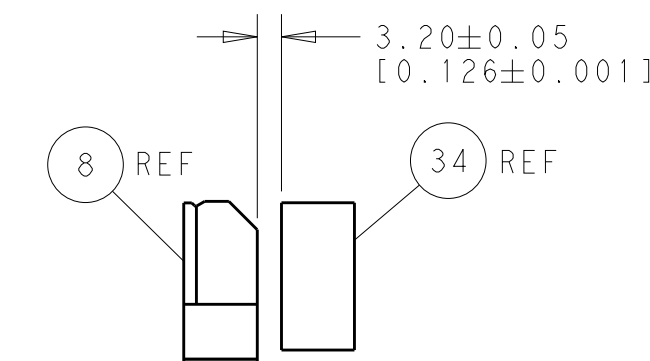
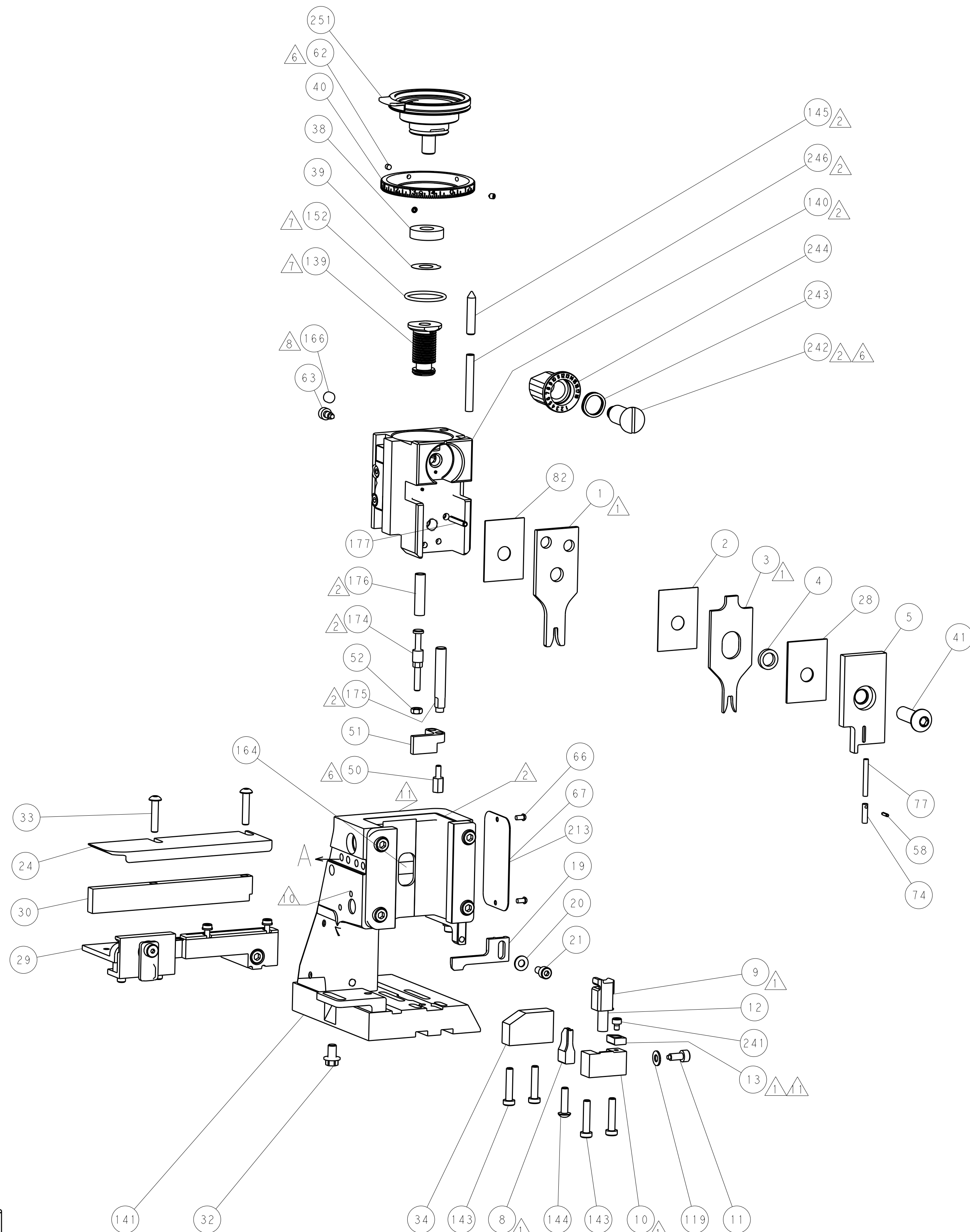
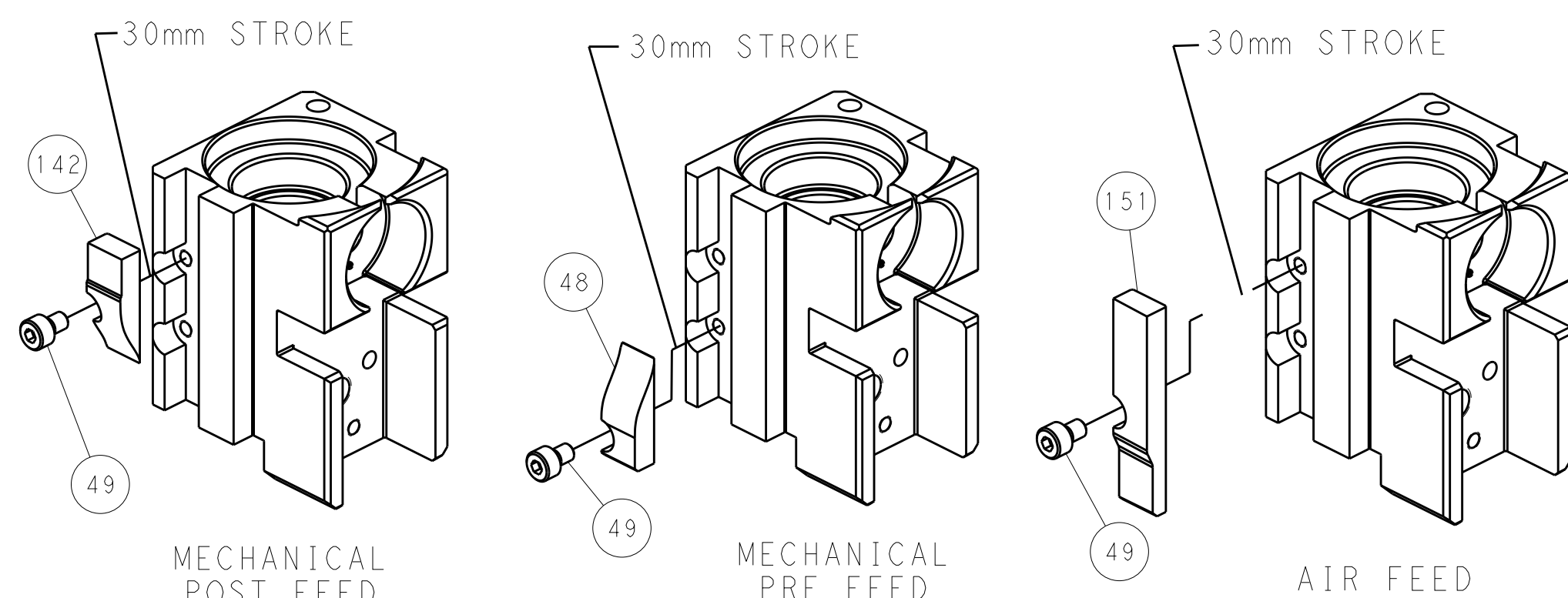
PNEUMATIC



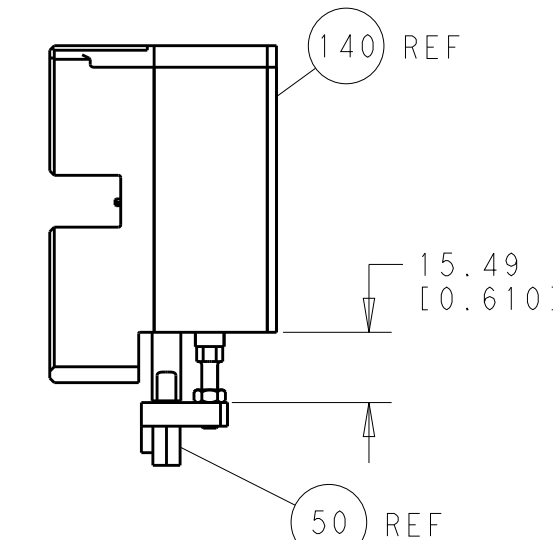
SERVO LATCH PLATE



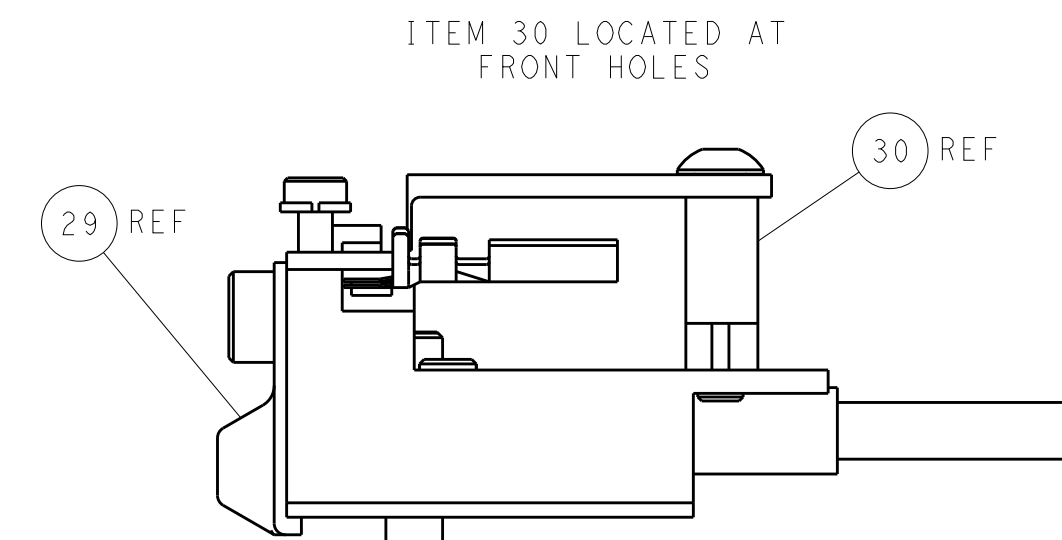
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



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)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		TE Connectivity	
mm		0 PLC ±0.1		L. ZHANG		Harrisburg, PA 17105-3608	
		1 PLC ±0.02		L. ZHANG		07NOV2011	
		2 PLC ±0.02		S. XI		07NOV2011	
		3 PLC ±0.005		APVD		NAME	
		4 PLC ±0.0005		FINISH		PRODUCT SPEC	
						APPLICATION SPEC	
						SIZE	
						CAGE CODE	
						DRAWING NO	
						RESTRICTED TO	
						A 00779 C=2151373	
						Customer Accessible Production Drawing	
						SCALE 1:1	
						SHEET 4 OF 4	
						REV B	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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