

8

7

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1

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20

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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

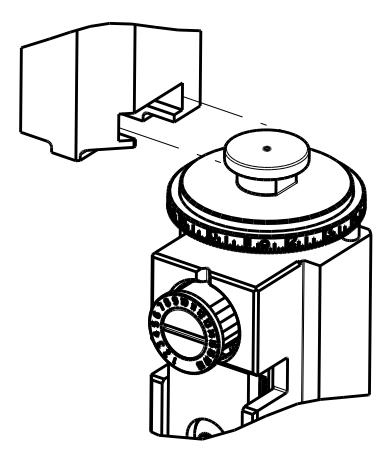
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151676-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151676-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

1338685-1

5-18022-5

2119653-1

-

-

2151676-5

A

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

1338685-1

5-18022-5

2119653-1

-

2119799-1

2063440-1

2151676-6

A

NON-CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴¹²

-

-

-

-

-

-

2151676-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

7-2151676-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

3.80 mm [.150]

F

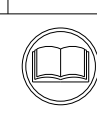
INSUL

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-

APPLICATOR INSTRUCTIONS

408-10389



TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: STAMPED SKT CONTACT FOR NECTOR CONN

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.90-5.10 mm [.193-.201 IN]

Ø4.80-5.80 mm [.189-.228 IN]

TERMINAL APPLICATION SPECIFICATION

114-20165

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

293645-2

WIRE SIZE





CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING



4.00mm2

1.90+/-0.03 [.075+/- .001]

8.0



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: 8-2151676-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151676-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151676-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151676-6

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 ITEM 50.

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

LOC

DIST

REV

SET UP GAUGE

2119599-1

A

66

REV

DATE

OWN

APVD

DESCRIPTION

DATE

LG

GB

-

-

-

-

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

7-18023-7

SCR, SKT HD CAP M3 X 4.0

241

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-

2

2

-

-

2168400-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

-

-

-

-

-

1

2119580-1

MECHANICAL FEED ASSEMBLY

239

-

-

-

-

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

-

-

1

1

-

-

1901094-3

SPACER, FEEDER

198

-

1

1

1

1

1

993111-1

PIN, SLOTTED SPRING 3.0 X 20.0

177

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1

1

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1

1

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

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1901680-2

GUIDE PIN,HOLDDOWN

174

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-

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2

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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

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240638-1

SPRING, FEED FINGER

163

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-

1

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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

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REF

REF

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SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

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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

1

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1

1

455888-5

SPACER, CRIMPER

82

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1

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2119956-1

DOCUMENTATION PACKAGE

71

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1

1

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1

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2119791-5

DEPRESSOR, WIRE

70

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1

1

1

1

1

2119943-1

WASHER, SPACER

69

-

1

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1

1

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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2119793-1

LIMITER, ADJUSTMENT BOLT

63

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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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5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

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1338685-1

PAWL, FEED

56

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4

4

4

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4

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

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1-5018030-0

NUT, HEX, REG, RoHS, M3.5

52

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1901681-1

HOLDDOWN, TERMINAL

51

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2-1752354-5

STANDOFF,HOLD-DOWN

50

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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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1

2119370-1

RAM, AMP STYLE, SIDE FEED

44

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1

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2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

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1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

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1

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1

2119957-1

APPLICATOR SHIM PACK

39

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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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3-1752356-3

SUPPORT, TERMINAL

34

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2

2

2

2

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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1-1320908-0

SPACER, STRIP GUIDE

30

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2119959-1

ASSEMBLY, STRIP GUIDE

29

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1-455888-6

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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3-22280-3

SPRING, COMPRESSION

12

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1-356885-4

STOP, SHEAR

11

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2119805-1

SHEAR HOLDER, FRONT

10

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454276-5

FLOATING SHEAR, FRONT

9

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1633933-6

ANVIL, COMBINATION

8

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1-2119757-0

DEPRESSOR, SHEAR

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2-1633730-8

CRIMPER, WIRE

1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

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2119957-2

APPLICATOR SHIM PACK

260

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1

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8-21084-0

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

252

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2119640-1

PUSH ROD, AIR FEED

250

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1

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2079988-1

BUSHING, LCH5-12, MISUMI

249

ATLANTIC VERSION

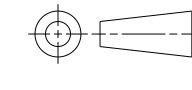
Shown on sheets 1 of 4 & 2 of 4

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

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DIMENSIONS:

mm



0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.1

±0.02

±0.005

±0.0005

±

DRAWING NO

00779

©=2151676

SCALE

1:1

SHEET

1

OF

4

REV

A

CUSTOMER ACCESSIBLE

PRODUCTION DRAWING

SCALE

1:1

SHEET

1

OF

4

REV

A

AMP 4805 REV 31MAR2000

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

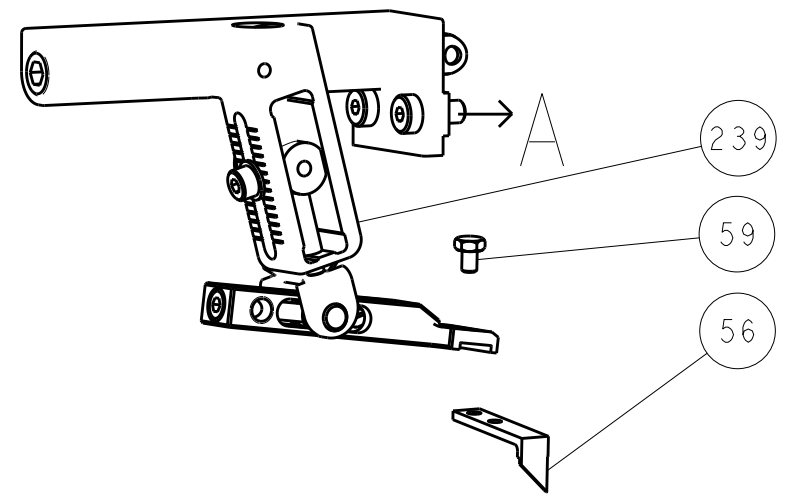
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

C

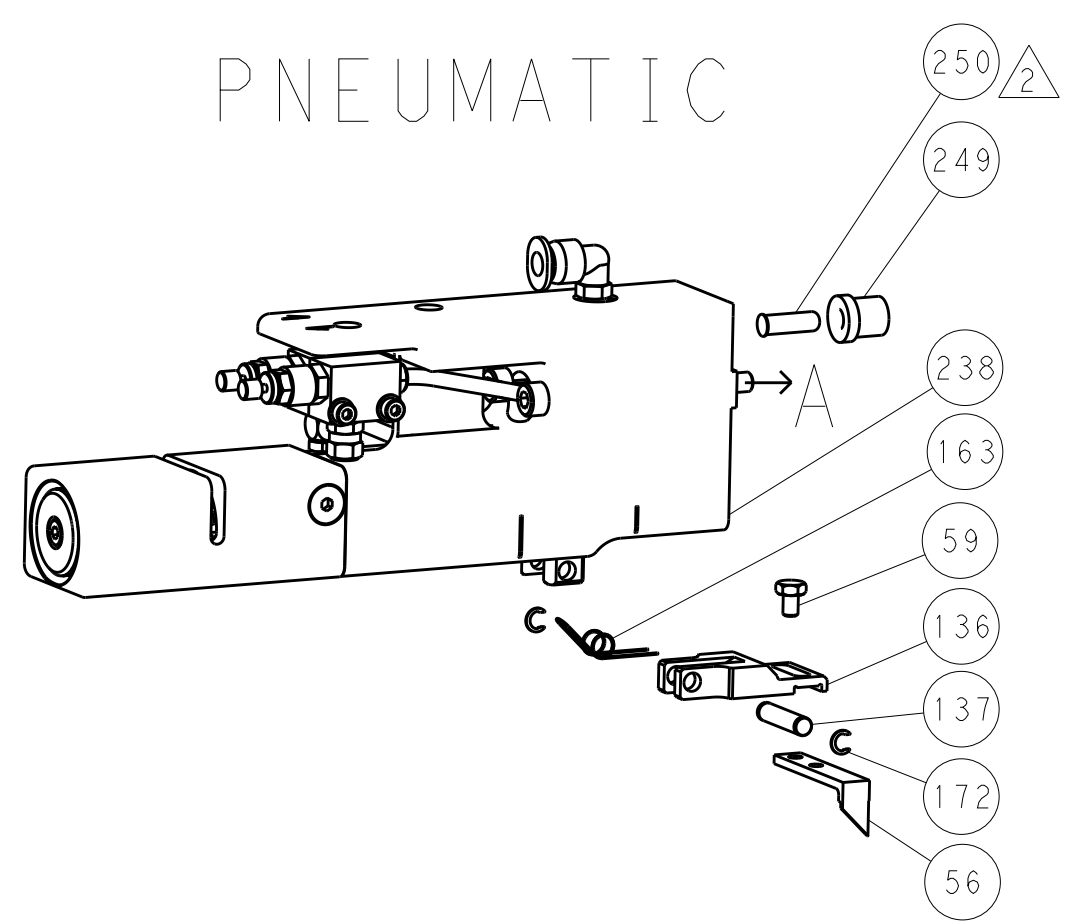
B

A

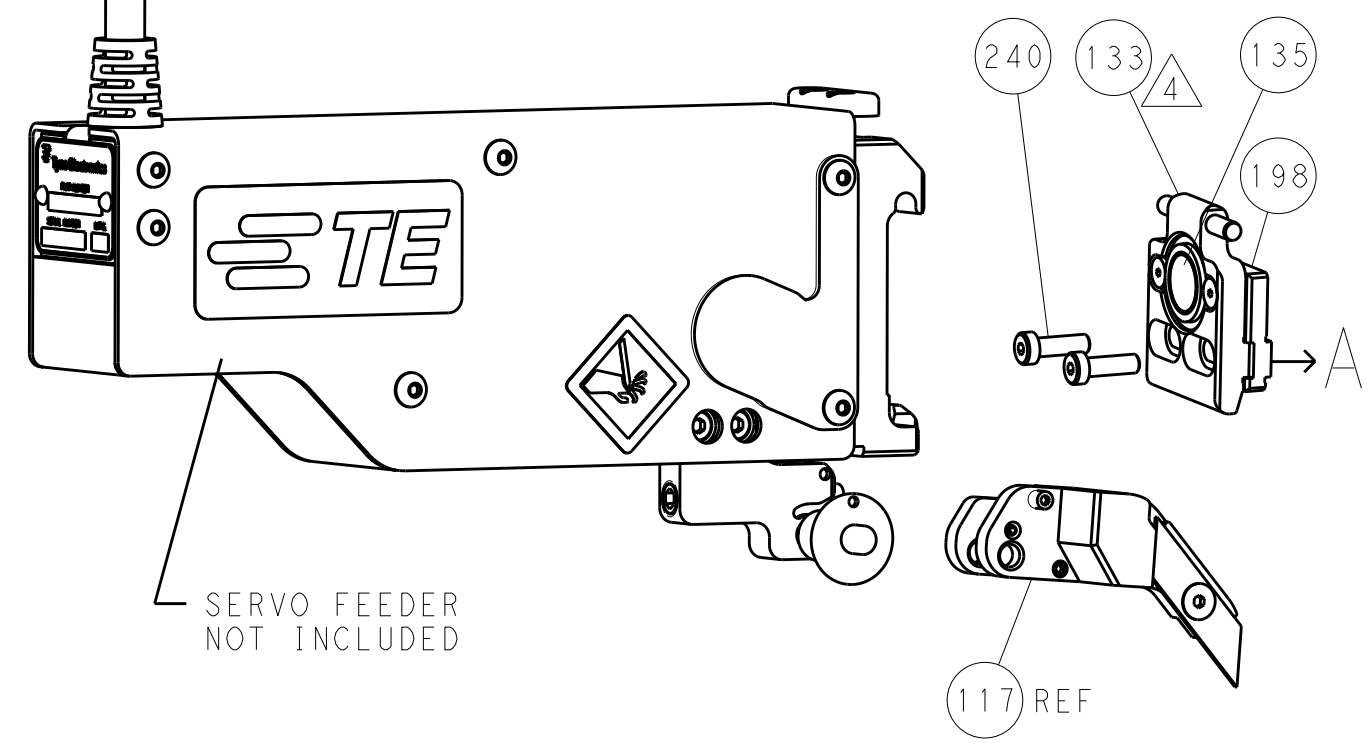
FEED TYPE MECHANICAL



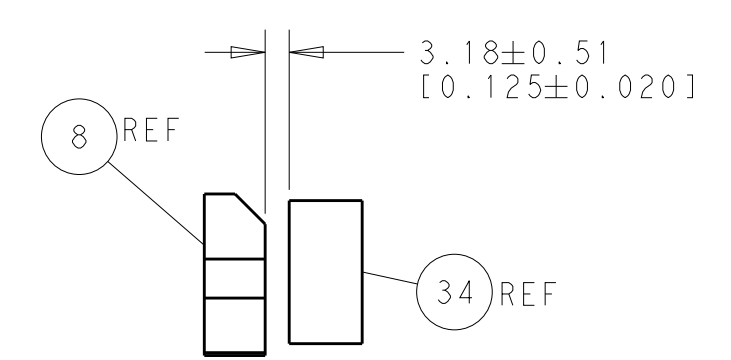
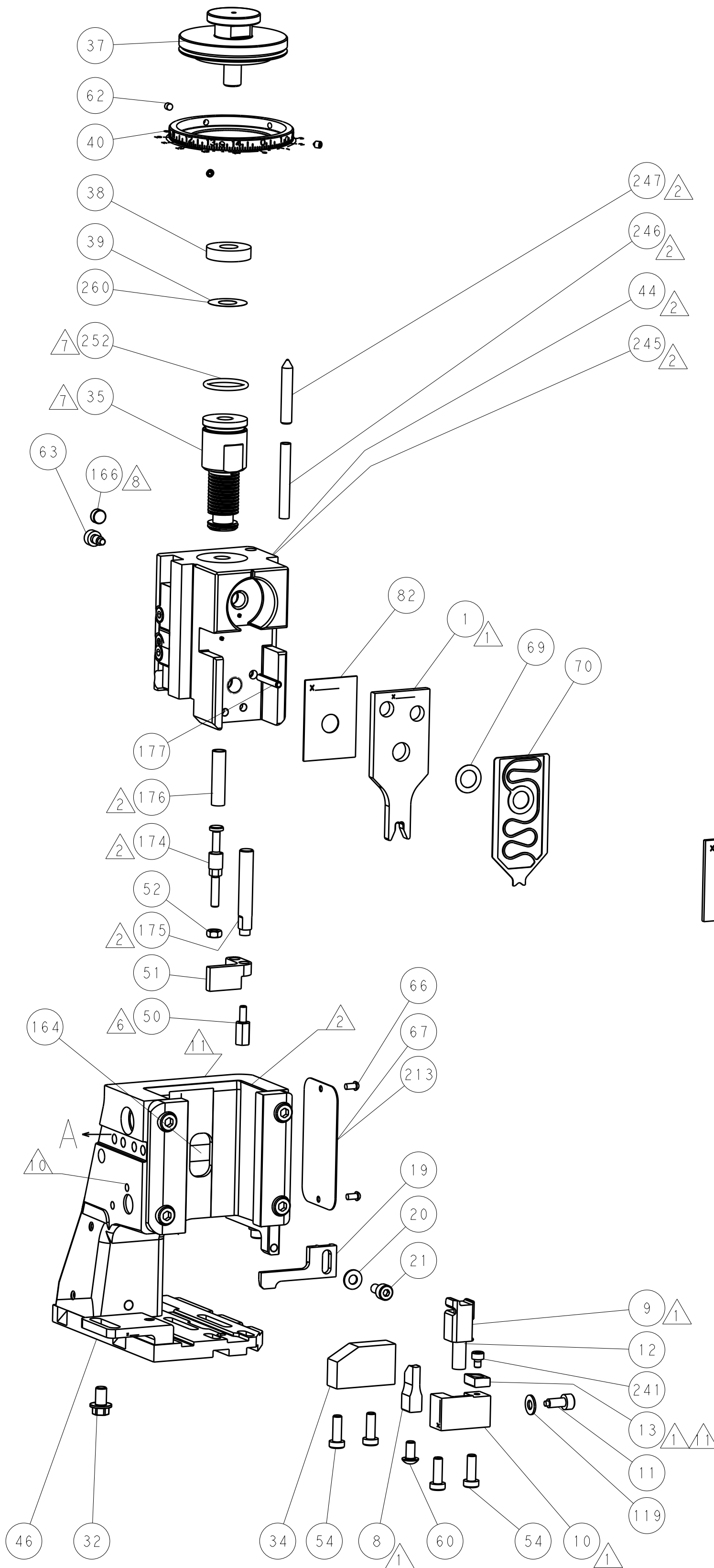
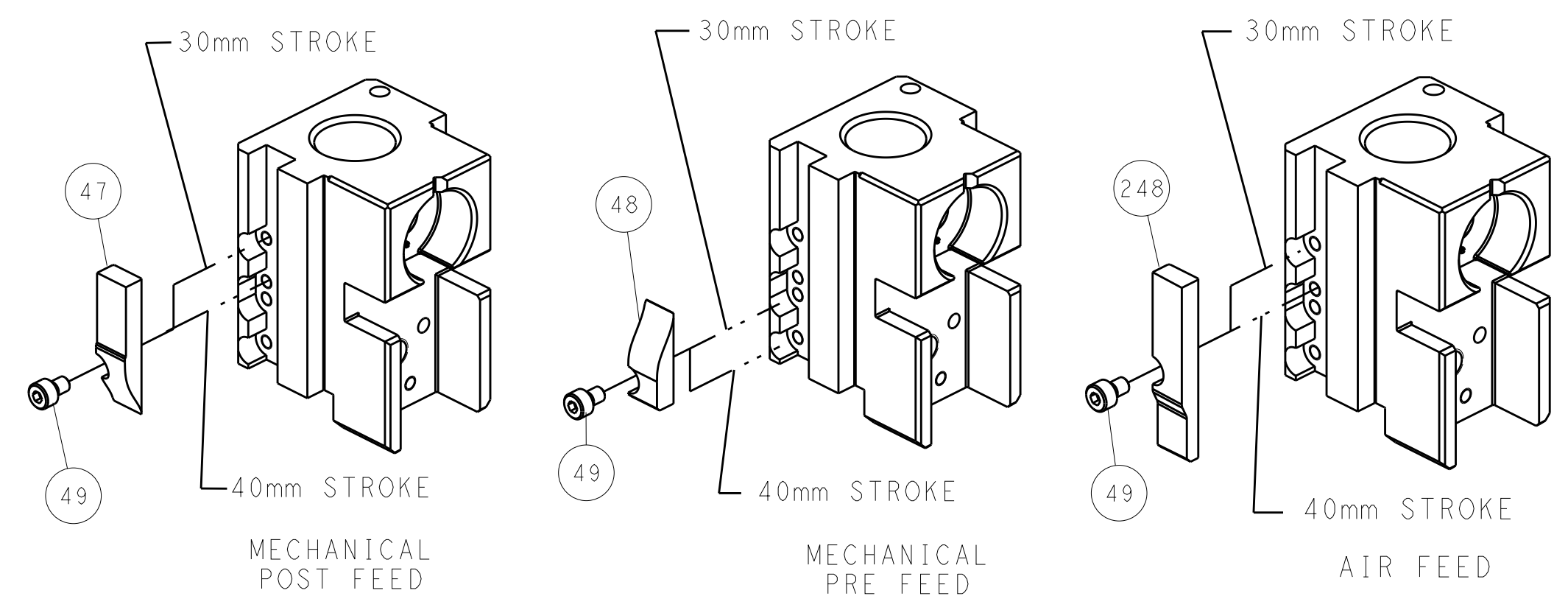
PNEUMATIC



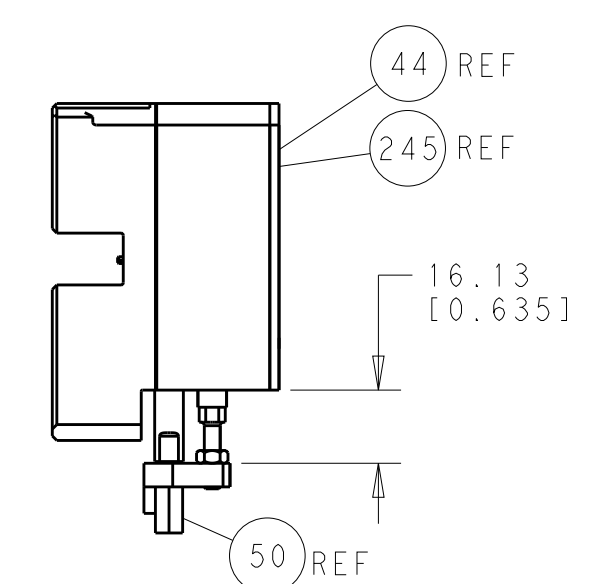
SERVO LATCH PLATE



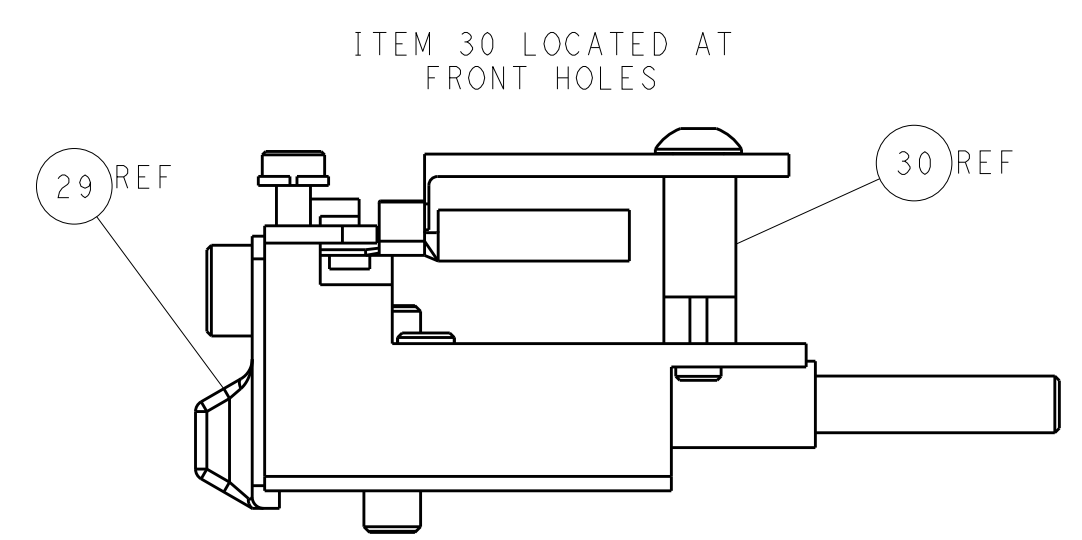
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



FEED TRACK POSITION GUIDE BY WIRE 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 UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. ANY CHANGES TO THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST VERSION.		OWN: HOFFNER 23MAY2012	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK: TELBIN 24MAY2012	NAME: Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: TELBIN 24MAY2012	SIZE: CAGE CODE: DRAWING NO: 00779 ©=2151676	
0 PLC ±.1		PRODUCT SPEC	RESTRICTED TO	
1 PLC ±.02		APPLICATION SPEC	A	
2 PLC ±.005		WEIGHT	CUSTOMER ACCESSIBLE PRODUCTION DRAWING	
3 PLC ±.0005		SCALE: 1:1	SHEET 2 OF 4	
4 PLC ±.0005		REV: A	SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION	

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

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

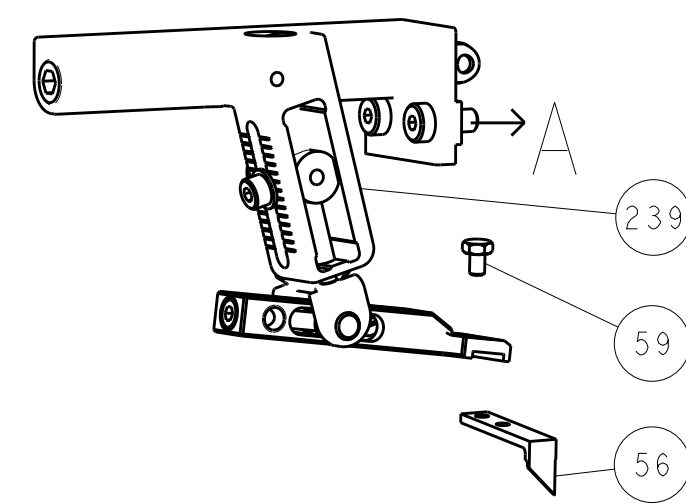
D

C

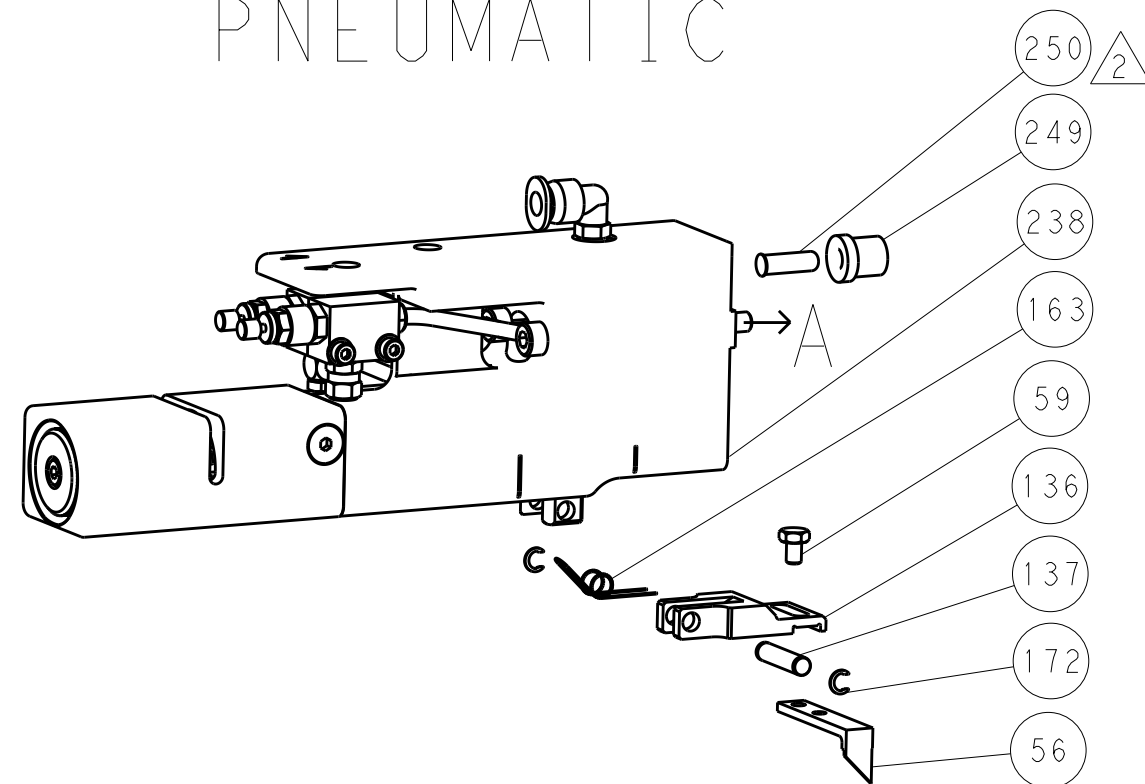
B

A

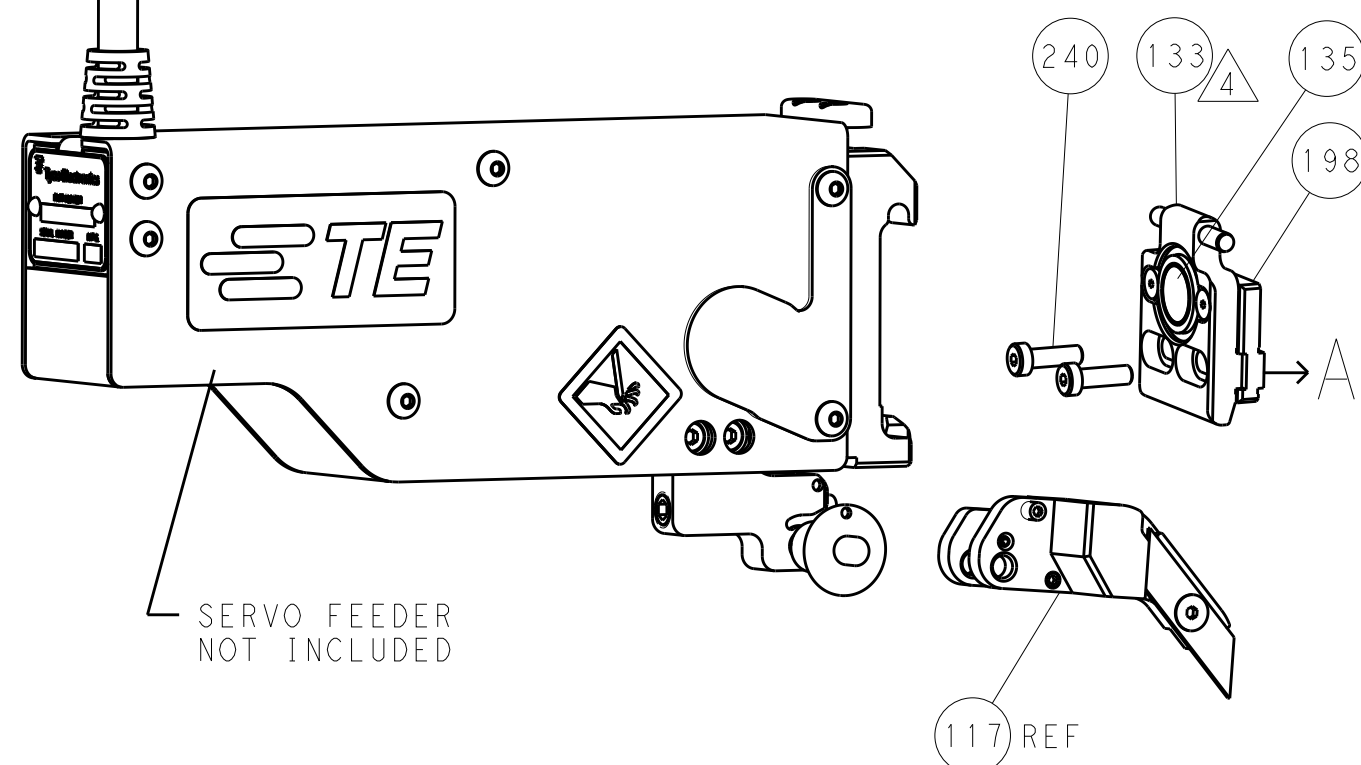
FEED TYPE MECHANICAL



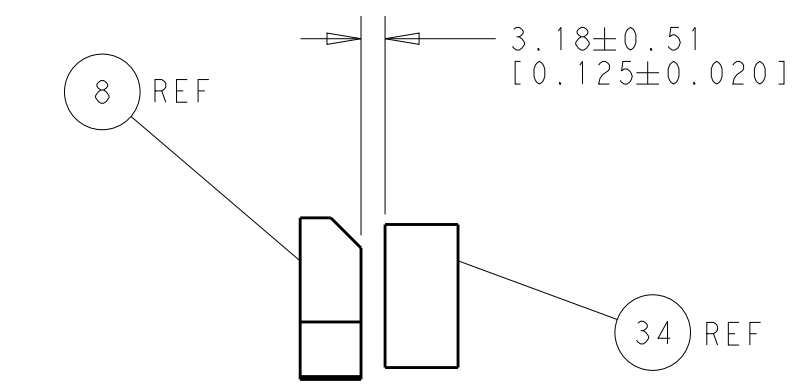
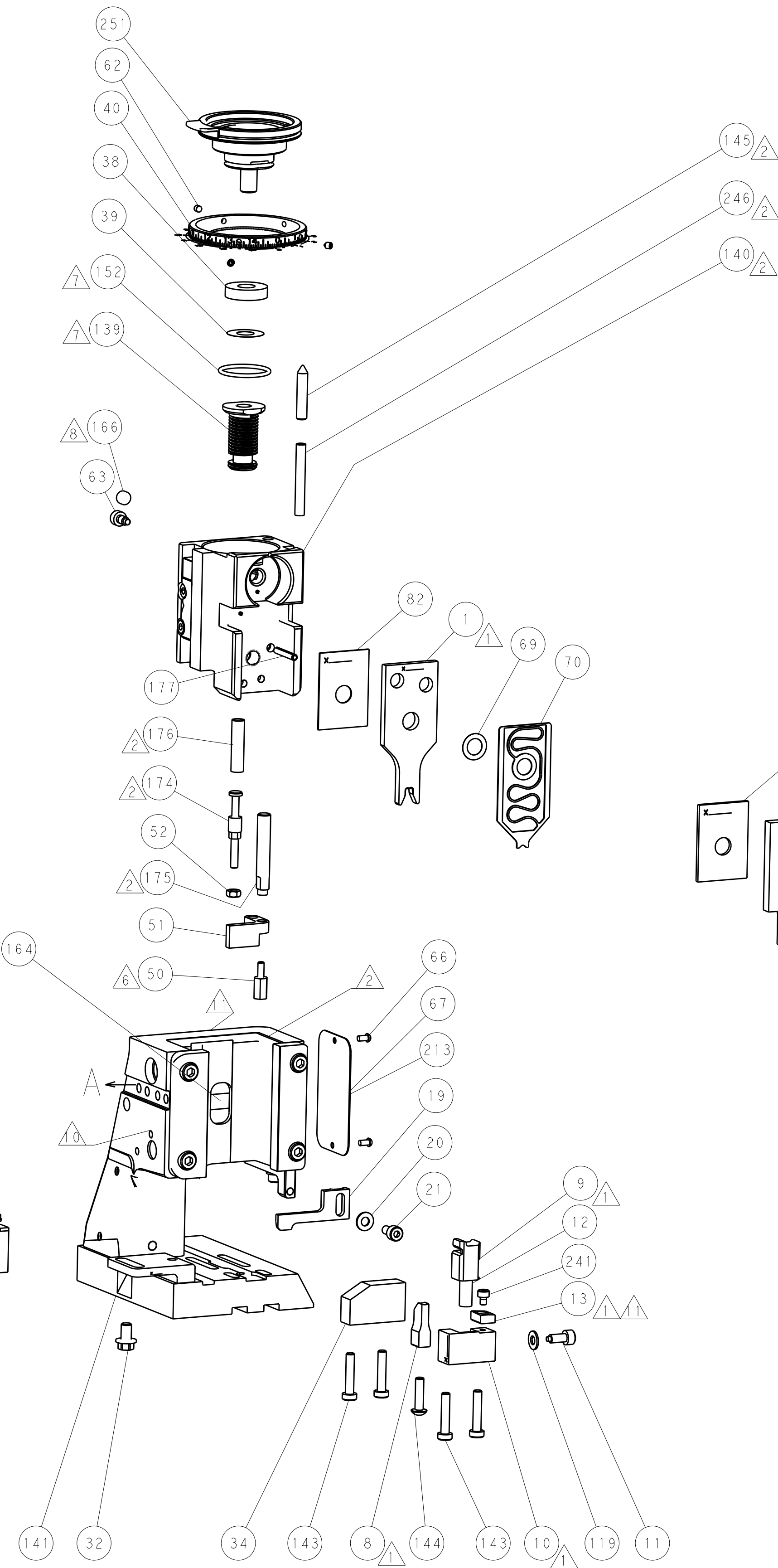
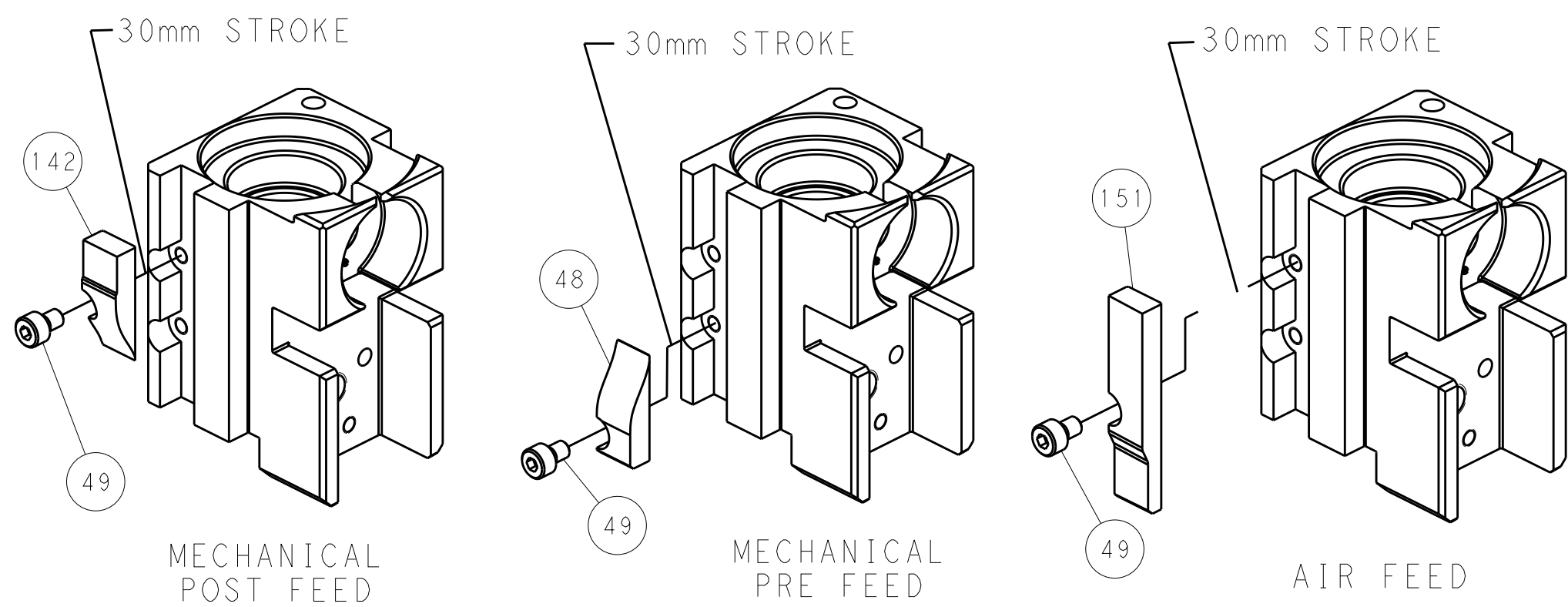
PNEUMATIC



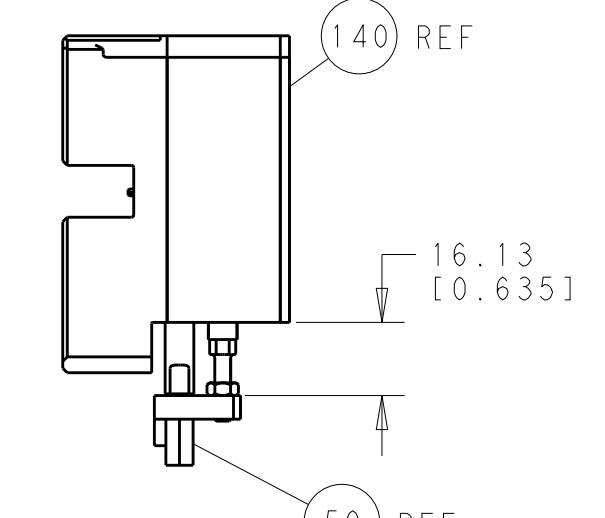
SERVO LATCH PLATE



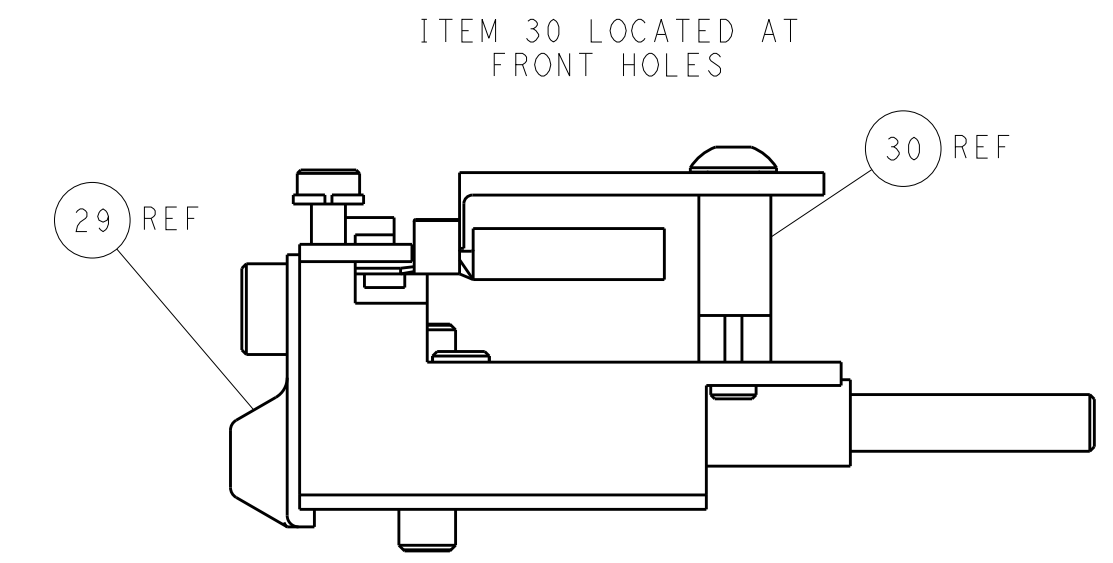
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



FEED TRACK POSITION
GUIDE BY WIRE BARREL

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

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN: HOFFNER 23MAY2012		CHK: T.ELBIN 24MAY2012		NAME: TE Connectivity Harrisburg, PA 17105-3608	
0 PLC ±.1		1 PLC ±.02		2 PLC ±.02		3 PLC ±.005		4 PLC ±.0005	
MATERIAL: -		FINISH: -		WEIGHT: -		SIZE: A1		CAGE CODE: 00779	
CUSTOMER ACCESSIBLE PRODUCTION DRAWING		SCALE: 1:1		SHEET: 4		OF: 4		REV: A	