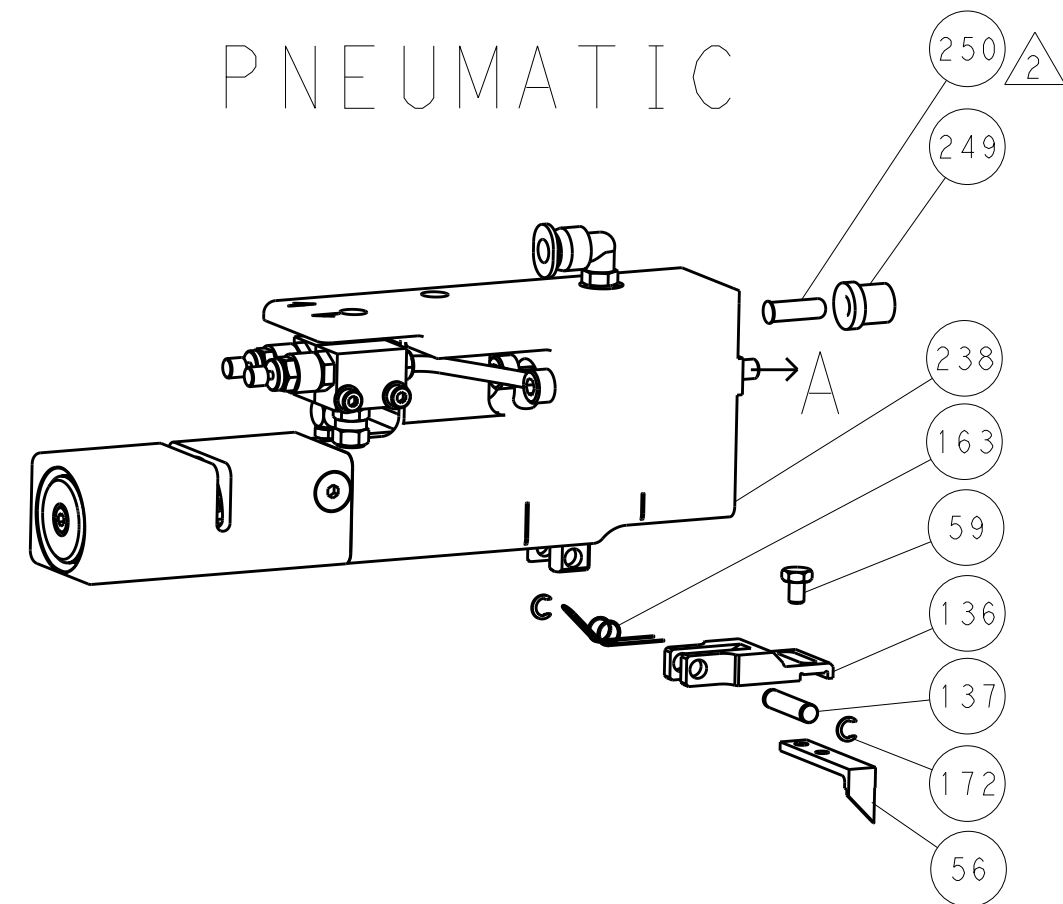
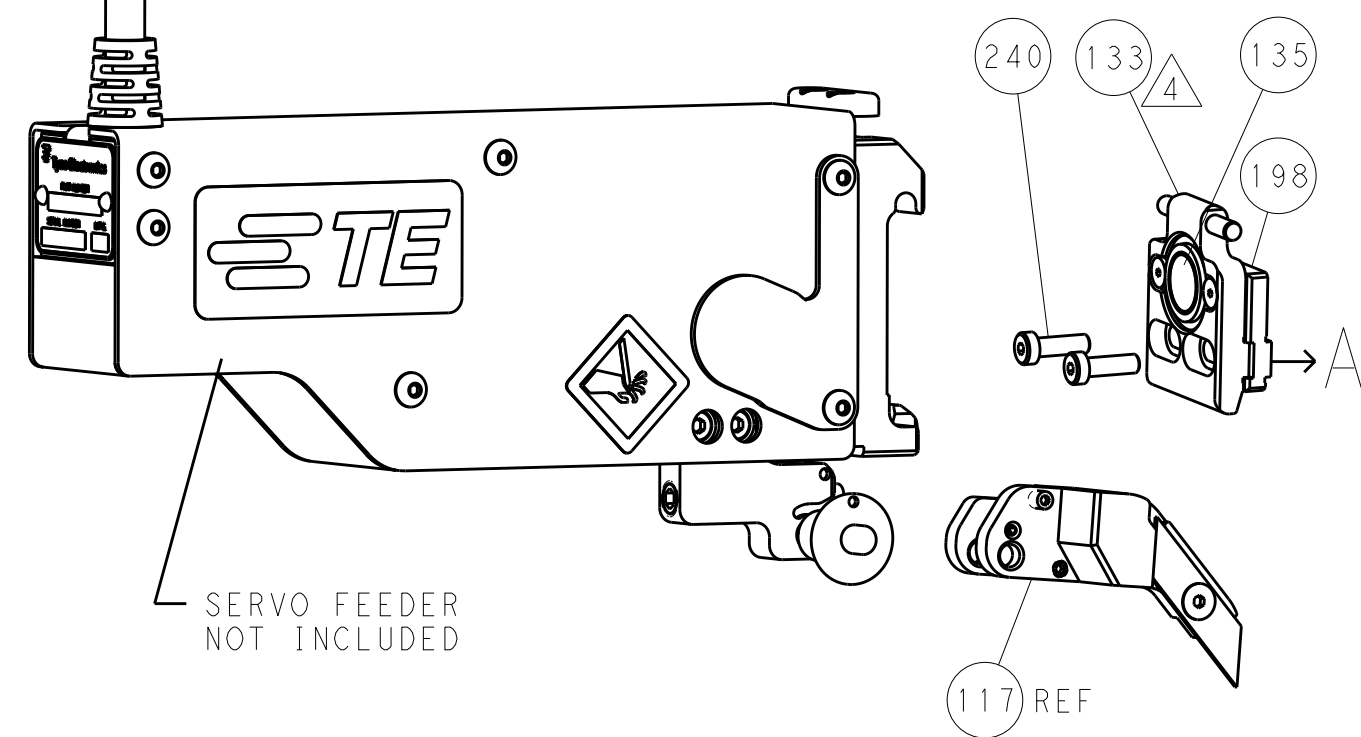
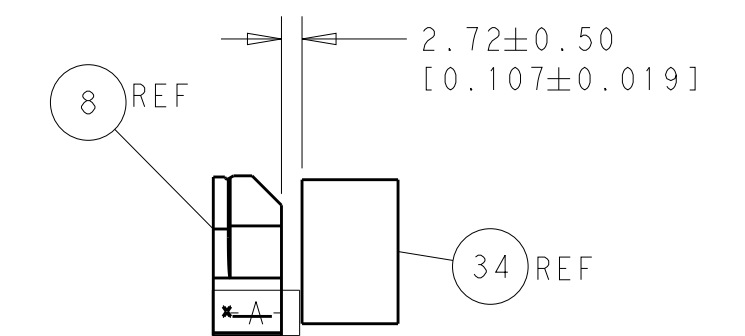
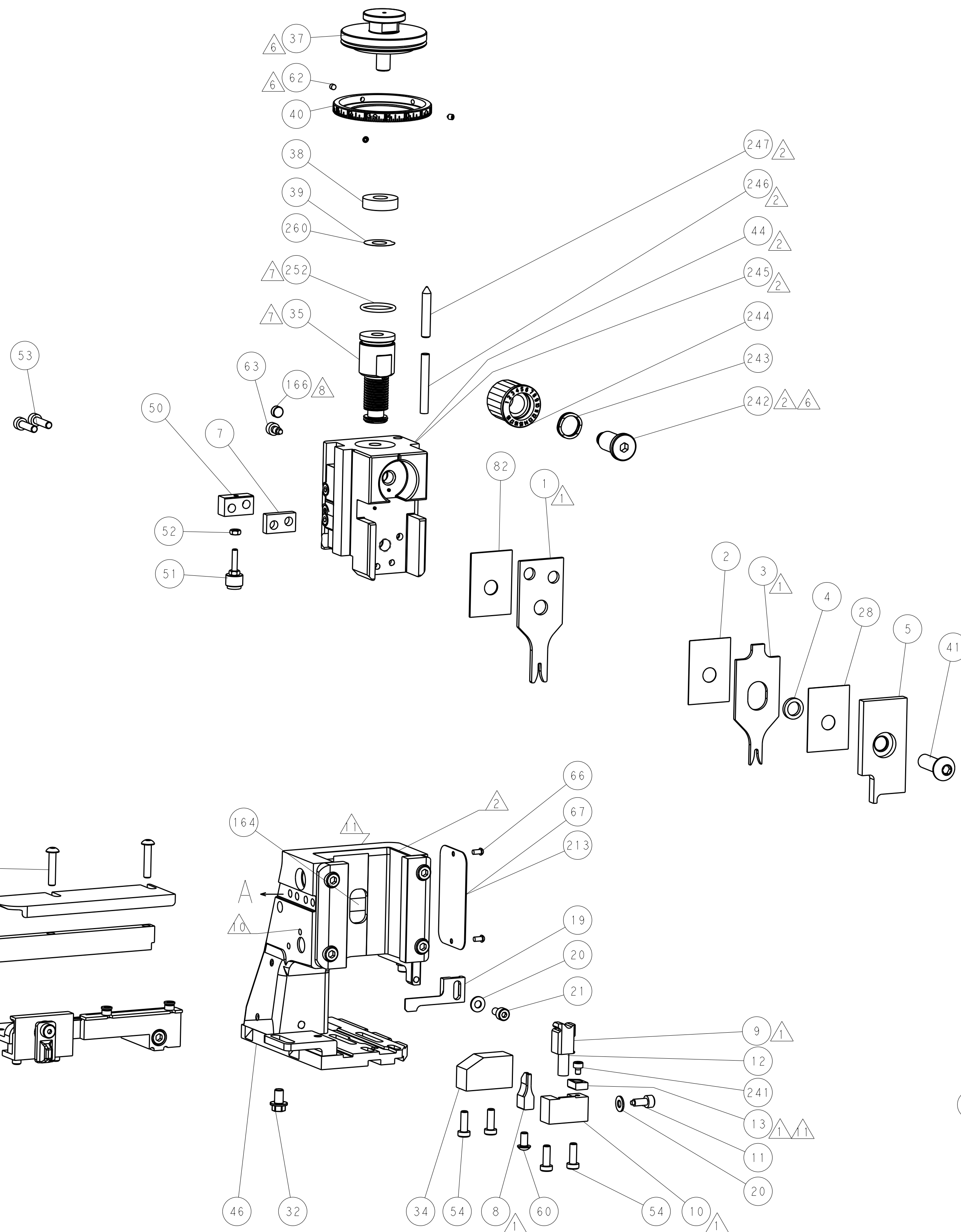
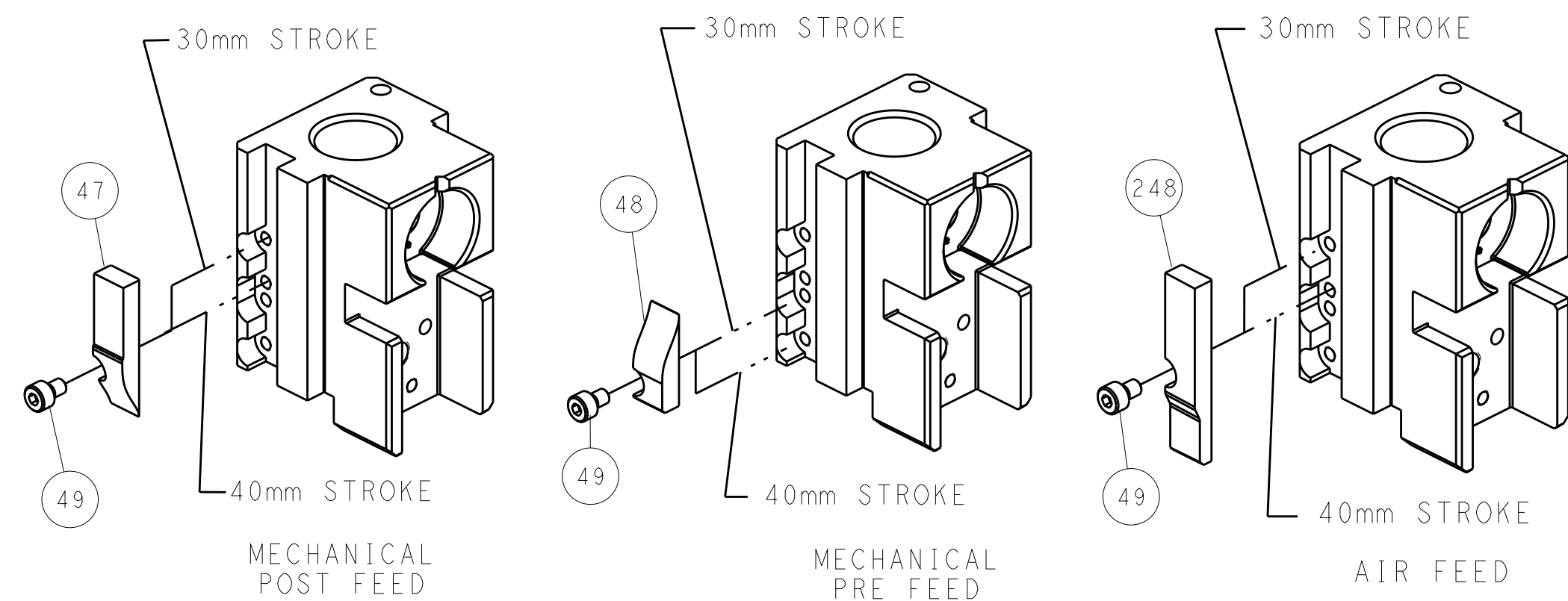


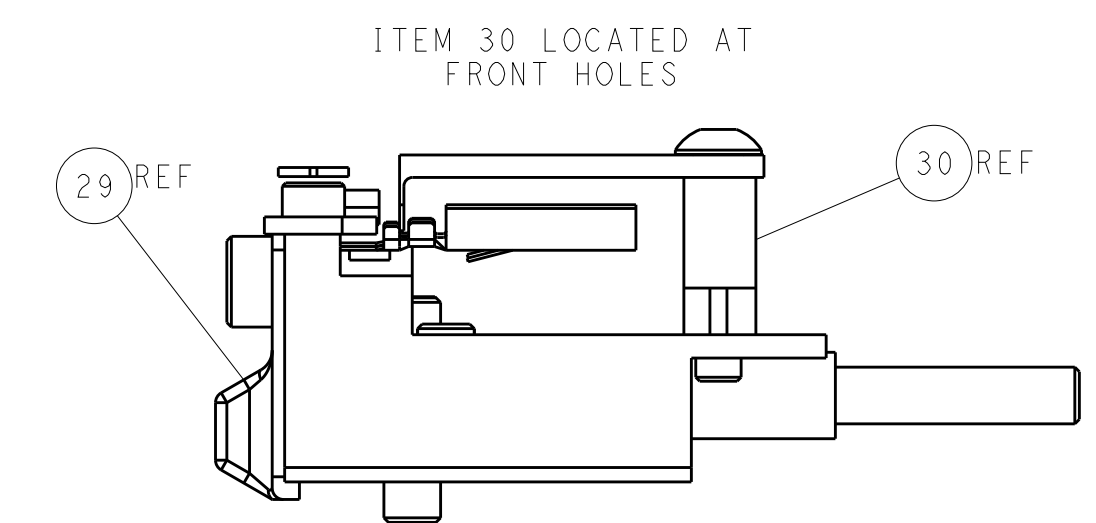
PNEUMATIC

SERVO
LATCH PLATE

CAM POSITIONS



TERMINAL SUPPORT LOCATION



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 - 12MAR2014			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		APVD - 12MAR2014		Ocean Side Feed Applicator	
		PRODUCT SPEC		SIZE	
		-		CAGE CODE	
		APPLICATION SPEC		DRAWING NO	
		-		A 00779 C=2266478	
MATERIAL		FINISH		RESTRICTED TO	
-		-		-	
Customer Accessible Production Drawing				SCALE 1:2 SHEET 2 of 4 REV A	

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

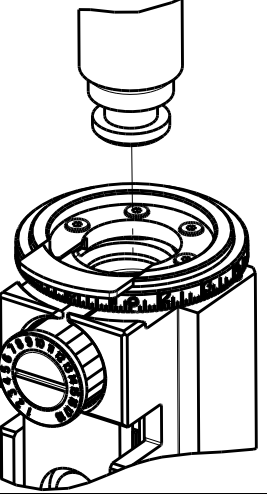
RELEASED FOR PUBLICATION

20

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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER



PART
NUMBER

2-2266478-1

REVISION

A

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

2119951-1

2161326-1

1338685-1

-

5-18022-5

8-2266478-5

2119641-2

1901094-3

2119799-1

-

2063440-1

2168400-6 (QUANTITY 2)

MECHANICAL FEED

2119949-1

SERVO LATCH PLATE

2119951-1

SMART APPLICATOR

2161326-1

MECHANICAL FEED

2119949-1

PNEUMATIC FEED

2119950-1

1338685-1

-

5-18022-5

8-2266478-5

2119653-2

1901094-3

-

-

-

-

-

-

2063440-1

2168400-6 (QUANTITY 2)

2-2266478-2

2-2266478-5

2-2266478-7

7-2266478-7

A

A

A

A

FINE CRIMP HEIGHT ADJUST

FINE CRIMP HEIGHT ADJUST

FINE CRIMP HEIGHT ADJUST

CRIMP TOOLING KIT

PNEUMATIC

SERVO LATCH PLATE

NONE

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

1.57 mm [.062]

F

INSUL

2.29 mm [.090]

O

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: TYPE F RECEPT CRIMP-ON/SNAP-IN FEMALE/MALE

WIRE STRIP LENGTH

3.20-4.00 mm [.126-.157 IN]

INSULATION DIAMETER RANGE

Ø0.80-1.78 mm [.031-.070 IN]

TERMINAL APPLICATION SPECIFICATION

114-18022

-

-

-

-

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

166460-2

166460-5

166478-1

166478-3

166460-3

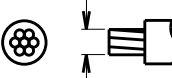
166460-7

166478-2

166478-6

166460-4

WIRE SIZE



CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING



0.50mm2

1.04+/-0.03 [.041+/-0.001]

6.4

0.40 OR 0.30 mm2

0.98+/-0.03 [.039+/-0.001]

7.1

0.20mm2

0.94+/-0.03 [.037+/-0.001]

7.5

0.12mm2

0.92+/-0.02 [.036+/-0.001]

7.8

RECOMMENDED SPARE PARTS

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: 8-2266478-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266478-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266478-5

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 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.

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.

APPLICATOR STYLE CONVERSION CHART

CONVERT TO

PART NUMBERS REQUIRED

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-2

2119799-1

2063440-1

SERVO LATCH PLATE

2119951-1

-

8-2266478-5

1901094-3

-

2168400-6 (QUANTITY 2)

SMART APPLICATOR

2161326-1

-

8-2266478-4

-

-

-

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

-

-

-

-

-

-

-

-

-

-

-

-

-

-

SET UP GAUGE

2119599-1

LOC

A

DIST

66

REVISIONS

P

LTR

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

2119082-5

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

7-18023-7

SCR, SKT HD CAP M3 X 4.0

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

-

-

-

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

-

-

REF

-

-

2119944-1

FEED FINGER ASSEMBLY,SF

117

-

1

1

1

1

455888-8

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, 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

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

-

-

1

1

1338685-1

PAWL, FEED

56

-

2

2

2

2

2168083-8

SCR, SKT HD CAP, RoHS, M4 X 16

53

-

1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

-

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

-

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

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

1752356-6

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

455888-3

SPACER, CRIMPER

28

-

1

1

1

1

1320928-2

STRIP GUIDE

24

-

1

1

1

1

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

-

2

2

2

2

1-18028-2

WASHER, FLAT, REG M4

20

-

1

1

1

1

2119533-3

STRIPPER, SIDE FEED

19

-

1

1

1

1

2119806-1

INSERT, SHEAR

13

-

1

1

1

1

3-22280-3

SPRING, COMPRESSION

12

-

1

1

1

1

1-356885-4

STOP, SHEAR

11

-

1

1

1

1

2119805-1

SHEAR HOLDER, FRONT

10

-

1

1

1

1

1803095-1

FLOATING SHEAR, FRONT

9

-

1

1

1

1

1

1

1

3-1333202-2

ANVIL, COMBINATION

8

-

1

1

1

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1

1

1

1-240641-0

SPACER

7

-

-

-

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-

-

-

-

-

-

6

-

1

1

1

1

2119757-8

DEPRESSOR, SHEAR

5

-

1

1

1

1

2-238011-2

BLOCK, CRIMPER SPACER

4

-

1

1

1

1

1

1

1

8-2119784-1

CRIMPER, INSULATION O PREMIUM

3

-

1

1

1

1

1

1

1

455888-3

SPACER, CRIMPER

2

-

1

1

1

1

1

1

1

6-456403-4

CRIMPER, WIRE PREMIUM

1

-77

-27

-25

-22

-21

PART NO

DESCRIPTION

ITEM NO

THE FOLLOWING IS A SUMMARY OF THE INFORMATION CONTAINED IN THIS DRAWING. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND WITHOUT LIABILITY TO THE ORGANIZATION OR INDIVIDUALS NAMED HEREIN. FOR THE LATEST REVISION, SEE THE REVISIONS SECTION OF THIS DRAWING.

DIMENSIONS:

mm

0 PLC

±.5

1 PLC

±0.5

2 PLC

±0.13

3 PLC

±0.013

4 PLC

±0.0001

ANGLES

±.1

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

±.5

1 PLC

±0.5

2 PLC

±0.13

3 PLC

±0.013

4 PLC

±0.0001

ANGLES

±.1

FINISH

-

OWN

26AUG2014

CHK

26AUG2014

APVD

26AUG2014

NAME

Ocean Side Feed Applicator

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

Customer Accessible Production Drawing

SCALE

1:2

SHEET

3

OF

4

REV

A

PACIFIC VERSION

Shown on sheets 3 of 4 & 4 of 4

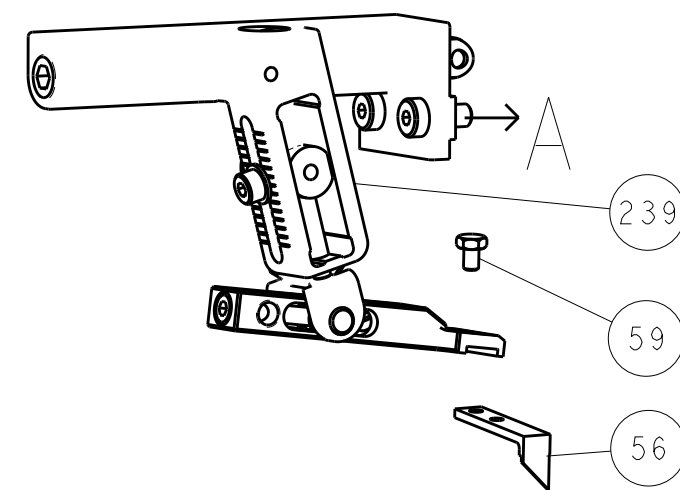
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

AMP 4805 REV 31MAR2000

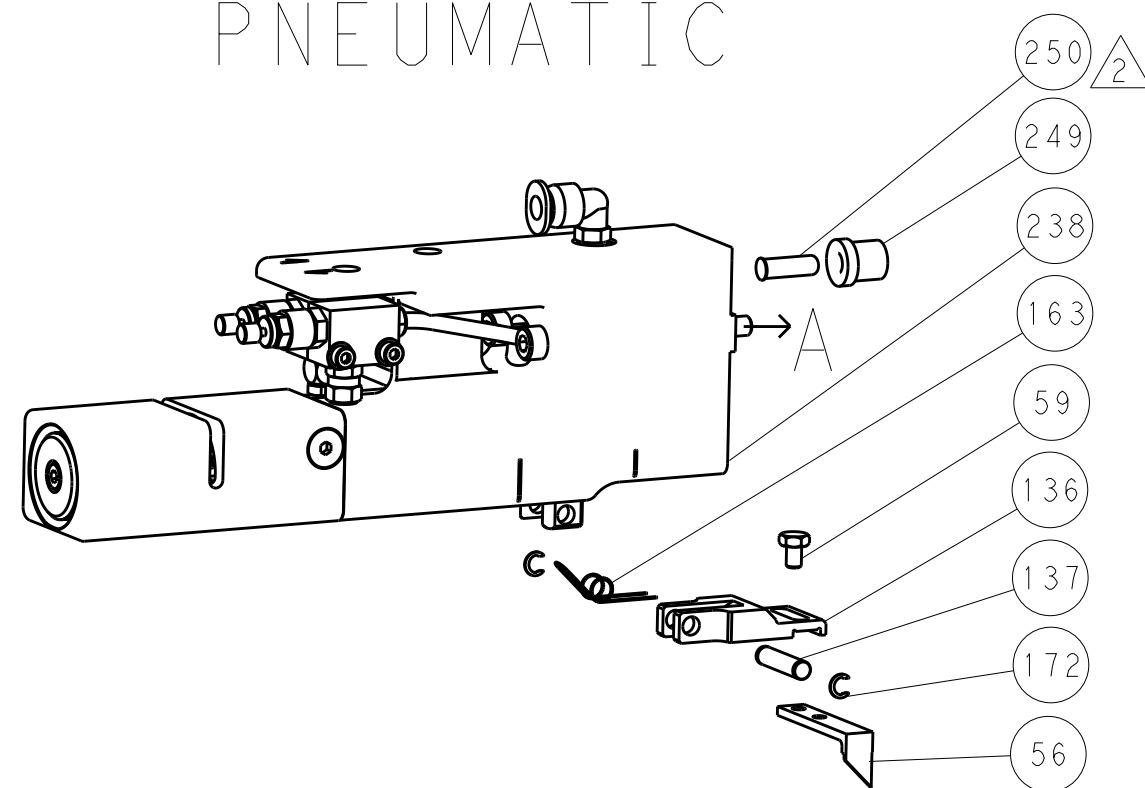
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

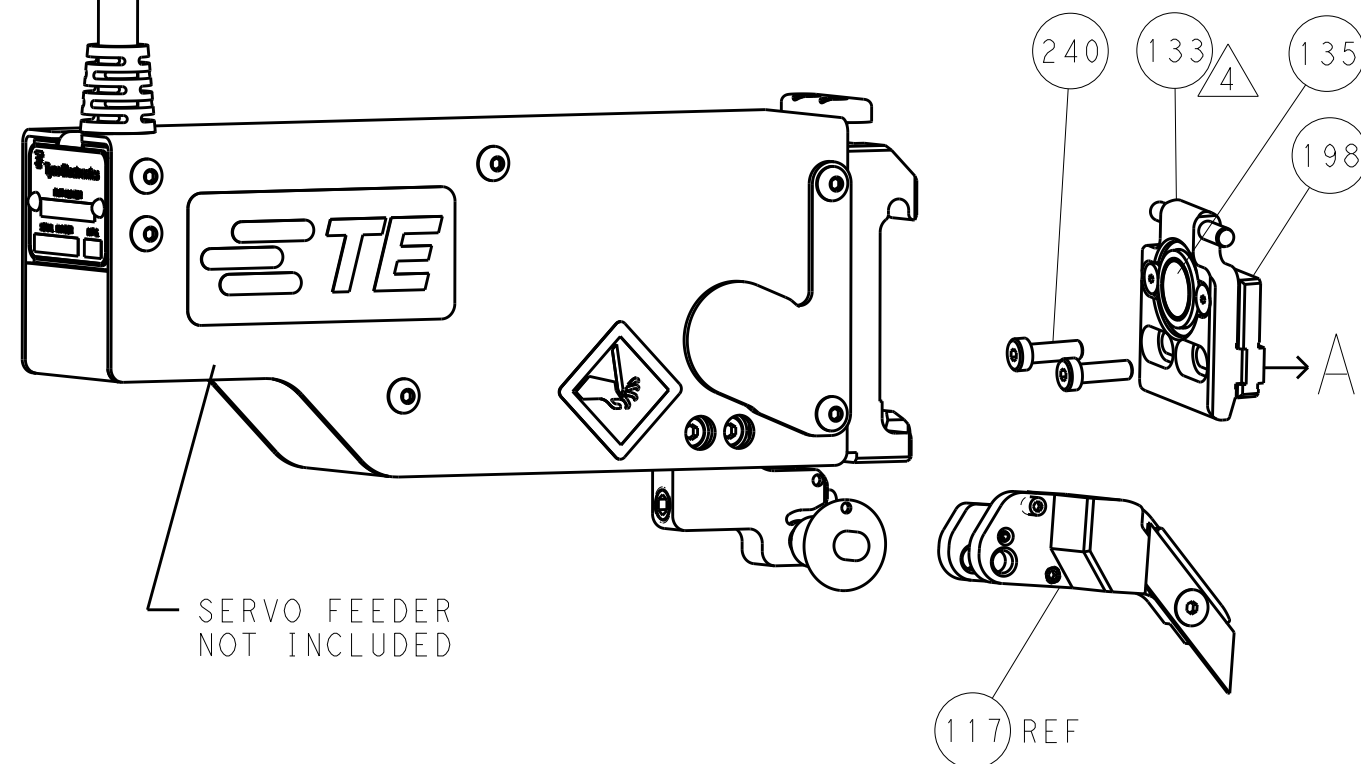
FEED TYPE MECHANICAL



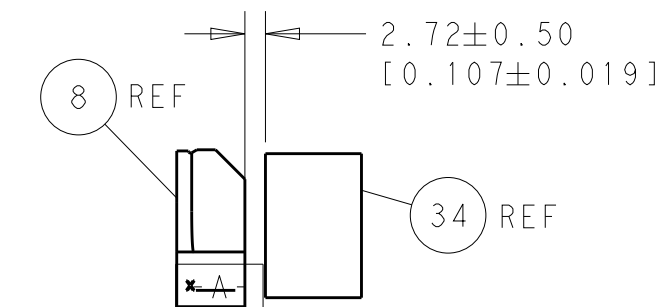
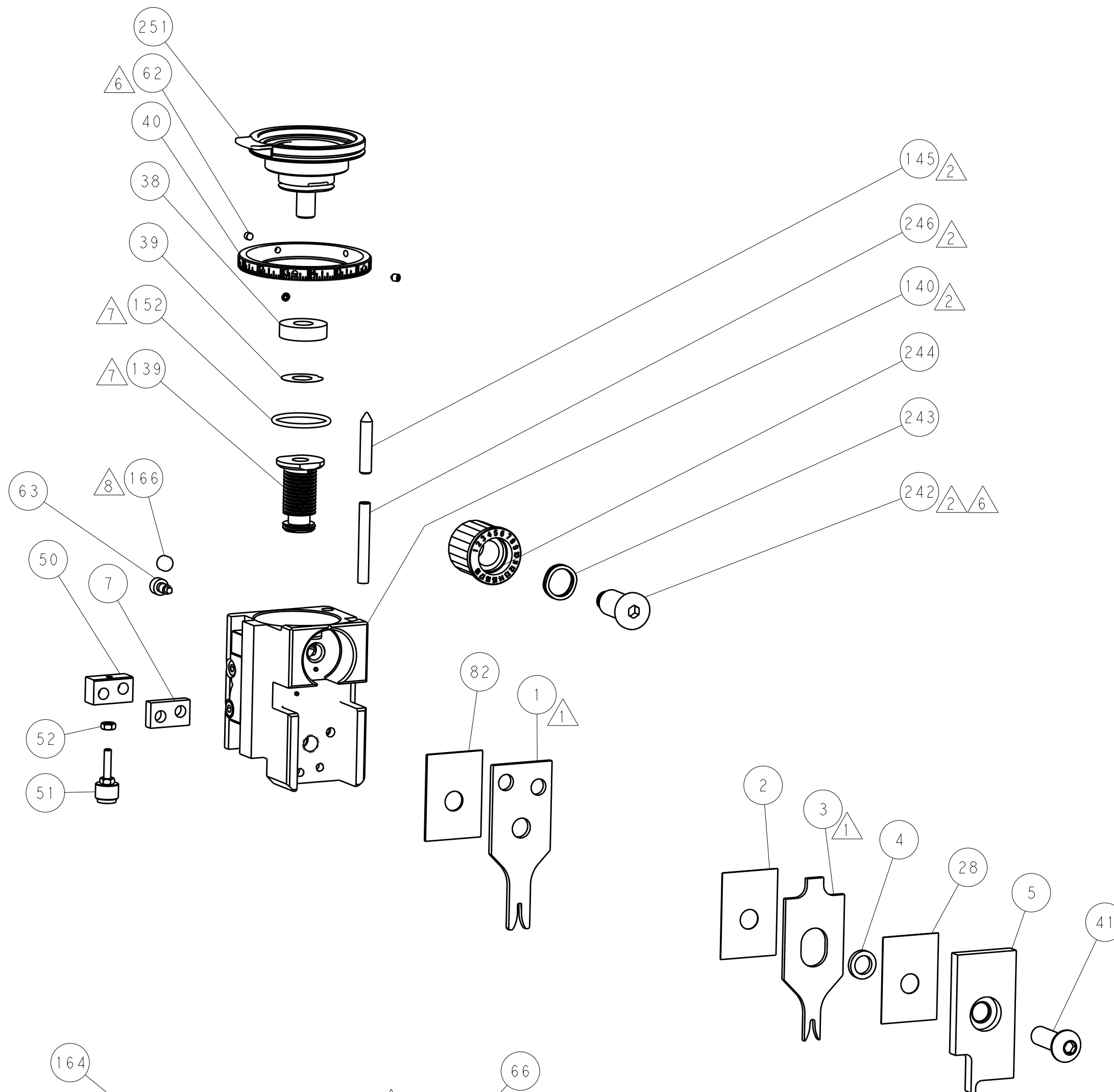
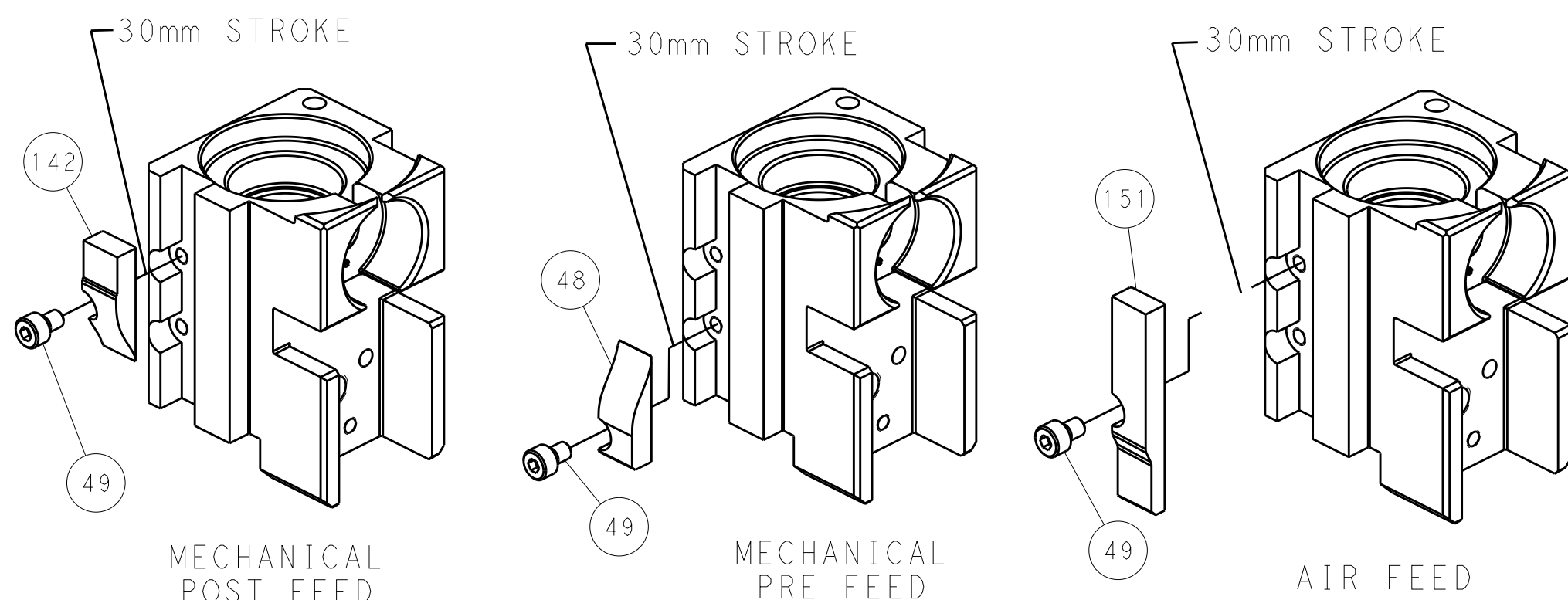
PNEUMATIC



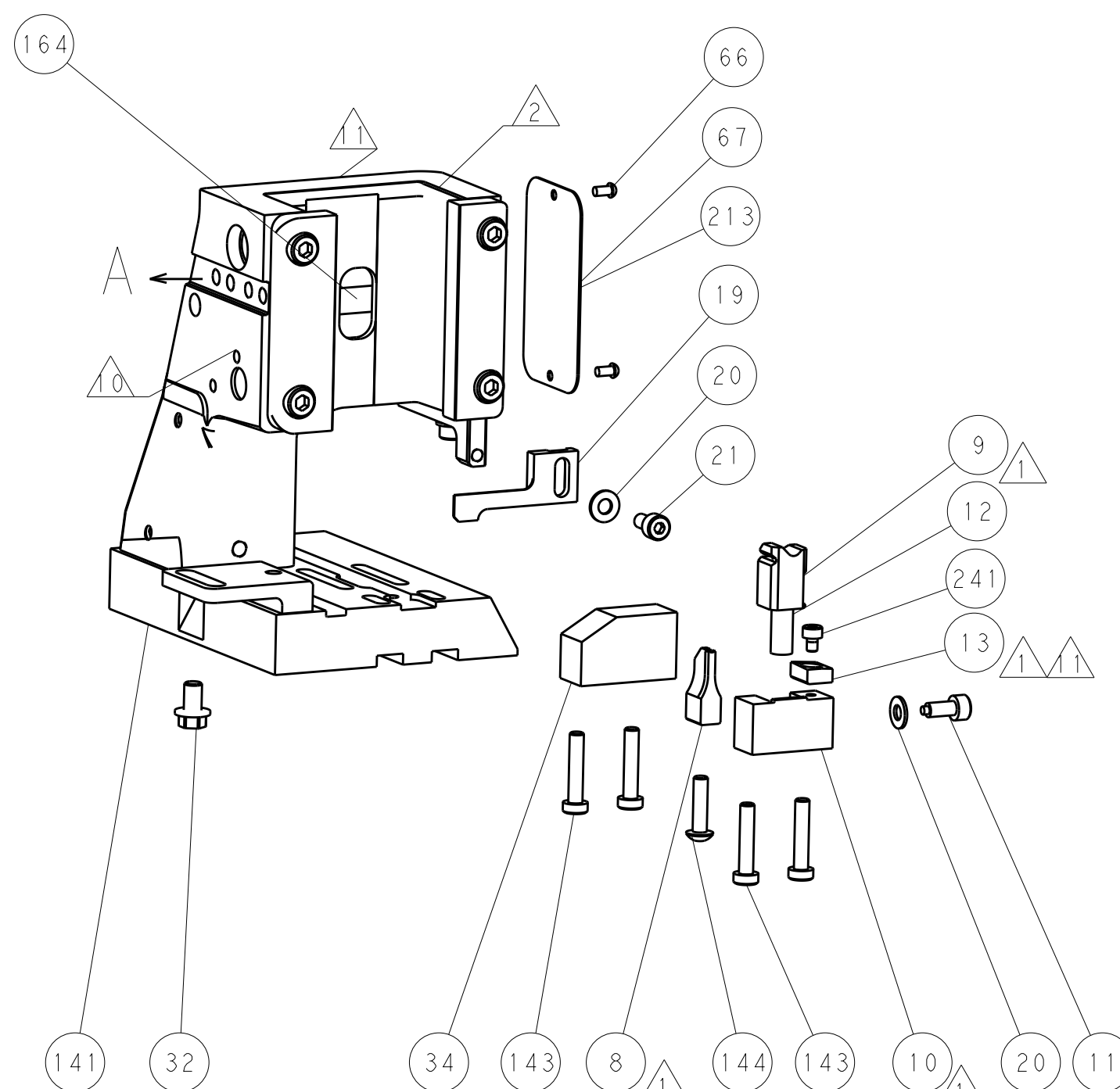
SERVO LATCH PLATE



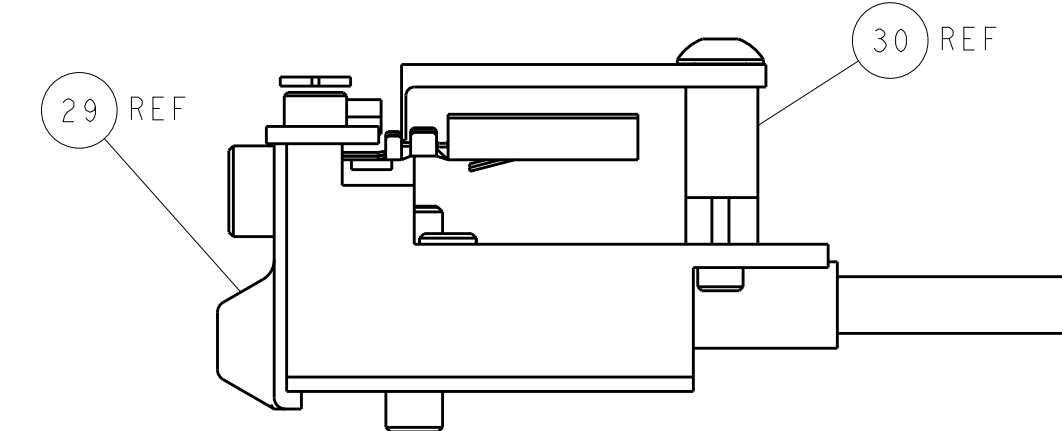
CAM POSITIONS



TERMINAL SUPPORT LOCATION



ITEM 30 LOCATED AT
FRONT HOLES



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		CKM		APVD		NAME	
mm		0 PLC ±0.5 1 PLC ±0.13 2 PLC ±0.013 3 PLC ±0.001 4 PLC ±0.001 ANGLES FINISH		X. ZHAO 26AUG2014		L. ZHANG 26AUG2014		T. ELBIN 26AUG2014		Ocean Side Feed Applicator	
MATERIAL		-		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		SIZE	
-		-		-		-		-		00779	
-		-		Customer Accessible Production Drawing		SCALE		1:2		SHEET 4 OF 4	
-		-		-		-		-		REV A	

Mouser Electronics

Authorized Distributor

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[2266478-1](#)