

8

7

6

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4

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2

1

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RELEASED FOR PUBLICATION

2016

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

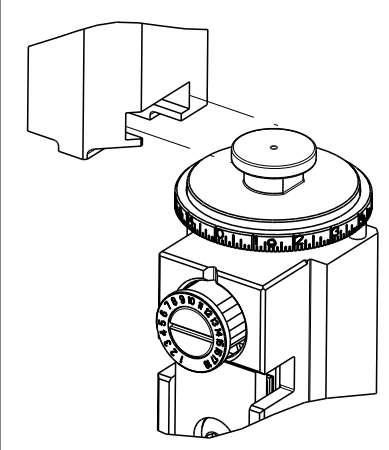
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2836184-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2836184-5

8-2836184-4

2119641-1

1901094-3

-

2119799-1

-

-

2063440-1

2168400-6 (QUANTITY 2)

-

2836184-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2836184-5

8-2836184-4

2119653-1

1901094-3

-

-

-

-

-

-

-

-

2168400-6 (QUANTITY 2)

-

2836184-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2119950-1

1338685-1

1338685-1

5-18022-5

5-18022-5

2119653-1

2119641-1

-

2119799-1

-

2063440-1

2836184-6

A

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴¹²

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2836184-7

A

FINE CRIMP HEIGHT ADJUST

NONE

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7-2836184-7

A

CRIMP TOOLING KIT

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APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.03 mm [.080]

F

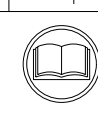
INSUL

2.74 mm [.108]

F

APPLICATOR INSTRUCTIONS

408-10389



TERMINAL DATA: SUMITOMO TERMINAL

SUMITOMO CRIMP SPECIFICATION

TERMINAL NAME: US150 UNSEALED FEMALE TERMINAL

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.50-5.50 mm [.177-.217 IN]

Ø2.00-2.20 mm [.079-.087 IN]

TERMINAL APPLICATION SPECIFICATION

US150 UNSEALED TERMINAL Rev 08.06.12

-

-

-

TERMINALS APPLIED

TE TERMINAL

SUMITOMO TERMINAL

TE TERMINAL

SUMITOMO TERMINAL

1949950-1

8240-0128

1949950-3

8240-0126

1949950-2

8240-0124

1949950-4

8240-0130

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

1.00mm2

1.35+/-0.05 [.053+/-0.002]

6.4

0.80mm2

1.30+/-0.05 [.051+/-0.002]

7.0



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: 8-2836184-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2836184-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2836184-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2836184-6

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

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 A NON CRIMP HEIGHT ADJUST APPLICATOR (-6) USE SHIMS FROM ITEM 260 TO ACHIEVE A NOMINAL SHIM HEIGHT OF 4.45.

-

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1

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2119957-2

APPLICATOR SHIM PACK

260

-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

LYR

DESCRIPTION

DATE

OWN

APVD

A

RELEASED

23MAY2016

BW

TE

-

1

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1

1

1

8-21084-0

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

252

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-

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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

-

1

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

-

1

-

-

-

2119758-1

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

245

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1

1

1

1

1

2119082-5

CAM, SNAIL, INSULATION ADJUSTMENT

244

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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

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-

-

-

-

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

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1

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240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

-

3-23627-7

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

137

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-

-

-

1

-

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

-

-

REF

REF

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2119944-1

FEED FINGER ASSEMBLY, SF

117

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1

1

1

1

1

455888-4

SPACER, CRIMPER

82

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1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

1

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1

1

2119740-1

TAG, IDENTIFICATION

67

-

2

2

2

2

2

2168078-1

SCREW, DRIVE, RH, RoHS, 2 x .188

66

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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

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1

1

1

1

1

2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

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-

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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

2168083-8

SCR, SKT HD CAP, RoHS, M4 X 16

53

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1

1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

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1

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

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1

1

1

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1

690753-2

SPACER, TONKER

50

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-

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-

1

2

18023-9

SCR, SKT HD CAP M4 X 6.0

49

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-

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1

2119652-1

FEED CAM, PRE FEED

48

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-

1

2119653-1

FEED CAM, POST FEED

47

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1

1

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2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

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1

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1

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1

2119370-1

RAM, AMP STYLE, SIDE FEED

44

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1

1

1

1

1

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

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1

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1

1

1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

-

1

-

1

1

1

2119957-1

APPLICATOR SHIM PACK

39

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1

1

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1

1

2119644-1

RAM WASHER, PRECISION

38

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1

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2119085-1

FA HEAD, ATLANTIC STYLE

37

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2119092-1

BOLT, ADJUSTMENT

35

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1

1

1

1

1

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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1

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1

1

1

2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

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1

1

1

1

1

1320908-1

SPACER, STRIP GUIDE

30

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1

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2119959-1

ASSEMBLY, STRIP GUIDE

29

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1-455888-0

SPACER, CRIMPER

28

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1

1

1

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1

1320928-1

STRIP GUIDE

24

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2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

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2

2

2

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2

1-18028-2

WASHER, FLAT, REG M4

20

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1

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2119533-1

STRIPPER, SIDE FEED

19

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1

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1

2119806-1

INSERT, SHEAR

13

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1

1

1

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1

3-22280-3

SPRING, COMPRESSION

12

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1

1

1

1

1

1-356885-5

STOP, SHEAR

11

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1

1

1

1

1

2119805-1

SHEAR HOLDER, FRONT

10

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1

1

1

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1

1803095-1

FLOATING SHEAR, FRONT

9

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1

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1

2-1803252-2

ANVIL, COMBINATION

8

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1-240641-8

SPACER

7

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6

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1

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1

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1

2119757-4

DEPRESSOR, SHEAR

5

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1

1

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1

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2-238011-2

BLOCK, CRIMPER SPACER

4

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1

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9-1803016-4

CRIMPER, INSULATION F

3

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1

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1-455888-0

SPACER, CRIMPER

2

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1

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1

1-456405-3

CRIMPER, WIRE PREMIUM

1

-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)

11

IS SUBJECT TO CHANGE AND TO BE CONFIRMED BY THE CUSTOMER PRIOR TO PRODUCTION. TOLERANCES UNLESS OTHERWISE SPECIFIED:

OWN

25JAN2016

CHK

25JAN2016

APVD

25JAN2016

PRODUCT SPEC

APPLICATION SPEC

MATERIAL

FINISH

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

±

±

±

±

±

±

TE Connectivity

Harrisburg, PA 17105-3608

NAME

Ocean Side Feed Applicator

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

00779

©=2836184

-

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

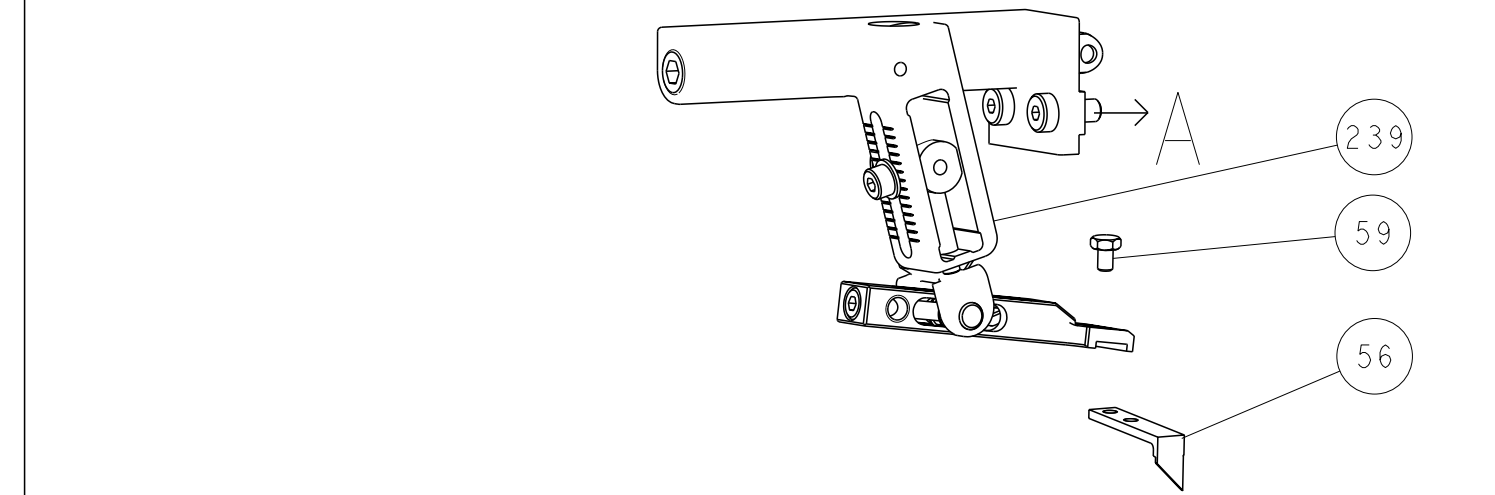
REV

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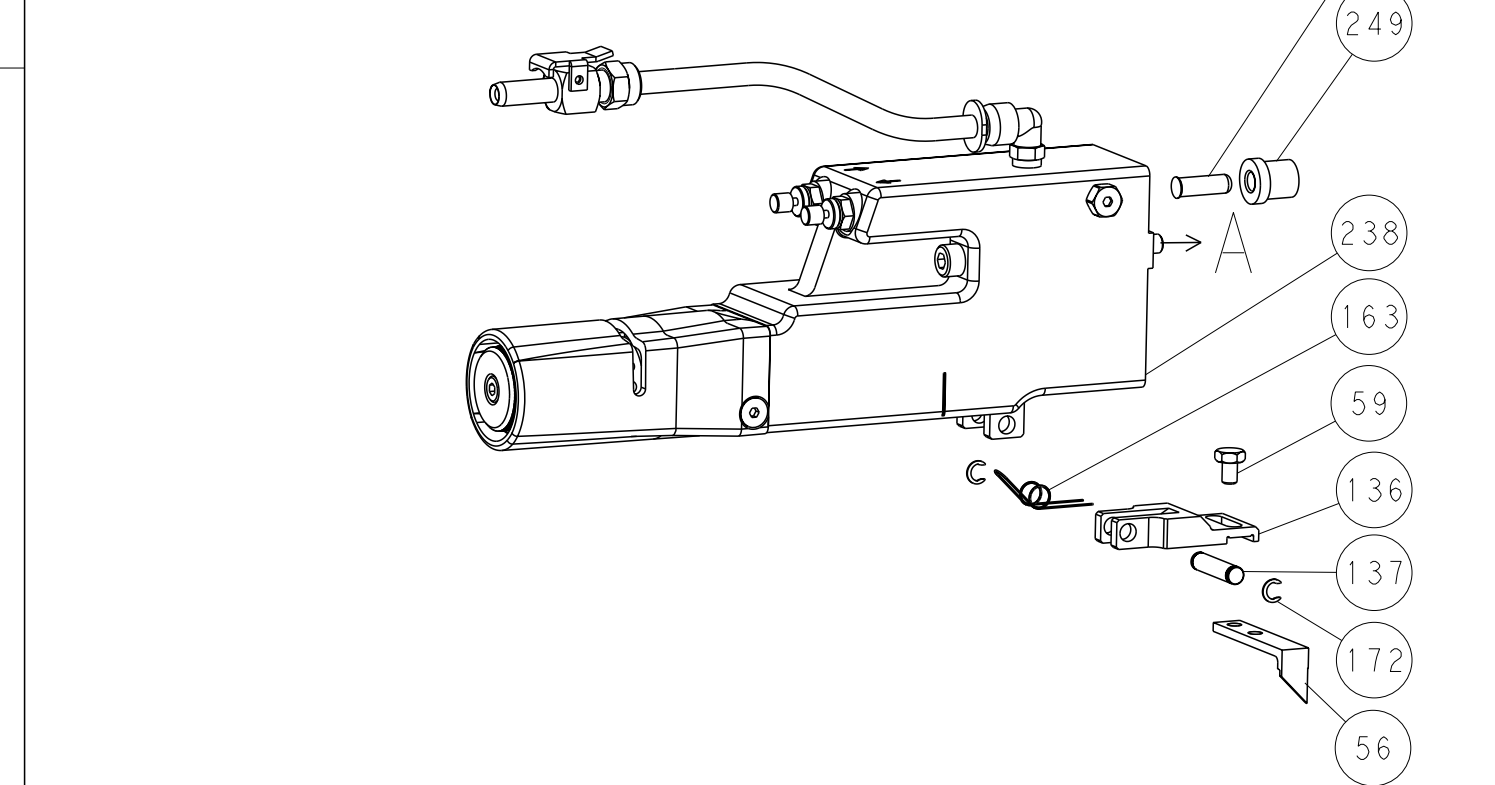
AMP 4805 REV 31MAR2000

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

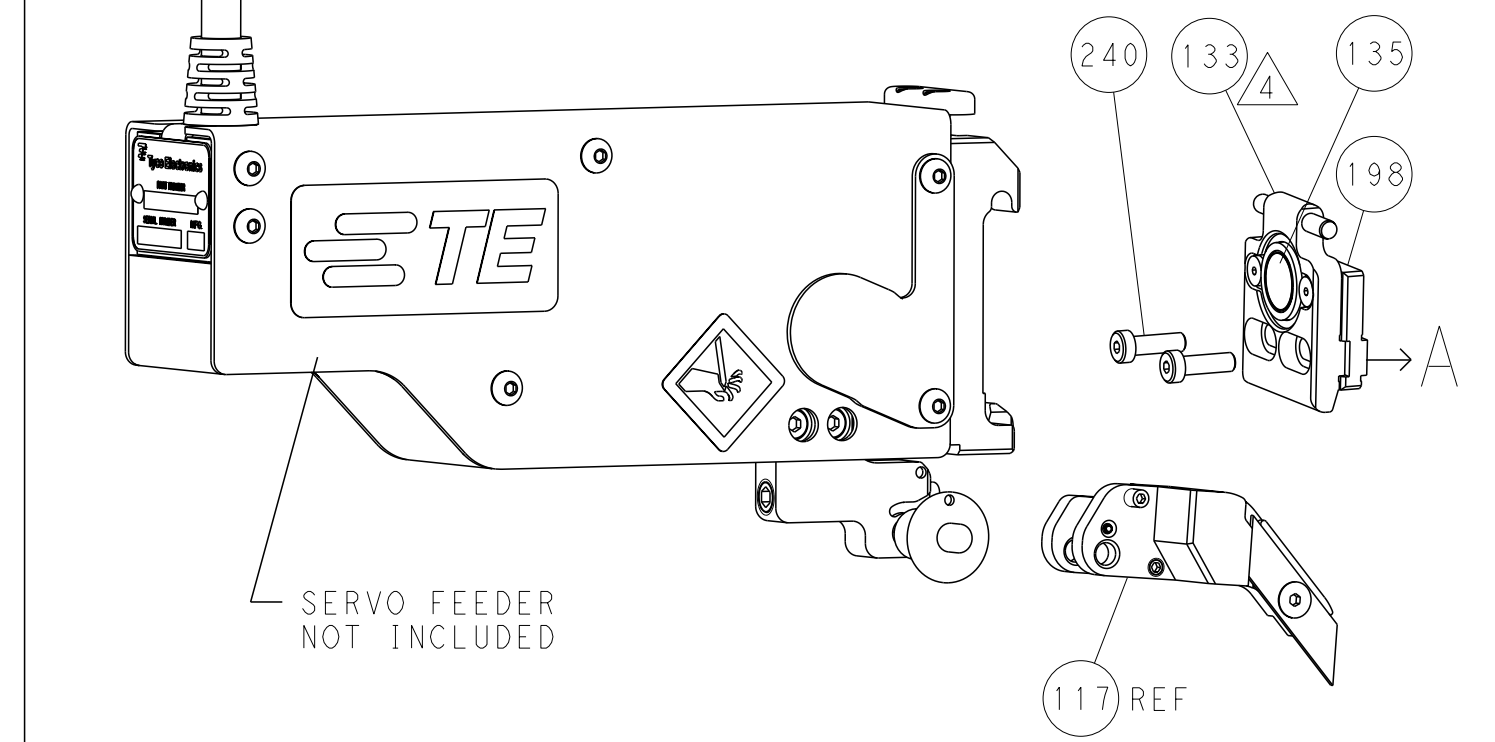
FEED TYPE
MECHANICAL



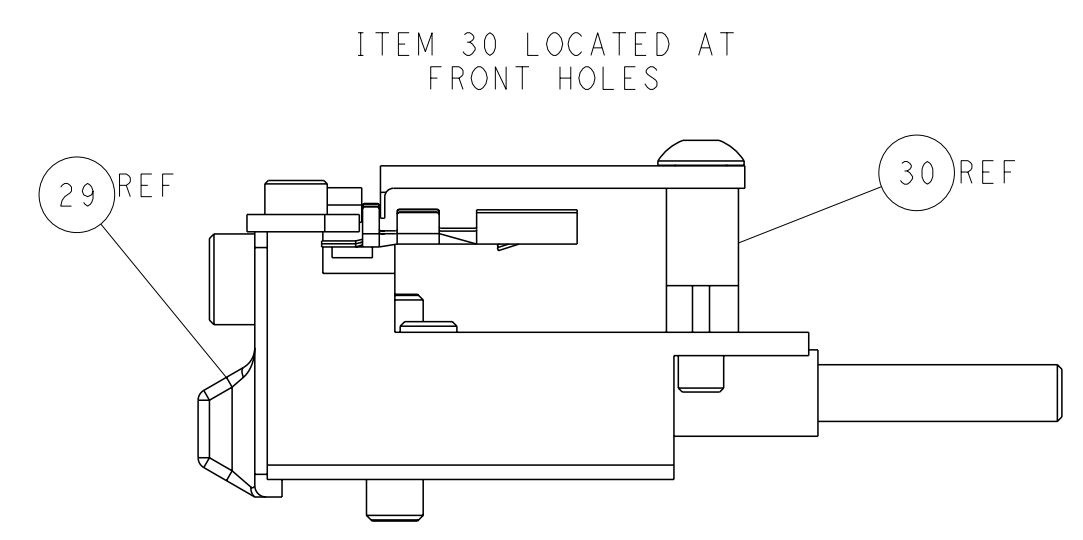
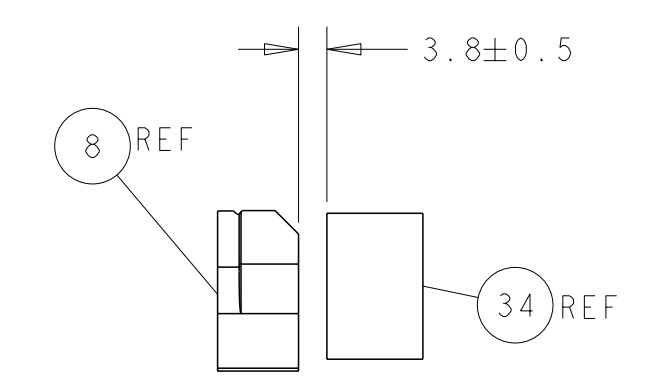
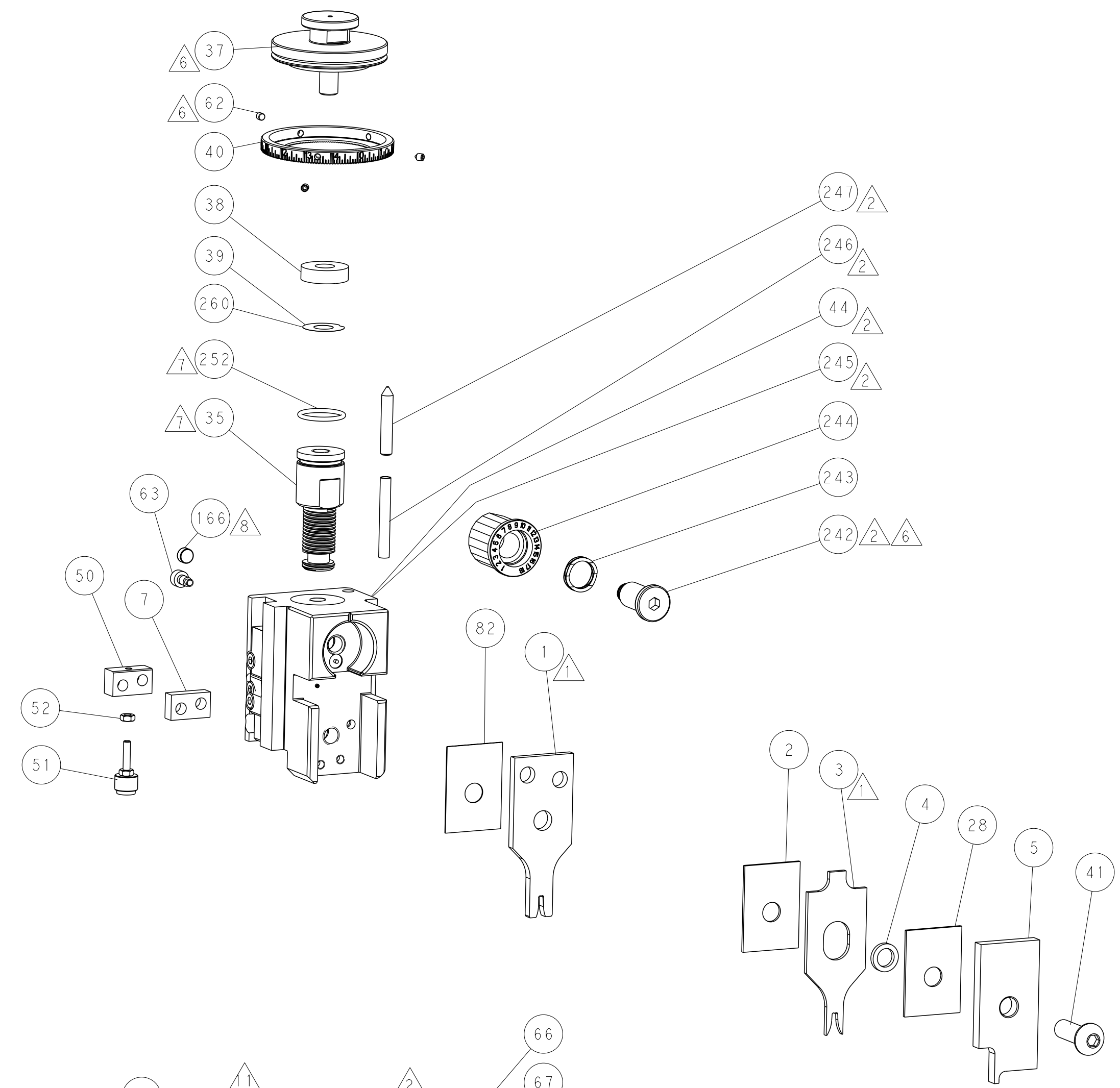
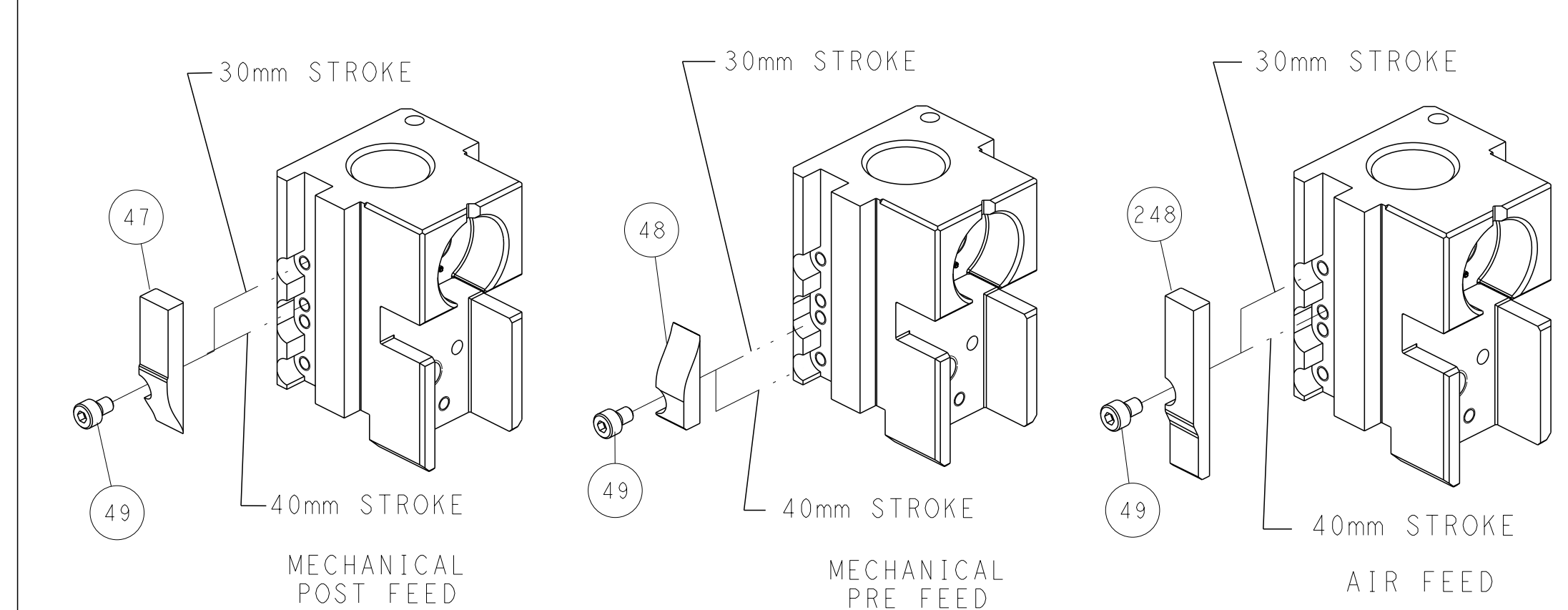
PNEUMATIC



SERVO
LATCH PLATE



CAM POSITIONS

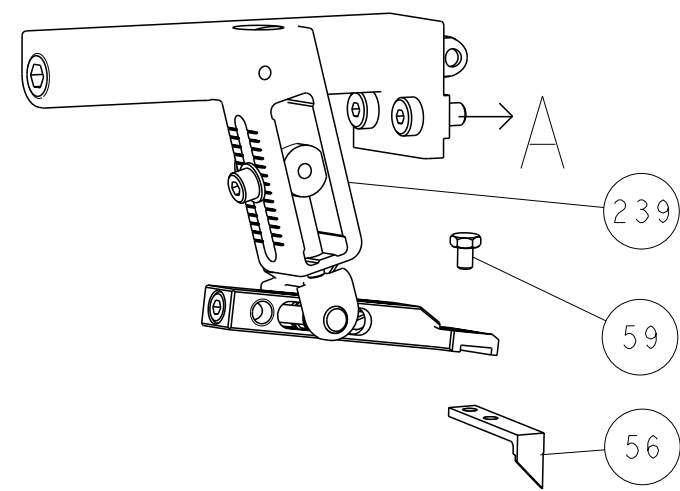


FEED TRACK POSITION
GUIDE BY INSULATION BARREL

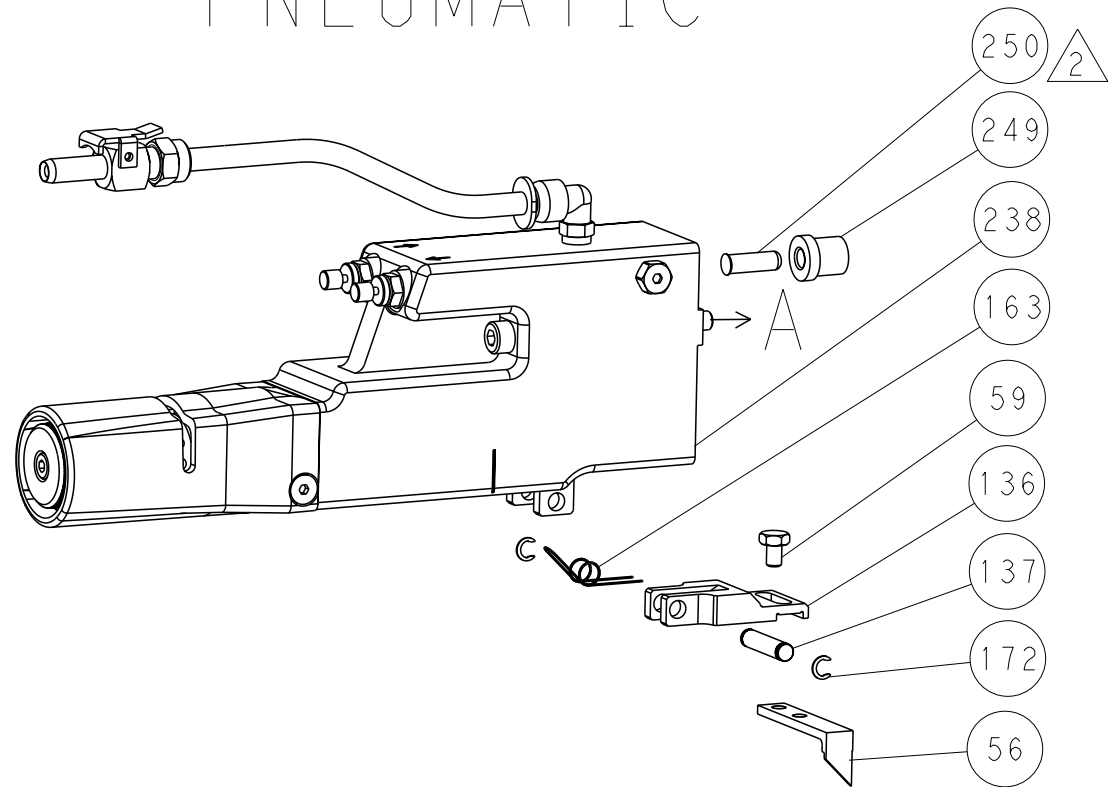
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

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DIMENSIONS:		CHK T. ELBIN	25JAN2016								
mm		APVD T. ELBIN	25JAN2016								
		NAME									
		PRODUCT SPEC		Ocean Side Feed Applicator -							
		APPLICATION SPEC									
		WEIGHT		-							
		Customer Accessible Production Drawing		SCALE 1:2 SHEET 2 of 4 REV A							
MATERIAL				SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
-				A		00779		C=2836184		-	

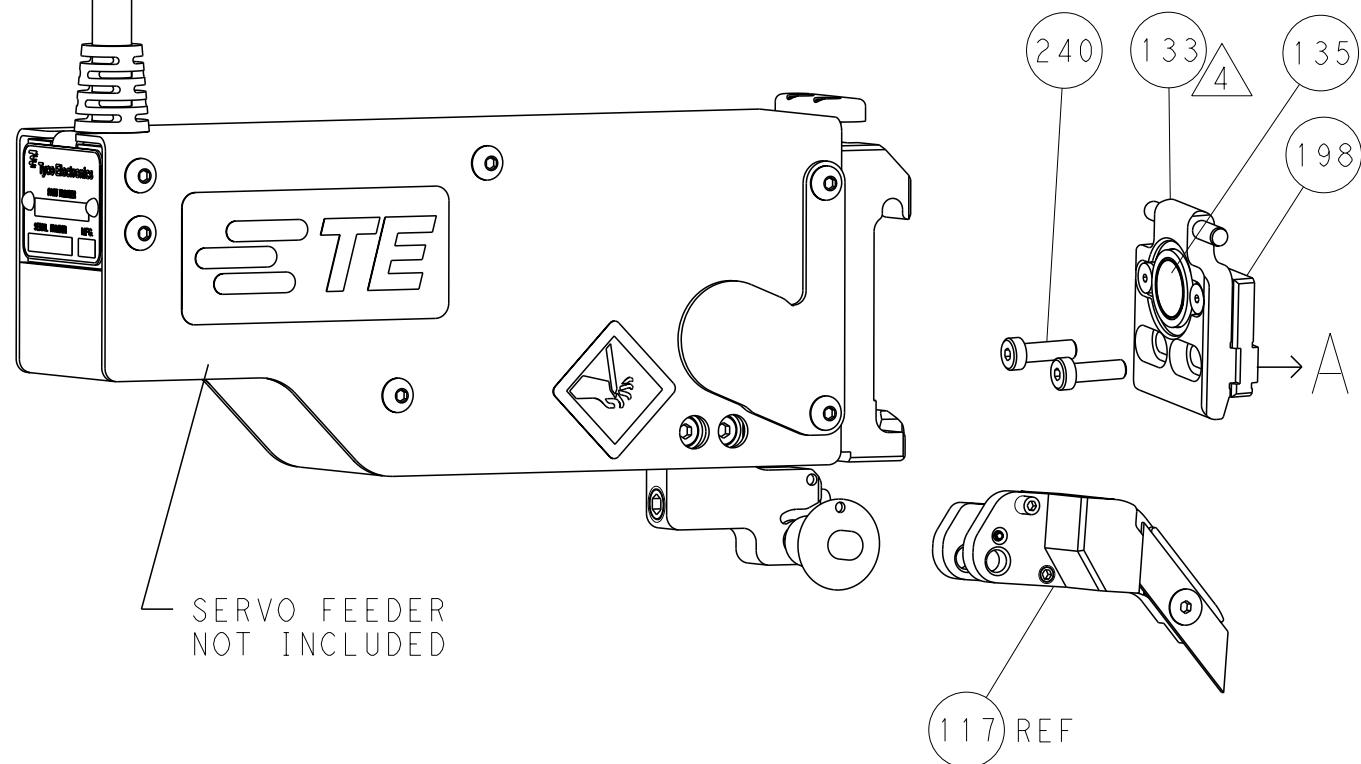
FEED TYPE
MECHANICAL



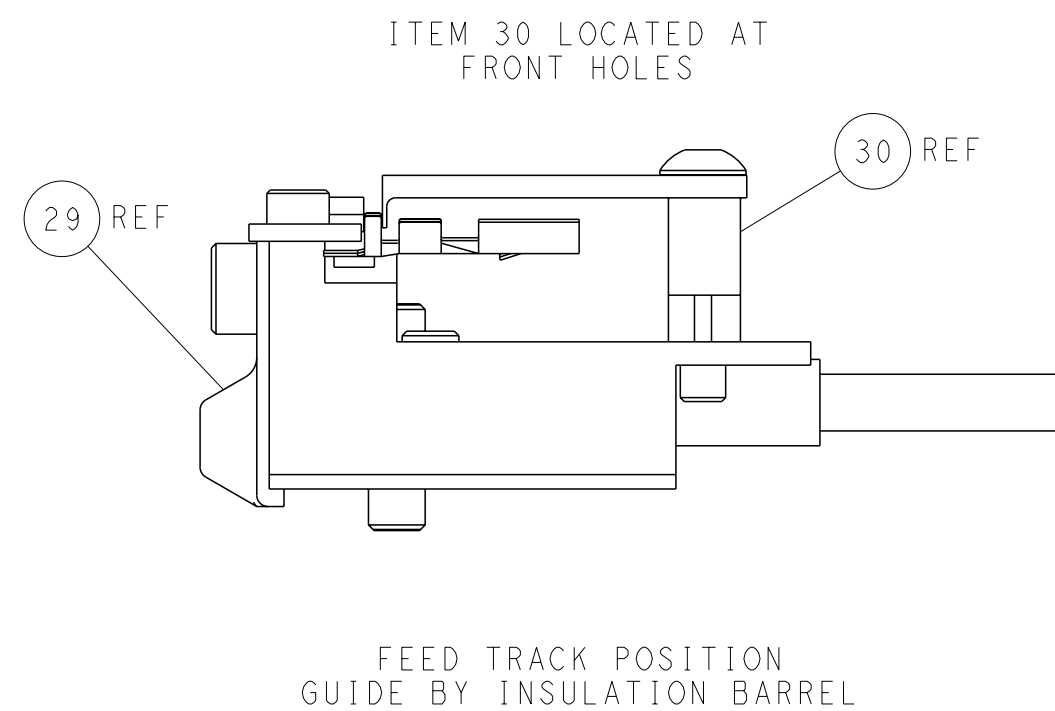
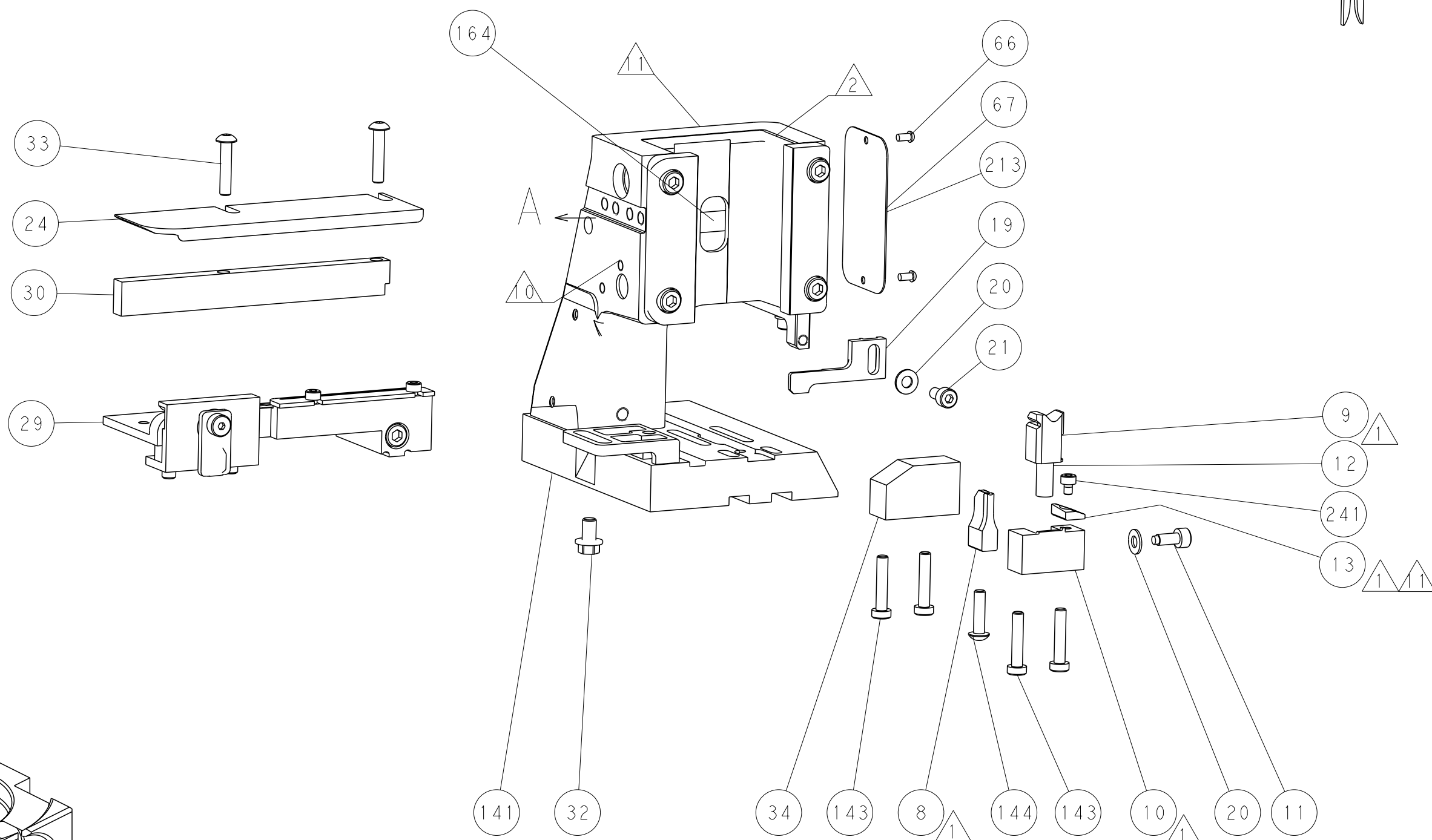
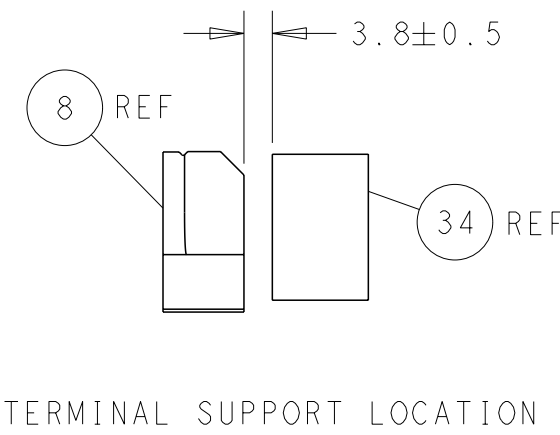
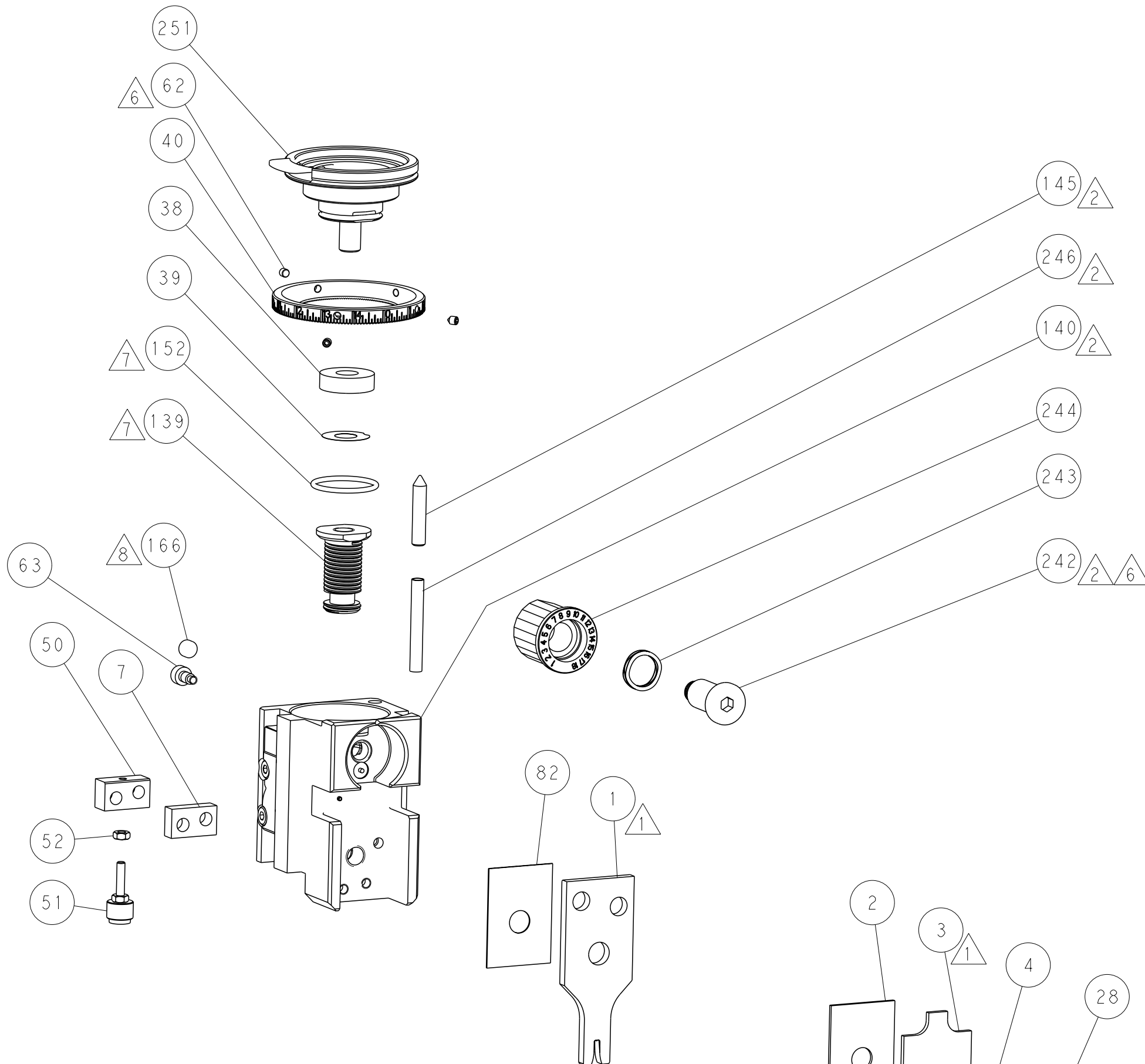
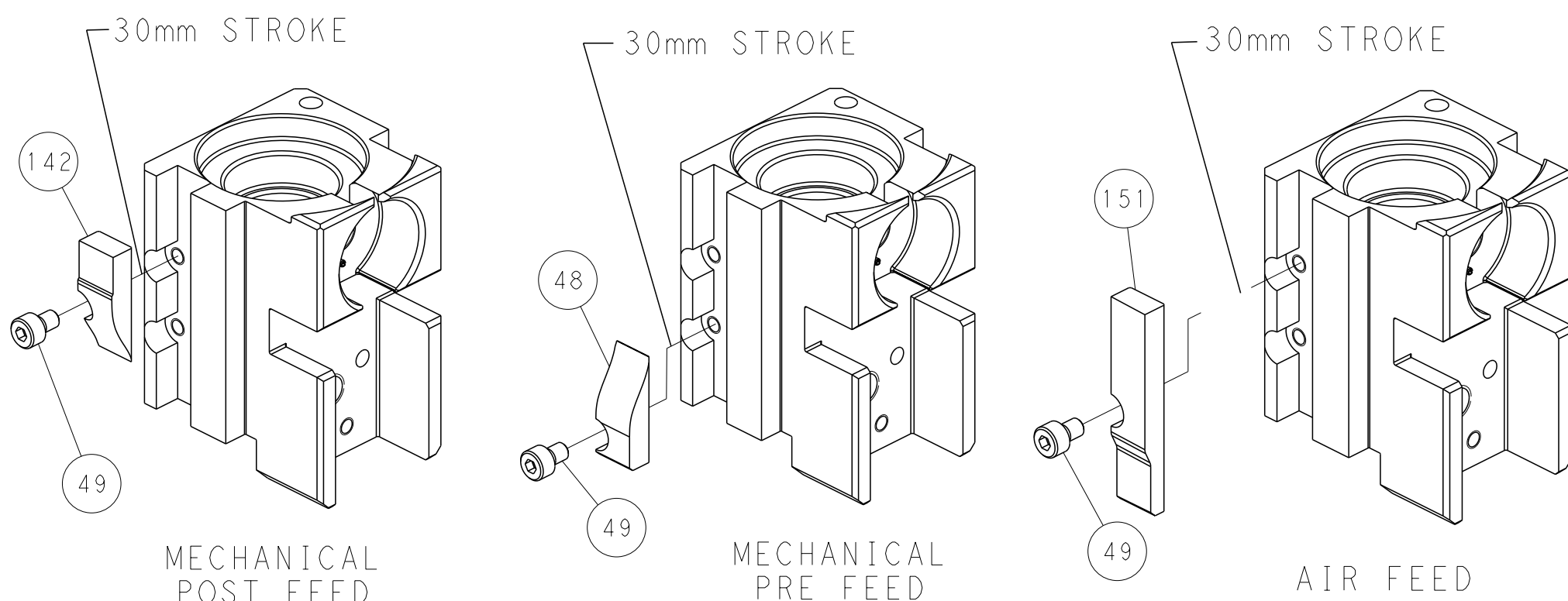
PNEUMATIC



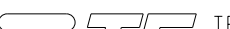
SERVO
LATCH PLATE



CAM POSITIONS



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

THIS DRAWING IS A CONTROLLED DOCUMENT FOR INDUSTRIAL PRODUCTION PURPOSES ONLY. IT SHOULD BE CONTROLLED FOR THE LATEST VERSION.				DWN B. WEAVER 25JAN2016		 TE Connectivity Harrisburg, PA 17105-3608	
				CHK T. ELBIN 25JAN2016			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T. ELBIN 25JAN2016		NAME	
mm				PRODUCT SPEC		Ocean Side Feed Applicator	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2836184-1](#)