

8

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2011

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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

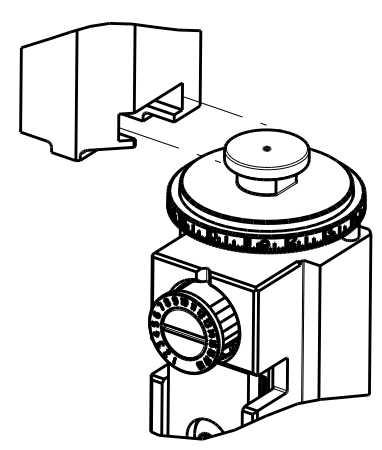
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151188-1

C

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

2151188-2

C

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

1338685-1

5-18022-5

2119653-1

-

-

2151188-5

C

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

1338685-1

5-18022-5

2119653-1

-

2119799-1

2063440-1

2151188-6

C

NON-CRIMP HEIGHT ADJUST

⁴SERVO
LATCH PLATE¹²

-

-

-

-

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-

2151188-7

C

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

7-2151188-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

1.78 mm [.070]

F

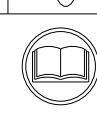
INSUL

2.29 mm [.090]

O

APPLICATOR INSTRUCTIONS

408-10389



TERMINAL DATA: TE TERMINAL

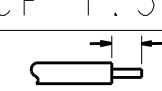
TE CRIMP SPECIFICATION

TERMINAL NAME: AMP MCP 1.5K FLAT TYPE RECEPTACLE

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

3.70-4.30mm [.146-.169 IN]



Ø1.40-2.10 mm [.055-.083 IN]

TERMINAL APPLICATION SPECIFICATION

114-18386

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

1241374-1

1241374-2

1241374-3

1418408-1

WIRE SIZE





CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING



1.00mm2

1.26+/-0.05 [.050+/- .002]

4.2

0.75mm2

1.15+/-0.05 [.045+/- .002]

5.3

0.50mm2

1.04+/-0.05 [.041+/- .002]

6.5



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: 8-2151188-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151188-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151188-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151188-6

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

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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

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-

-

-

1

-

2079988-1

BUSHING, LCH5-12, MISUMI

249

-

-

-

-

-

-

2119641-1

FEED CAM, AIR FEED

248

-

1

-

1

1

1

2119798-1

DETENT PIN

247

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

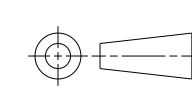
ATLANTIC VERSION

Shown on sheets 1 of 4 & 2 of 4

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

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE. THE CUSTOMER'S ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:
mm



0 PLC ±.5

1 PLC ±0.13

2 PLC ±0.13

3 PLC ±0.013

4 PLC ±0.0001

ANGLES ±.5

FINISH

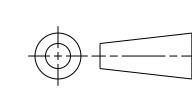
MATERIAL

OWN
D. WEAVER 22AUG2011

CHK
G. HOFENER

APVD
T. ELBIN 22AUG2011

DIMENSIONS:
mm



0 PLC ±.5

1 PLC ±0.13

2 PLC ±0.13

3 PLC ±0.013

4 PLC ±0.0001

ANGLES ±.5

FINISH

MATERIAL

NAME
Ocean Side Feed
Applicator

SIZE
A1

CAGE CODE
00779

DRAWING NO.
©=2151188

RESTRICTED TO

Customer Accessible Production Drawing

SCALE
1:2

SHEET
1

OF
4

REV
C

REVISIONS

P

LTR

DESCRIPTION

DATE

OWN

APVD

B

ECR-12-009472

23MAY2012

XZ

TE

C

ECR-12-022134

28DEC2012

KH

SK

-

1

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

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-

1

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-

-

2119758-1

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

245

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1

1

1

1

1

2119082-9

CAM, SNAIL, INSULATION ADJUSTMENT

244

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1

1

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

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1

1

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

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1

1

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1

1

18023-1

SCR, SKT HD CAP M3 X 5.0

241

-

-

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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-

1

1

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-

1901094-3

SPACER, FEEDER

198

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1

1

1

1

1

993111-1

PIN, SLOTTED SPRING 3.0 X 20.0

177

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1

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1

8-22280-7

SPRING, COMPRESSION

176

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1752353-2

GUIDE PIN, HOLDDOWN

175

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1901680-2

GUIDE PIN, HOLDDOWN

174

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21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

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1

1

1

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1

994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

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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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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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1633743-1

SERVO FEED LATCH ASM

133

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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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455888-3

SPACER, CRIMPER

82

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5-547505-2

SPRING, COMPRESSION

77

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854769-4

HOLDER, INS

74

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2119956-1

DOCUMENTATION PACKAGE

71

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2119791-5

DEPRESSOR, WIRE

70

-

1

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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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1

1

1

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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1

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1

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2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

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1

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5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

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1

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21028-2

PIN, SLOTTED SPRING .062 X .250

58

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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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1-5018030-0

NUT, HEX, REG, RoHS, M3.5

52

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1

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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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1

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

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1

1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

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1

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1

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2119957-1

APPLICATOR SHIM PACK

39

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1

1

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2119644-1

RAM WASHER, PRECISION

38

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1

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1

2119085-1

FA HEAD, ATLANTIC STYLE

37

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1

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2119092-1

BOLT, ADJUSTMENT

35

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1

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1

1

1-1752356-6

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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1320908-6

SPACER, STRIP GUIDE

30

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1

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2119959-2

ASSEMBLY, STRIP GUIDE

29

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2

2

2

2

2

455888-3

SPACER, CRIMPER

28

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1320928-2

STRIP GUIDE

24

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1

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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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1

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2119533-1

STRIPPER, SIDE FEED

19

¹-

1

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2119806-1

INSERT, SHEAR

13

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1

1

1

1

1

3-22280-3

SPRING, COMPRESSION

12

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1

1

1

1

1

1-356885-4

STOP, SHEAR

11

¹-

1

1

1

1

1

2119805-1

SHEAR HOLDER, FRONT

10

¹-

1

1

1

1

1

454276-5

FLOATING SHEAR, FRONT

9

¹-

1

1

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1

1-1333203-5

ANVIL, COMBINATION

8

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1

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2119780-9

DEPRESSOR, SHEAR

5

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1

1

1

1

1

238011-9

BLOCK, CRIMPER SPACER

4

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1

1

1

1

1

1-2119784-8

CRIMPER, INSULATION O PREMIUM

3

¹-

1

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5-657555-6

CRIMPER, WIRE PREMIUM

1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

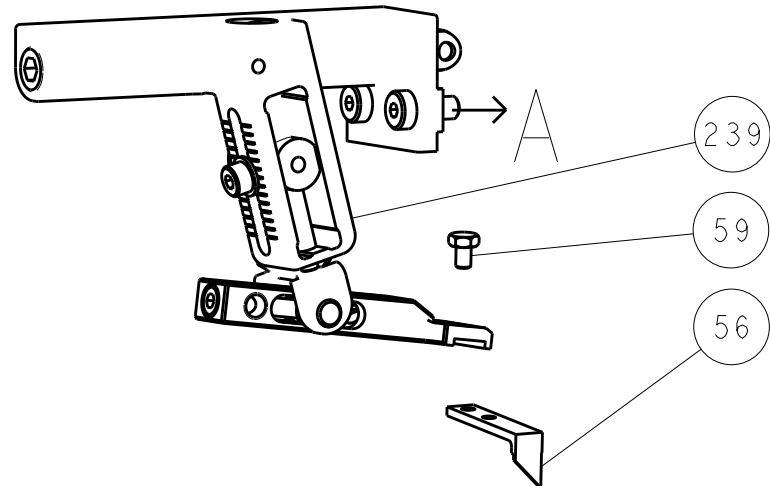
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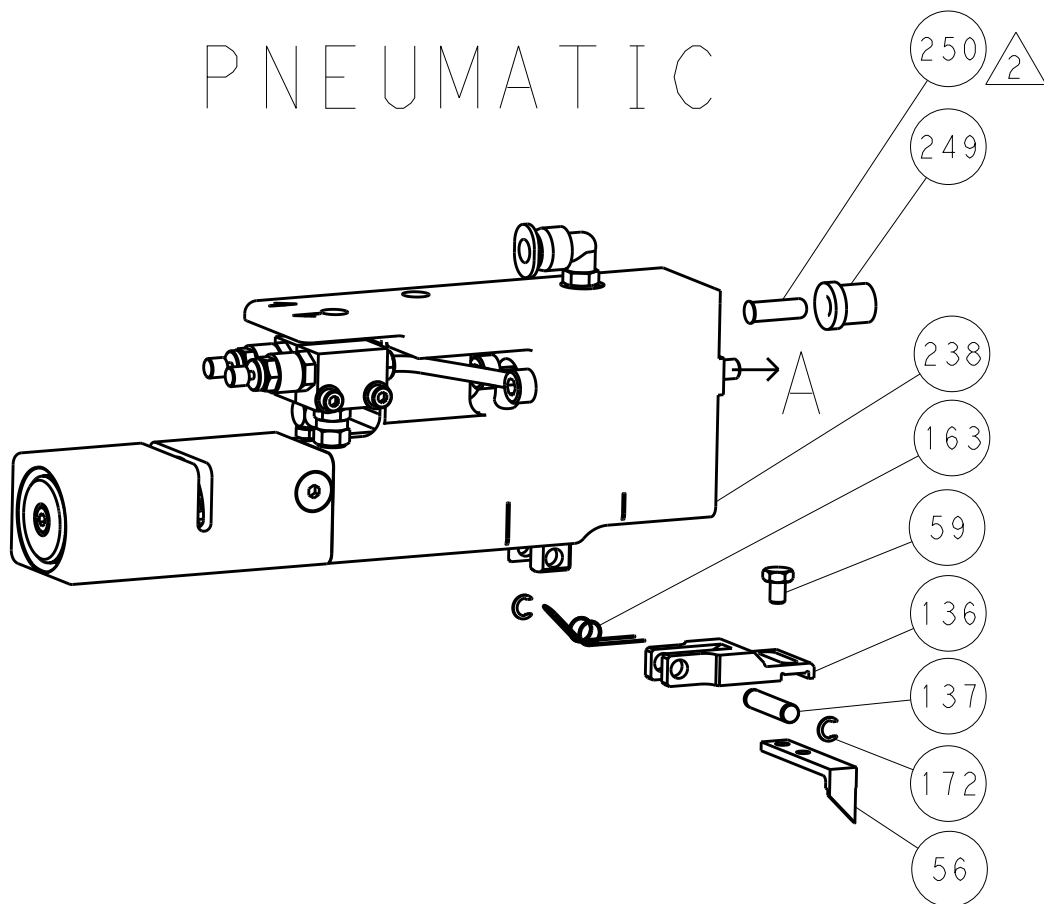
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

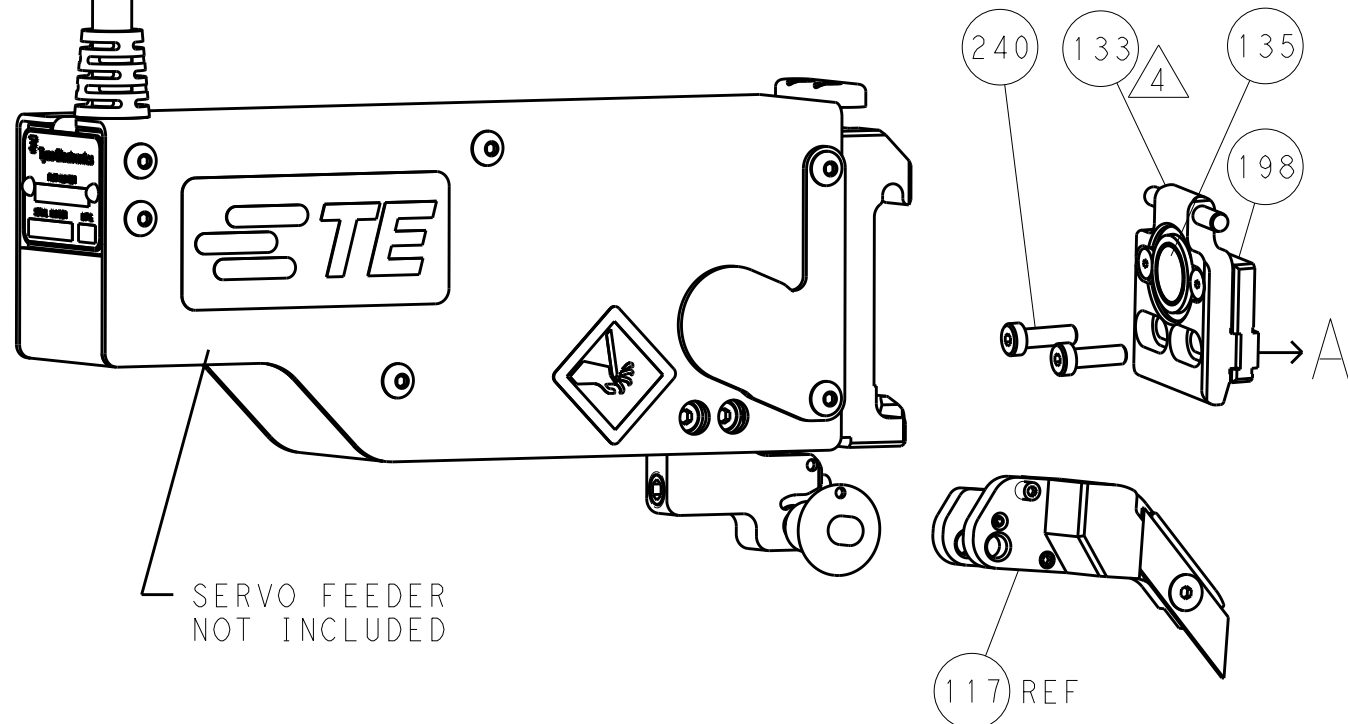
FEED TYPE
MECHANICAL



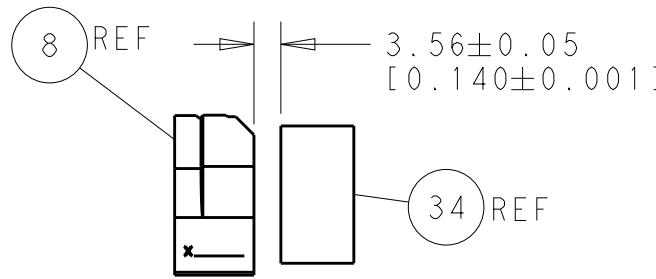
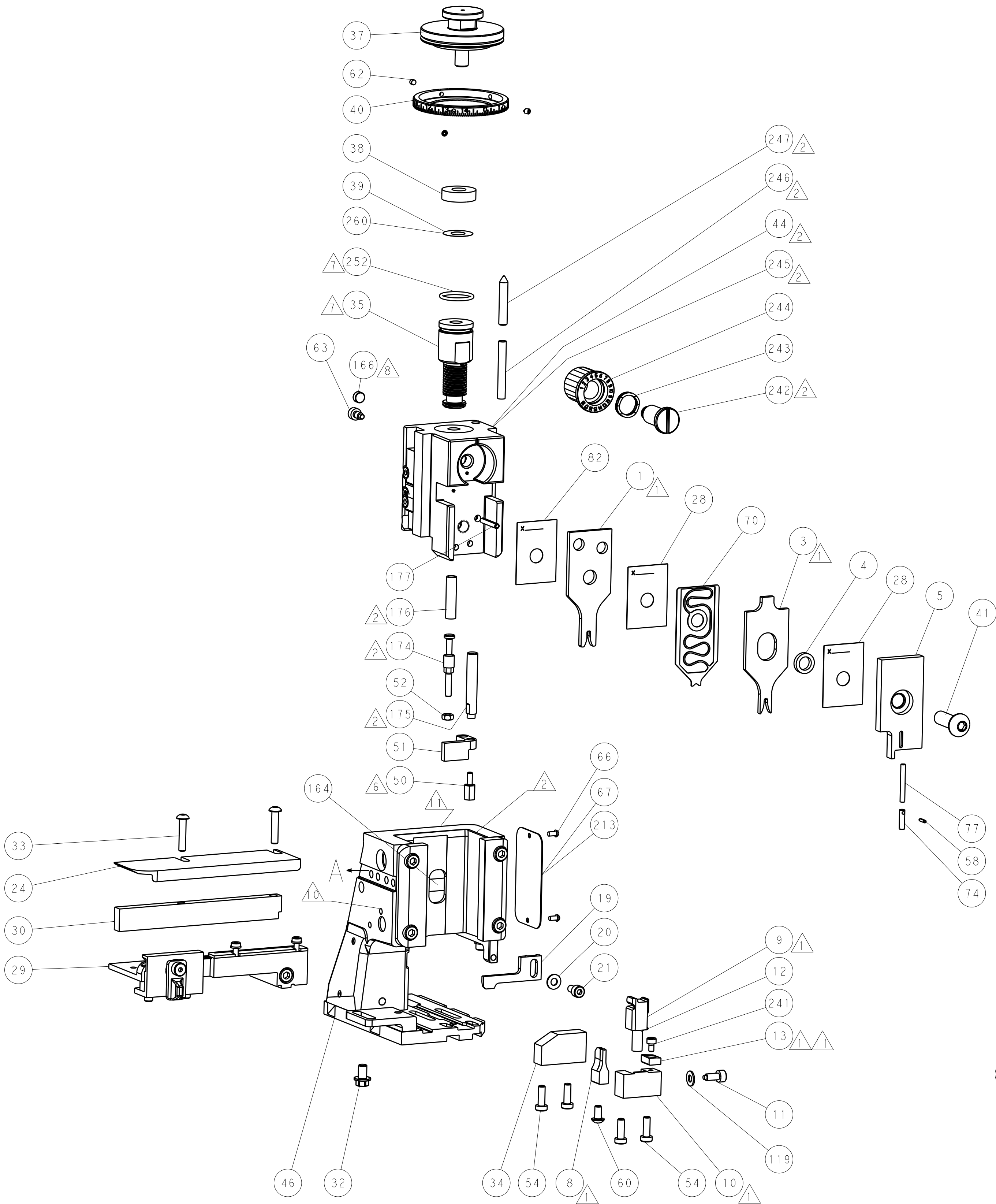
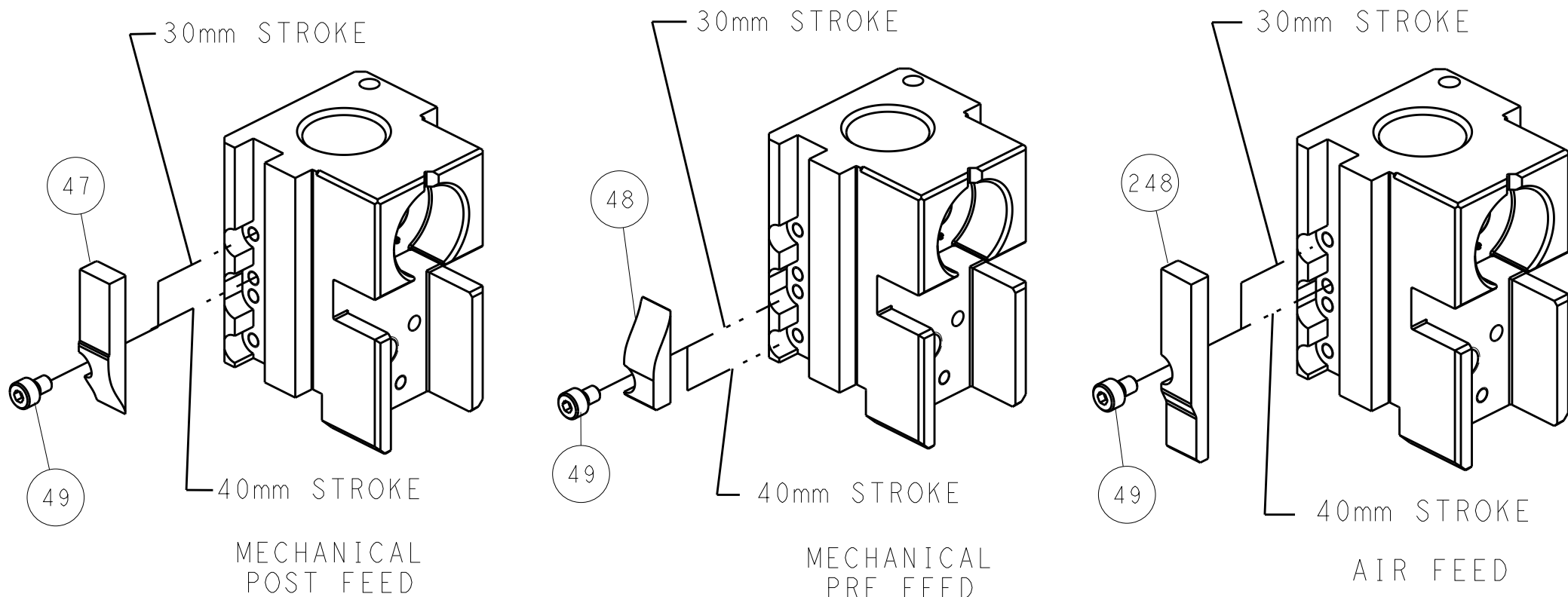
PNEUMATIC



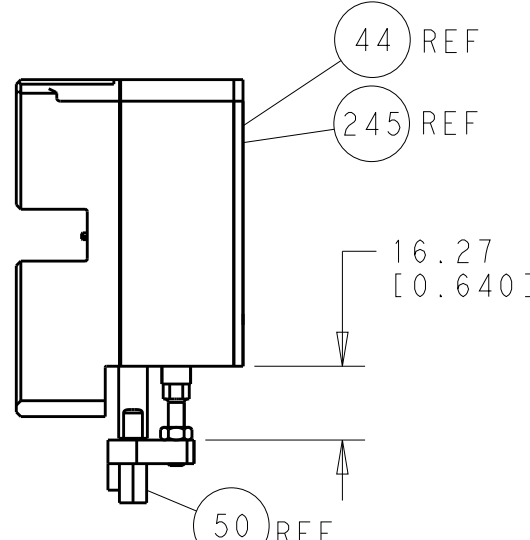
SERVO
LATCH PLATE



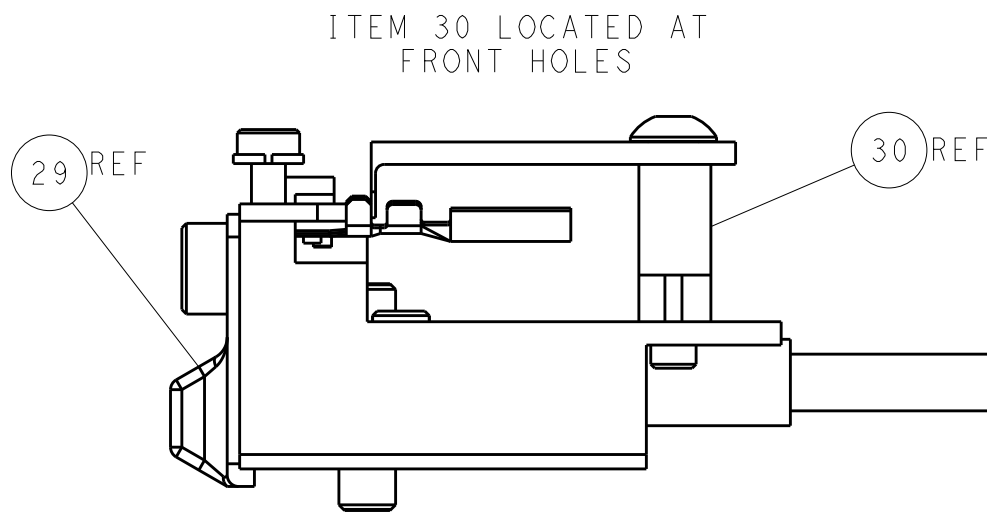
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



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)

(1) DIMENSIONS: 1) UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. 2) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 3) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 4) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 5) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 6) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 7) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 8) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 9) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 10) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 11) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 12) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 13) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 14) DIMENSIONS ARE TO BE MAINTAINED FOR THE ENTIRE LIFE OF THE PART. 15) DIMENSIONS ARE TO BE MAINTAINED 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UNCONTROLLED DOCUMENT FOR THE ELECTRONIC COMPONENTS THIS DRAWING HAS BEEN REVISED UNDER THE ASSURANCE OF IT IS CONTRACTED FOR THE LATEST VERSION.		DWG B. WEAVER 22AUG2011 CHK G. HOFFNER 22AUG2011 APP'D T. ELBIN 22AUG2011		 TE Connectivity Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME Ocean Side Feed Applicator		SIZE A1	
0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		CAGE CODE 00779	
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		APVD ELBIN 22AUG2011			
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DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

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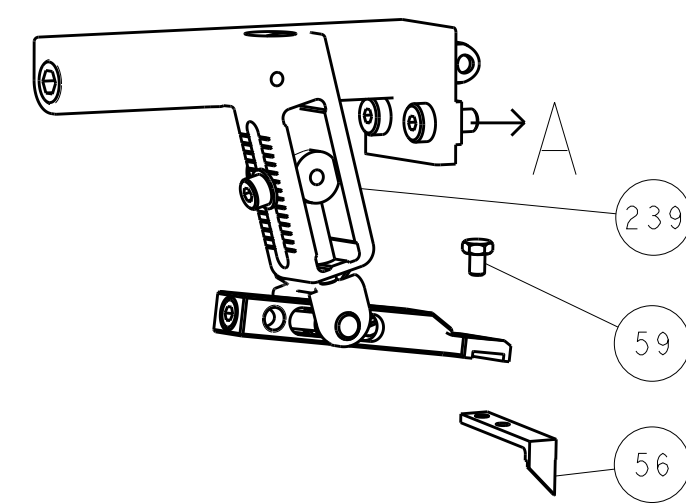
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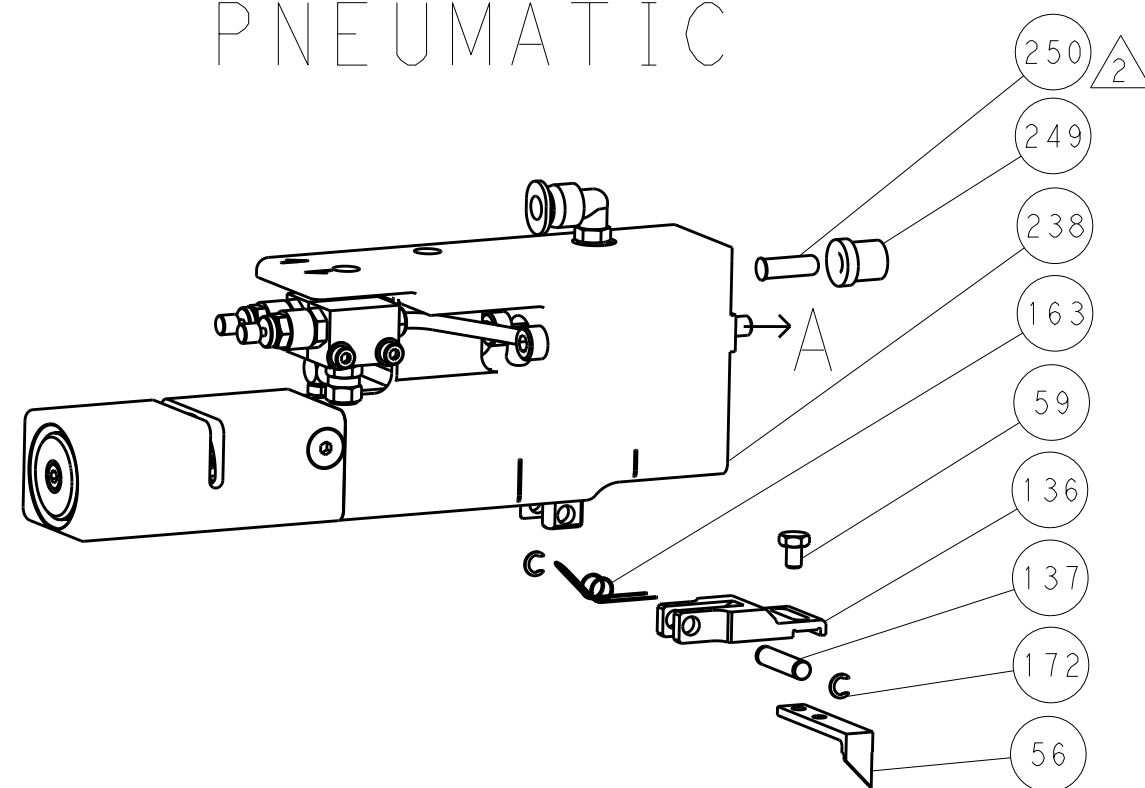
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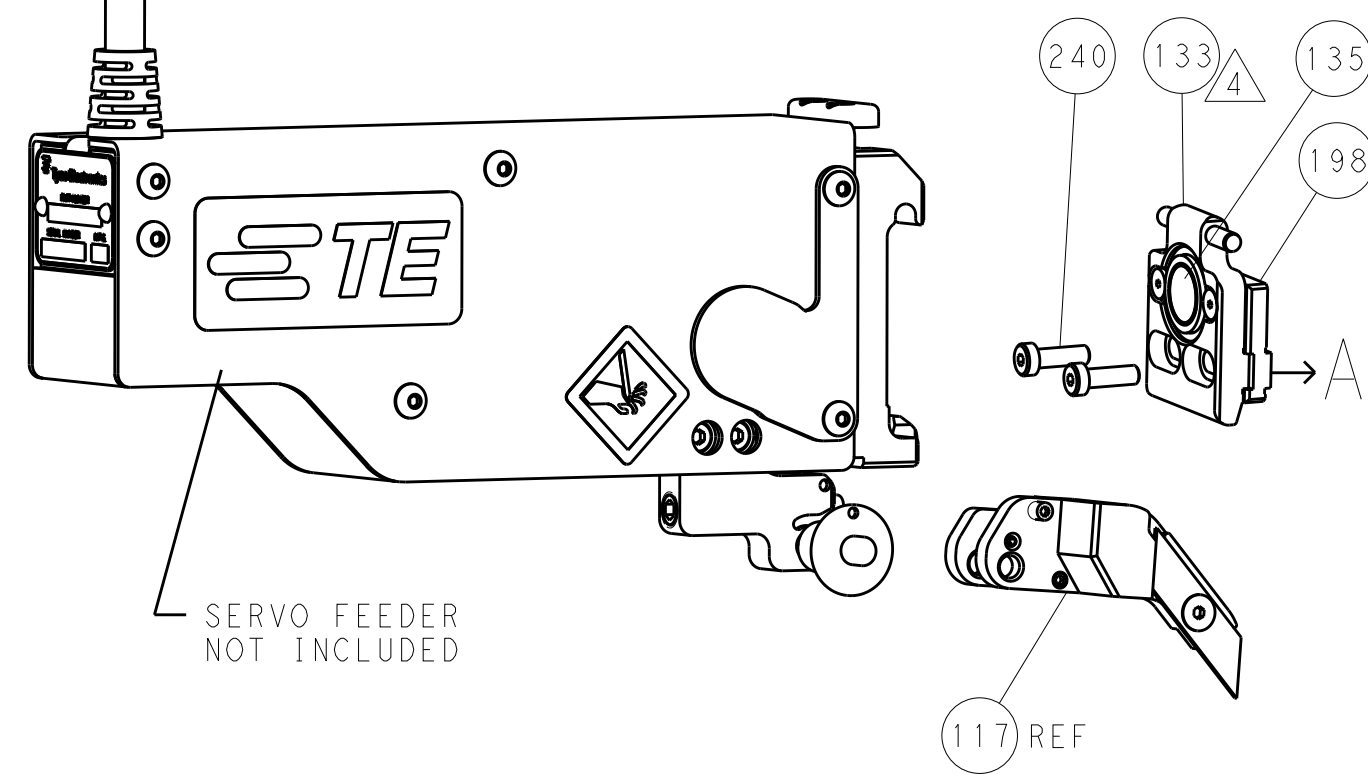
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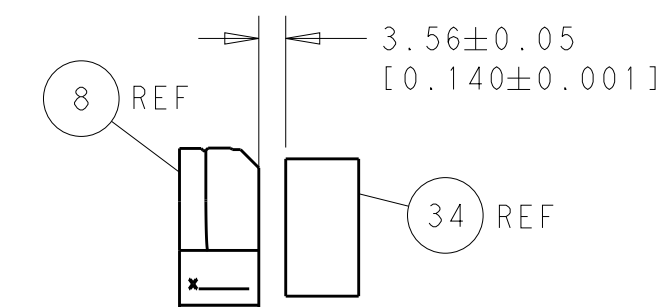
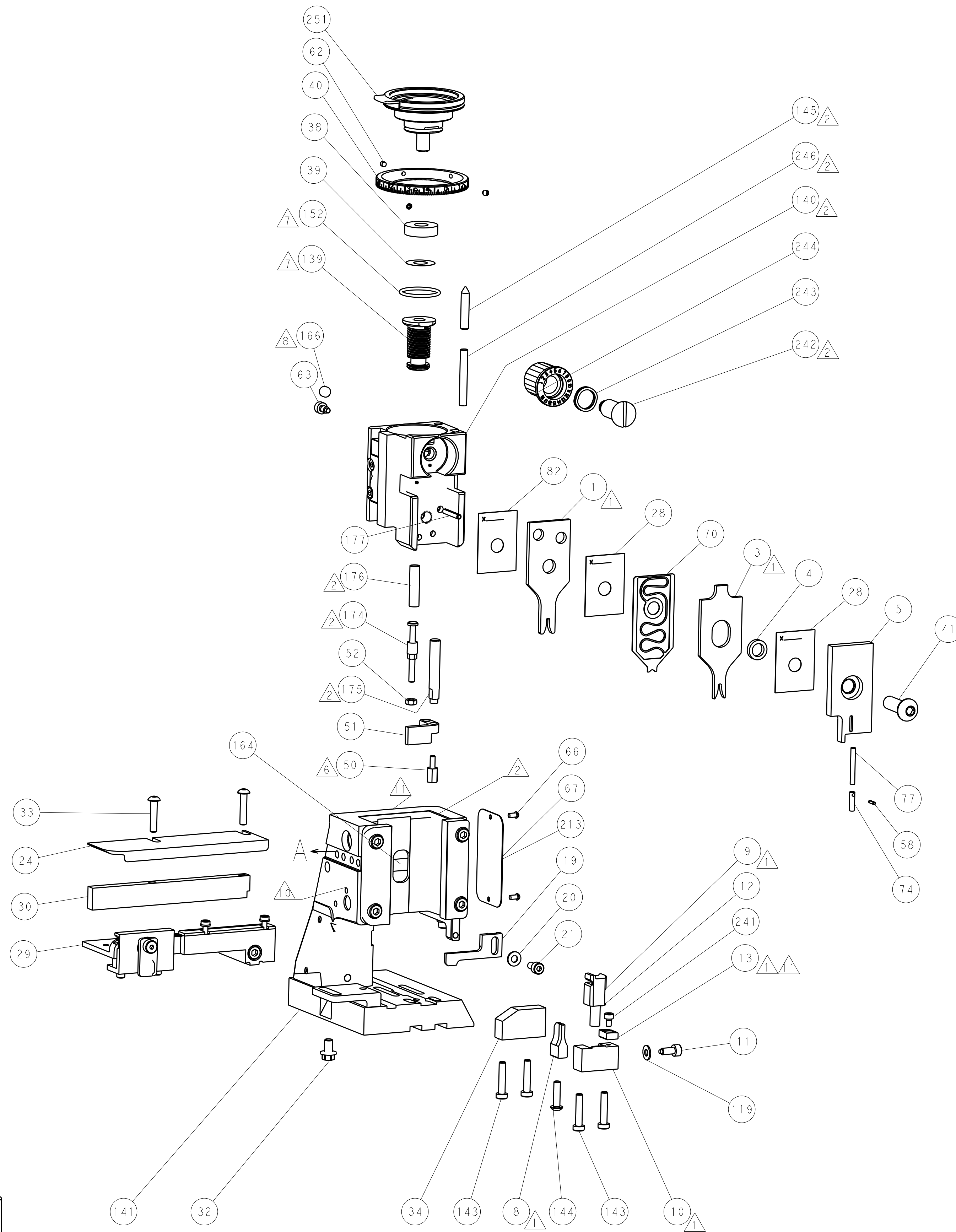
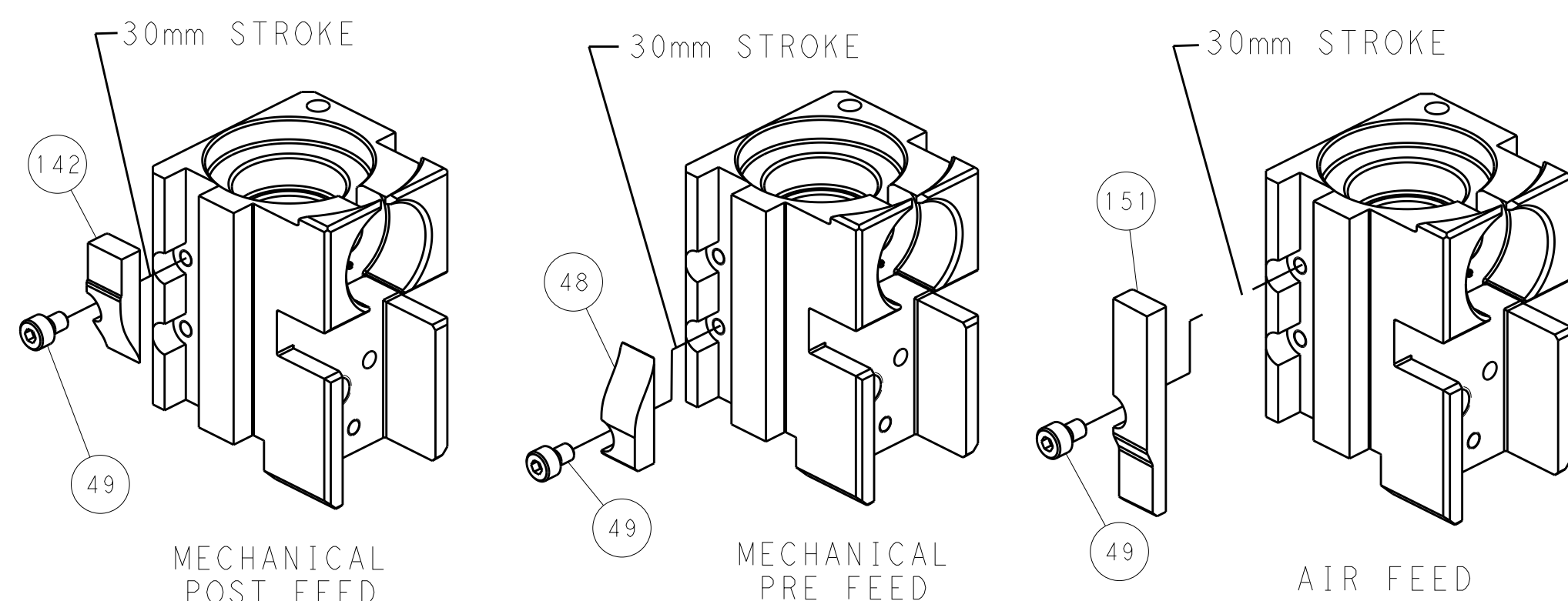
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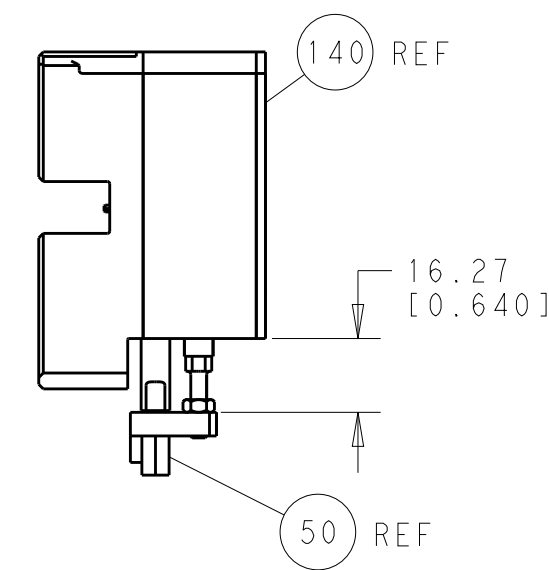
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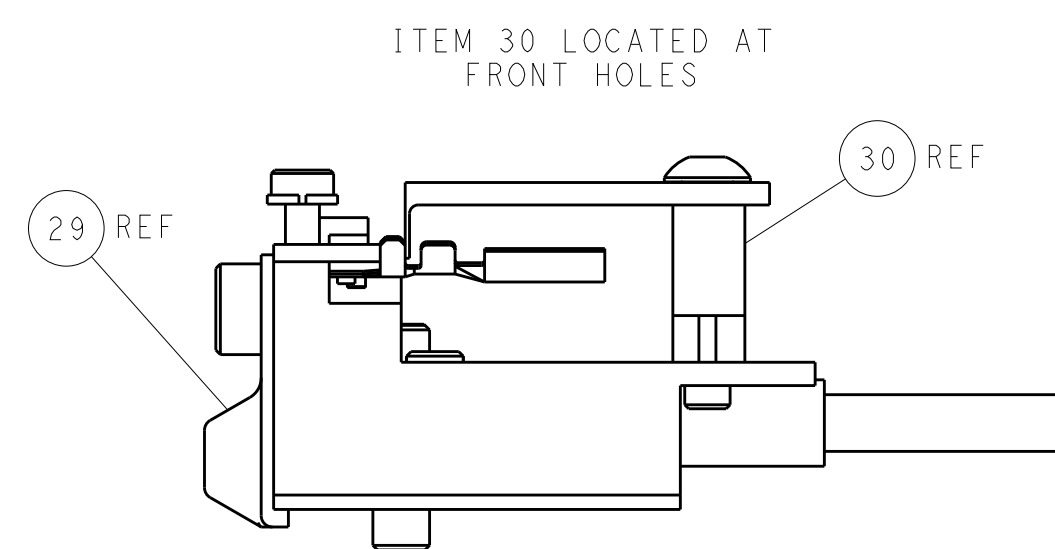
CAM POSITIONS



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: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN B. WEAVER 22AUG2011		TE Connectivity Harrisburg, PA 17105-3608	
0 PLC ±.5		1 PLC ±.13		CHK G. HOFNER 22AUG2011		NAME Ocean Side Feed Applicator	
2 PLC ±.13		3 PLC ±.13		APVD T. ELBIN 22AUG2011		SIZE A1	
4 PLC ±.001		ANGLES FINISH		PRODUCT SPEC		CAGE CODE 00779	
MATERIAL		WEIGHT		APPLICATION SPEC		DRAWING NO C=2151188	
Customer Accessible Production Drawing		SCALE 1:2		SHEET 4		REV C	

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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