

8

7

6

5

4

3

2

1

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20

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

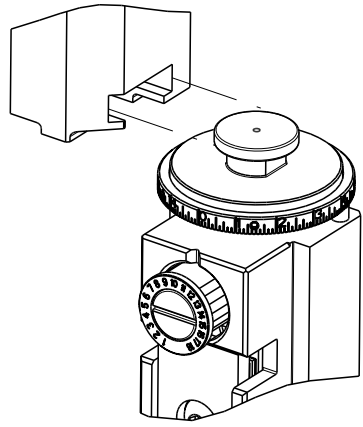
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2150710-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

2119950-1

2119792-2

-

2119641-1

-

2063440-1

2150710-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

SERVO LATCH PLATE

2119951-1

1901697-1

8-2150710-5

-

-

2168400-7 (QUANTITY 2)

2150710-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2161326-1

-

8-2150710-4

-

-

-

2150710-6

A

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2119949-1

2063961-1

5-18022-5

2119653-1

-

-

-

2150710-7

A

FINE CRIMP HEIGHT ADJUST

NONE

2119950-1

2119792-2

-

2119641-1

-

2063440-1

7-2150710-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

3.04 mm [.120]

F

INSUL

3.96 mm [.156]

F

APPL INSTRUCTIONS

408-10390

TERMINAL DATA: KLAUKE/UTILUX TERMINAL UTILUX CRIMP SPECIFICATION

TERMINAL NAME: RING TERMINAL

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

TERMINAL APPLICATION SPECIFICATION

TERMINALS APPLIED

TE TERMINAL

KLAUKE/UTILUX TERMINAL

TE TERMINAL

KLAUKE/UTILUX TERMINAL

WIRE SIZE

CRIMP HEIGHT

CRIMP HEIGHT

2.00mm2

2.00+/-0.05 [.079+/- .002]

7.7

1.50mm2

1.95+/-0.05 [.077+/- .002]

7.6

1.00mm2

1.85+/-0.05 [.073+/- .002]

8.4

0.75mm2

1.80+/-0.05 [.071+/- .002]

8.7

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: 8-2150710-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150710-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150710-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2150710-6

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

THE RECOMMENDED SET-UP FOR END FEED APPLICATORS IS POST-FEED WITH ITEM 2119653-1. THE APPLICATOR CAN BE CONFIGURED FOR PRE-FEED WITH ITEM 2119652-1 BUT MAY ENCOUNTER PROBLEMS WITH SOME APPLICATIONS. FEED ISSUES OR TERMINAL JAMMING MAY OCCUR IN THE PRE-FEED CONFIGURATION.

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

13

TERMINAL LUBRICANT IS RECOMMENDED.

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

LOC

DIST

REVISIONS

2119599-2

A

66

DESCRIPTION

DATE

OWN

APVD

-

-

-

-

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

-

-

-

2119759-1

RAM, AMP STYLE, END FEED, NON-ADJUST

245

-

1

1

1

1

1

2119082-7

CAM, SNAIL, INSULATION ADJUSTMENT

244

-

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

-

-

2

2

-

-

2168400-7

SHCS, LOW HEAD, RoHS, M5 X 10

240

-

-

-

-

-

1

2119580-1

MECHANICAL FEED ASSEMBLY

239

-

-

-

-

-

1

2063440-1

AIR FEED MODULE

238

-

-

1

1

-

-

2119740-2

TAG, IDENTIFICATION

213

-

1

1

1

1

1

1-455888-0

SPACER, CRIMPER

185

-

-

REFREF

-

-

-

1901697-1

FEED FINGER ASSEMBLY,EF

183

-

-

-

-

2

-

21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

-

1

1

1

1

1

994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

-

REFREFREFREFREFREF

994970-2

COUNTER, MAGNETIC

164

-

-

-

-

1

-

240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

-

3-23627-7

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

137

-

-

REFREF

-

-

-

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

-

-

1

1

-

-

1633743-1

SERVO FEED LATCH ASM

133

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1

1

1

1

1

2119955-2

ASSY, LUBRICATOR, END FEED

84

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1

1

1

1

1

455888-5

SPACER, CRIMPER

82

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1

1

1

1

1

1803203-1

BLOCK, FRONT DEPRESSOR

77

-

1

1

1

1

1

1-2119791-0

DEPRESSOR, WIRE

73

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1

1

1

1

1

2119956-2

DOCUMENTATION PACKAGE

71

-

2

2

2

2

2

2-18032-2

SCR, SET, FLT POINT M3 X 10.0

70

-

1

1

1

1

1

2119943-1

WASHER, SPACER

69

-

1

-

-

1

1

2119740-1

TAG, IDENTIFICATION

67

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2

2

2

2

2

2168078-1

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

66

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1

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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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1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

-

-

-

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1

2063961-1

FEED FINGER

58

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4

4

4

4

4

2168400-4

SHCS, LOW HEAD, RoHS, M4 X 8

57

-

2

2

2

2

2

2168083-3

SCR, SKT HD CAP, RoHS, M4 X 12.0

56

-

2

2

2

2

2

5018030-1

NUT, HEX, REG, RoHS, M3

54

-

2

2

2

2

2

986965-8

NUT, LOCK, HEX, TORQUE (M4)

53

-

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-

-

1

-

2119792-2

PAWL, EF, AIR

51

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1

2

18023-9

SCR, SKT HD CAP M4 X 6.0

49

-

-

-

-

-

1

2119652-1

FEED CAM, PRE FEED

48

-

-

-

-

-

1

2119653-1

FEED CAM, POST FEED

47

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1

1

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2119655-5

APPLICATOR BASIC ASSEMBLY, EF

46

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1

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1

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1

2119369-1

RAM,AMP STYLE, END FEED

44

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1

1

1

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1

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

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1

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1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

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1

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2119957-1

APPLICATOR SHIM PACK

39

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1

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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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1

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1

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1

2119092-1

BOLT, ADJUSTMENT

35

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8

8

8

8

8

1-18028-2

WASHER, FLAT, REG M4

33

-

2

2

2

2

2

2168083-8

SCR, SKT HD CAP, RoHS, M4 X 16

31

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2

2

2

2

2

1-2168083-0

SCR, SKT HD CAP, RoHS, M4 X 10

29

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1

1

1

1

1

240639-1

STRIPPER (MACHINING)

27

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2

2

2

2

2

1-2168083-5

SCR, SKT HD CAP, RoHS, M4 X 30

25

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1

1

1

1

1

1-1752371-2

PLATE, STRIP GUIDE

24

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2

2

2

2

2

2-22281-3

SPRING, COMPRESSION

22

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1

1

1

1

1

1803292-1

DRAG

20

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1-1901696-8

STRIP GUIDE, REAR

19

-

1

1

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1

1

1-1901695-8

STRIP GUIDE, FRONT

18

-

4

4

4

4

4

1-2079383-1

SCR, BHSC, RoHS (M6 X 12)

17

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1

1

1

1

1

5-240641-4

SPACER

16

-

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240644-9

PLATE, REAR SHEAR

11

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10

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690482-4

PLATE, FRONT SHEAR

9

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1

1

1

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1

6-1803059-0

ANVIL, COMBINATION, END FEED

8

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1

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1-2217206-1

BLADE, SLUG

7

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6

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1

240641-4

SPACER

5

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3-238011-1

BLOCK, CRIMPER SPACER

4

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1

1

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1

1

8-1803187-5

CRIMPER, INSULATION F

3

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1

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1

455888-8

SPACER, CRIMPER

2

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1

1

1

1

1

456423-1

CRIMPER, WIRE PREMIUM

1

-

77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

AMP 4805 REV 31MAR2000

8

7

6

5

4

3

2

1

Customer Accessible Production Drawing

SCALE

1:1

SHEET

1

OF

4

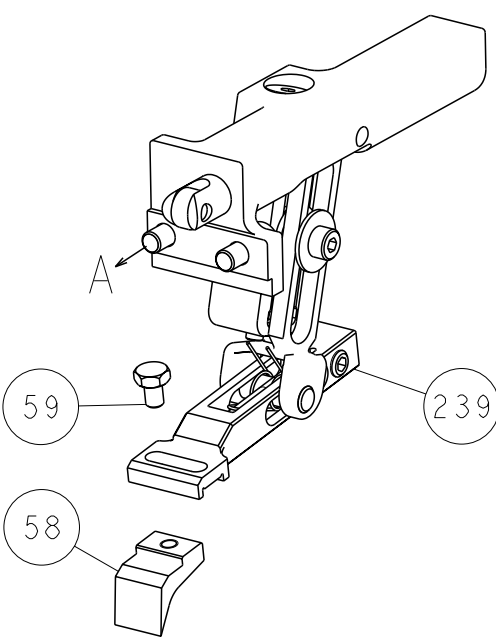
REV

A

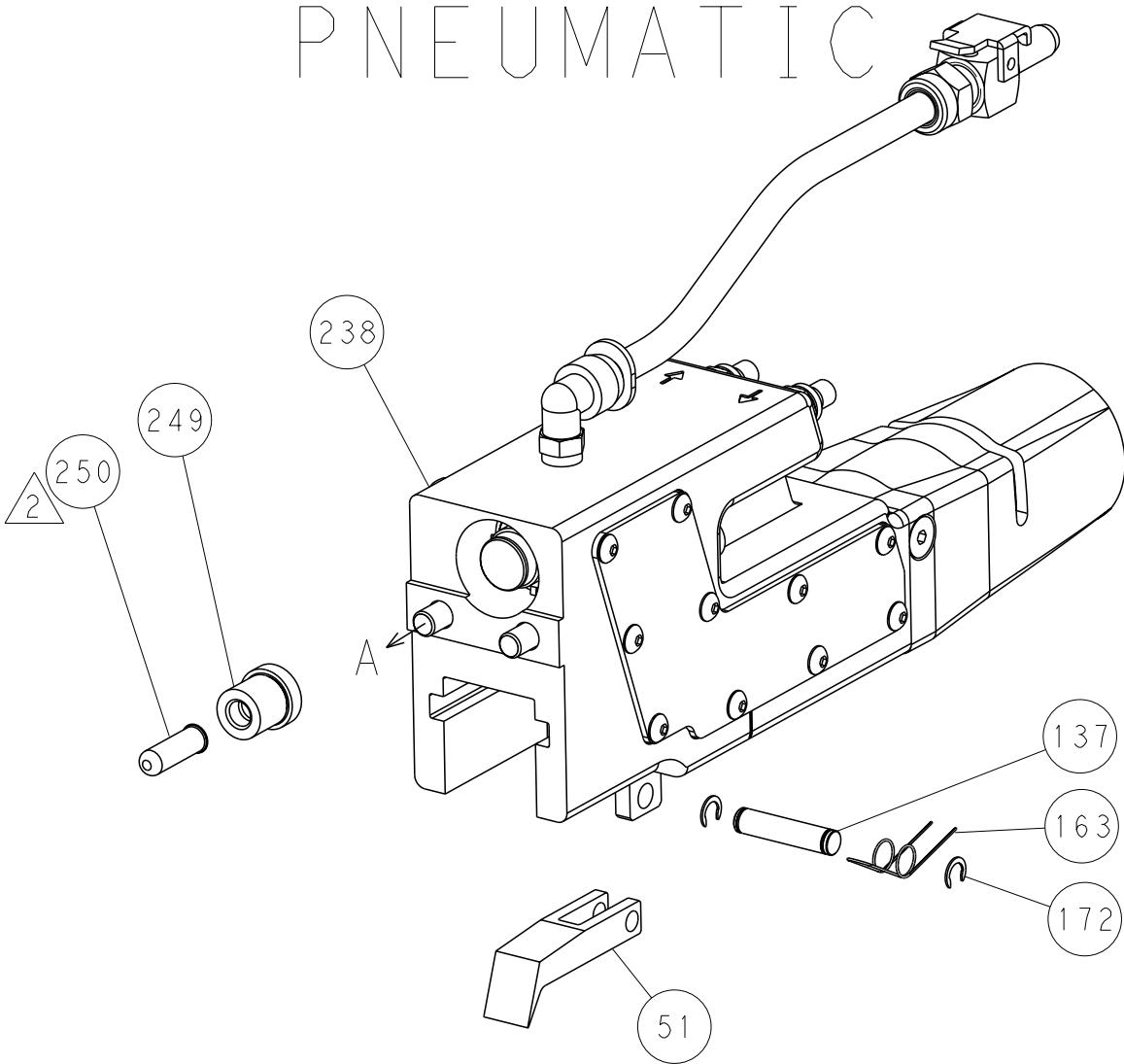
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

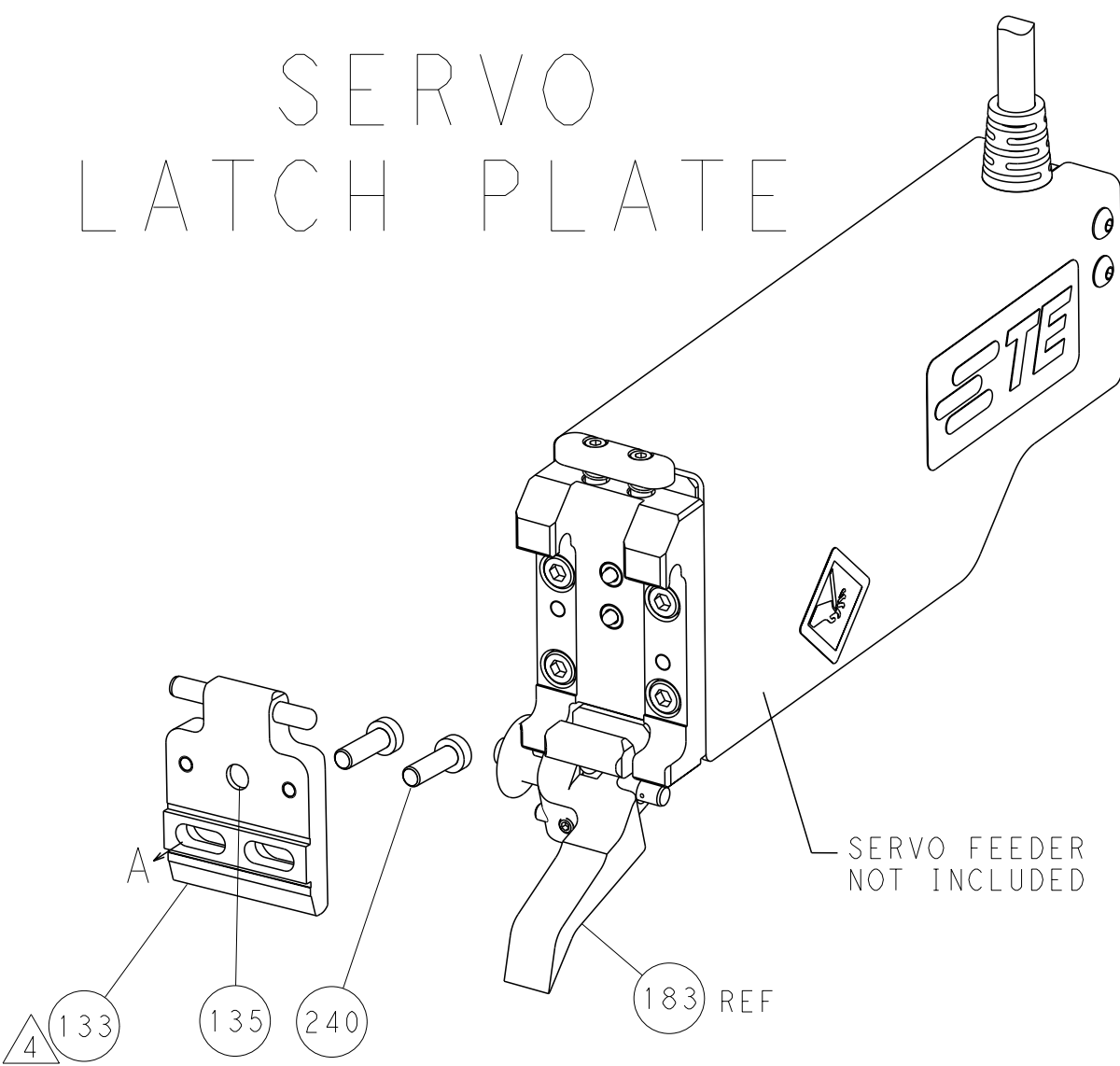
FEED TYPE
MECHANICAL



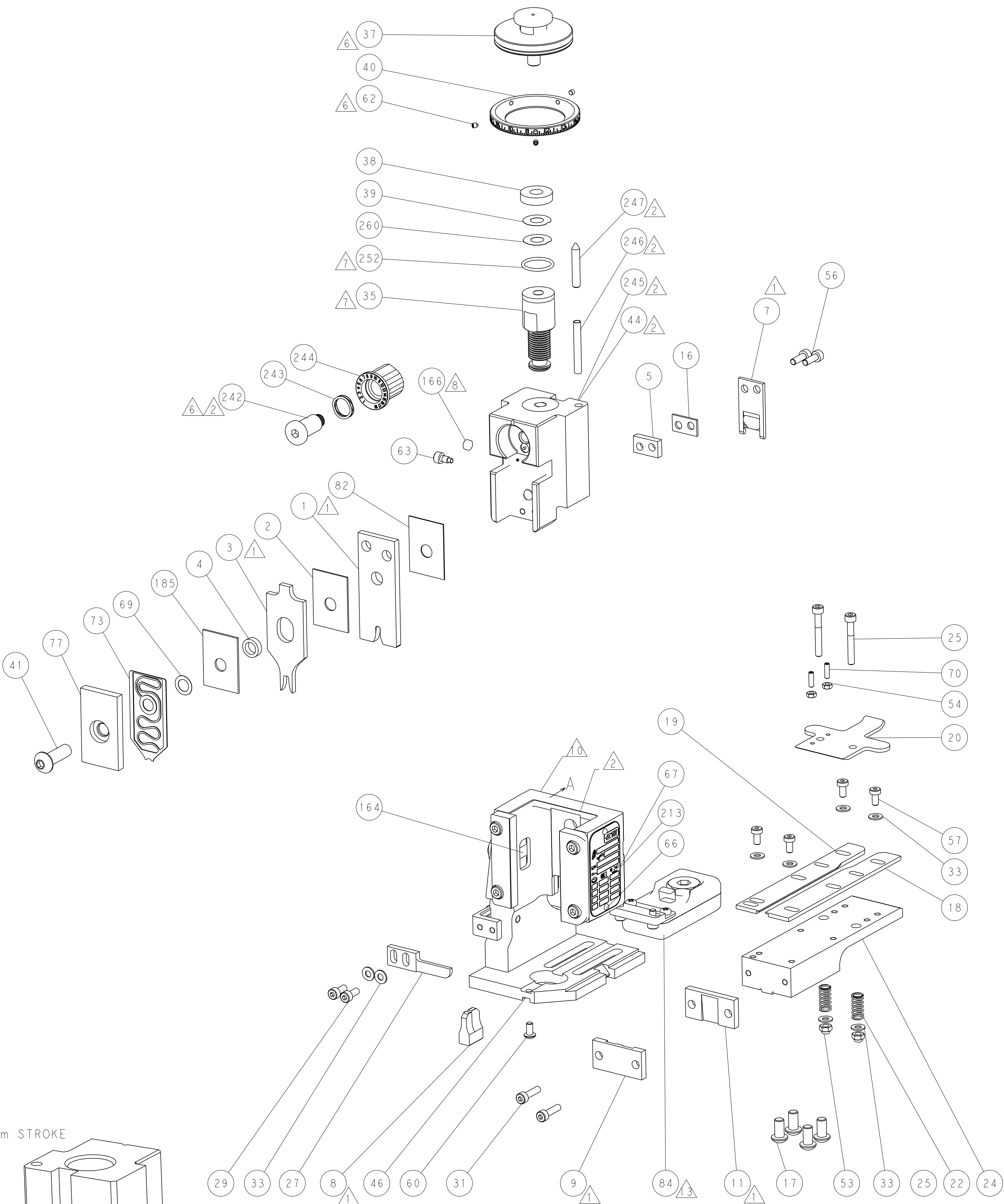
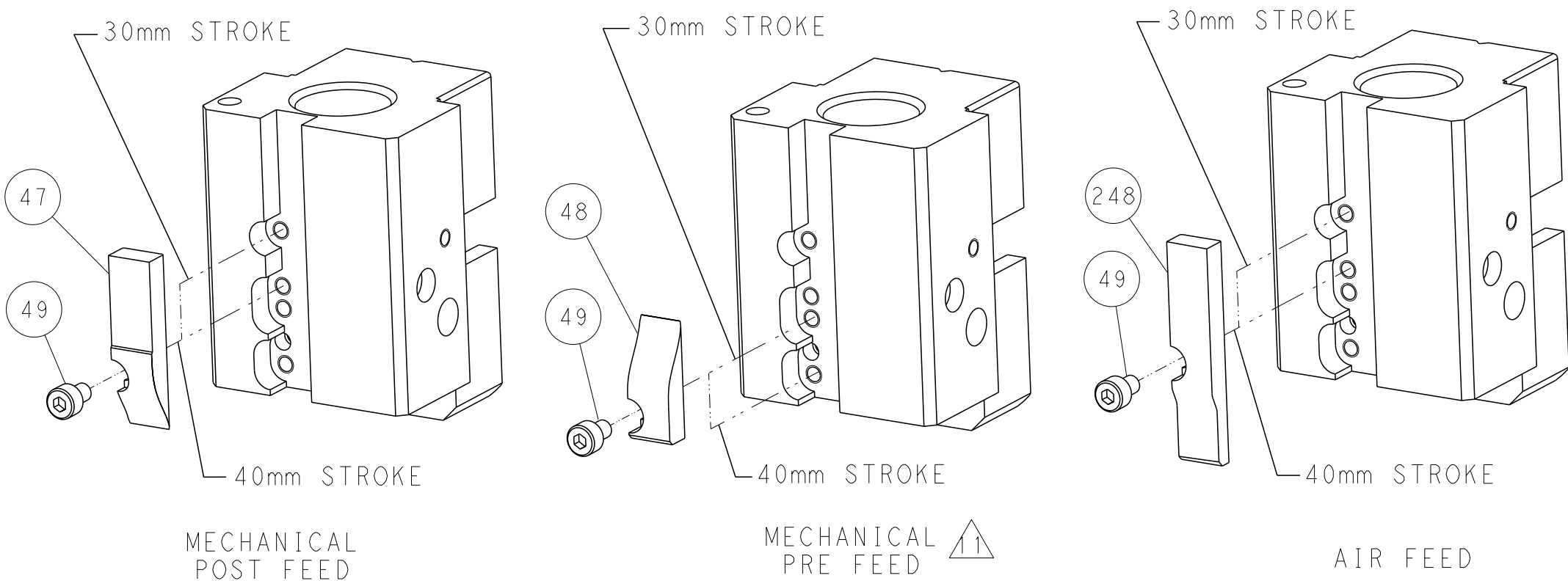
PNEUMATIC



SERVO
LATCH PLATE



CAM POSITIONS



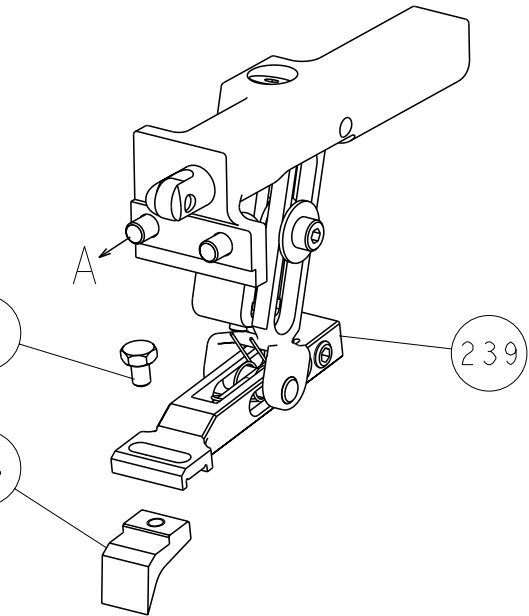
ATLANTIC VERSION
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(Pacific version shown on sheets 3 of 4 & 4 of 4)

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC APPLICATION SPEC		SIZE CAGE CODE DRAWING NO A1 00779 C=2150710	
MATERIAL		WEIGHT		Customer Accessible Production Drawing		RESTRICTED TO SCALE 1:1 SHEET 2 OF 4 REV A	

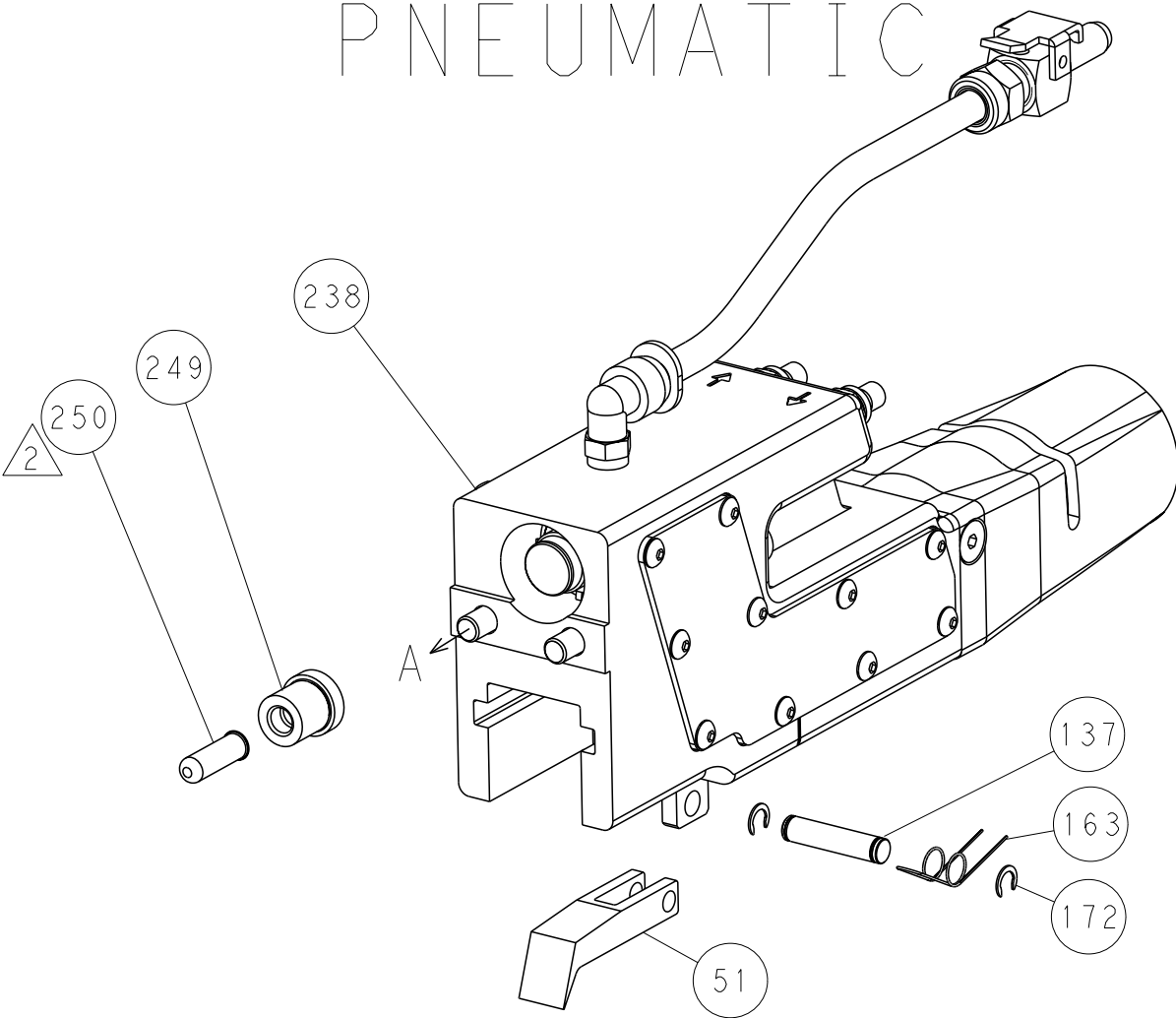
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A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

FEED TYPE

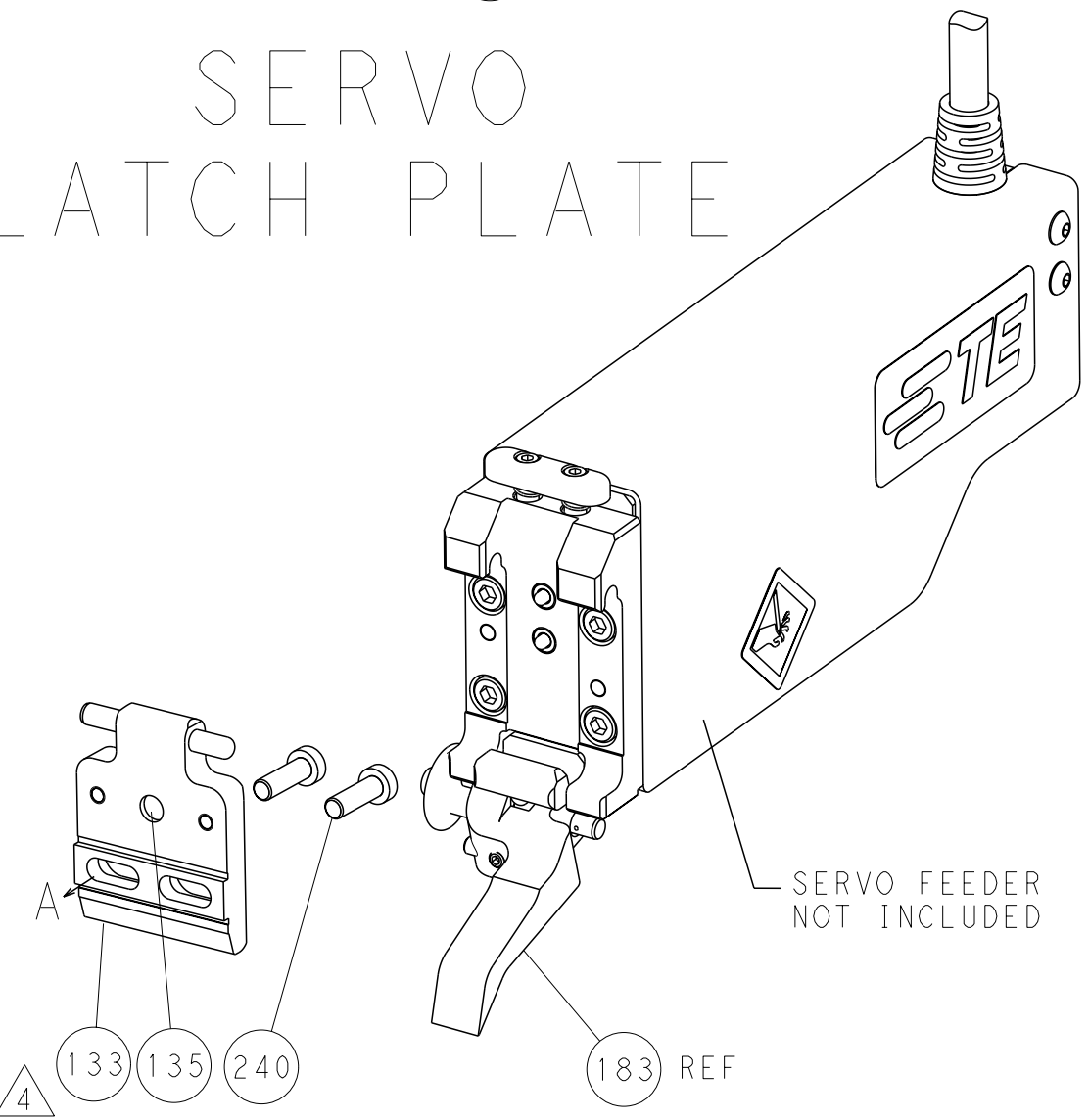
MECHANICAL



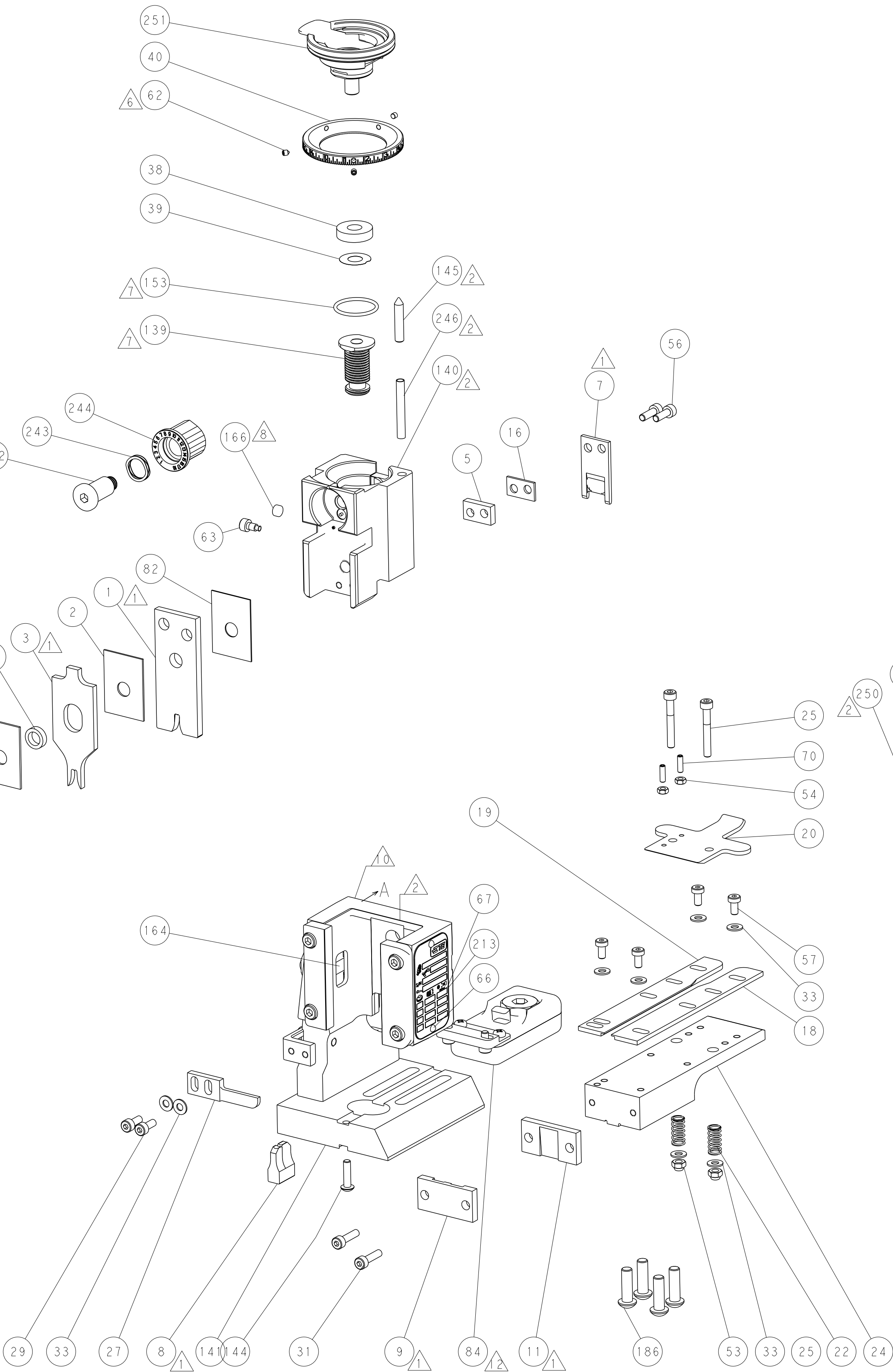
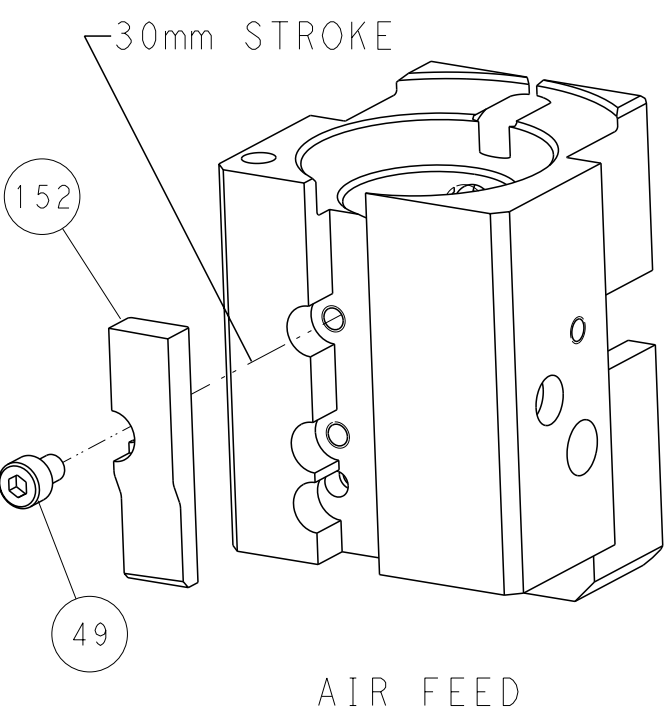
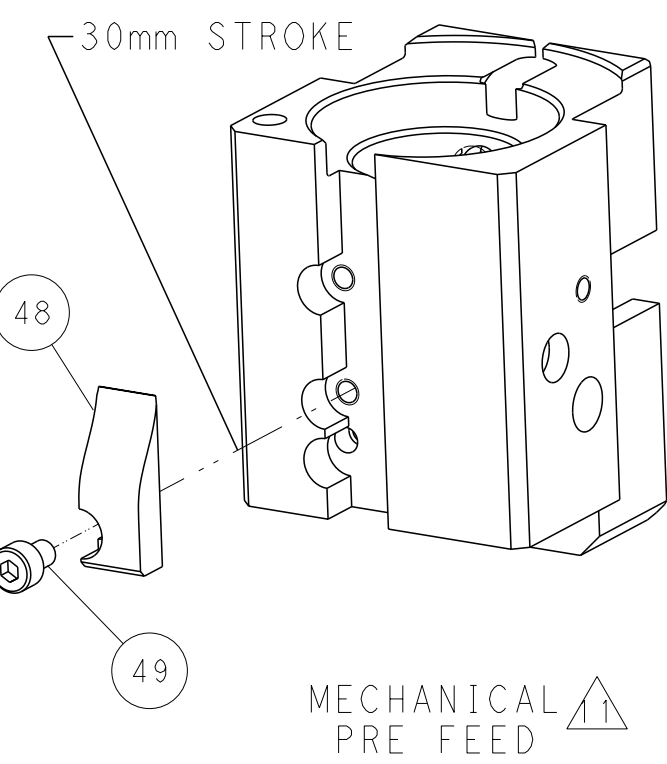
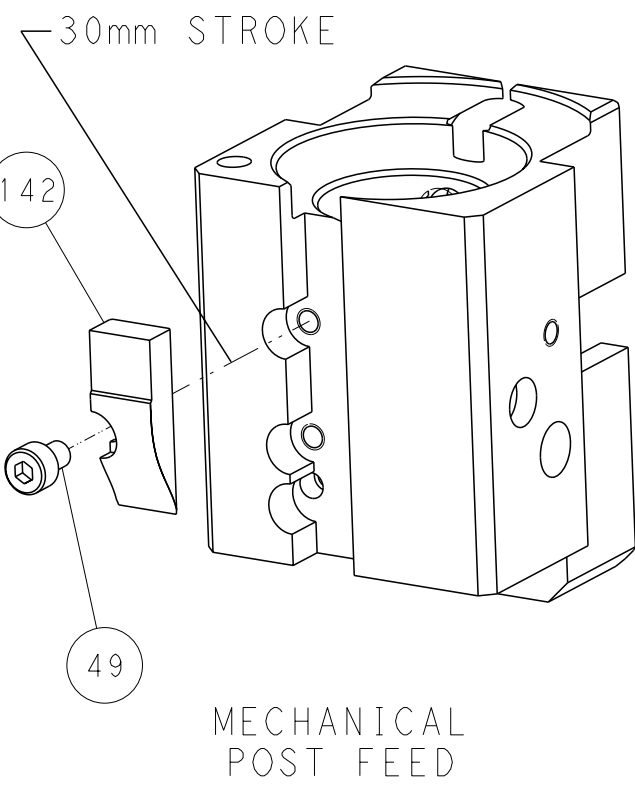
PNEUMATIC



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)

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DIMENSIONS: mm				CHK L. ZHANG 06SEP2016	NAME Ocean End Feed Applicator		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH				APVD L. ZHANG 06SEP2016	SIZE A1		
MATERIAL				PRODUCT SPEC	CAGE CODE 00779		
				APPLICATION SPEC	DRAWING NO C=2150710		
				WEIGHT	RESTRICTED TO		
				Customer Accessible Production Drawing	SCALE 1:1		
					SHEET 4		
					OF 4		
					REV A		

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[2150710-1](#)