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RELEASED FOR PUBLICATION

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED

2150314-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119792-2

-

2119641-1

-

2063440-1

2119951-1

1901697-1

8-2150314-5

-

-

2168400-7 (QUANTITY 2)

2161326-1

-

8-2150314-4

-

-

-

2150314-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2063961-1

5-18022-5

2119653-1

-

-

2119951-1

1901697-1

8-2150314-5

-

-

2168400-7 (QUANTITY 2)

2161326-1

-

8-2150314-4

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-

2150314-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2063961-1

5-18022-5

2119653-1

-

-

2119950-1

2119792-2

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2119641-1

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2063440-1

2150314-6

A

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

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2150314-7

A

FINE CRIMP HEIGHT ADJUST

NONE

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7-2150314-7

A

CRIMP TOOLING KIT

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APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.79 mm [.110]

F

INSUL

4.57 mm [.180]

F

APPL INSTRUCTIONS

408-10390

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: .250 SERIES FASTIN-FASTON RECEPTACLE

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.80-5.60 mm [.189-.220 IN]

Ø3.40-5.10 mm [.134-.201 IN]

TERMINAL APPLICATION SPECIFICATION

114-3118

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

6-160448-0

6-160448-2

6-160448-5

6-160448-1

6-160448-3

6-160448-6

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

2.50mm2

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

8.5

1.50mm2

1.62+/-0.05 [.064+/- .002]

9.9

1.00mm2

1.52+/-0.05 [.060+/- .002]

10.9

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: 8-2150314-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150314-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150314-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2150314-6

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 ITEMS 50, 62 & 242.
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37, 50 & 242.

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

*WARNING
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

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2119957-2

APPLICATOR SHIM PACK

260

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8-21084-0

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

252

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2079988-1

BUSHING, LCH5-12, MISUMI

250

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2119640-1

PUSH ROD, AIR FEED

249

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2119641-1

FEED CAM, AIR FEED

248

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2119798-1

DETENT PIN

247

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1-22279-3

SPRING, COMPRESSION

246

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2119759-1

RAM, AMP STYLE, END FEED, NON-ADJUST

245

-77

-7

-6

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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)

LOC

DIST

REV

DATE

OWN

APVD

SET UP GAUGE

2119599-2

A

66

REVISIONS

DESCRIPTION

DATE

OWN

APVD

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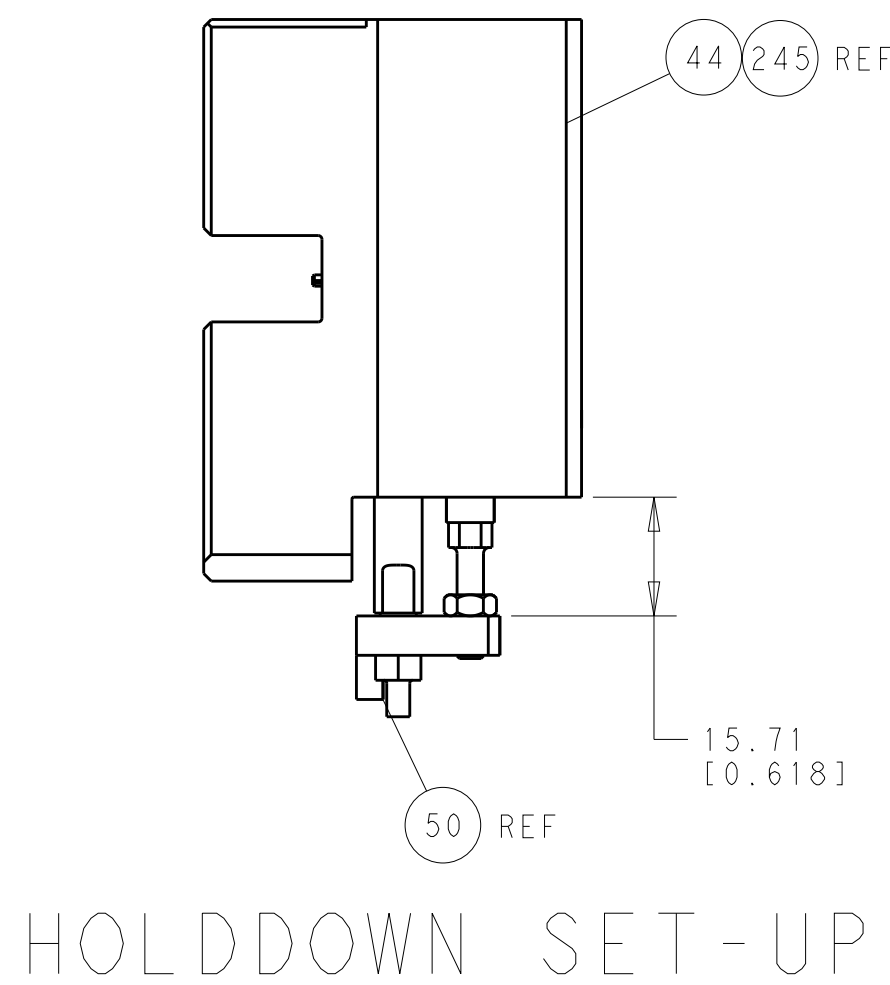
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

C

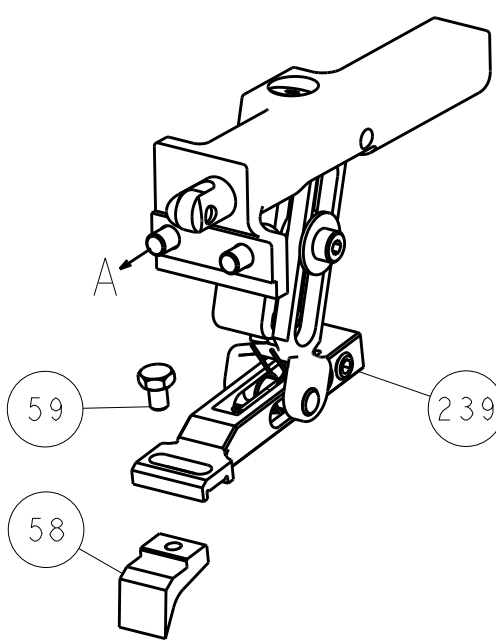
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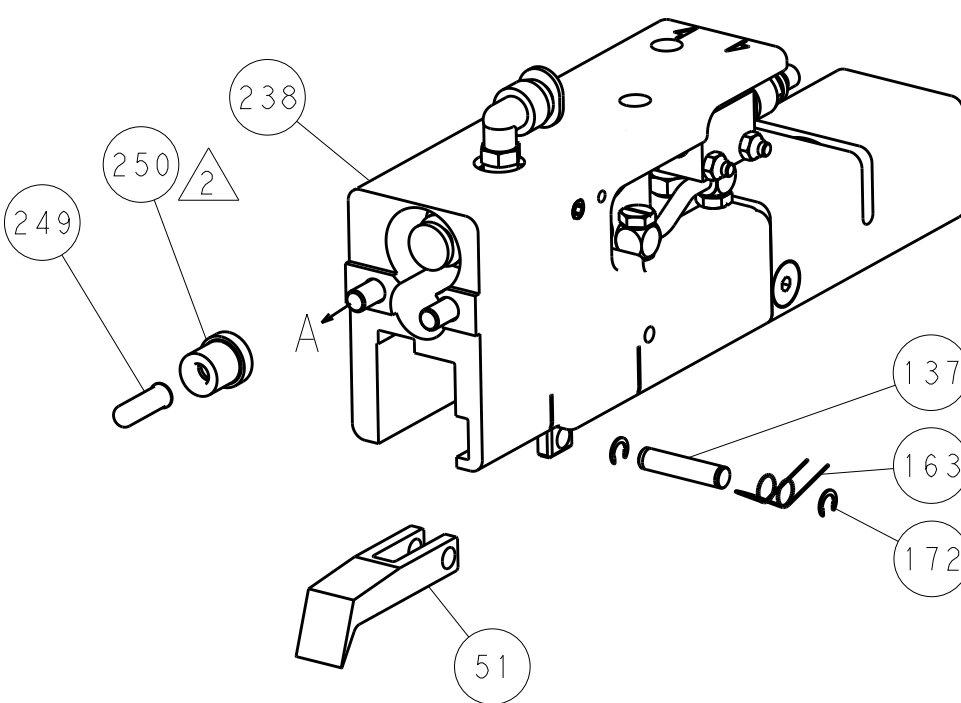
LOC		DIST		REVISIONS			
A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



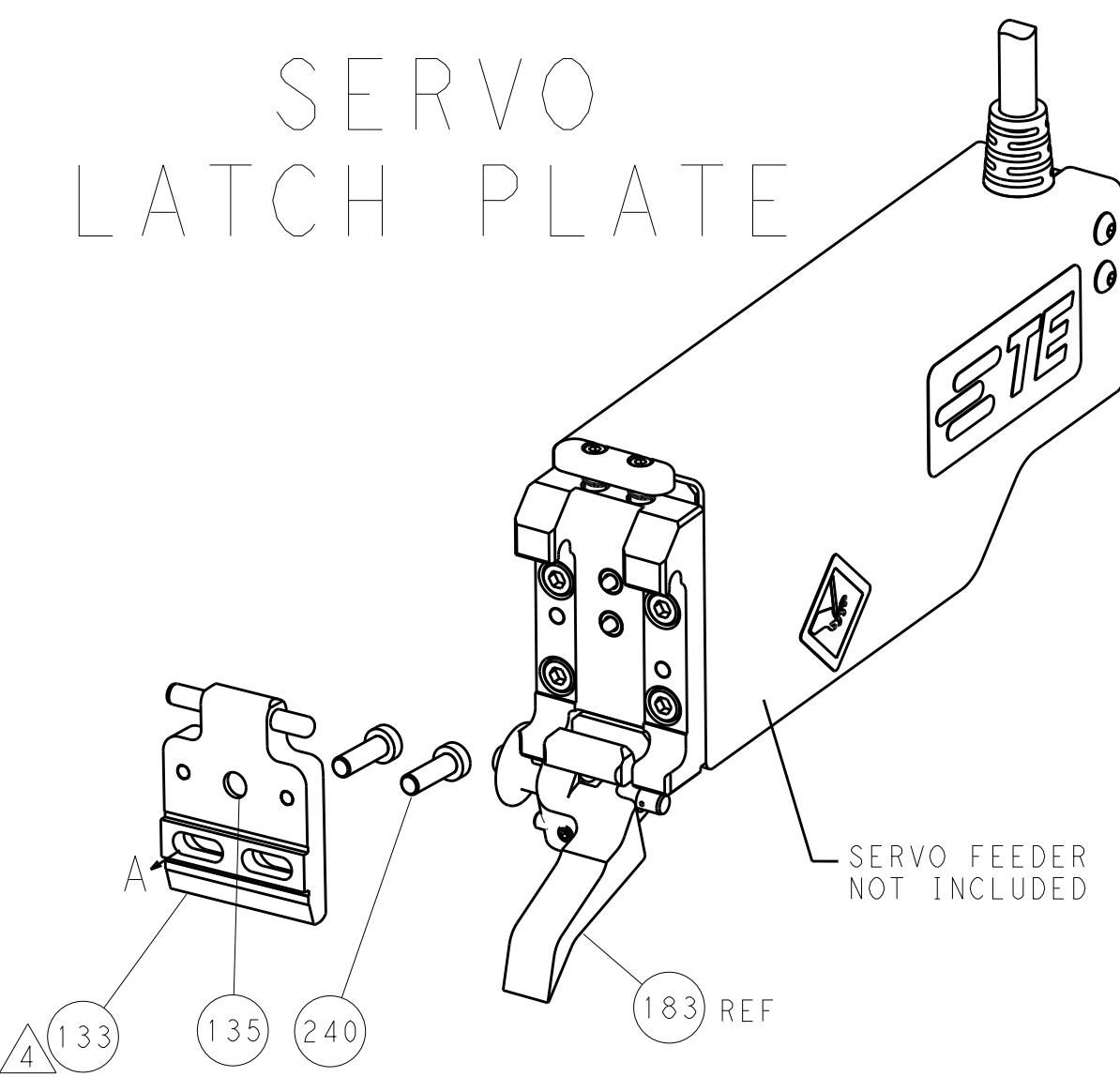
FEED TYPE MECHANICAL



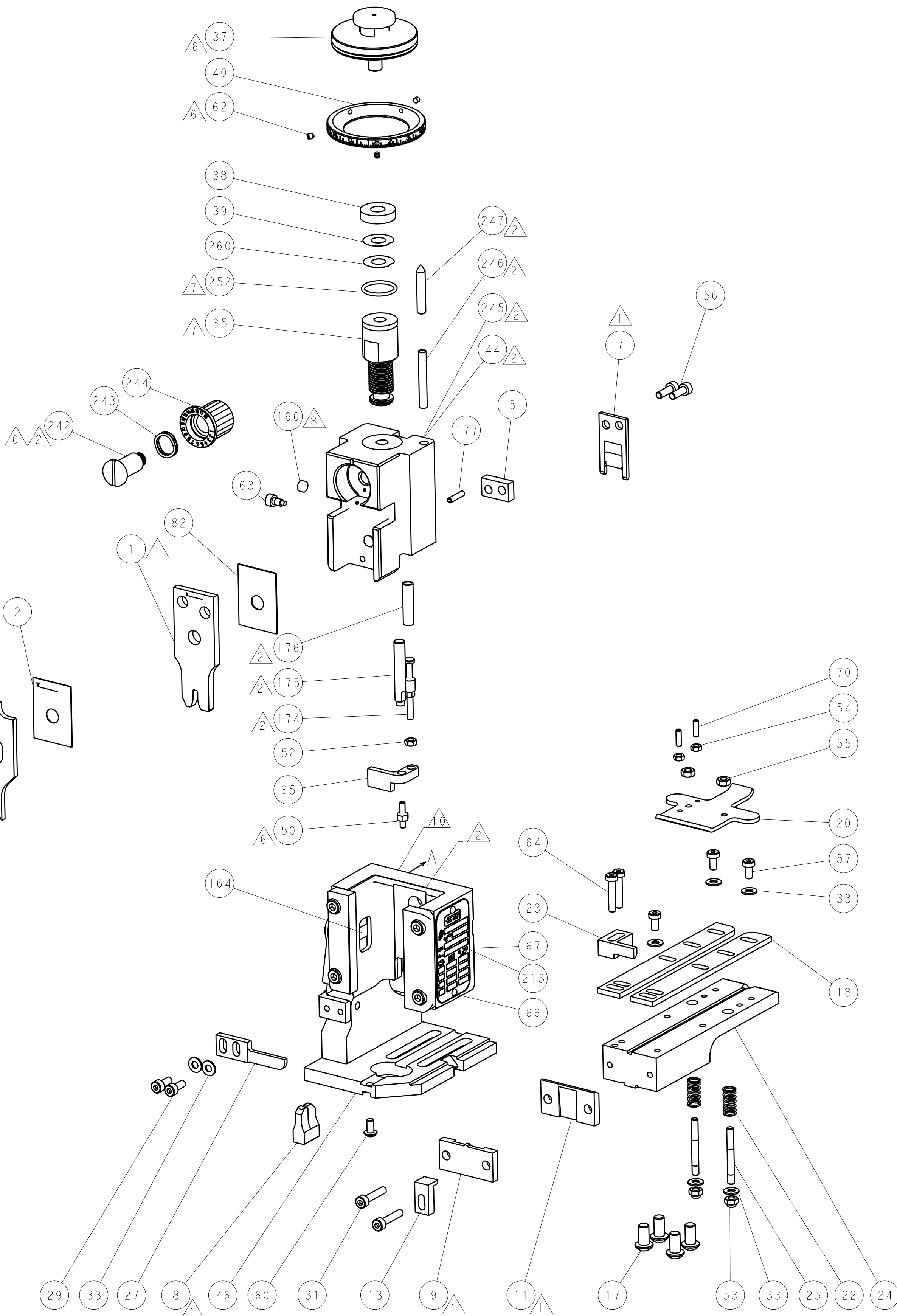
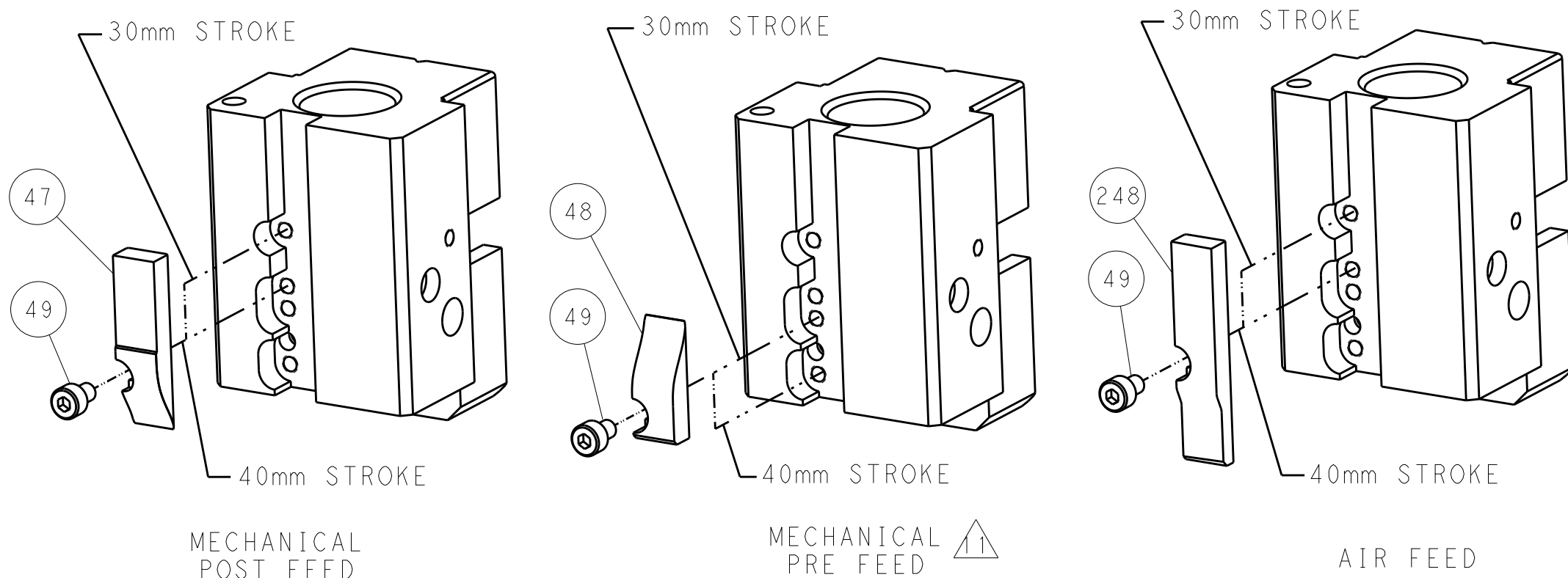
PNEUMATIC



SERVO LATCH PLATE



CAM POSITIONS



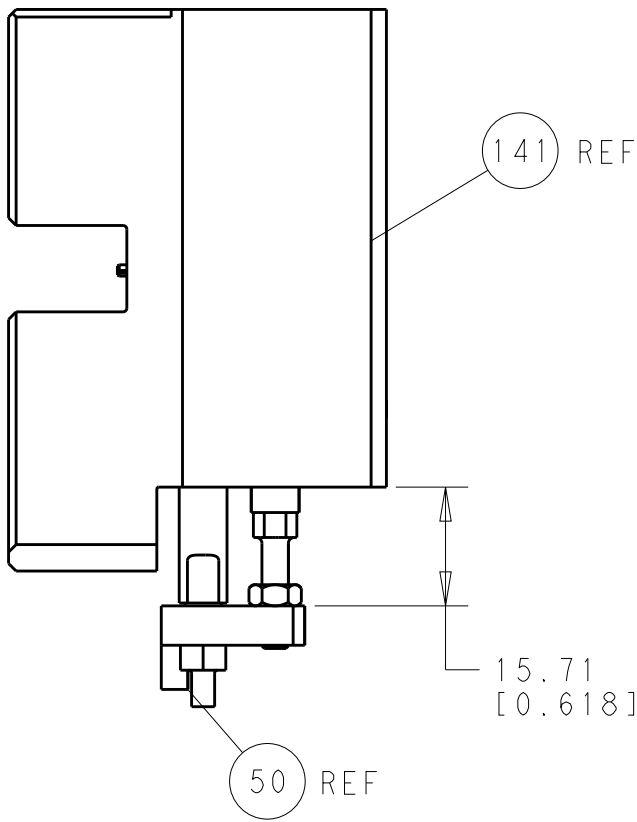
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE.		DWN R.O. WILSON 11FEB2013		TE Connectivity	
CHK K.J. STAKEM 12FEB2013		NAME		Harrisburg, PA 17105-3608	
APVD T.L. ELGIN 12FEB2013		PRODUCT SPEC		Ocean End Feed Applicator	
APPLICATION SPEC		SIZE		CAGE CODE	
MATERIAL		WEIGHT		DRAWING NO	
FINISH		Customer Accessible Production Drawing		SCALE	
		1:1		SHEET 2 OF 4	
				REV A	

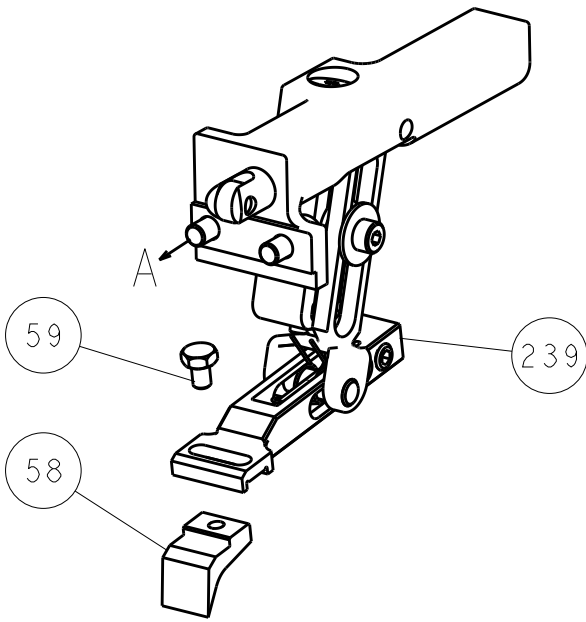
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A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

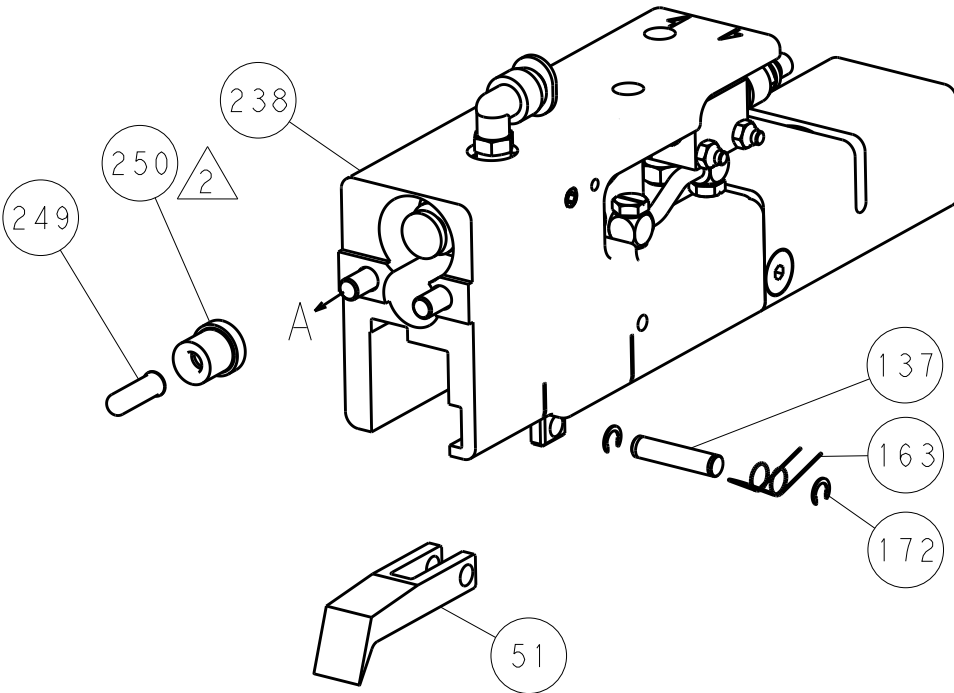
HOLDDOWN SET-UP



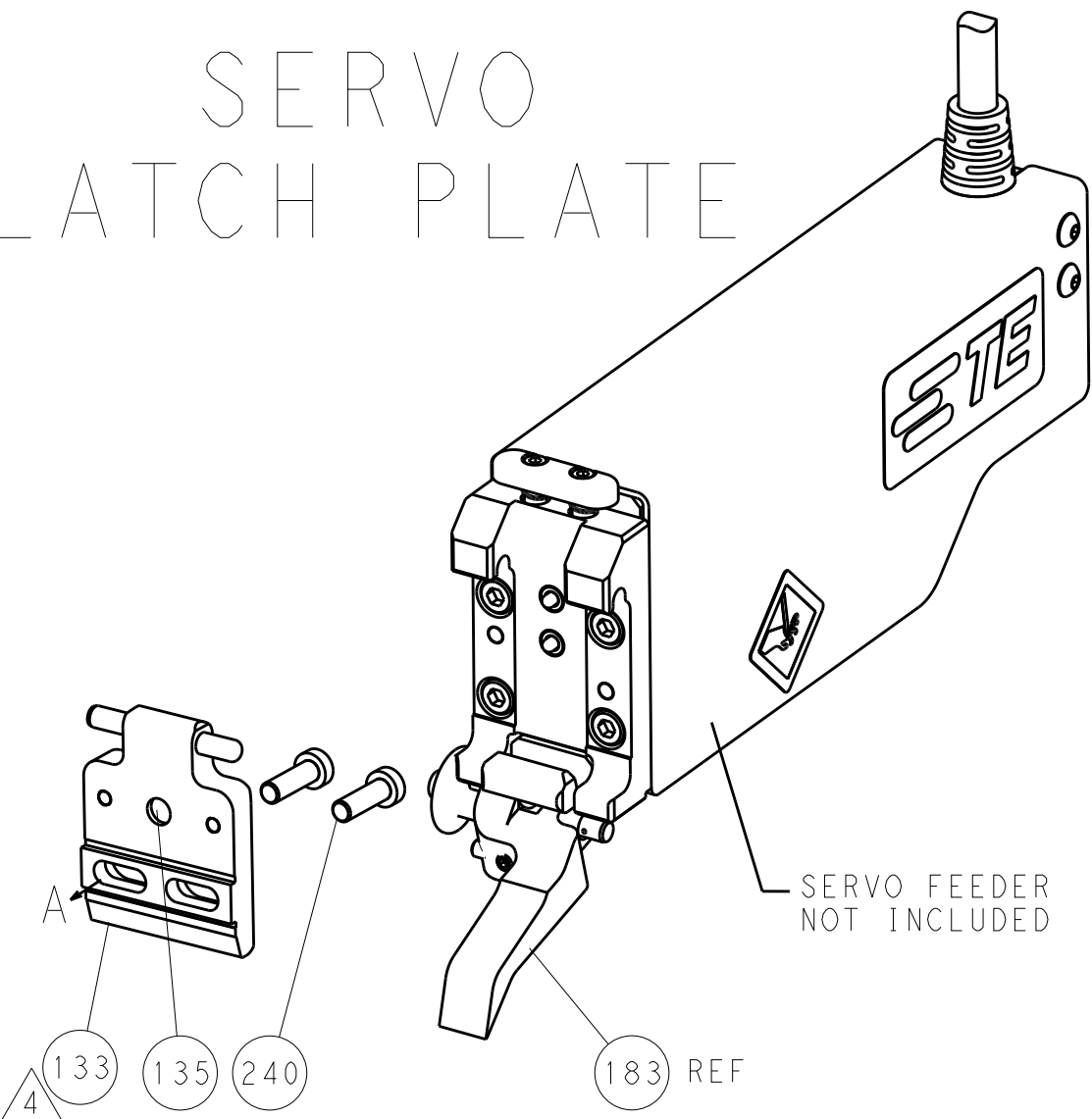
FEED TYPE
MECHANICAL



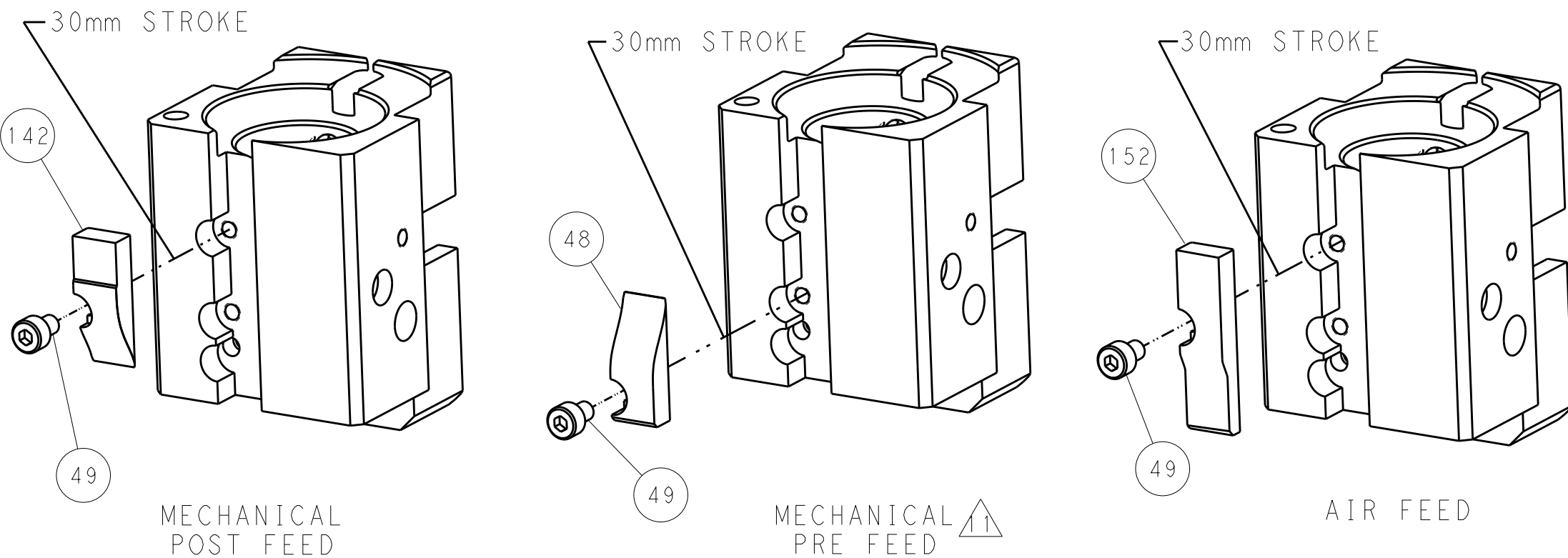
PNEUMATIC



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)

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.13 4 PLC ±0.0001 ANGLES FINISH		DWN R.O. WILSON 11FEB2013 CHK K.J. STAKEM 12FEB2013 APVD T.L. ELGIN 12FEB2013		NAME Ocean End Feed Applicator	
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO A1 00779 C=2150314		RESTRICTED TO	
Customer Accessible Production Drawing		SCALE 1:1		SHEET 4 OF 4		REV A	