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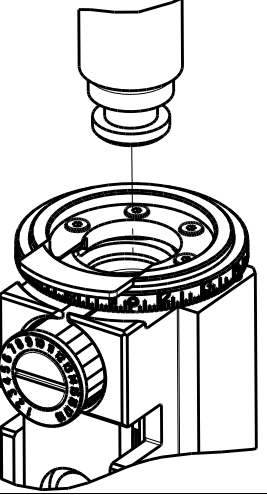
RELEASED FOR PUBLICATION

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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER



PART
NUMBER

2-2151570-1

REVISION

A

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

2119951-1

2161326-1

MECHANICAL FEED

2119949-1

SERVO LATCH PLATE

2119951-1

SMART APPLICATOR

2161326-1

MECHANICAL FEED

2119949-1

PNEUMATIC FEED

2119950-1

-

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2-2151570-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

2119949-1

SERVO LATCH PLATE

2119951-1

SMART APPLICATOR

2161326-1

MECHANICAL FEED

2119949-1

PNEUMATIC FEED

2119950-1

-

-

2-2151570-5

A

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

MECHANICAL FEED

2119949-1

PNEUMATIC FEED

2119950-1

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-

2-2151570-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

7-2151570-7

A

CRIMP TOOLING KIT

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.54 mm [.100]

F

INSUL

4.19 mm [.165]

O

APPLICATOR INSTRUCTIONS

408-10389



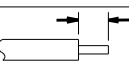
TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: MCON 2.8-RECEPTACLE-SWS

WIRE STRIP LENGTH

4.50-5.10 mm [.177-.201 IN]



INSULATION DIAMETER RANGE

Ø2.20-3.00 mm [.087-.118 IN]



TERMINAL APPLICATION SPECIFICATION

114-18718

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE SEAL

TE SEAL

1670804-1

1670804-3

828905-1

WIRE SIZE



2.50mm2¹

CRIMP HEIGHT mm [INCH]



1.83+/-0.05 [.072+/- .002]

CRIMP HEIGHT REFERENCE SETTING



12.2

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: 8-2151570-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151570-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151570-5

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 50.

7

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.

8

MAGNET MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

13

TO BE USED ONLY FOR ACOME-CABLE WITH WIRE SIZE 2.5mm²

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.

14

TO BE USED ONLY FOR ACOME-CABLE WITH WIRE SIZE 2.5mm²

13

THIS APPLICATOR APPLIES TERMINAL WITH A SEAL.

14

APPLY TORO-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.

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2119599-1

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2119083-1

RETAINER, INSULATION DIAL

242

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7-18023-7

SCR, SKT HD CAP M3 X 4.0

241

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2168400-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

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2119580-1

MECHANICAL FEED ASSEMBLY

239

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2063440-1

AIR FEED MODULE

238

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2119740-2

TAG, IDENTIFICATION

213

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1901094-3

SPACER, FEEDER

198

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993111-1

PIN, SLOTTED SPRING 3.0 X 20.0

177

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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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994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

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REF

994970-2

COUNTER, MAGNETIC

164

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240638-1

SPRING, FEED FINGER

163

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8-21084-1

O-RING, .801 ID, .070 DIA. MAT.

152

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2119641-2

FEED CAM, AIR FEED

151

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2119798-2

DETENT PIN

145

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2079383-8

SCR, BHSC, RoHS (M4 X 16)

144

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2168400-5

SHCS, LOW HEAD, RoHS, M4 X 20

143

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2119653-2

FEED CAM, POST FEED

142

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1-2119656-0

APPLICATOR BASIC ASSEMBLY, SF

141

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2119650-1

RAM, ASIAN STYLE, SIDE FEED

140

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2119092-2

BOLT, ADJUSTMENT

139

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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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SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

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1633743-1

SERVO FEED LATCH ASM

133

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LOC		DIST		REVISONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
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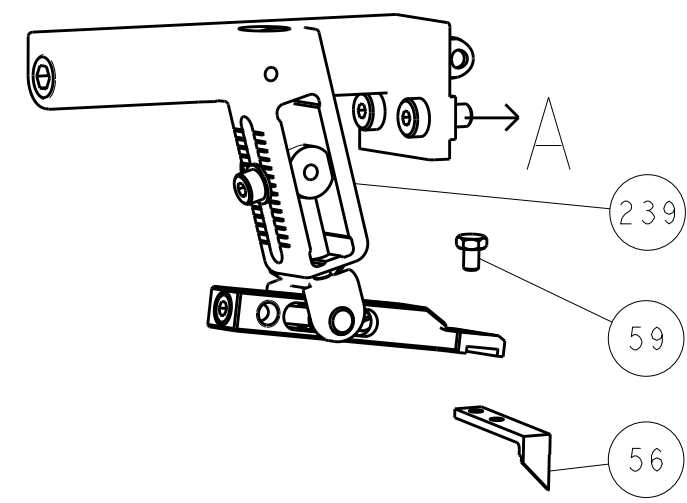
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

C

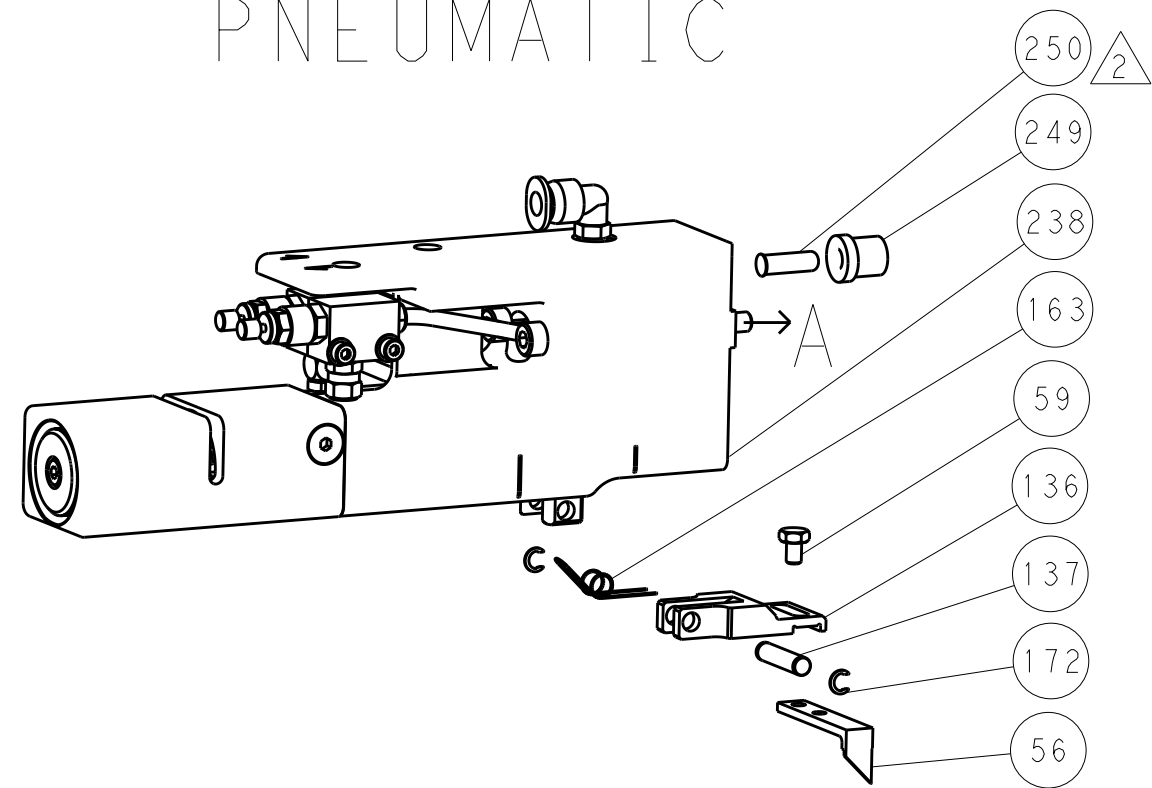
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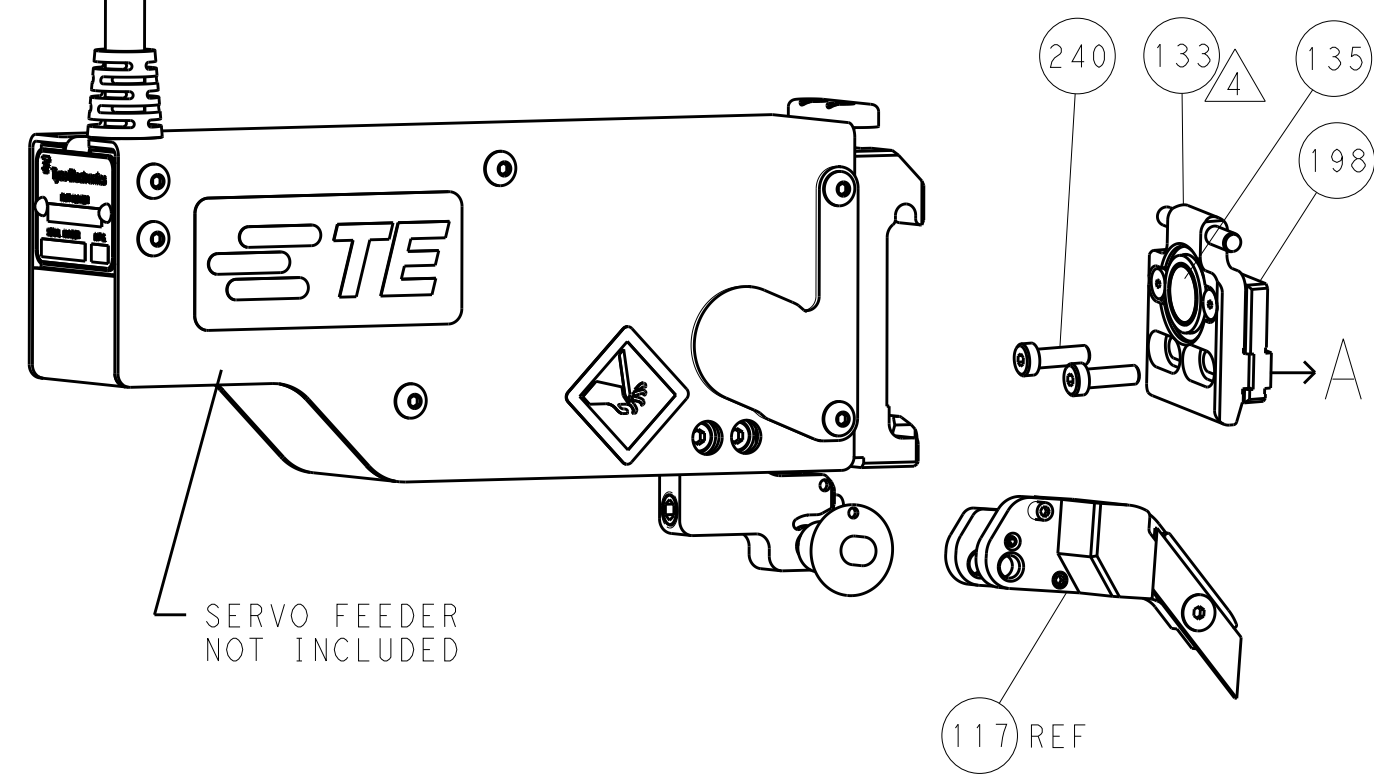
FEED TYPE MECHANICAL



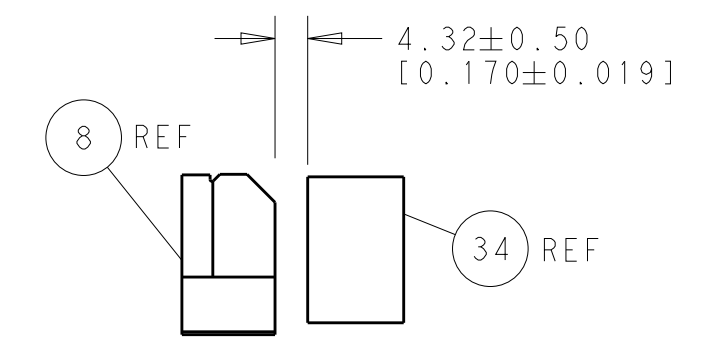
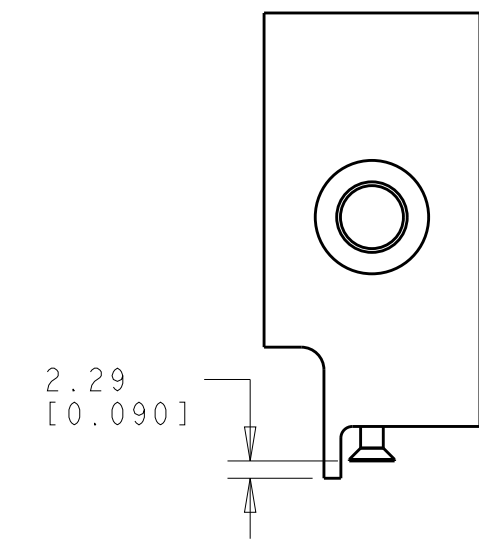
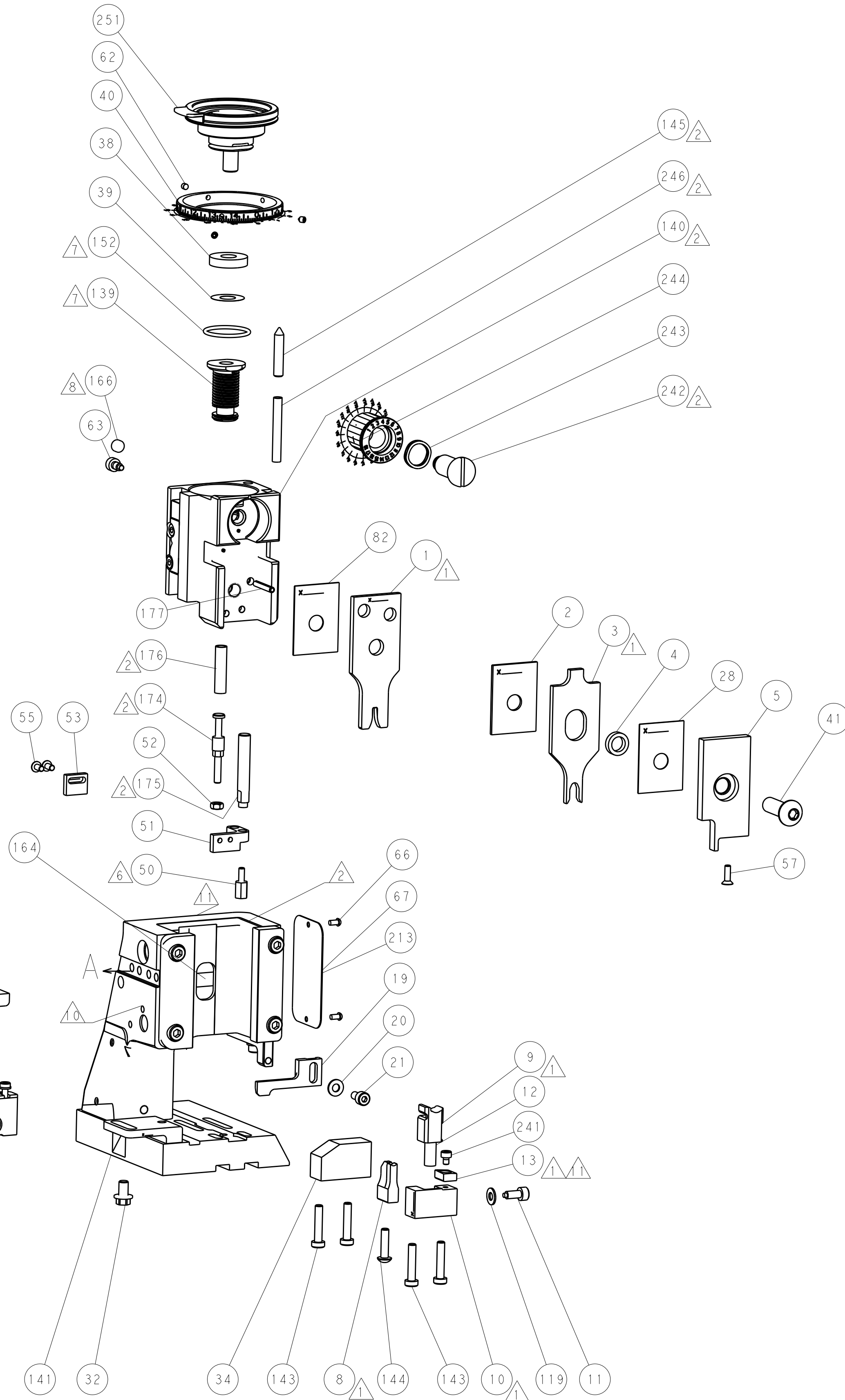
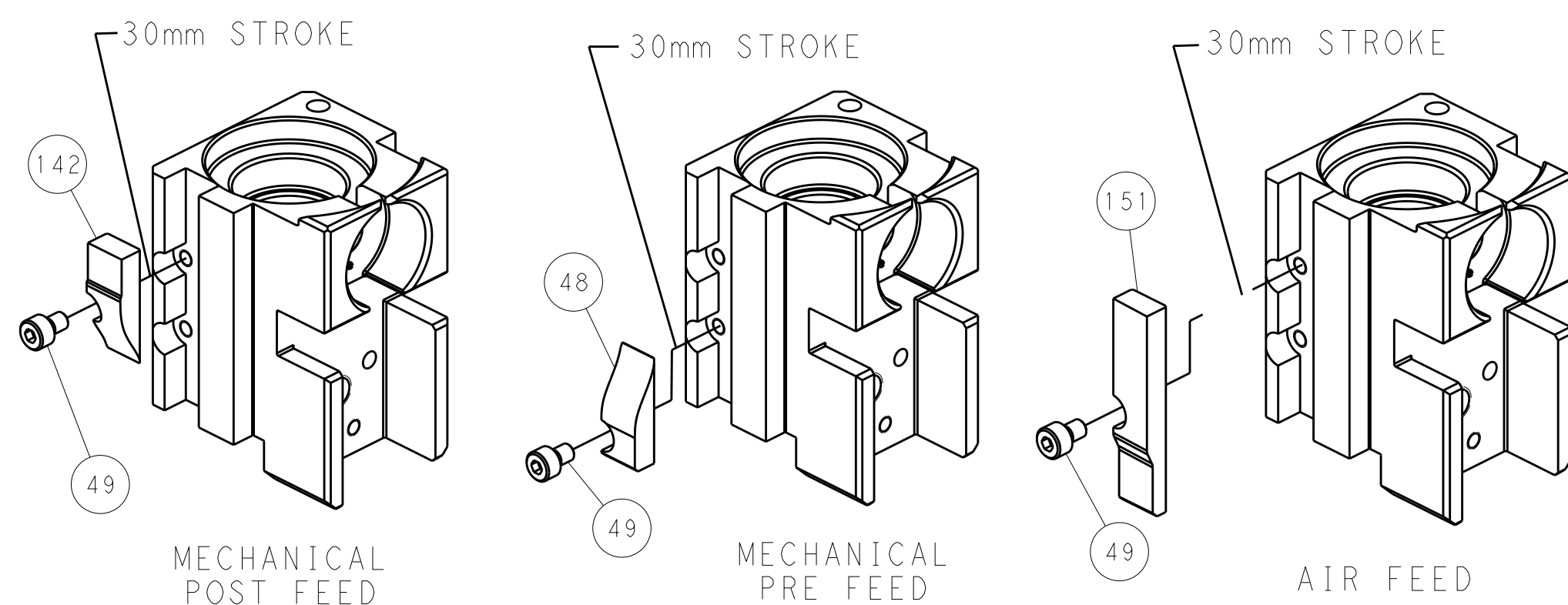
PNEUMATIC



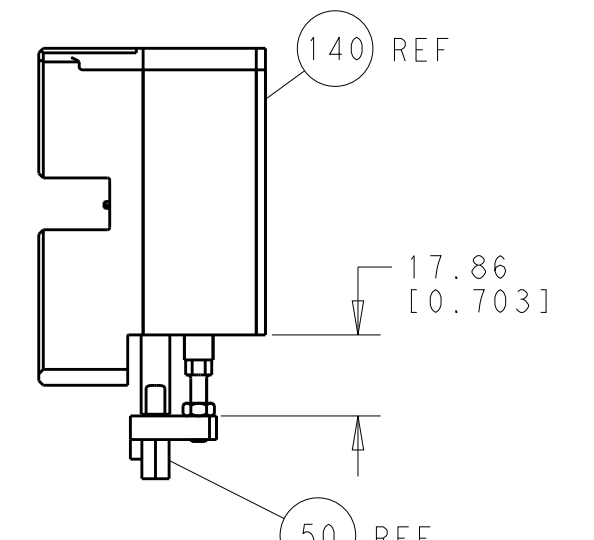
SERVO LATCH PLATE



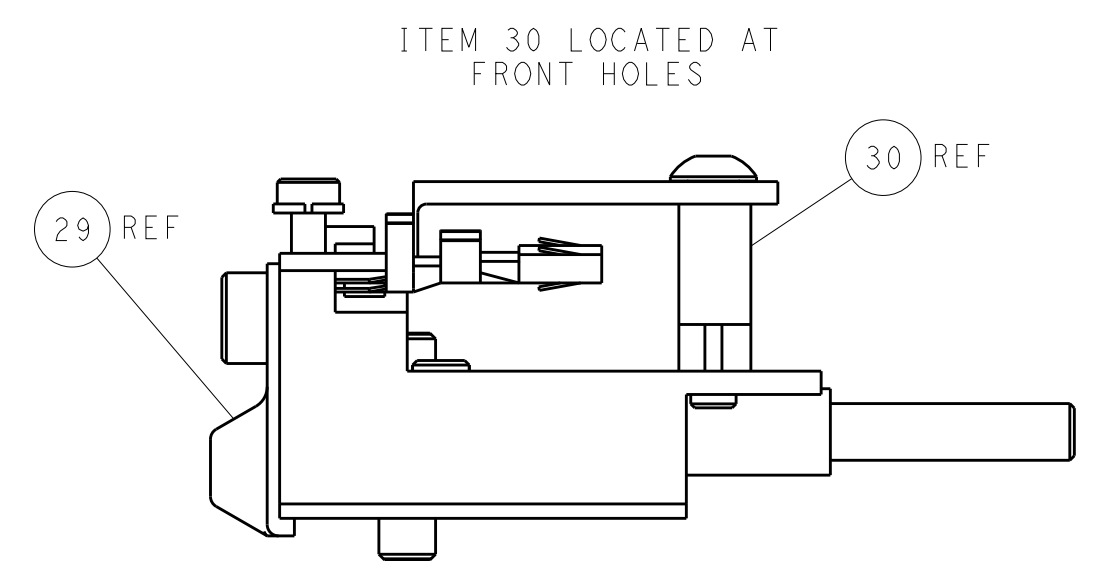
CAM POSITIONS



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)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. ANY CHANGES TO THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN	Y. YIN	12JUN2012	 TE Connectivity Harrisburg, PA 17105-3608		
		CHK	G. BAILEY	12JUN2012			
		APVD	S. XI	12JUN2012	NAME Ocean Side Feed Applicator -		
		PRODUCT SPEC					
		APPLICATION SPEC					
		WEIGHT		RESTRICTED TO			
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		SCALE		1:2			
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