

8		7	
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2015		2015	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2150143-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2150143-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150143-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2150143-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2150143-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [1.110]	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .250 SERIES FASTON FLAG			
WIRE STRIP LENGTH 4.39-5.15 mm [1.173-.203 IN]		INSULATION DIAMETER RANGE Ø -	
TERMINAL APPLICATION SPECIFICATION 		-	-
114-2079		-	-
TERMINALS APPLIED 			
TE TERMINAL 63508-1	TE TERMINAL	TE TERMINAL	TE TERMINAL

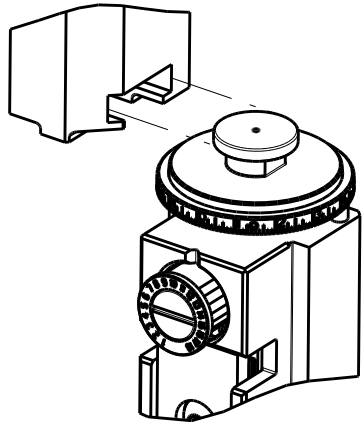
WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
14 AWG		1.78+/-0.05 [1.070+/-1.002]		5.2
16 AWG		1.55+/-0.05 [1.061+/-1.002]		7.7
18 AWG		1.40+/-0.05 [1.055+/-1.002]		9.1



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 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.
- 4 SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- 5 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.
- 6 TERMINAL LUBRICANT IS RECOMMENDED.

7. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

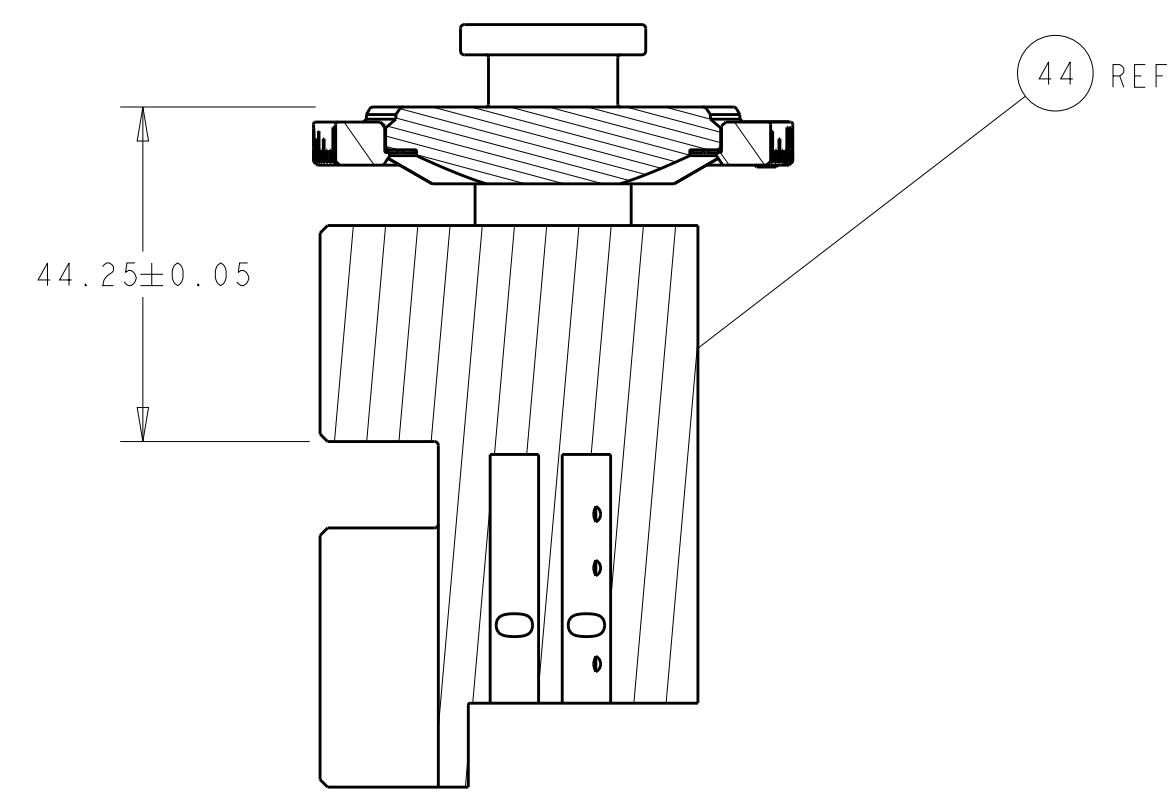
ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



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

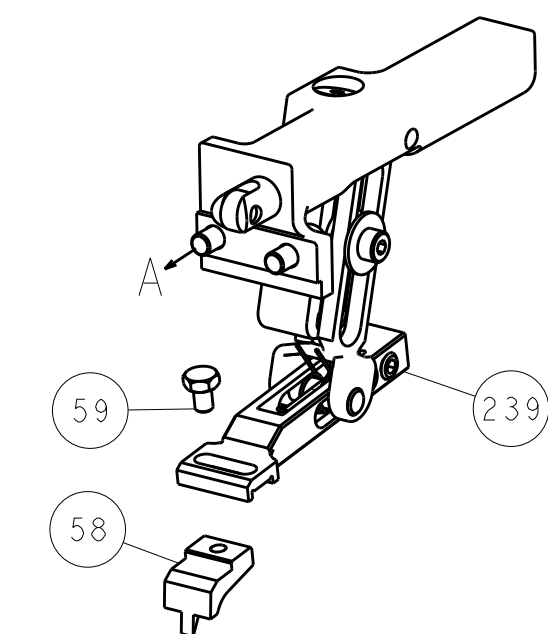
6	-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-	1	-	1	-	1803259-1	BUSHING, FLANGED	249
	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
	-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	1	-	1	-	2063440-1	AIR FEED MODULE	238
	-	1	1	1	1	1-18028-0	WASHER, FLAT, REG M8	192
	-	2	2	2	2	1-2168083-1	SCR, SKT HD CAP, RoHS, M3 X 6	191
	-	2	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
	-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	1	-	1	-	240638-1	SPRING, FEED FINGER	163
	-	1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	1	1	1	1	2119955-2	ASSY, LUBRICATOR, END FEED	84
	-	1	1	1	1	455888-7	SPACER, CRIMPER	82
	-	1	1	1	1	1803607-2	DOCUMENTATION PACKAGE	71
	-	2	2	2	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	70
	-	1	1	1	1	2119740-1	TAG, IDENTIFICATION	67
	-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
	-	-	1	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-	-	1	-	1	2063961-6	FEED FINGER	58
	-	4	4	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	57
	-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	56
	-	2	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
	-	2	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
	-	1	-	1	-	1-2119792-2	PAWL, EF, AIR	51
	-	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
	-	-	1	-	1	2119653-1	FEED CAM, POST FEED	47
	-	1	1	1	1	2119655-5	APPLICATOR BASIC ASSEMBLY, EF	46
	-	1	1	1	1	1803517-1	RAM ASSEMBLY, EF ATLANTIC	44
	-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	8	8	8	8	1-18028-2	WASHER, FLAT, REG M4	33
	-	2	2	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	31
	-	2	2	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
	-	1	1	1	1	468281-1	STRIPPER	27
	-	2	2	2	2	1-2168083-6	SCR, SKT HD CAP, RoHS, M4 X 35	25
	-	1	1	1	1	2161922-4	PLATE, STRIP GUIDE	24
	-	2	2	2	2	22281-6	SPRING, COMPRESSION	22
	-	1	1	1	1	1633168-2	ARM, STOCK DRAG	21
	-	1	1	1	1	464452-4	DRAG, STOCK	20
	-	1	1	1	1	7-1901696-6	STRIP GUIDE, REAR	19
	-	1	1	1	1	7-1901695-7	STRIP GUIDE, FRONT	18
	-	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17
	-	2	2	2	2	469633-4	BLOCK, SUPPORT	14
	-	1	1	1	1	1-240644-7	PLATE, REAR SHEAR	11
	-	2	2	2	2	8-240645-6	SPACER, SHEAR PLATE	10
-	1	1	1	1	1-240642-1	PLATE, FRONT SHEAR	9	
-	1	2	2	1	1	3-1803059-6	ANVIL, COMBINATION, END FEED	8
-	1	1	1	1	1	2-469634-0	BLADE, SLUG	7
-	-	-	-	-	-	-	6	
-	1	1	1	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
-	-	-	-	-	-	-	3	
-	-	-	-	-	-	-	2	
-	1	2	2	1	1	2-464112-4	CRIMPER, WIRE	1
-	77	72	71	2	-1	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND SHOULD BE USED ONLY FOR THE LATEST EDITION. IT IS SUBJECT TO CHANGE AND SHOULD BE USED ONLY FOR THE LATEST EDITION. IT IS SUBJECT TO CHANGE AND SHOULD BE USED ONLY FOR THE LATEST EDITION.		OWN B. WEAVER CHK T. ELBIN APVD T. ELBIN	04MAR2015 04MAR2015 04MAR2015	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		NAME Ocean End Feed Applicator	
MATERIAL -		WEIGHT -		SIZE A1	
Customer Accessible Production Drawing		SCALE 1:1		SHEET 1 OF 4	
REV C		REV C		REV C	

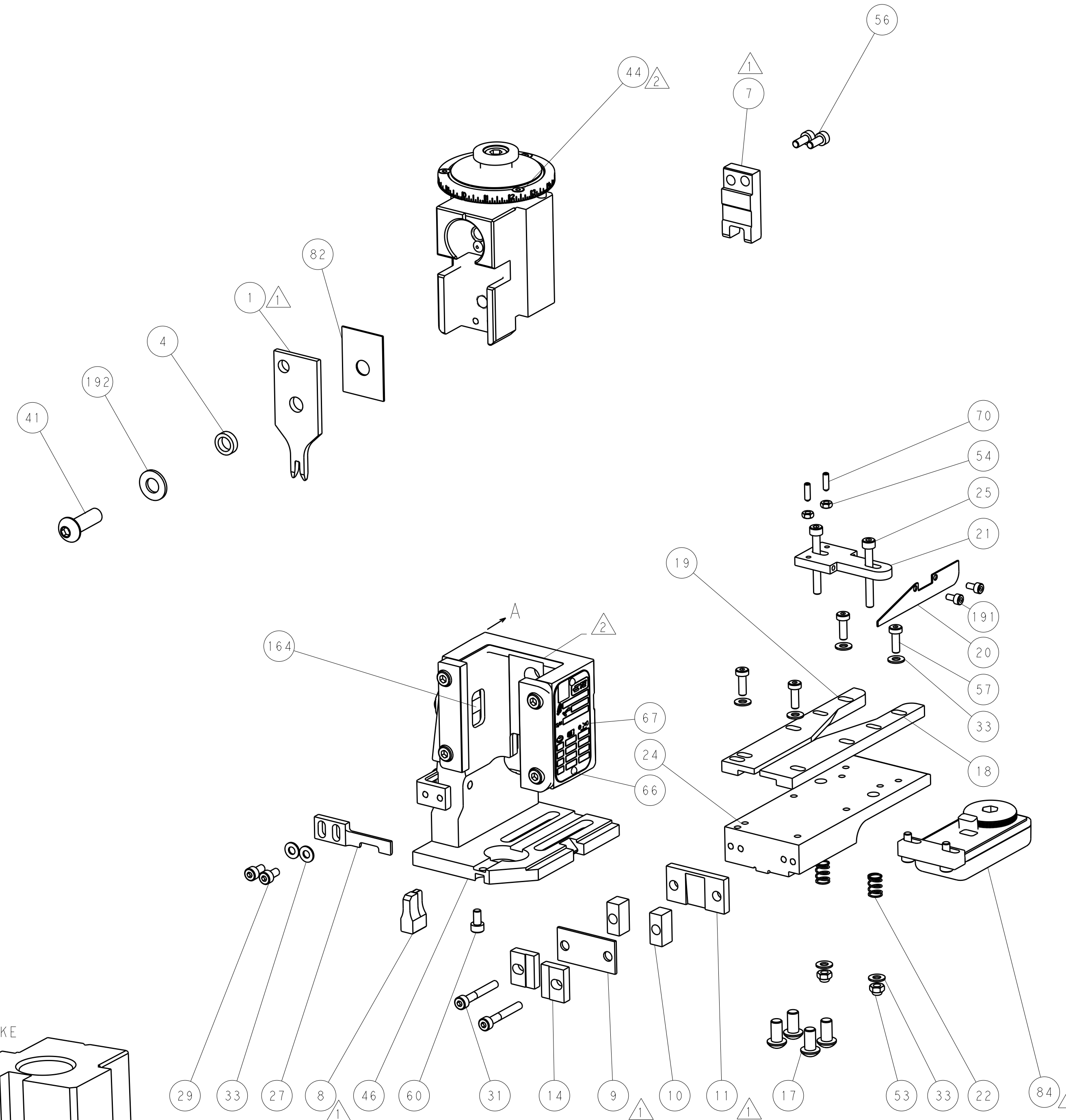
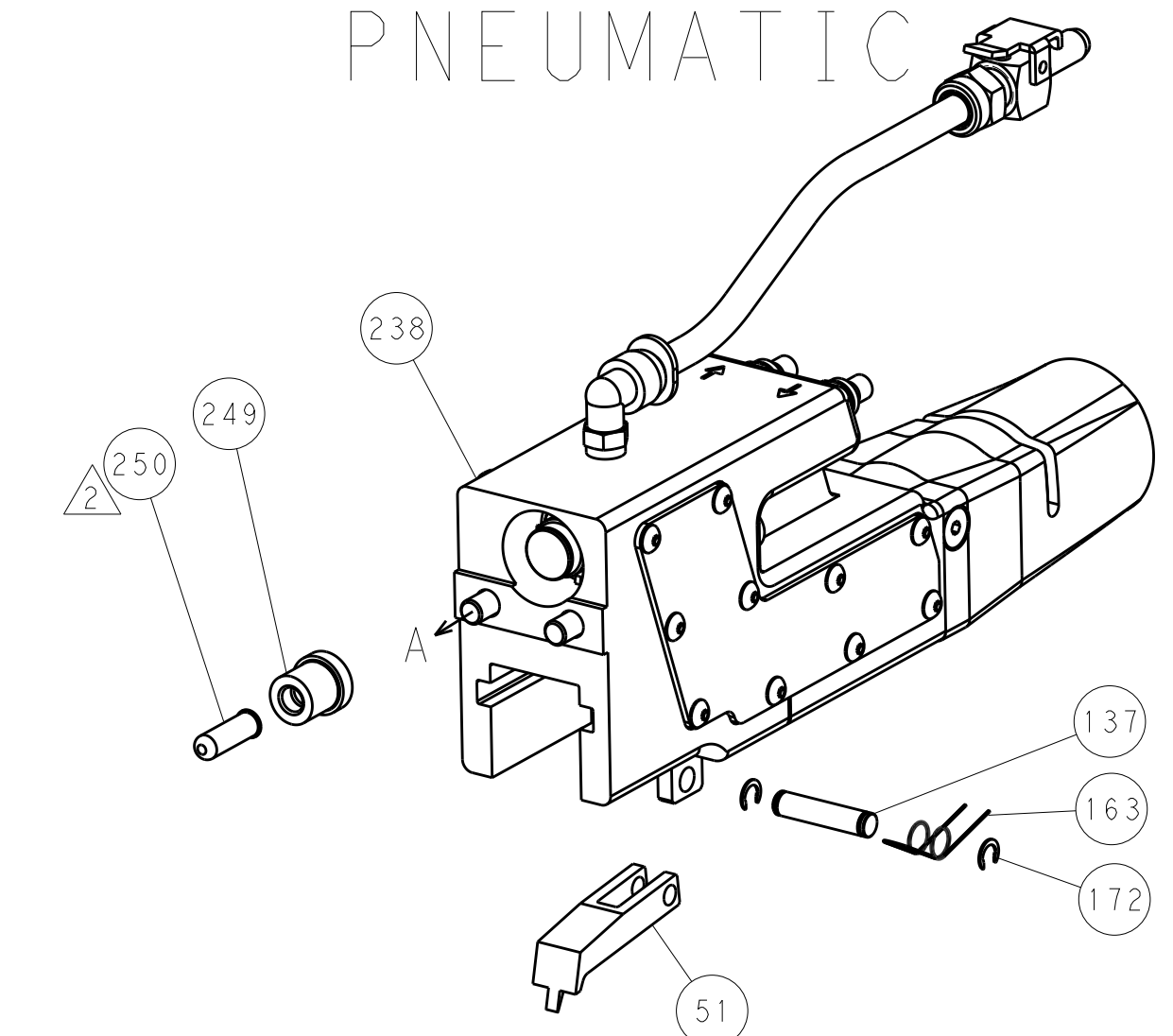


RAM SET-UP

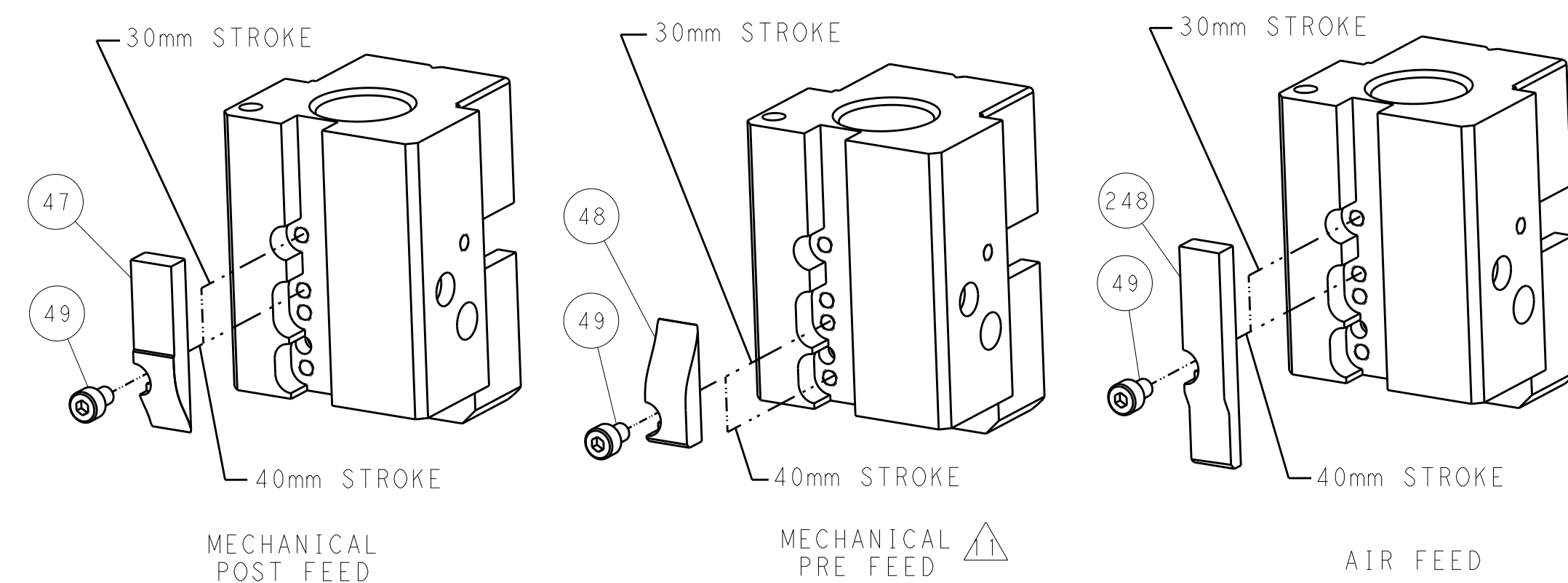
FEED TYPE
MECHANICAL



PNEUMATIC

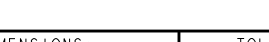


CAM POSITIONS



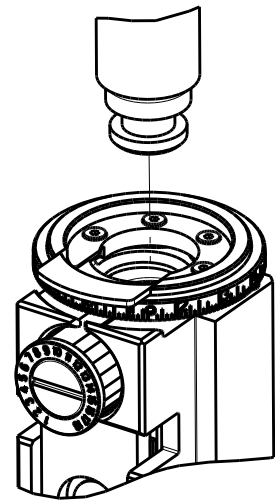
ATLANTIC VERSION

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

THIS DRAWING IS A COMPUTER GENERATED DRAWING. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF THE COMPANY. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHALL BE RESPONSIBLE FOR ANY CHANGES.		DWN: 04MAR2015 P: <u>WEAVER</u> CHK: 04MAR2015 T: <u>ELBIN</u> APVD: 04MAR2015 T: <u>ELBIN</u>		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±. 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH		NAME: Ocean End Feed Applicator SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO: A 00779 C=2150143 - Customer Accessible Production Drawing	
		PRODUCT SPEC: APPLICATION SPEC: WEIGHT:		SCALE: 1:1 SHEET 2 OF 4 REV C	
MATERIAL:		WEIGHT:		SCALE: 1:1 SHEET 2 OF 4 REV C	

8		7	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2150143-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2150143-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150143-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [.110]	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .250 SERIES FASTON FLAG			
WIRE STRIP LENGTH 4.39-5.15 mm [.173-.203 IN]		 INSULATION DIAMETER RANGE Ø -	
TERMINAL APPLICATION SPECIFICATION 		114-2079	- -
TERMINALS APPLIED 		-	-
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
63508-1			

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
14 AWG		1.78+/-0.05 [.070+/- .002]		5.2
16 AWG		1.55+/-0.05 [.061+/- .002]		7.7
18 AWG		1.40+/-0.05 [.055+/- .002]		9.1



- 1 RECOMMENDED SPARE PARTS
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- 6 TERMINAL LUBRICANT IS RECOMMENDED.
7. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING. REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

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

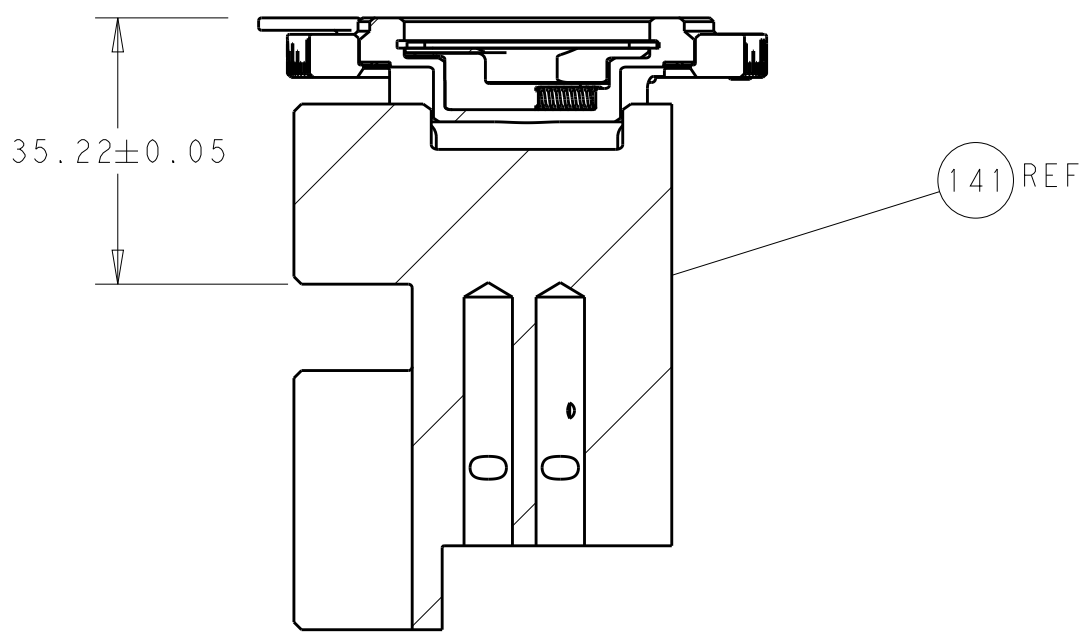
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LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1803259-1	BUSHING, FLANGED	249
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2063440-1	AIR FEED MODULE	238
-	1	1	1-18028-0	WASHER, FLAT, REG M8	192
-	2	2	1-2168083-1	SCR, SKT HD CAP, RoHS, M3 X 6	191
-	4	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	-	2119641-2	FEED CAM, AIR FEED	152
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1	1803518-1	RAM ASSEMBLY, EF PACIFIC	140
-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	1	2119955-2	ASSY, LUBRICATOR, END FEED	84
-	1	1	455888-7	SPACER, CRIMPER	82
-	1	1	1803607-2	DOCUMENTATION PACKAGE	71
-	2	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	70
-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	1	2063961-6	FEED FINGER	58
-	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	57
-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	56
-	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	-	1-2119792-2	PAWL, EF, AIR	51
-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	8	8	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	31
-	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	1	468281-1	STRIPPER	27
-	2	2	1-2168083-6	SCR, SKT HD CAP, RoHS, M4 X 35	25
-	1	1	2161922-4	PLATE, STRIP GUIDE	24
-	2	2	22281-6	SPRING, COMPRESSION	22
-	1	1	1633168-2	ARM, STOCK DRAG	21
-	1	1	464452-4	DRAG, STOCK	20
-	1	1	7-1901696-6	STRIP GUIDE, REAR	19
-	1	1	7-1901695-7	STRIP GUIDE, FRONT	18
-	2	2	469633-4	BLOCK, SUPPORT	14
-	1	1	1-240644-7	PLATE, REAR SHEAR	11
-	2	2	8-240645-6	SPACER, SHEAR PLATE	10
-	1	1	1-240642-1	PLATE, FRONT SHEAR	9
1	1	1	3-1803059-6	ANVIL, COMBINATION, END FEED	8
-	1	1	2-469634-0	BLADE, SLUG	7
-	-	-	-	-	6
-	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
-	-	-	-	-	3
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1	1	1	2-464112-4	CRIMPER, WIRE	1
-	77-22-21		PART NO	DESCRIPTION	ITEM NO

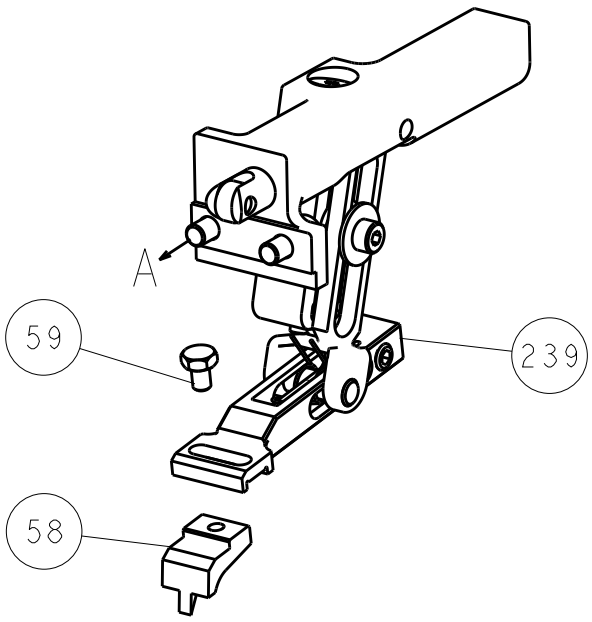
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND SHOULD BE CONTACTED FOR THE LATEST EDITION.				OWN B. WEAVER 04MAR2015 CHK T. ELBIN 04MAR2015 APVD T. ELBIN 04MAR2015		 TE Connectivity Harrisburg, PA 17105-3608									
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
mm		0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1		APPLICATION SPEC		Ocean End Feed Applicator		A1		00779		C=2150143		-	
MATERIAL		FINISH		WEIGHT		Customer Accessible Production Drawing		SCALE		1:1		SHEET 3 OF 4		REV C	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

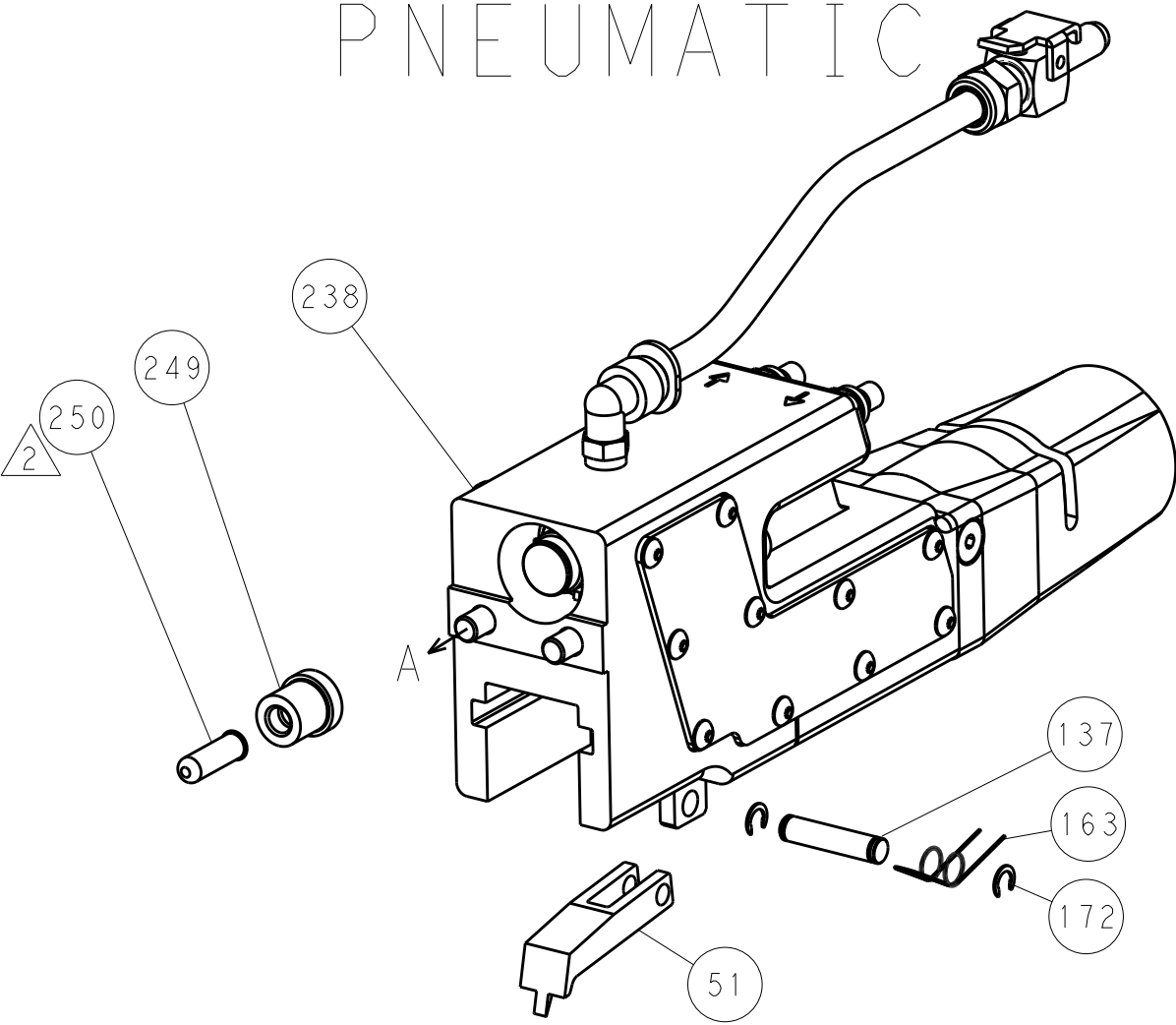
LOC		DIST		REVISONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



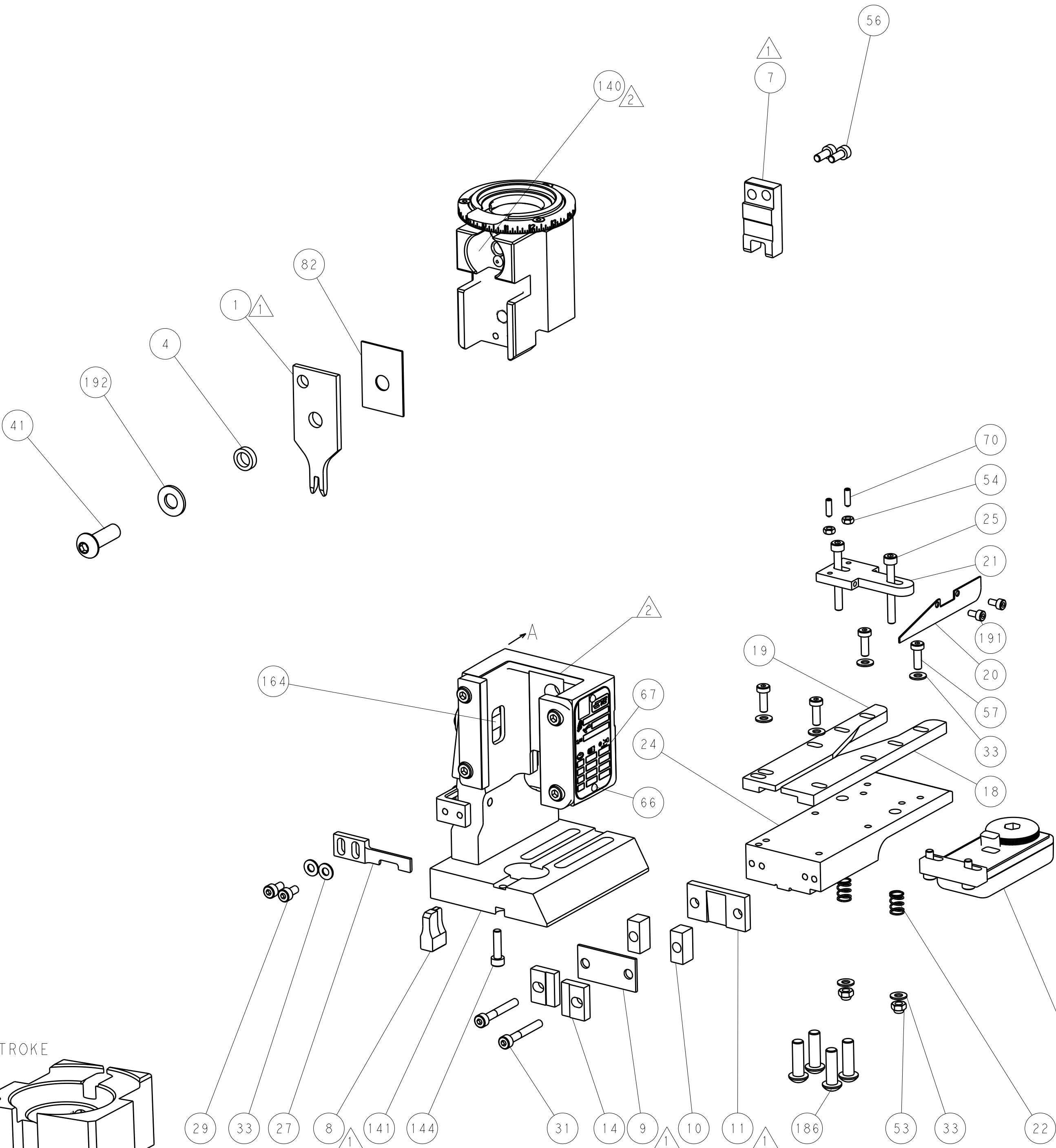
FEED TYPE
MECHANICAL



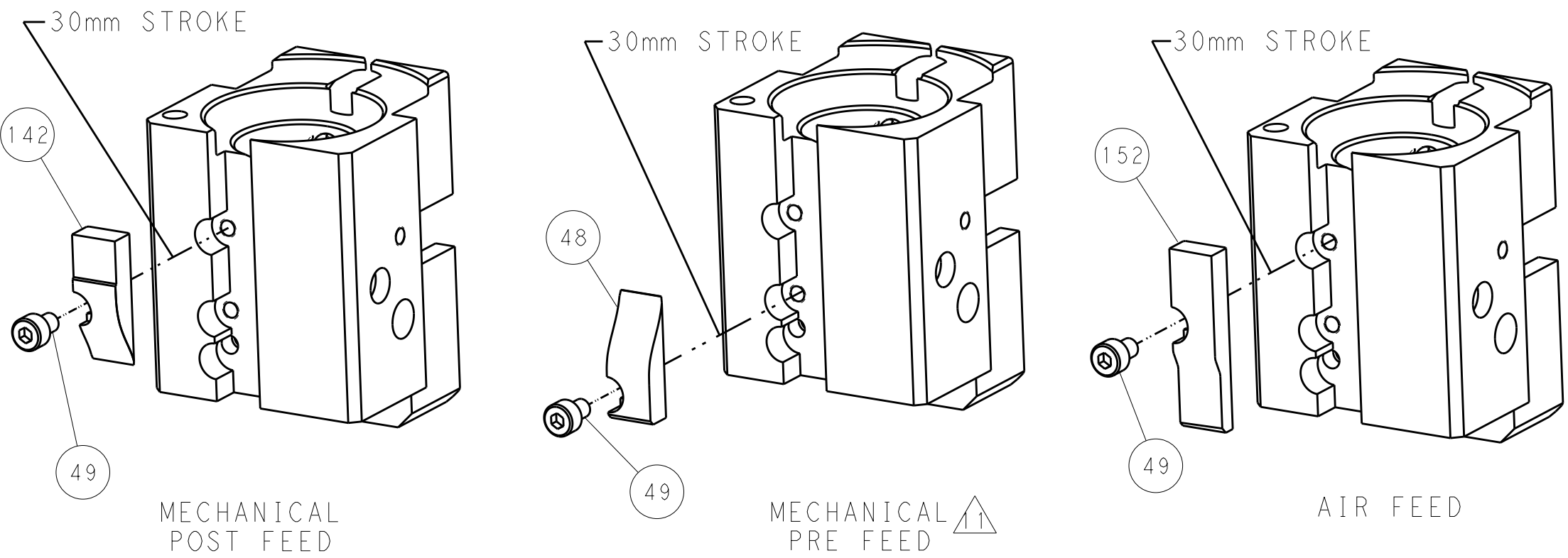
PNEUMATIC



RAM SET-UP



CAM POSITIONS



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

1ST PUBLISHED BY: COMPANY'S TOOLING FOR THE ELECTRONIC CONNECTION IT IS SUBJECT TO CHANGE AND THE COMPANY'S TOOLING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST POSITION.				DWN B. WEAVER 04MAR2015	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm				CHK T. ELBIN 04MAR2015	NAME Ocean End Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD T. ELBIN 04MAR2015	SIZE A1	
0 PLC ±.0005 1 PLC ±.0005 2 PLC ±.0005 3 PLC ±.0005 4 PLC ±.0005 ANGLES ±.0005 FINISH				PRODUCT SPEC	CAGE CODE 00779	
MATERIAL				APPLICATION SPEC	DRAWING NO C=2150143	
				WEIGHT	RESTRICTED TO	
				Customer Accessible Production Drawing	SCALE 1:1	
					SHEET 4	
					OF 4	
					REV C	