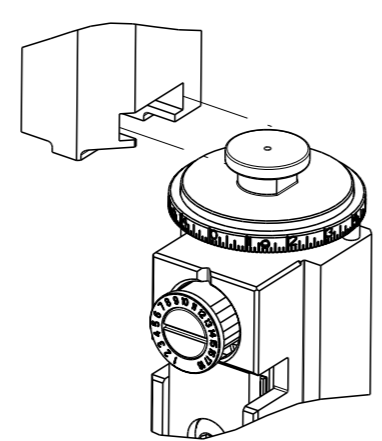


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2150314-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2150314-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150314-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2150314-2	B	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2150314-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [.110]	F
INSUL	4.57 mm [.180]	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .250 SERIES FASTIN-FASTON RECEPTACLE			
WIRE STRIP LENGTH 4.80-5.60 mm [.189-.220 IN]		INSULATION DIAMETER RANGE 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 [1.071 +/- .002]	8.5
1.50mm2	1.62 +/- 0.05 [1.064 +/- .002]	9.9
1.00mm2	1.52 +/- 0.05 [1.060 +/- .002]	10.9

- 1. RECOMMENDED SPARE PARTS
- 2. REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 50. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4. 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.
- 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. 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.

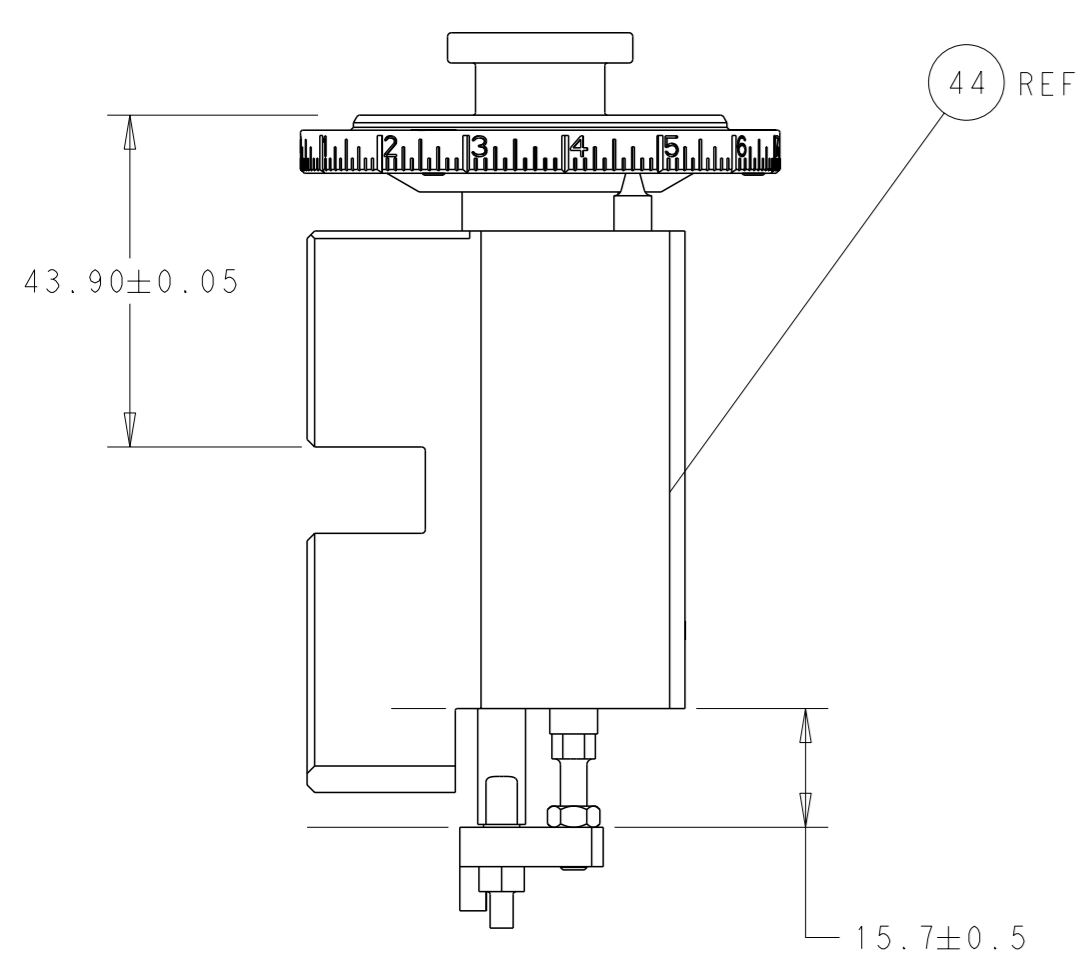
LOC	DIST	REVISIONS					
A	66	P	LYH	DESCRIPTION	DATE	OWN	APVD
		A		RELEASED	25MAR2013	RW	GB
		B		ECR-18-016008	10OCT2018	JAH	TE

-	1	-	1	-	1803259-1	BUSHING, FLANGED	250	
-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	249	
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248	
-	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244	
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243	
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242	
-	-	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	
-	1	1	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177	
-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176	
-	1	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175	
-	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174	
-	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	455888-5	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	1901681-1	HOLDDOWN, TERMINAL	65	
-	2	2	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64	
-	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	2063961-1	FEED FINGER	58	
-	3	3	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57	
-	2	2	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	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	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52	
-	1	-	1	-	2119792-2	PAWL, EF, AIR	51	
-	1	1	1	1	1-1976055-7	STANDOFF, HOLD-DOWN	50	
-	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	
-	7	7	7	7	1-18028-2	WASHER, FLAT, REG M4	33	
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31	
-	2	2	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29	
-	1	1	1	1	240639-1	STRIPPER (MACHINING)	27	
-	2	2	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25	
-	1	1	1	1	1752371-3	PLATE, STRIP GUIDE	24	
-	1	1	1	1	240825-1	PLATE, STRIP HOLD DOWN	23	
-	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22	
-	1	1	1	1	1803292-4	DRAG	20	
-	2	2	2	2	1901259-6	GUIDE, LOWER STRIP	18	
-	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17	
-	1	1	1	1	1752360-1	SPACER,HOLD-DOWN	13	
-	1	1	1	1	240833-2	PLATE, REAR SHEAR	11	
-	-	-	-	-	-	-	10	
-	1	1	1	1	690495-5	PLATE, FRONT SHEAR	9	
-	1	2	2	1	1	2-1803000-7	ANVIL, COMBINATION, END FEED	8
-	1	1	1	1	1-2217206-3	BLADE, SLUG	7	
-	-	-	-	-	-	-	6	
-	1	1	1	1	3-240641-5	SPACER	5	
-	1	1	1	1	238011-2	BLOCK, CRIMPER SPACER	4	
-	1	2	2	1	1	2119582-3	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	455888-4	SPACER, CRIMPER	2	
-	1	2	2	1	1	456408-5	CRIMPER, WIRE PREMIUM	1
-	77	72	71	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)

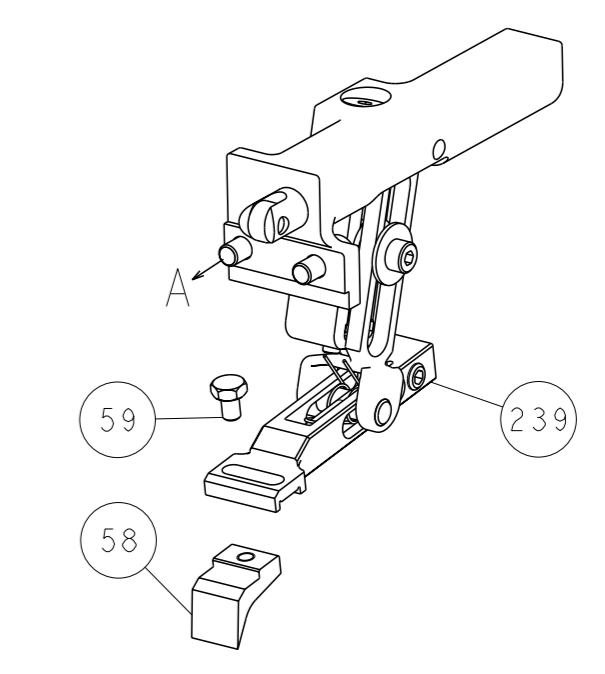
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN: R. O. WILSON 11FEB2013		TE Connectivity Harrisburg, PA 17105-3608	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	APVD: I. L. ELBIN 12FEB2013	NAME: Ocean End Feed Applicator
MATERIAL:		FINISH:		WEIGHT:		SIZE: A1 00779 ©=2150314	
				Customer Accessible Production Drawing		SCALE: 1:1 SHEET 1 of 4 REV B	

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

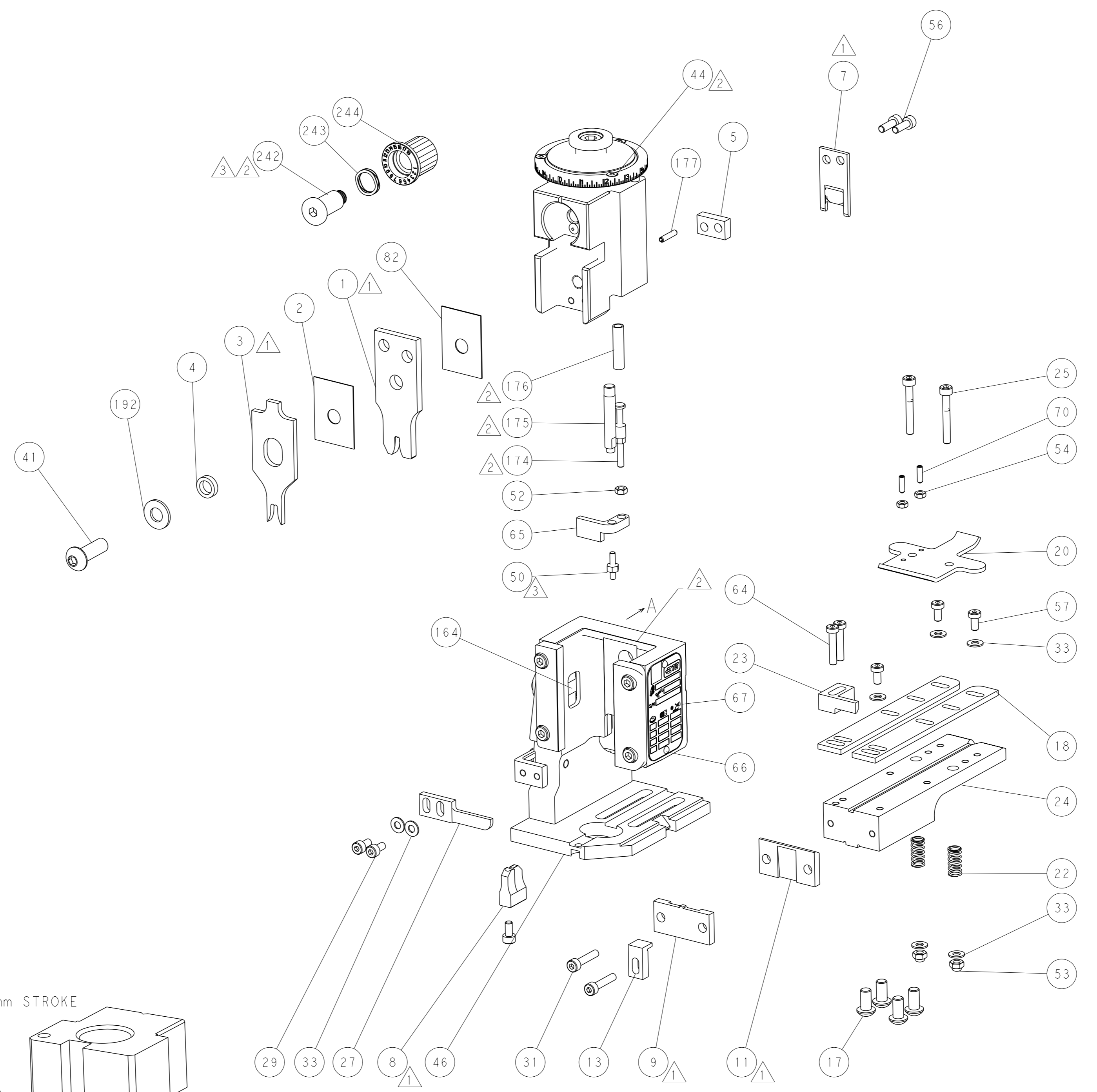
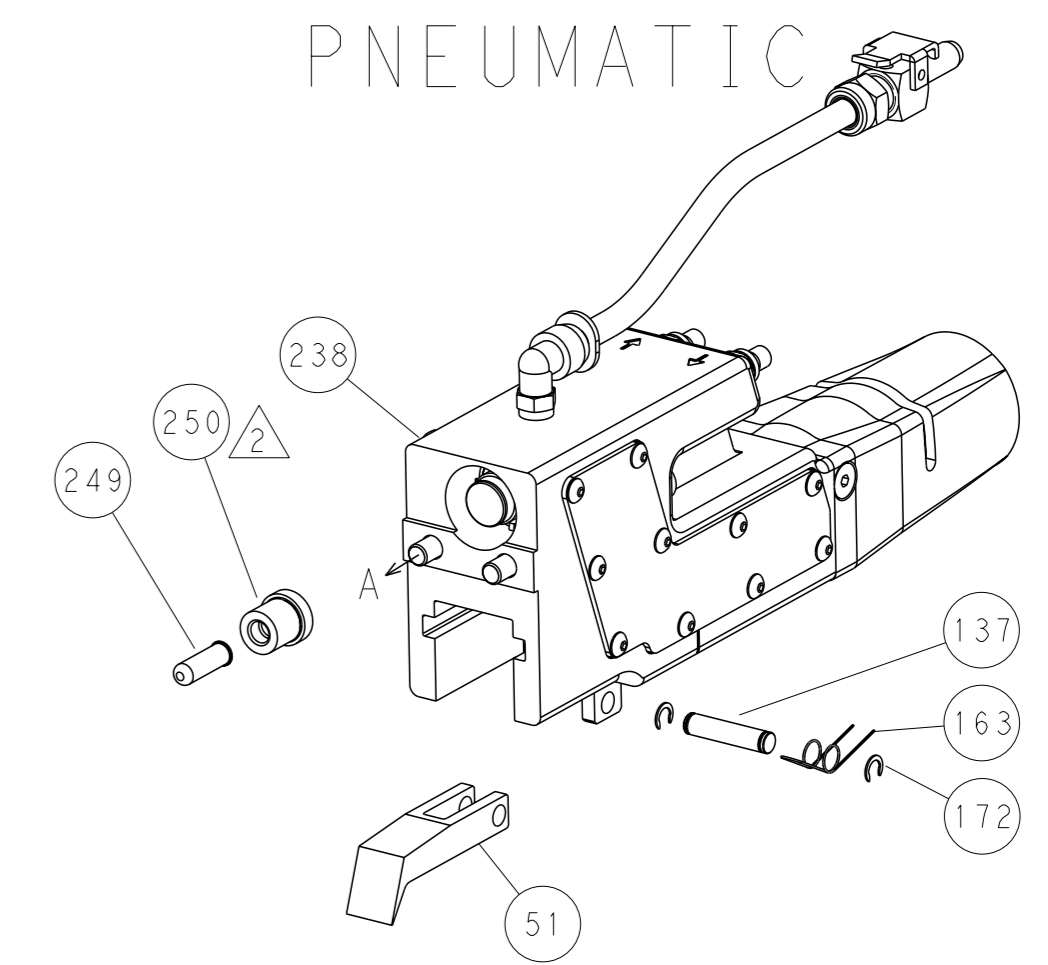


RAM AND HOLD-DOWN SET-UP

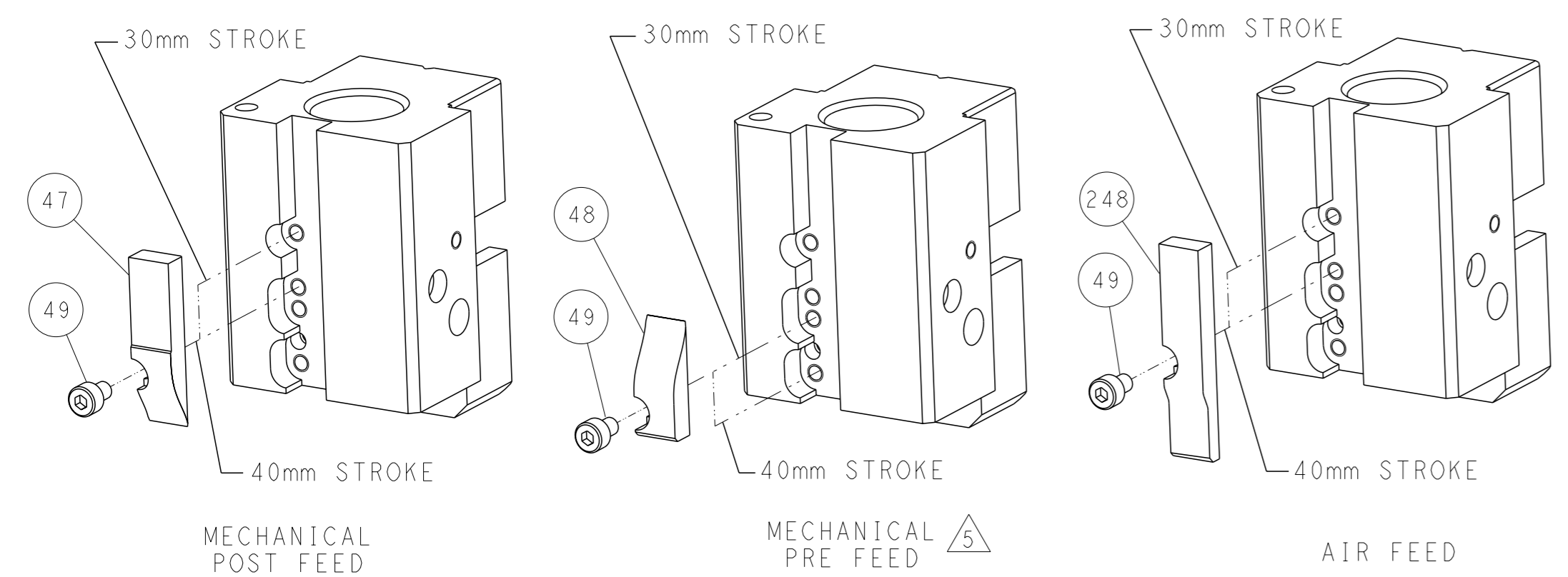
FEED TYPE  
MECHANICAL



PNEUMATIC



CAM POSITIONS

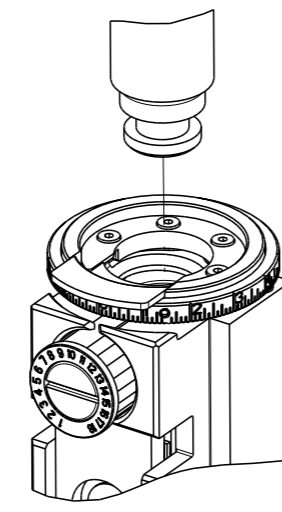


ATLANTIC VERSION  
 Shown on sheets 1 of 4 & 2 of 4  
 (Pacific version shown on sheets 3 of 4 & 4 of 4)

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FROM TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROL AND RESTRICTION DESIGNATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		OWN: R. O. WILSON CHK: K. J. STAKEM APVD: J. L. ELBIN DATE: 11FEB2013 12FEB2013 12FEB2013	NAME: Ocean End Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2150314 SCALE: 1:1 SHEET: 2 of 4 REV: B
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH ±	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH ±	WEIGHT: - RESTRICTED TO: - Customer Accessible Production Drawing	TE Connectivity Harrisburg, PA 17105-3608

THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION		
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.	20		
PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2150314-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2150314-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150314-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR  
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm (.110)	F
INSUL	4.57 mm (.180)	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .250 SERIES FASTIN-FASTON RECEPTACLE			
WIRE STRIP LENGTH 4.80-5.60 mm (.189-.220 IN)		INSULATION DIAMETER RANGE 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 [0.071 +/- .002]	8.5
1.50mm2	1.62 +/- 0.05 [0.064 +/- .002]	9.9
1.00mm2	1.52 +/- 0.05 [0.060 +/- .002]	10.9

- 1. RECOMMENDED SPARE PARTS
- 2. REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 50. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4. 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.
- 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. 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.

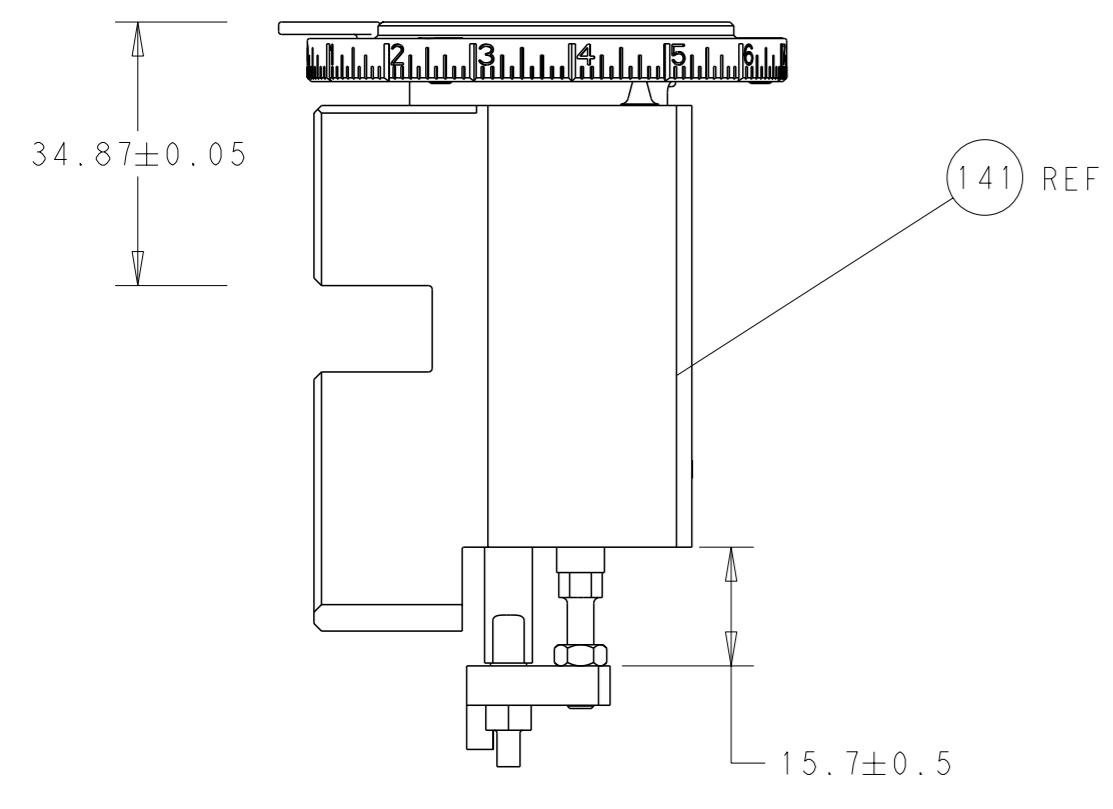
PACIFIC VERSION  
Shown on sheets 3 of 4 & 4 of 4  
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

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

-	1	1	1803259-1	BUSHING, FLANGED	250
-	1	1	2119640-1	PUSH ROD, AIR FEED	249
-	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2063440-1	AIR FEED MODULE	238
-	1	1	1-18028-0	WASHER, FLAT, REG M8	192
-	4	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
-	1	1	6-9931111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
-	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1752353-2	GUIDE PIN, HOLDDOWN	175
-	1	1	1901680-2	GUIDE PIN, HOLDDOWN	174
-	2	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	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	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	1	455888-5	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	1	1901681-1	HOLDDOWN, TERMINAL	65
-	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	1	2063961-1	FEED FINGER	58
-	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	56
-	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	-	2119792-2	PAWL, EF, AIR	51
-	1	1	1-1976055-7	STANDOFF, HOLD-DOWN	50
-	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
-	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25
-	1	1	1752371-3	PLATE, STRIP GUIDE	24
-	1	1	240825-1	PLATE, STRIP HOLD DOWN	23
-	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1803292-4	DRAG	20
-	2	2	1901259-6	GUIDE, LOWER STRIP	18
-	1	1	1752360-1	SPACER, HOLD-DOWN	13
-	1	1	240833-2	PLATE, REAR SHEAR	11
-	-	-	-	-	10
-	1	1	690495-5	PLATE, FRONT SHEAR	9
-	1	1	2-1803000-7	ANVIL, COMBINATION, END FEED	8
-	1	1	1-2217206-3	BLADE, SLUG	7
-	-	-	-	-	6
-	1	1	3-240641-5	SPACER	5
-	1	1	238011-2	BLOCK, CRIMPER SPACER	4
-	1	1	2119582-3	CRIMPER, INSULATION F PREMIUM	3
-	1	1	455888-4	SPACER, CRIMPER	2
-	1	1	456408-5	CRIMPER, WIRE PREMIUM	1
-	77	22	21	PART NO	ITEM NO

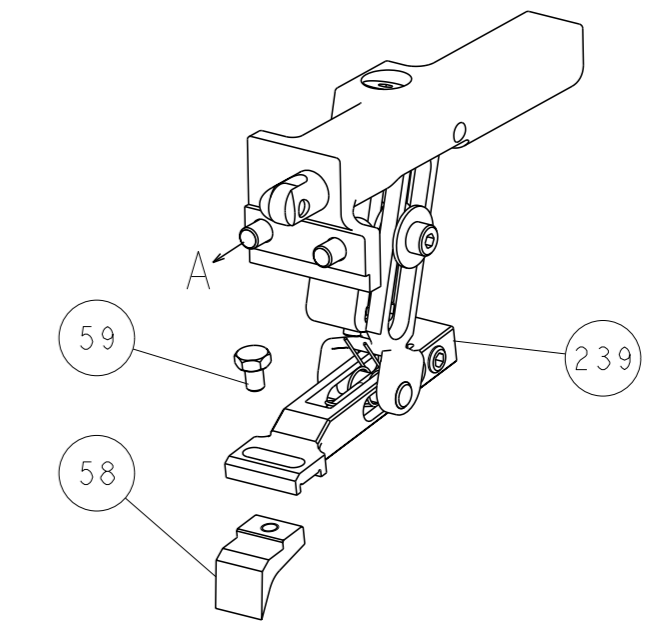
<small>THE DRAWING IS CONTROLLED BY THE DRAWING CONTROL AND IDENTIFICATION DEPARTMENT. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE DRAWING CONTROL AND IDENTIFICATION DEPARTMENT. THIS DRAWING IS UNPUBLISHED.</small>		OWN: R. O. WILSON 11FEB2013 CHK: K. J. STAKEM 12FEB2013 APVD: T. L. ELBIN 12FEB2013	TE Connectivity Harrisburg, PA 17105-3608
DIMENSIONS: mm 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH ±		NAME: Ocean End Feed Applicator PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: ©=2150314 RESTRICTED TO: -
MATERIAL: -		SCALE: 1:1 SHEET: 3 of 4 REV: B	Customer Accessible Production Drawing

LOC	DIST	REVISIONS				
A	66	REV	DESCRIPTION	DATE	OWN	APVD
-	-	-	SEE SHEET 1	-	-	-

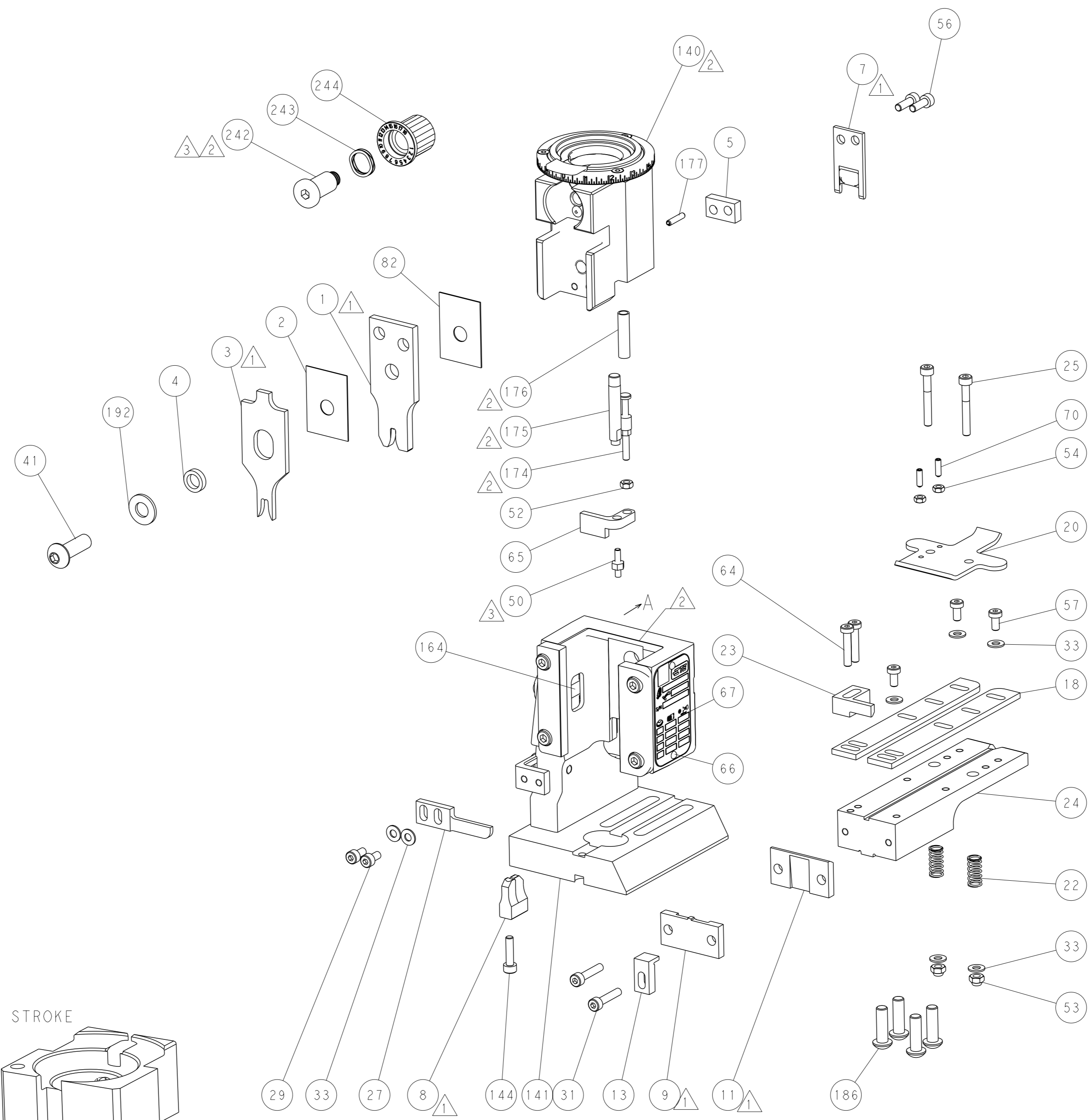
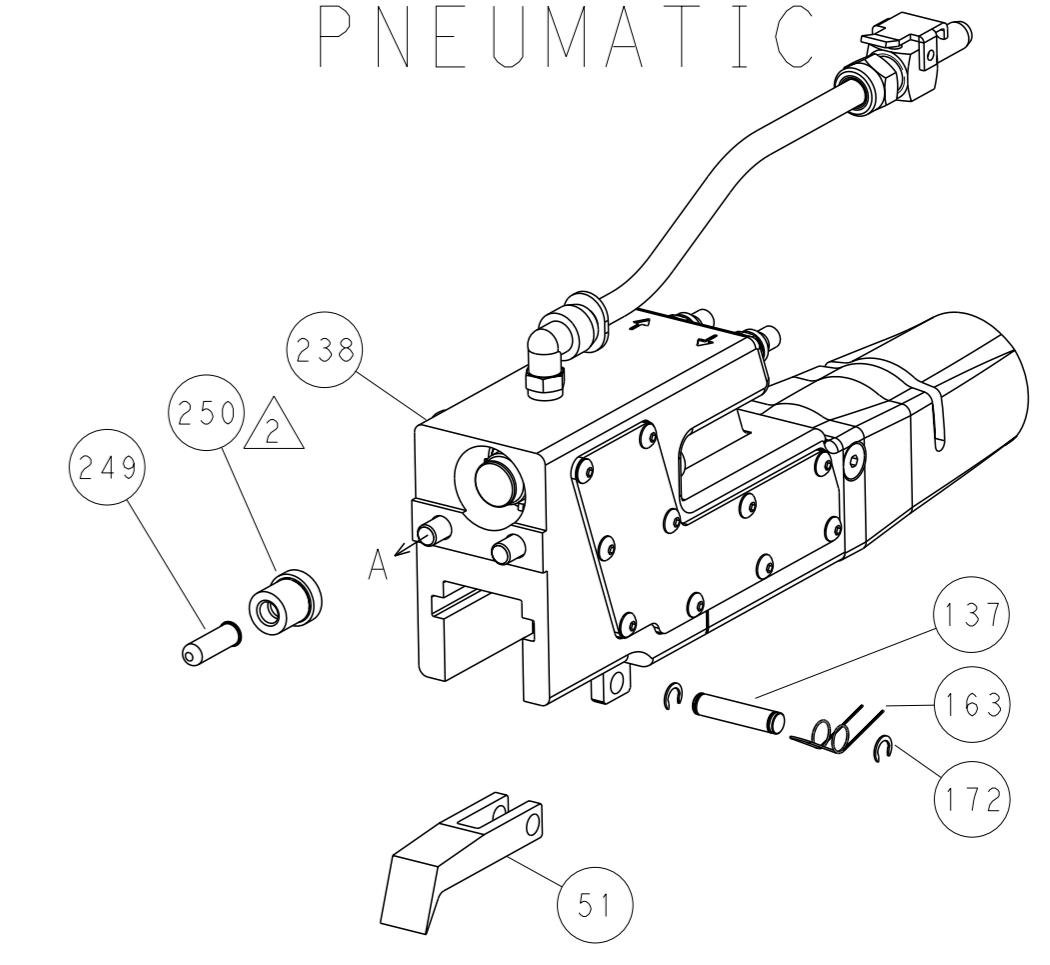


RAM AND HOLD-DOWN SET-UP

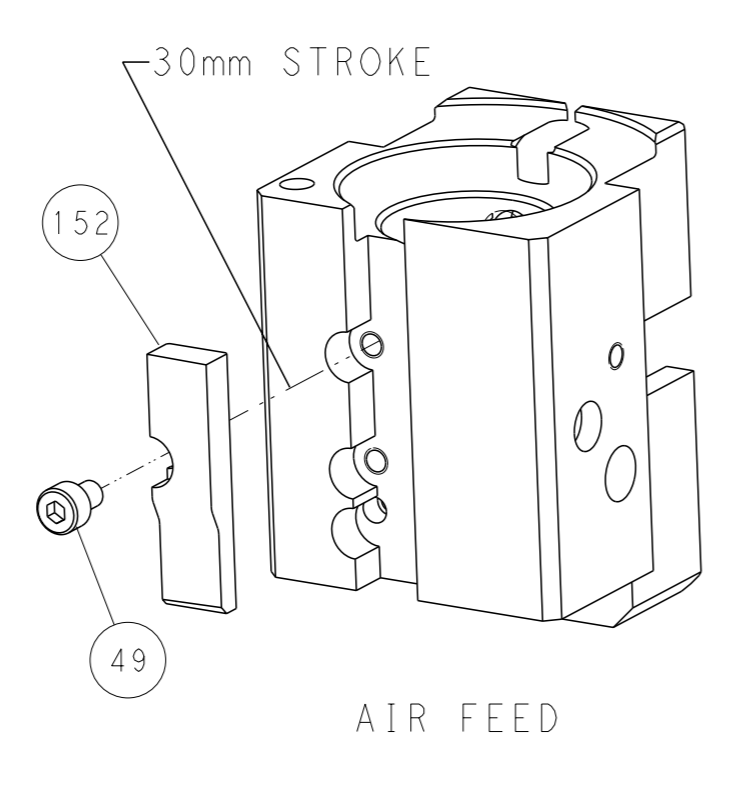
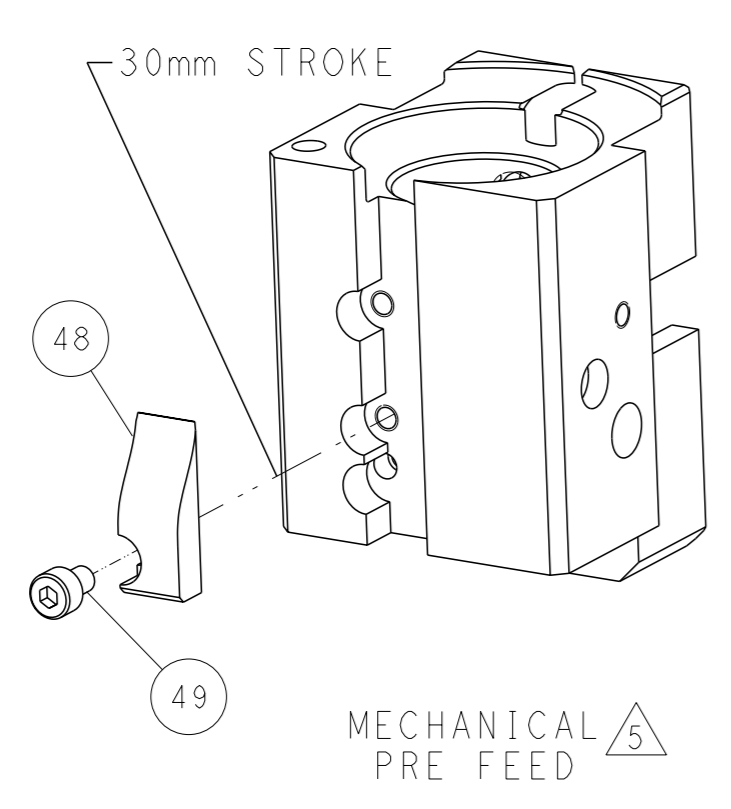
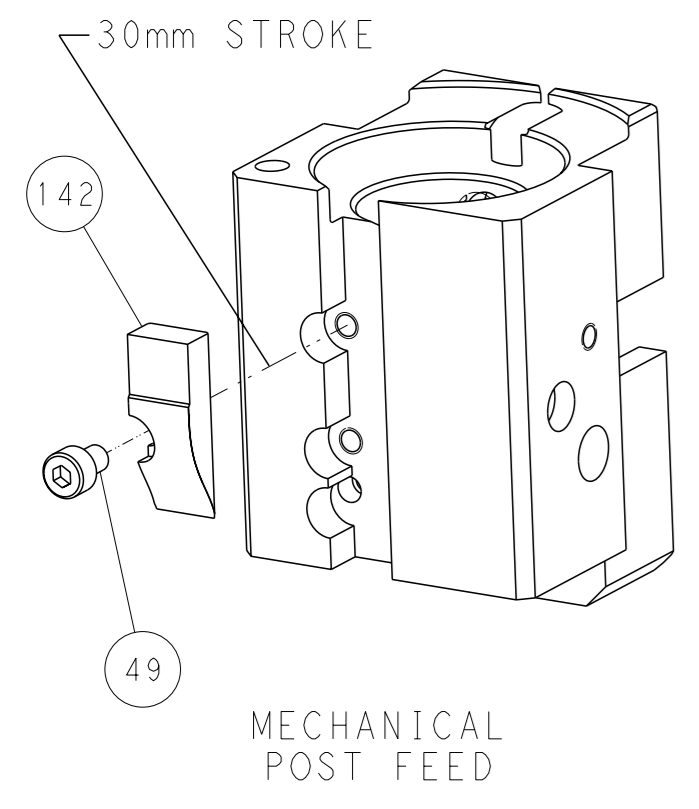
FEED TYPE  
MECHANICAL



PNEUMATIC



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 TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH *	APPLICATION SPEC: - WEIGHT: - SCALE: 1:1	PRODUCT SPEC: - RESTRICTED TO: - SCALE: 1:1	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2150314 SHEET 4 OF 4 REV B	CUSTOMER ACCESSIBLE PRODUCTION DRAWING

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-2150314-2](#)