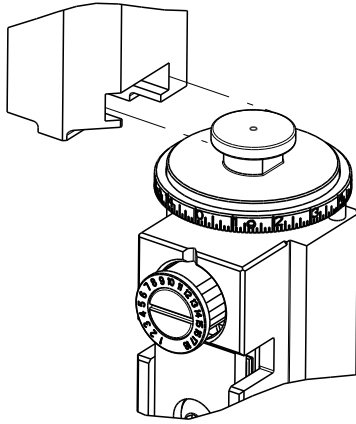
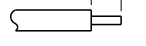


8		7	
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2011		2011	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2150238-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2150238-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150238-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2150238-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2150238-7	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: RECEPTACLE, FASTIN-FASTON .250 SERIES			
WIRE STRIP LENGTH .213-.223 IN [5.41-5.66 mm]		INSULATION DIAMETER RANGE Ø.100-.170 IN [2.54-4.32 mm]	
TERMINAL APPLICATION SPECIFICATION 	114-2025	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
140808-1	140808-2	140808-3	150603-2
150603-1	1-140808-1	1-140808-2	150604-2
170092-2	170092-4	152314-1	

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING	
14AWG or 2.5mm²		1.60+/-0.05 [.063+/- .002]		2.1	
2.0mm²		1.57+/-0.05 [.062+/- .002]		2.3	
1.5mm²		1.42+/-0.05 [.056+/- .002]		3.7	
16AWG or 1mm²		1.37+/-0.05 [.054+/- .002]		4.3	
18AWG or 0.75mm²		1.22+/-0.05 [.048+/- .002]		6.1	



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

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

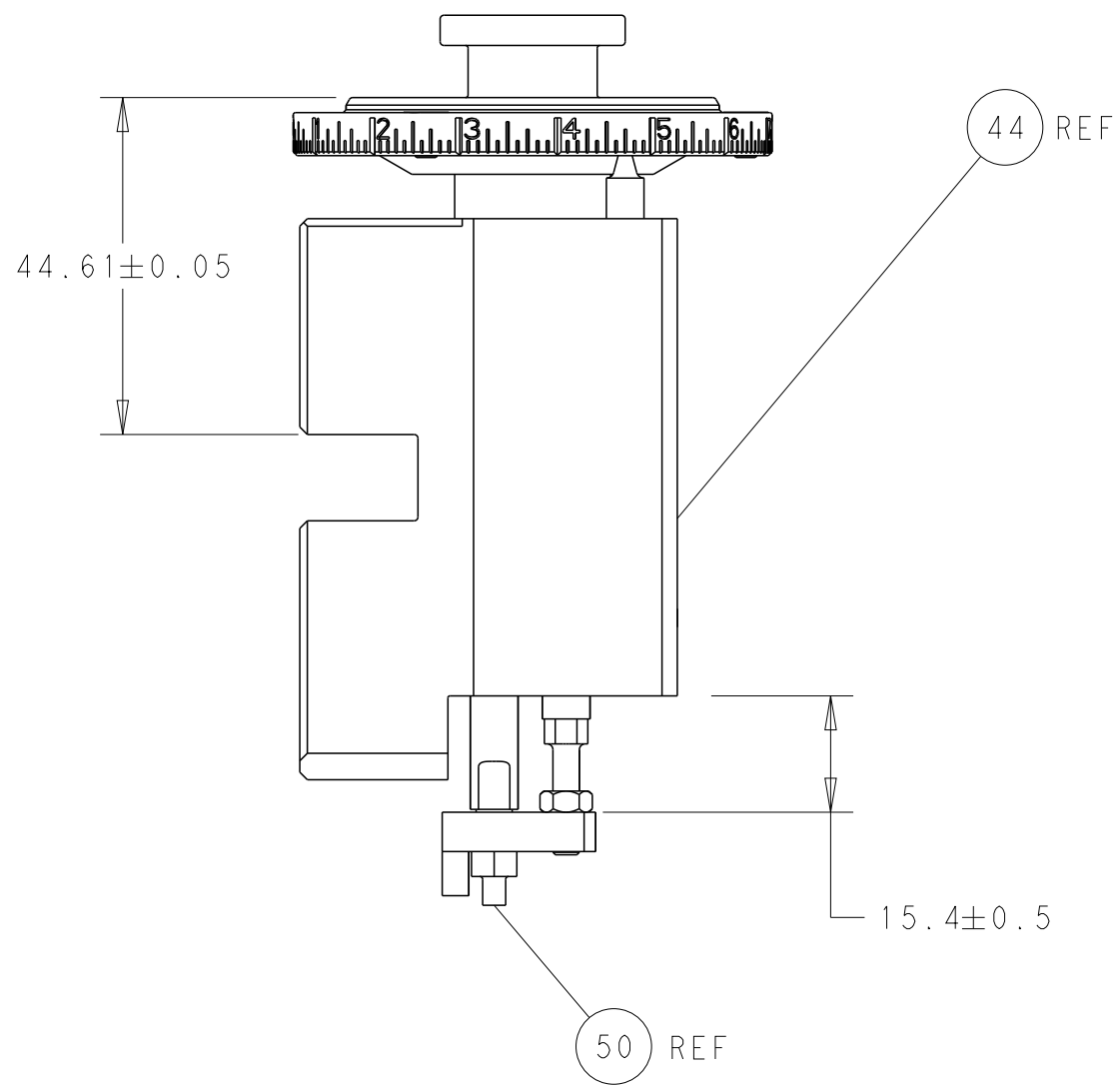
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		B1		ECR-18-000471	11JAN2018	FZ	KZ
		C		ECR-18-014298	09SEP2018	TB	TE

A	-	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	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
	3	-	1	-	1	-	240638-1	SPRING, FEED FINGER
-		1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-		1	1	1	1	1-455888-0	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	1901681-5	HOLDDOWN, TERMINAL	65
-		2	2	2	2	2168400-8	SHCS, LOW HEAD, RoHS, M4 X 16	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	2063961-6	FEED FINGER	58
-		3	3	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	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	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52	
A	-	1	-	1	-	2119792-6	PAWL, EF, AIR	51
	-	1	1	1	1	1-1976055-3	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	1752371-6	PLATE, STRIP GUIDE	24
	-	1	1	1	1	240825-2	PLATE, STRIP HOLD DOWN	23
	-	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1	1803292-1	DRAG	20	
-	2	2	2	2	1901259-5	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	690495-4	PLATE, FRONT SHEAR	9	
-	1	2	2	1	1333219-3	ANVIL, COMBINATION	8	
-	1	1	1	1	690474-3	BLADE, SLUG	7	
-	1	1	1	1	3-240641-5	SPACER	5	
-	1	1	1	1	238011-2	BLOCK, CRIMPER SPACER	4	
-	1	2	2	1	2119582-3	CRIMPER, INSULATION F PREMIUM	3	
-	1	1	1	1	1-455888-1	SPACER, CRIMPER	2	
-	1	2	2	1	1-456408-8	CRIMPER, WIRE PREMIUM	1	
-	7	7	7	2	-1	PART NO	DESCRIPTION	ITEM NO

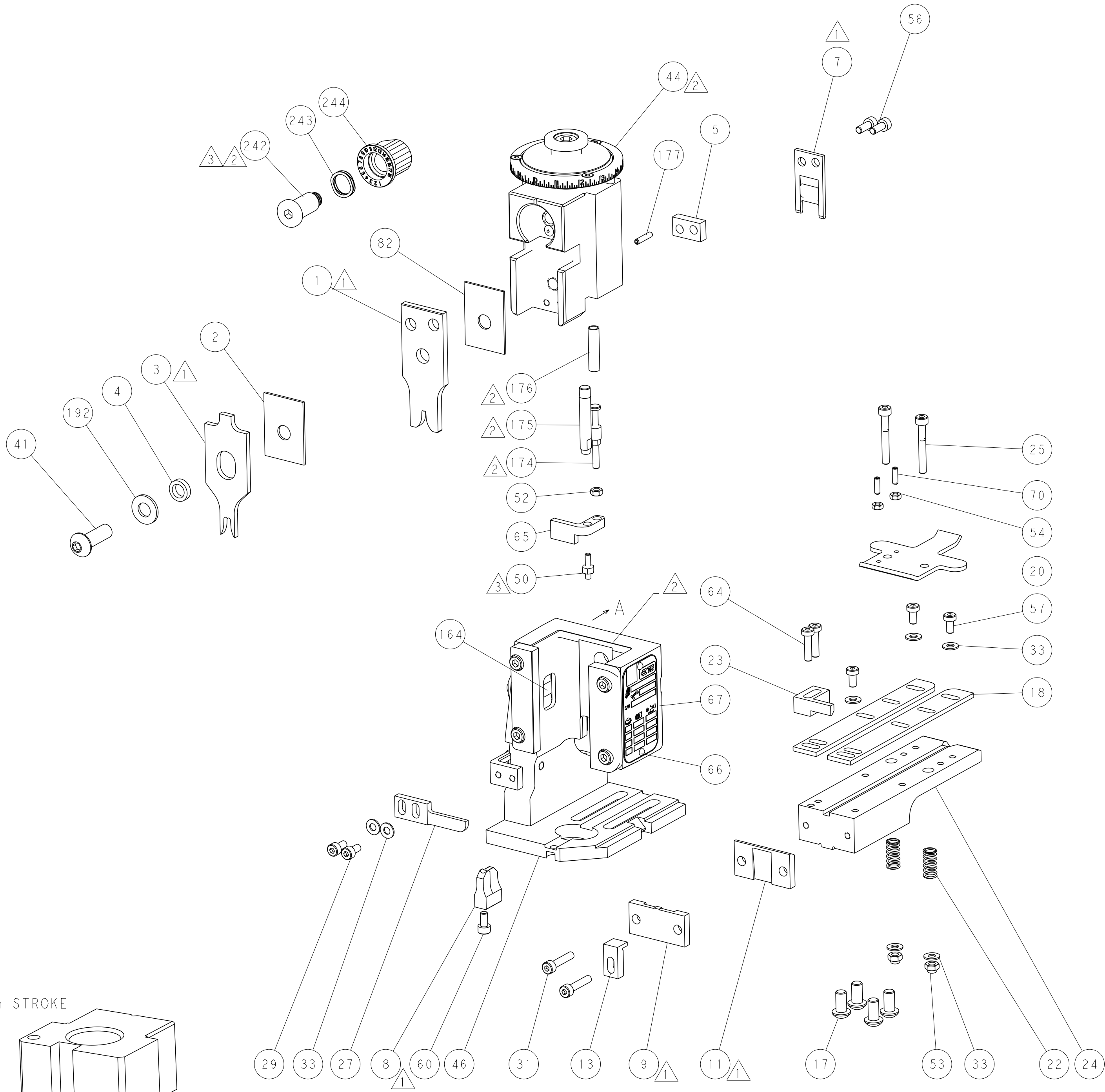
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST EDITION. TOLERANCES UNLESS OTHERWISE SPECIFIED:				DWN B. WEAVER CHK G. HOFNER APVD T. ELBIN	22NOV2011 22NOV2011 22NOV2011	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		Ocean End Feed Applicator	
mm		0 PLC ±.005 1 PLC ±.005 2 PLC ±.005 3 PLC ±.005 4 PLC ±.005 ANGLES ±.005 FINISH		PRODUCT SPEC		SIZE	
MATERIAL		-		APPLICATION SPEC		CAGE CODE	
-		-		WEIGHT		DRAWING NO	
-		-		Customer Accessible Production Drawing		RESTRICTED TO	
-		-		SCALE		SHEET 1 OF 4	
-		-		REV		C	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

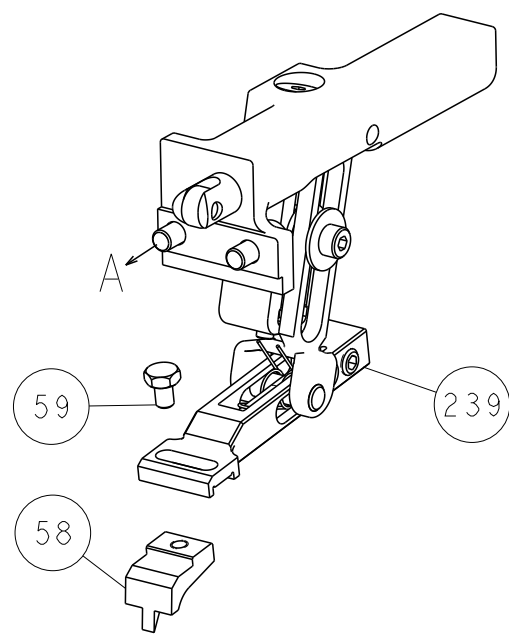
LOC		DIST		REVISIONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
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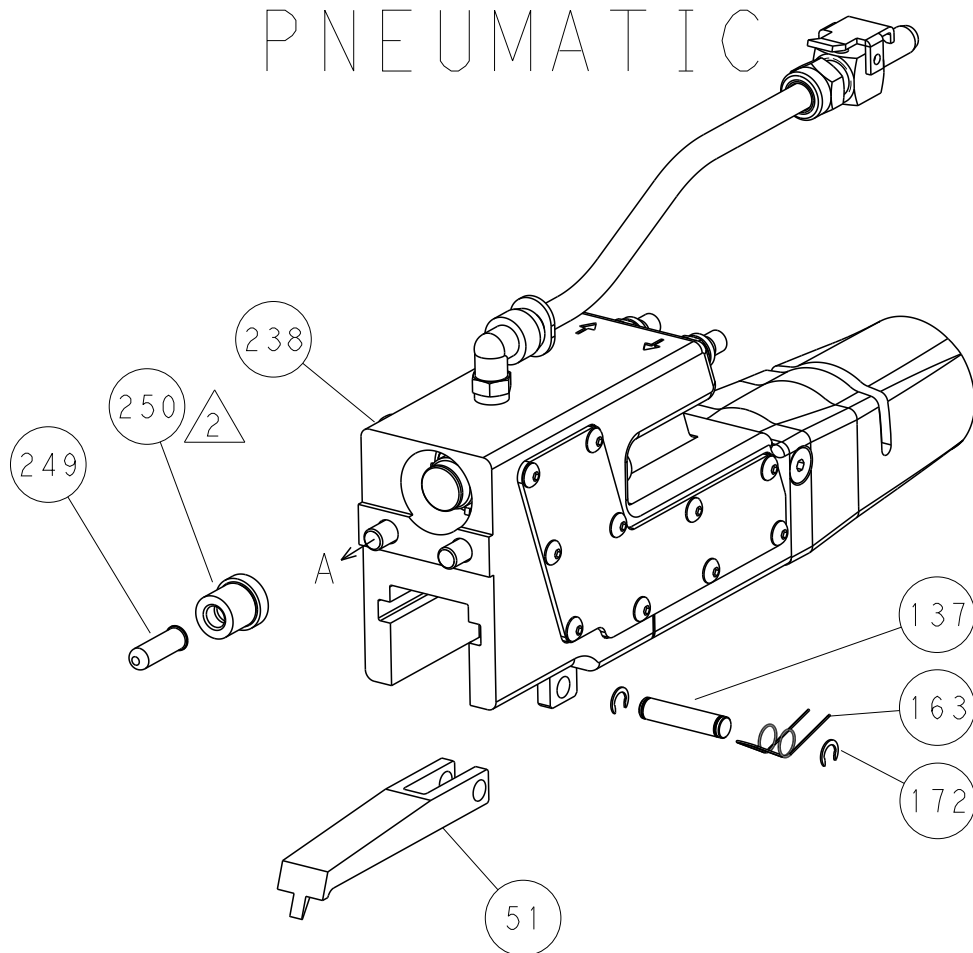
RAM AND HOLDDOWN SET-UP



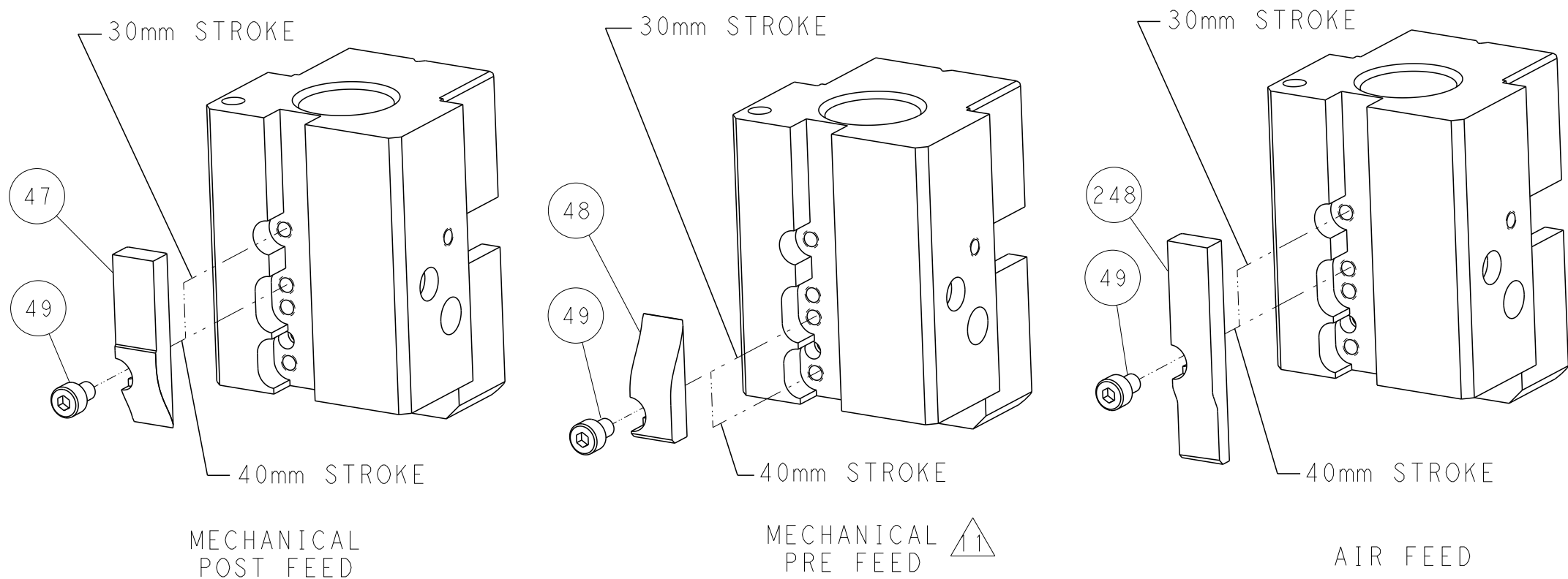
FEED TYPE
MECHANICAL



PNEUMATIC



CAM POSITIONS

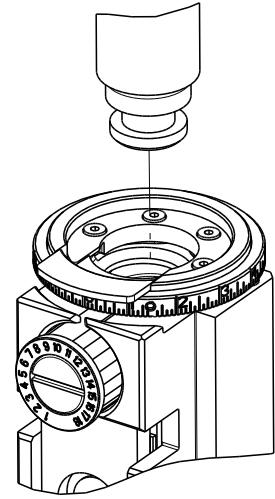


ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

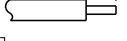
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND THE MANUFACTURING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN B. WEAVER 22NOV2011	TE Connectivity Harrisburg, PA 17105-3608	
				CHK G. HOFFNER 22NOV2011		
				APVD T. ELBIN 22NOV2011	NAME Ocean End Feed Applicator	
DIMENSIONS: mm				PRODUCT SPEC	SIZE A1	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.005 1 PLC ±.005 2 PLC ±.005 3 PLC ±.005 4 PLC ±.005 ANGLES ±.005 FINISH				APPLICATION SPEC	CAGE CODE 00779	
MATERIAL -				WEIGHT -	DRAWING NO C-2150238	
				Customer Accessible Production Drawing	SCALE 1:1	SHEET 2 of 4
					REV C	

8	7
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PART NUMBER	REVISION
2-2150238-1	C
2-2150238-2	C
7-2150238-7	A
DESCRIPTION	
FINE CRIMP HEIGHT ADJUST	
FINE CRIMP HEIGHT ADJUST	
CRIMP TOOLING KIT	
FEED TYPE	
MECHANICAL	
PNEUMATIC	
-	

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [1.10]	F
INSUL	4.57 mm [1.80]	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: RECEPTACLE, FASTIN-FASTON .250 SERIES			
WIRE STRIP LENGTH .213-.223 IN [5.41-5.66 mm]			INSULATION DIAMETER RANGE Ø.100-.170 IN [2.54-4.32 mm]
TERMINAL APPLICATION SPECIFICATION	114-2025	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
140808-1	140808-2	140808-3	150603-2
150603-1	1-140808-1	1-140808-2	150604-2
170092-2	170092-4	152314-1	

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
14AWG or 2.5mm ²		1.60+/-0.05 [1.063+/-0.002]		2.1
2.0mm ²		1.57+/-0.05 [1.062+/-0.002]		2.3
1.5mm ²		1.42+/-0.05 [1.056+/-0.002]		3.7
16AWG or 1.0mm ²		1.37+/-0.05 [1.054+/-0.002]		4.3
18AWG or 0.75mm ²		1.22+/-0.05 [1.048+/-0.002]		6.1



- RECOMMENDED SPARE PARTS
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50.
- 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. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO 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)

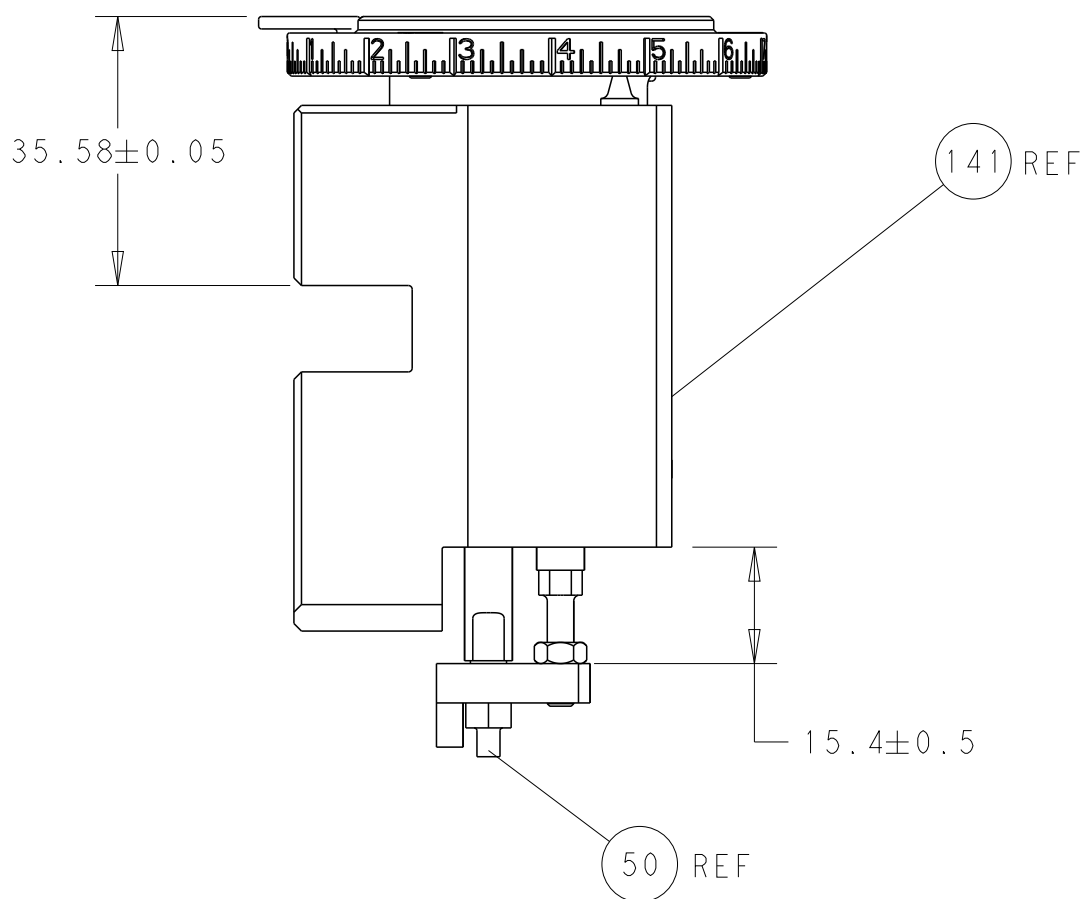
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A	66	P	LTR	DESCRIPTION	DATE
		-		SEE SHEET 1	-
					-
					-
					-

-	1	1	2119640-1	PUSH ROD, AIR FEED	250
-	1	1	1803259-1	BUSHING, FLANGED	249
-	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	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	6-993111-6	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	1-455888-0	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	1901681-5	HOLDDOWN, TERMINAL	65
-	2	2	2168400-8	SHCS, LOW HEAD, RoHS, M4 X 16	64
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	1	2063961-6	FEED FINGER	58
-	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	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	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	-	2119792-6	PAWL, EF, AIR	51
3	-	1	1-1976055-3	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	1752371-6	PLATE, STRIP GUIDE	24
-	1	1	240825-2	PLATE, STRIP HOLD DOWN	23
-	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1803292-1	DRAG	20
-	2	2	1901259-5	GUIDE, LOWER STRIP	18
-	1	1	1752360-1	SPACER,HOLD-DOWN	13
1	-	1	240833-2	PLATE, REAR SHEAR	11
-	-	-	-	-	10
1	-	1	690495-4	PLATE, FRONT SHEAR	9
1	1	1	1333219-3	ANVIL, COMBINATION	8
1	-	1	690474-3	BLADE, SLUG	7
-	1	1	3-240641-5	SPACER	5
-	1	1	238011-2	BLOCK, CRIMPER SPACER	4
1	1	1	2119582-3	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1-455888-1	SPACER, CRIMPER	2
1	1	1	1-456408-8	CRIMPER, WIRE PREMIUM	1
-	77-22-21		PART NO	DESCRIPTION	ITEM NO

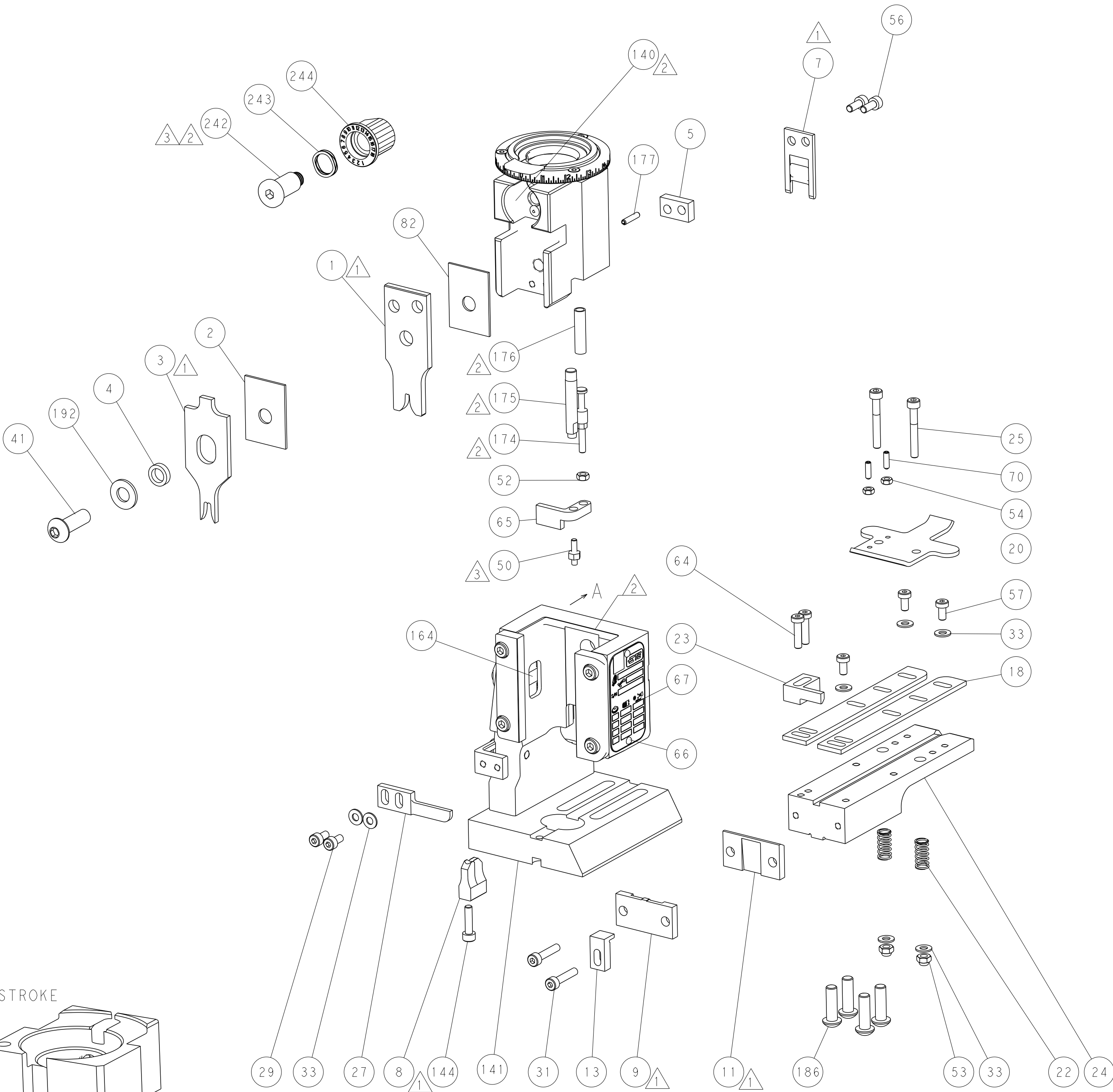
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST EDITION.		OWN B. WEAVER CHK G. HOFENER APVD T. ELBIN	22NOV2011 22NOV2011 22NOV2011	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME Ocean End Feed Applicator	
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC	
MATERIAL -		FINISH -		APPLICATION SPEC	
		WEIGHT -		SIZE A	
				CAGE CODE 00779	
				DRAWING NO 2150238	
				RESTRICTED TO -	
				Customer Accessible Production Drawing	
				SCALE 1:1	
				SHEET 3	
				OF 4	
				REV C	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

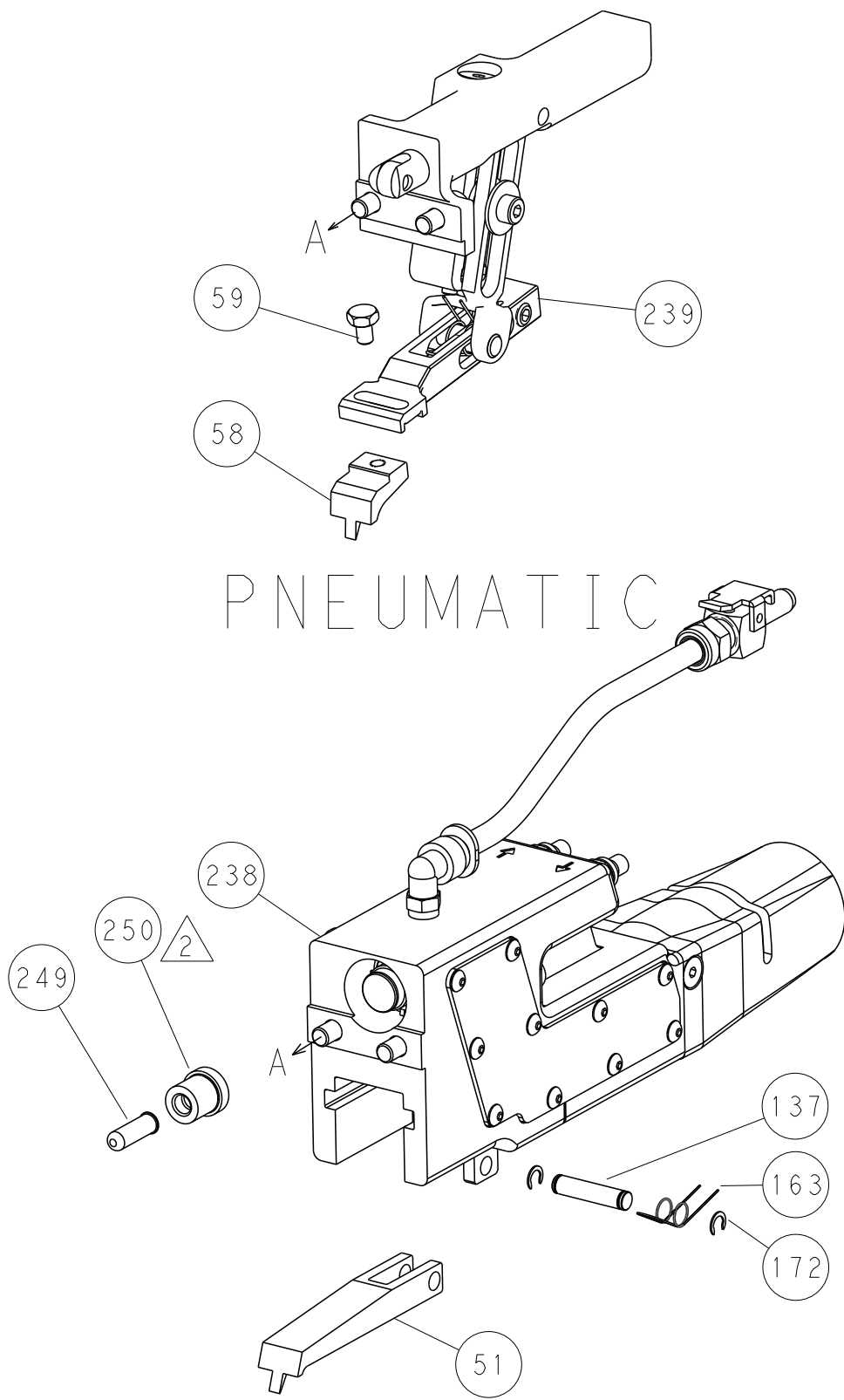
LOC		DIST		REVISONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



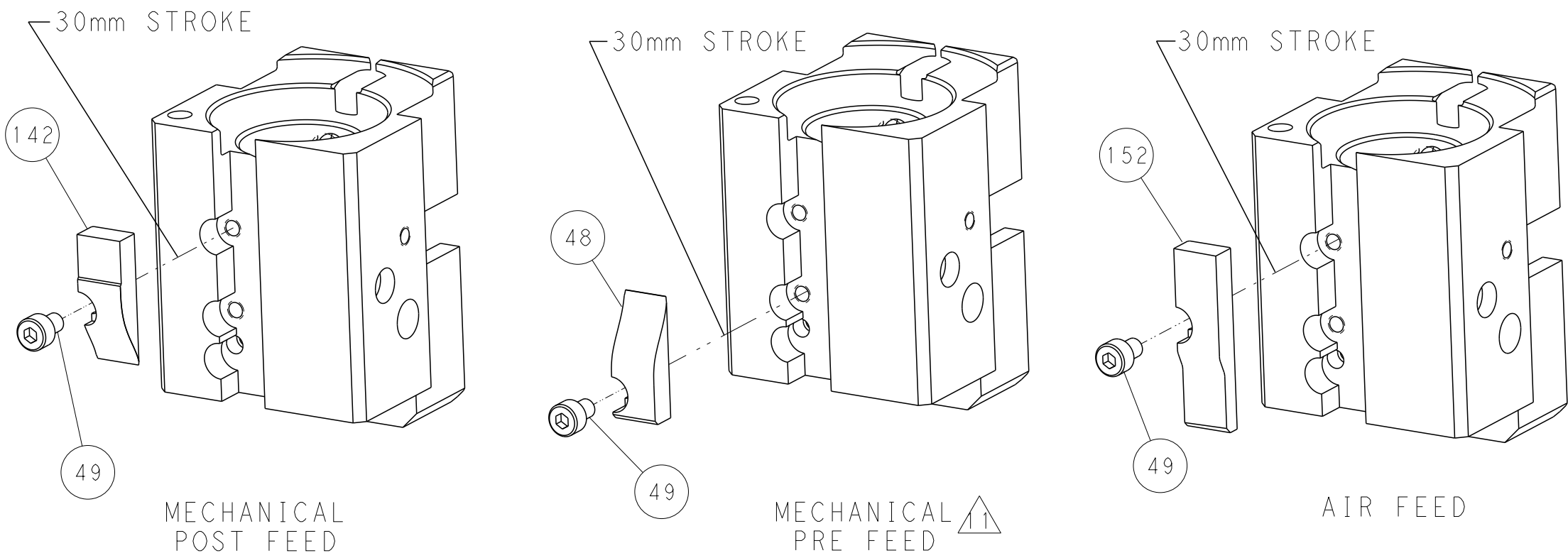
RAM AND HOLDDOWN SET-UP



FEED TYPE
MECHANICAL



CAM POSITIONS



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. THE USER SHALL BE RESPONSIBLE FOR THE LATEST VERSION.				DWN B. WEAVER 22NOV2011	STE TE Connectivity Harrisburg, PA 17105-3608		
				CHK G. HOFFNER 22NOV2011			
				APVD T. ELBIN 22NOV2011	NAME Ocean End Feed Applicator		
DIMENSIONS: mm				PRODUCT SPEC	SIZE A1		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH				APPLICATION SPEC	CAGE CODE 00779		
MATERIAL				WEIGHT	DRAWING NO C-2150238		
				Customer Accessible Production Drawing	SCALE 1:1		
					SHEET 4		
					REV C		