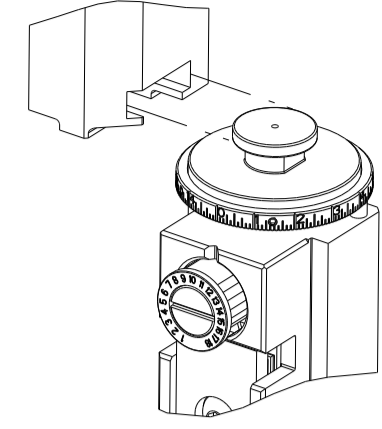


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2150038-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2150038-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150038-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2150038-2	B	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2150038-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	4.57 mm [.180]	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: RING			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
2.79-3.56mm [.110-.140 IN]		∅3.05-4.32 mm [.120-.170 IN]	
TERMINAL APPLICATION SPECIFICATION	114-2084		
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
63628-1	63628-2	63678-1	63678-2
63750-2			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
14 AWG	1.96 +/- 0.05 [.077 +/- .002]	5.6
16 AWG	1.73 +/- 0.05 [.068 +/- .002]	8.2
18 AWG	1.60 +/- 0.05 [.063 +/- .002]	9.5

- 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.
- 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.

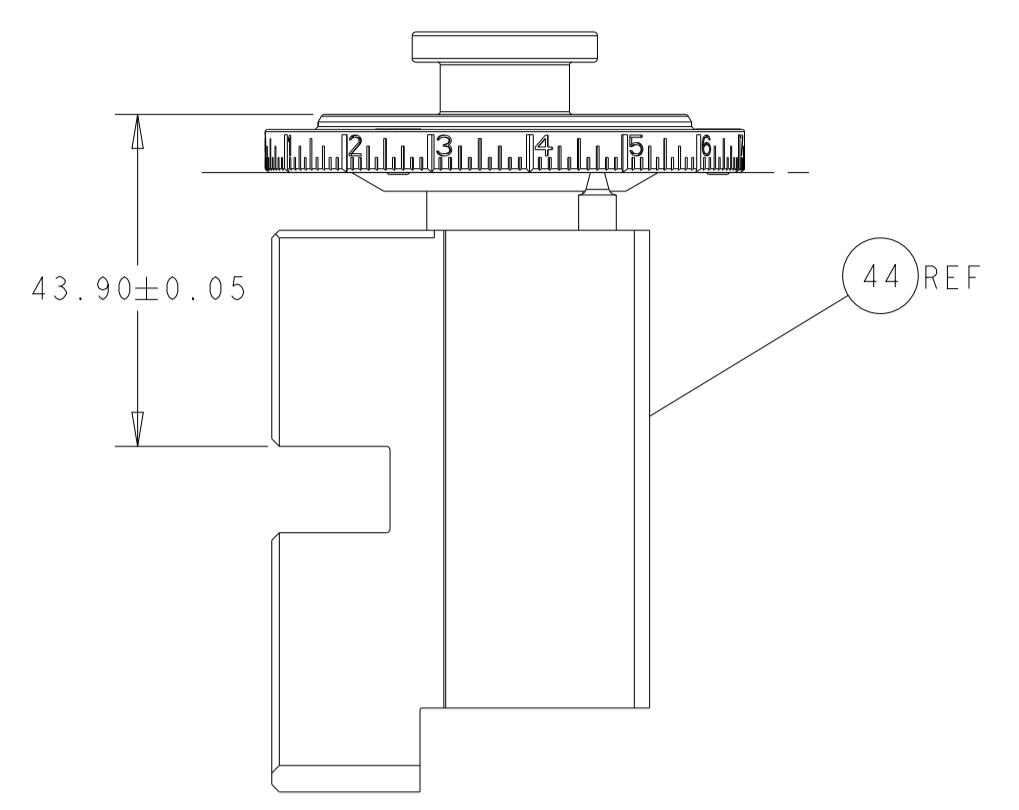
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

LOC	DIST	REVISIONS					
A	66	P	LTN	DESCRIPTION	DATE	OWN	APVD
		A		RELEASED	12SEP2012	CC	SX
		B		ECR-23-163910	17JAN2023	FZ	TE

-	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	-	2844940-3	AIR FEED MODULE	238	
-	1	1	1	1	1-18028-0	WASHER, FLAT, REG M8	192	
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164	
-	1	1	1	1	455888-5	SPACER, CRIMPER	82	
-	1	1	1	1	1803607-4	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	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59	
-	-	1	-	1	2063961-1	FEED FINGER	58	
-	4	4	4	4	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57	
-	2	2	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	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	-	2063961-1	FEED FINGER	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	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	1752371-5	PLATE, STRIP GUIDE	24	
-	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22	
-	1	1	1	1	1803292-4	DRAG	20	
-	1	1	1	1	1901696-3	STRIP GUIDE, REAR	19	
-	1	1	1	1	1901695-3	STRIP GUIDE, FRONT	18	
-	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17	
-	1	1	1	1	240644-1	PLATE, REAR SHEAR	11	
-	2	2	2	2	1-240645-6	SPACER, SHEAR PLATE	10	
-	1	1	1	1	240642-3	PLATE, FRONT SHEAR	9	
-	1	2	2	1	1	4-1633383-4	ANVIL, COMBINATION	8
-	1	1	1	1	2-691157-3	BLADE, SHEAR -	7	
-	1	1	1	1	240641-2	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	1-455888-0	SPACER, CRIMPER	2	
-	1	2	2	1	1	456409-2	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77	72	71	2	-1	PART NO	DESCRIPTION	ITEM NO

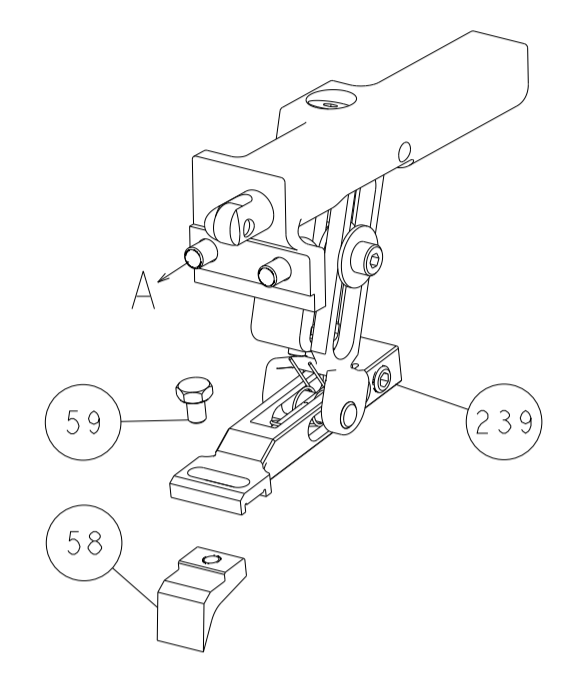
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN	C. CHEN	13JAN2012	TE Connectivity Harrisburg, PA 17105-3608
mm		0 PLC ±		CHK	S. XI	13JAN2012	
		1 PLC ±		APVD	J. CRUZ	13JAN2012	NAME
		2 PLC ±		PRODUCT SPEC			Ocean End Feed
		3 PLC ±		APPLICATION SPEC			Applicator
		4 PLC ±		WEIGHT			
		ANGLES		SCALE		1:1	
		FINISH		SHEET		1	OF 4
MATERIAL				REV		B	

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

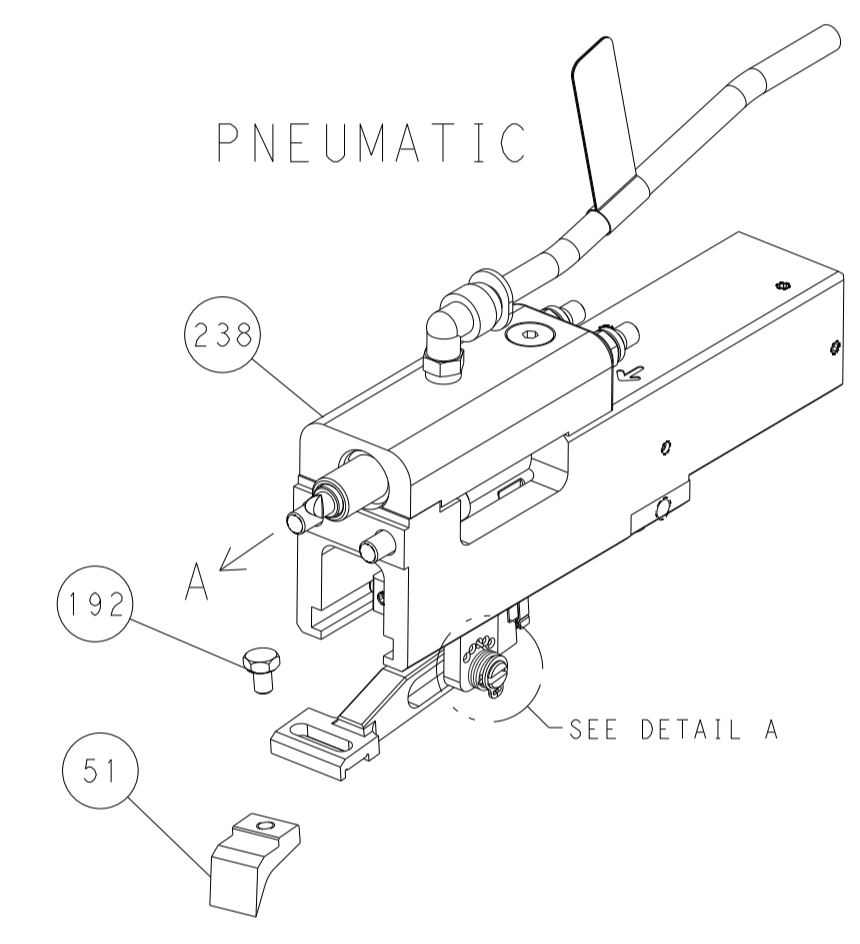


RAM SET-UP

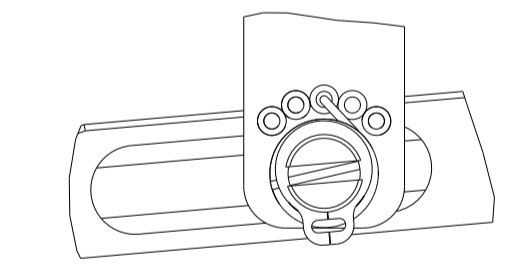
FEED TYPE MECHANICAL



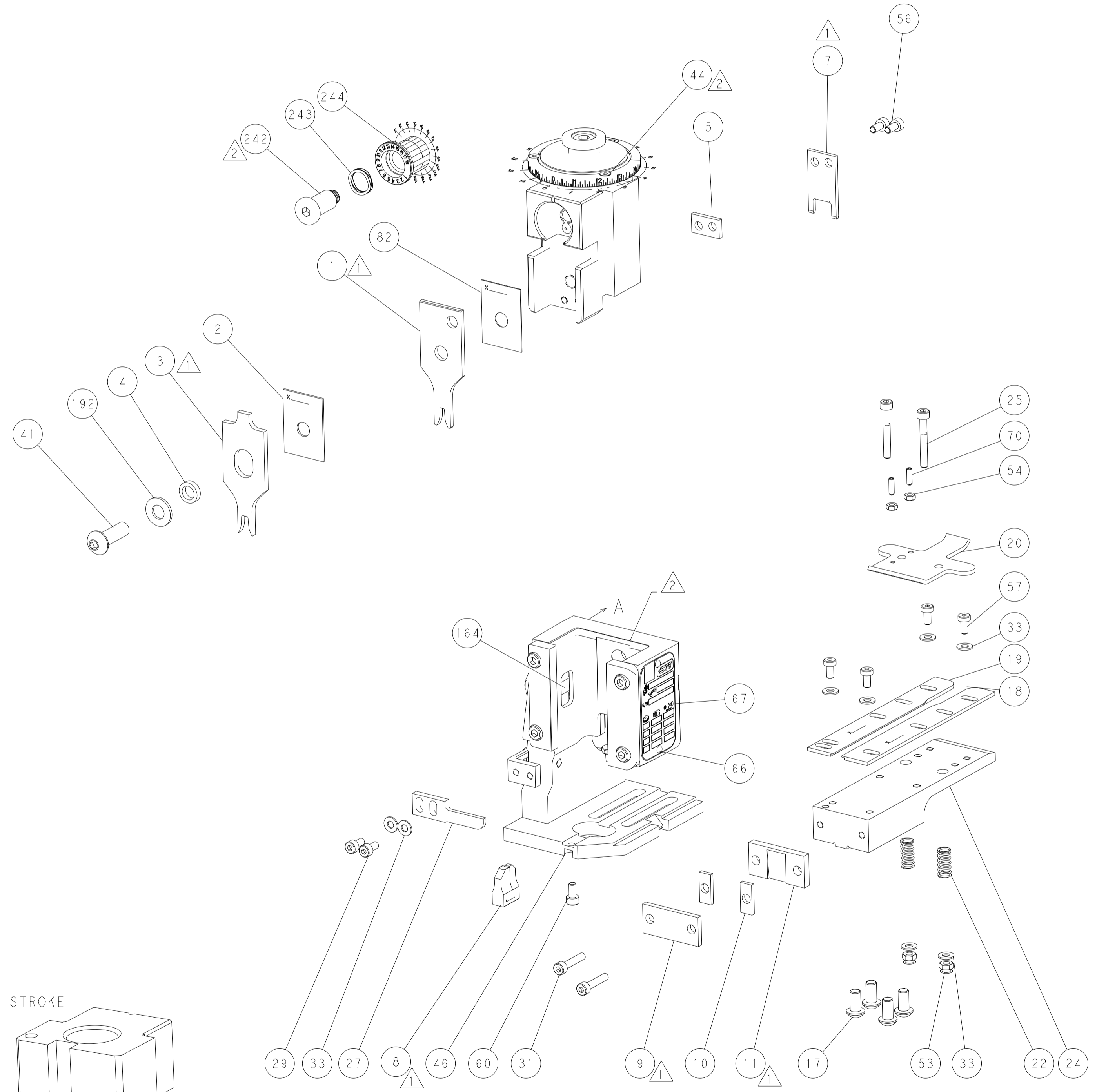
PNEUMATIC



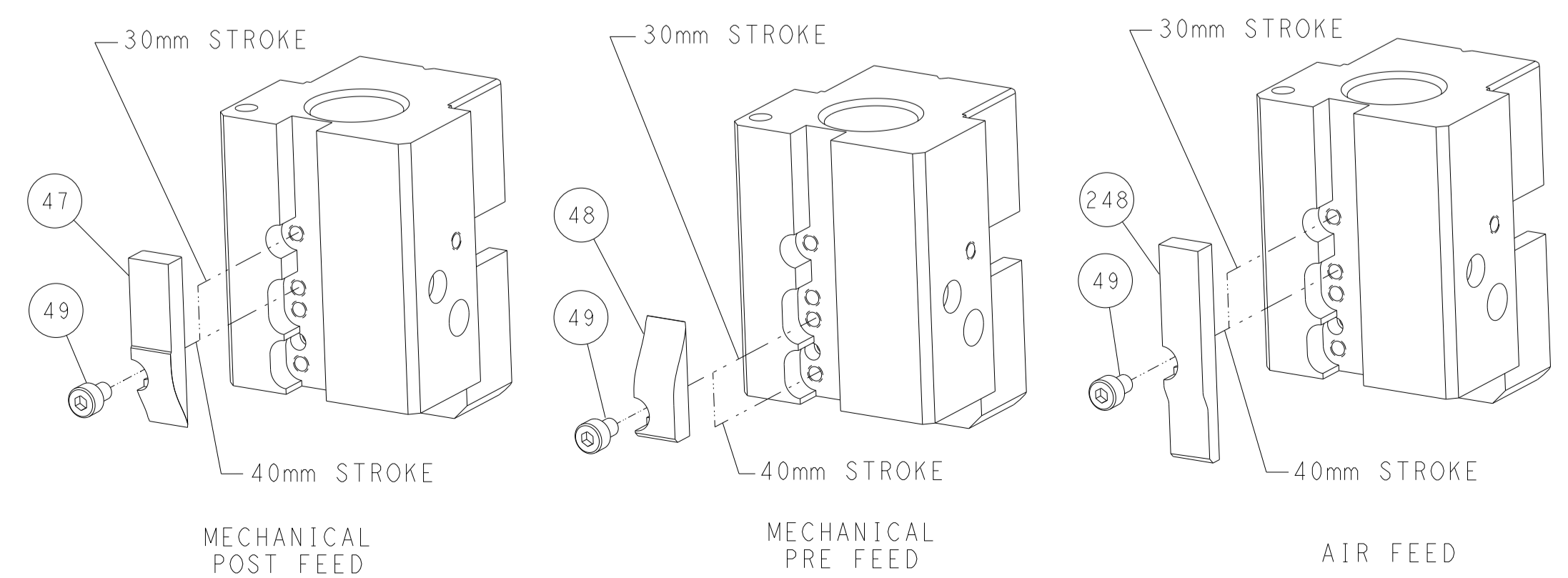
FEED SPRING SETTING POSITION



DETAIL A



CAM POSITIONS

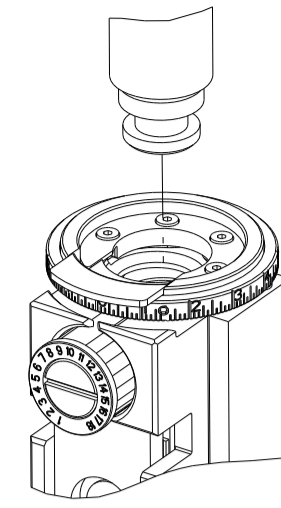


ATLANTIC VERSION
 Shown on sheets 1 of 4 & 2 of 4
 (Pacific version shown on sheets 3 of 4 & 4 of 4)

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN C. CHEN 13JAN2012	TE Connectivity Harrisburg, PA 17105-3608
DIMENSIONS: mm		CHK S. XI 13JAN2012	NAME Ocean End Feed Applicator
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		APVD J. CRUZ 13JAN2012	PRODUCT SPEC APPLICATION SPEC
MATERIAL:		WEIGHT:	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2150038
Customer Accessible Production Drawing		SCALE: 1:1	SHEET 2 OF 4 REV B

8	7	6	5	4	3	2	1
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20			
COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.							
PART NUMBER	REVISION	DESCRIPTION	FEED TYPE				
2-2150038-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL				
2-2150038-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC				
7-2150038-7	A	CRIMP TOOLING KIT	-				

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	4.57 mm [.180]	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: RING			
WIRE STRIP LENGTH 2.79-3.56 mm [.110-.140 IN]		INSULATION DIAMETER RANGE Ø3.05-4.32 mm [.120-.170 IN]	
TERMINAL APPLICATION SPECIFICATION	114-2084	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
63628-1	63628-2	63678-1	63678-2
63750-2			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
14 AWG	1.96 +/- 0.05 [.077 +/- .002]	5.6
16 AWG	1.73 +/- 0.05 [.068 +/- .002]	8.2
18 AWG	1.60 +/- 0.05 [.063 +/- .002]	9.5



- 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.
- 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.

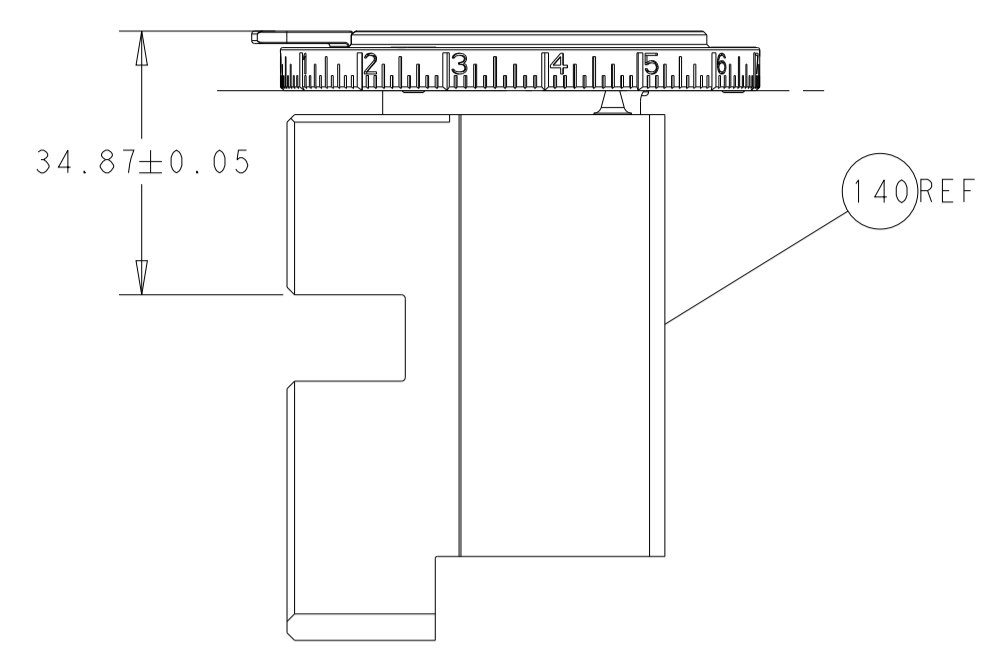
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

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

-	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	-	2844940-3	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
-	REFREF	-	994970-2	COUNTER, MAGNETIC	164
-	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	455888-5	SPACER, CRIMPER	82
-	1	1	1803607-4	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	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	1	2063961-1	FEED FINGER	58
-	4	4	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	56
-	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	-	2063961-1	FEED FINGER	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	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	1752371-5	PLATE, STRIP GUIDE	24
-	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1803292-4	DRAG	20
-	1	1	1901696-3	STRIP GUIDE, REAR	19
-	1	1	1901695-3	STRIP GUIDE, FRONT	18
1	-	1	240644-1	PLATE, REAR SHEAR	11
-	2	2	1-240645-6	SPACER, SHEAR PLATE	10
1	-	1	240642-3	PLATE, FRONT SHEAR	9
1	1	1	4-1633383-4	ANVIL, COMBINATION	8
1	-	1	2-691157-3	BLADE, SHEAR -	7
-	1	1	240641-2	SPACER	5
-	1	1	238011-2	BLOCK, CRIMPER SPACER	4
1	1	1	2119582-3	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1-455888-0	SPACER, CRIMPER	2
1	1	1	456409-2	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77-22-21		PART NO	DESCRIPTION	ITEM NO

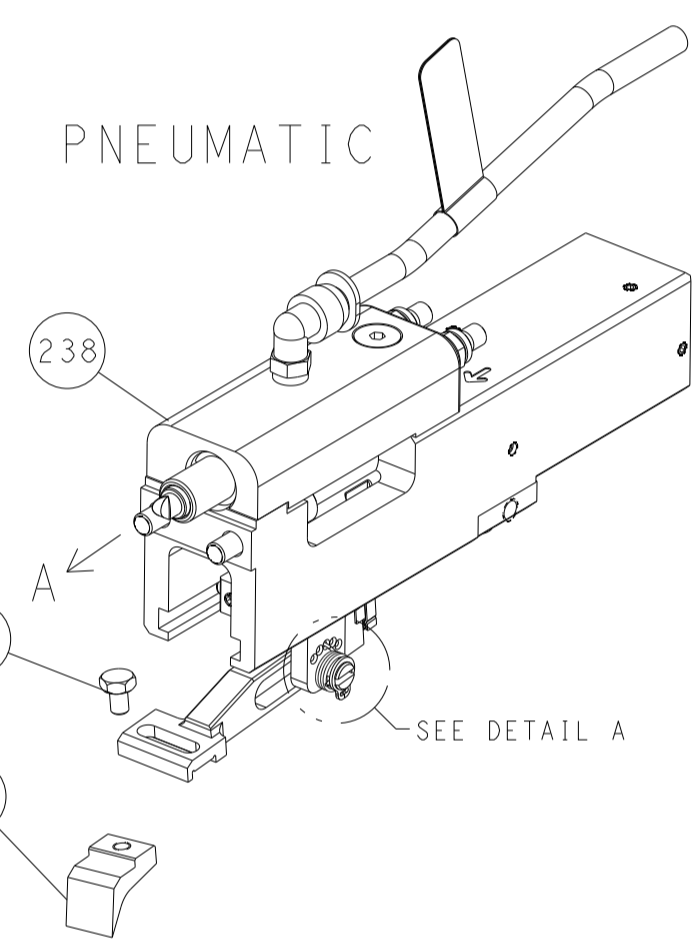
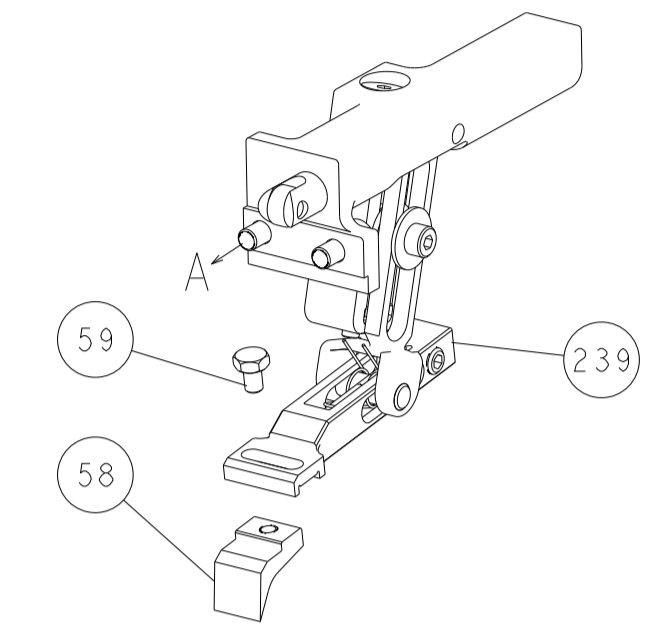
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN C. CHEN CHK S. XI APVD J. CRUZ 13JAN2012		NAME Ocean End Feed Applicator	
mm	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH	±	±	SIZE A1	CAGE CODE 00779	DRAWING NO 2150038	RESTRICTED TO -
MATERIAL				WEIGHT		SCALE 1:1	
Customer Accessible Production Drawing				SHEET 3		OF 4	

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

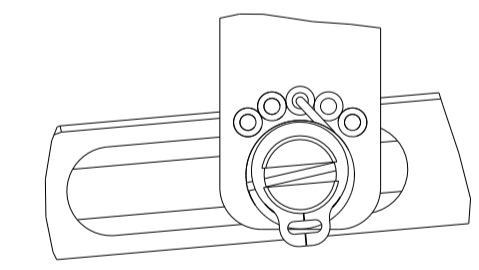


RAM SET-UP

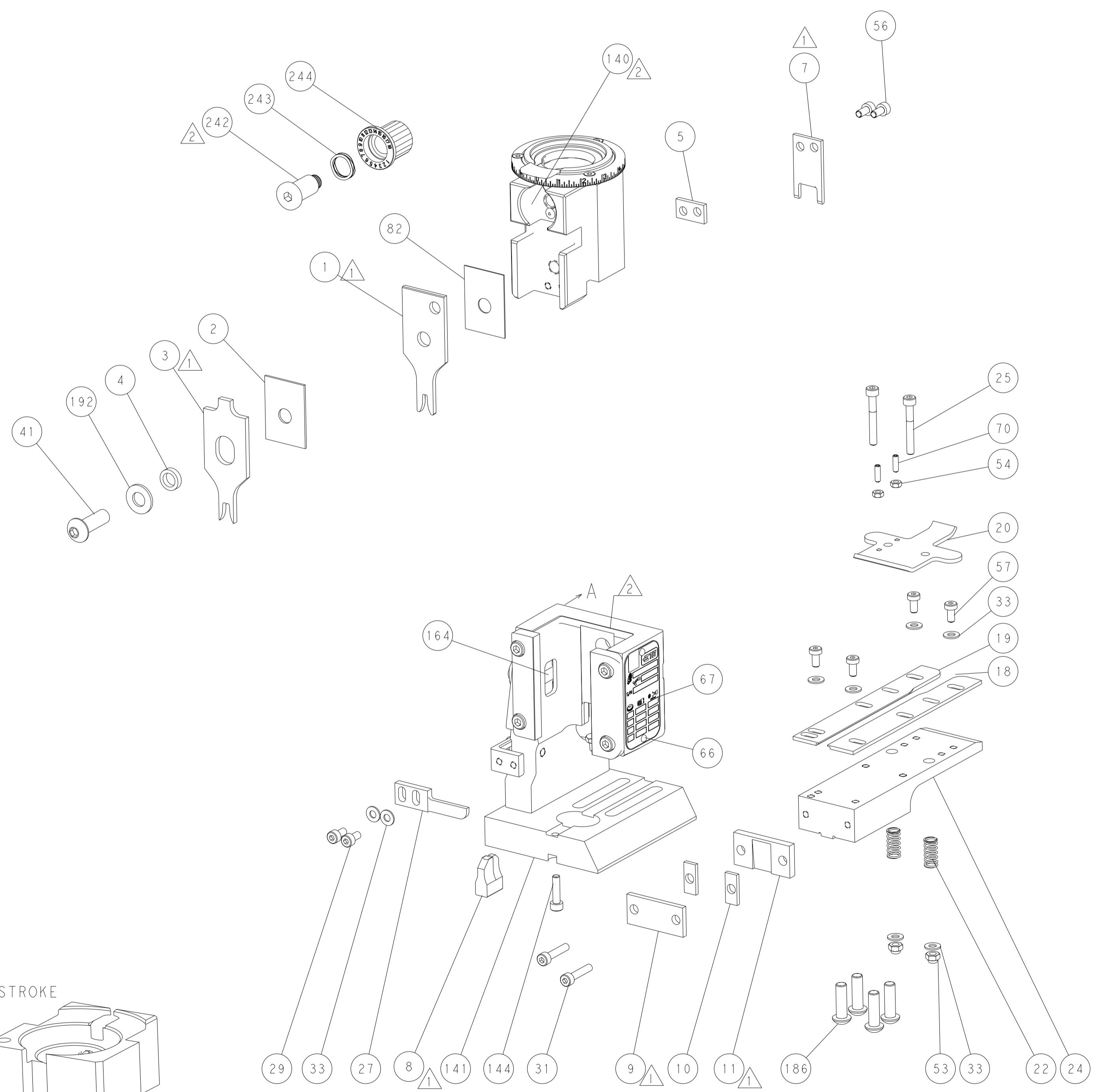
FEED TYPE
MECHANICAL



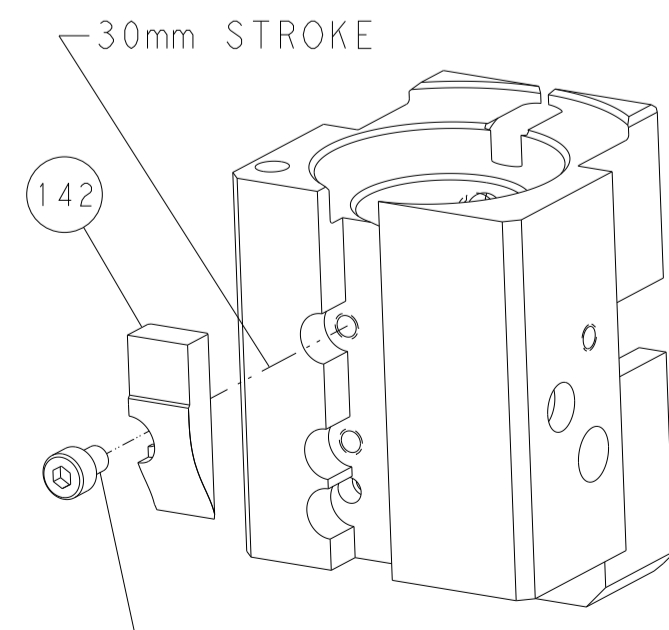
FEED SPRING
SETTING POSITION



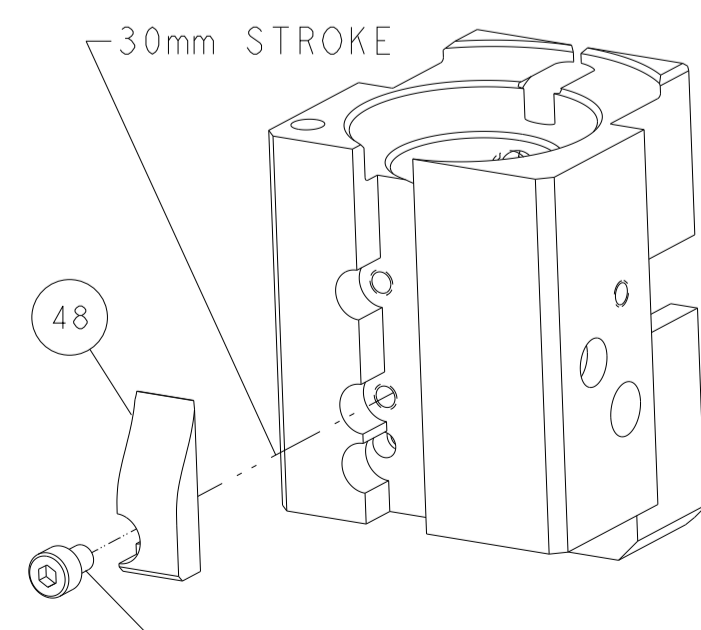
DETAIL A



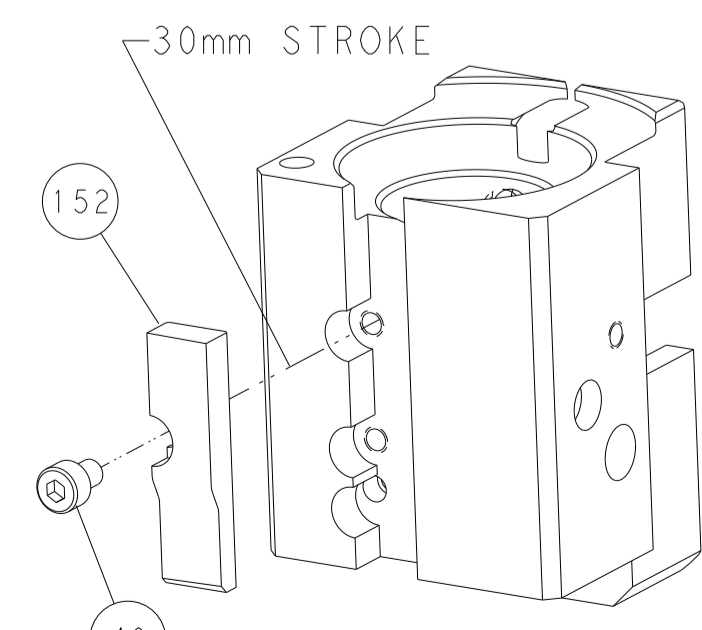
CAM POSITIONS



MECHANICAL
POST FEED



MECHANICAL
PRE FEED



AIR FEED

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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN C. CHEN 13JAN2012		STE TE Connectivity	
mm		0 PLC ±		CHK S. XI 13JAN2012		Harrisburg, PA 17105-3608	
Ø		1 PLC ±		APVD J. CRUZ 13JAN2012		NAME	
MATERIAL		2 PLC ±		PRODUCT SPEC		Ocean End Feed	
		3 PLC ±		APPLICATION SPEC		Applicator	
		4 PLC ±		WEIGHT		SIZE CAGE CODE DRAWING NO	
		ANGLES		A 00779 C=2150038		RESTRICTED TO	
		FINISH		Customer Accessible Production Drawing		SCALE 1:1 SHEET 4 OF 4 REV B	