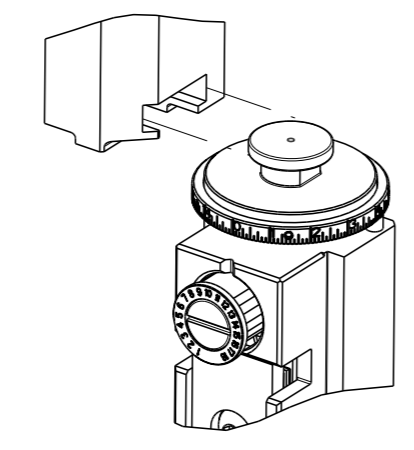


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151251-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151251-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
5-2151251-1	D	SEAL STRIPPER CRIMPER TERMINATING UNIT	MECHANICAL
5-2151251-2	D	SEAL STRIPPER CRIMPER TERMINATING UNIT	PNEUMATIC
7-2151251-1	D	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151251-2	D	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151251-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.80 mm [.071]	F
INSUL	2.80 mm [.110]	F

APPLICATOR INSTRUCTIONS 408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .090 II MLC RECEPTACLE			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.00-4.60 mm [.157-.181 IN]		Ø1.40-2.10 mm [.055-.083 IN]	
TERMINAL APPLICATION SPECIFICATION	114-61004		
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
368085-1	1-368085-1		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	0.89+/-0.05 [.035+/- .002]	5.7
0.30mm2	0.80+/-0.05 [.031+/- .002]	7.0

- RECOMMENDED SPARE PARTS
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 180. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 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.
- UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- TERMINAL LUBRICANT IS RECOMMENDED.

**\*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	LY#	DESCRIPTION	DATE	OWN	APVD
		A		RELEASED	11 JUL 2014	KH	UG
		B		ECR-18-007764	24 MAY 2018	MZ	JDG
		C		ECR-18-009109	25 JUN 2018	AW	TE
		D		ECR-20-012112	26 AUG 2020	JAH	RR

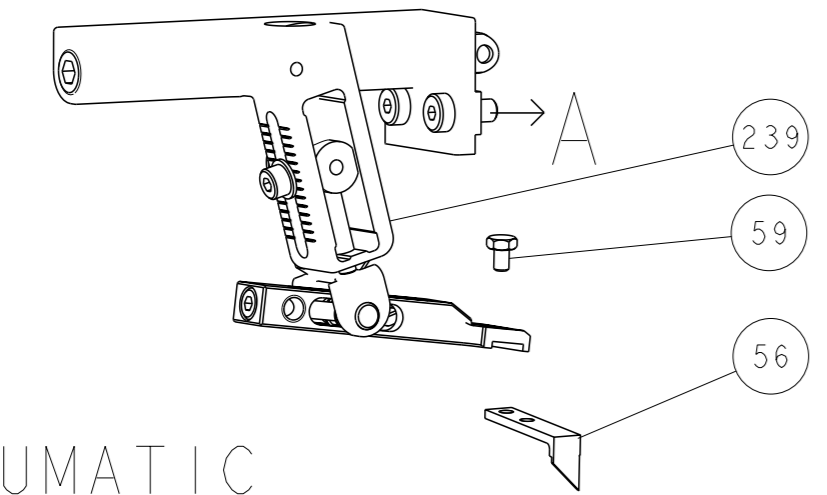
-	-	-	1	1	-	-	1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
-	-	-	1	1	-	-	2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
-	1	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	1	1	2119082-3	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	-	-	1	1	-	-	4-1722335-3	STRIPPER, SIDE FEED	182
-	-	-	1	1	-	-	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	181
-	-	-	1	1	-	-	1-1752354-9	STANDOFF,HOLD-DOWN	180
-	-	-	1	1	-	-	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
-	-	-	1	1	-	-	5-22280-0	SPRING, COMPRESSION	176
-	-	-	1	1	-	-	1752353-3	GUIDE PIN,HOLDDOWN	175
-	-	-	1	1	-	-	1901680-2	GUIDE PIN,HOLDDOWN	174
-	REF	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	1	1	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	1	1	1	1	1803607-1	DOCUMENTATION PACKAGE	71
-	1	1	1	1	1	1	2119740-1	TAG, IDENTIFICATION	67
-	2	2	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	1	1	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	1	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	2	2	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	1	1	1	1	1803382-6	HOLD DOWN, SPRING LOADED	50
-	1	2	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	1	-	1	-	1	2119653-1	FEED CAM, POST FEED	47
-	1	1	-	-	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	1	-	-	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	1	1	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1	1	455888-3	SPACER, CRIMPER	28
-	1	1	1	1	1	1	1320928-2	STRIP GUIDE	24
-	1	1	-	-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	2	2	1	1	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	-	-	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1	1	1803095-1	FLOATING SHEAR, FRONT	9
-	1	2	2	1	1	1	2-1803057-6	ANVIL, COMBINATION	8
-	1	1	1	1	1	1	3-240641-8	SPACER	7
-	-	-	-	-	-	-	-	-	6
-	1	1	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1	1-238011-7	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	1	1	6-2119582-6	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	1	1	455888-6	SPACER, CRIMPER	2
-	1	2	2	1	1	1	3-456404-5	CRIMPER, WIRE PREMIUM	1

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

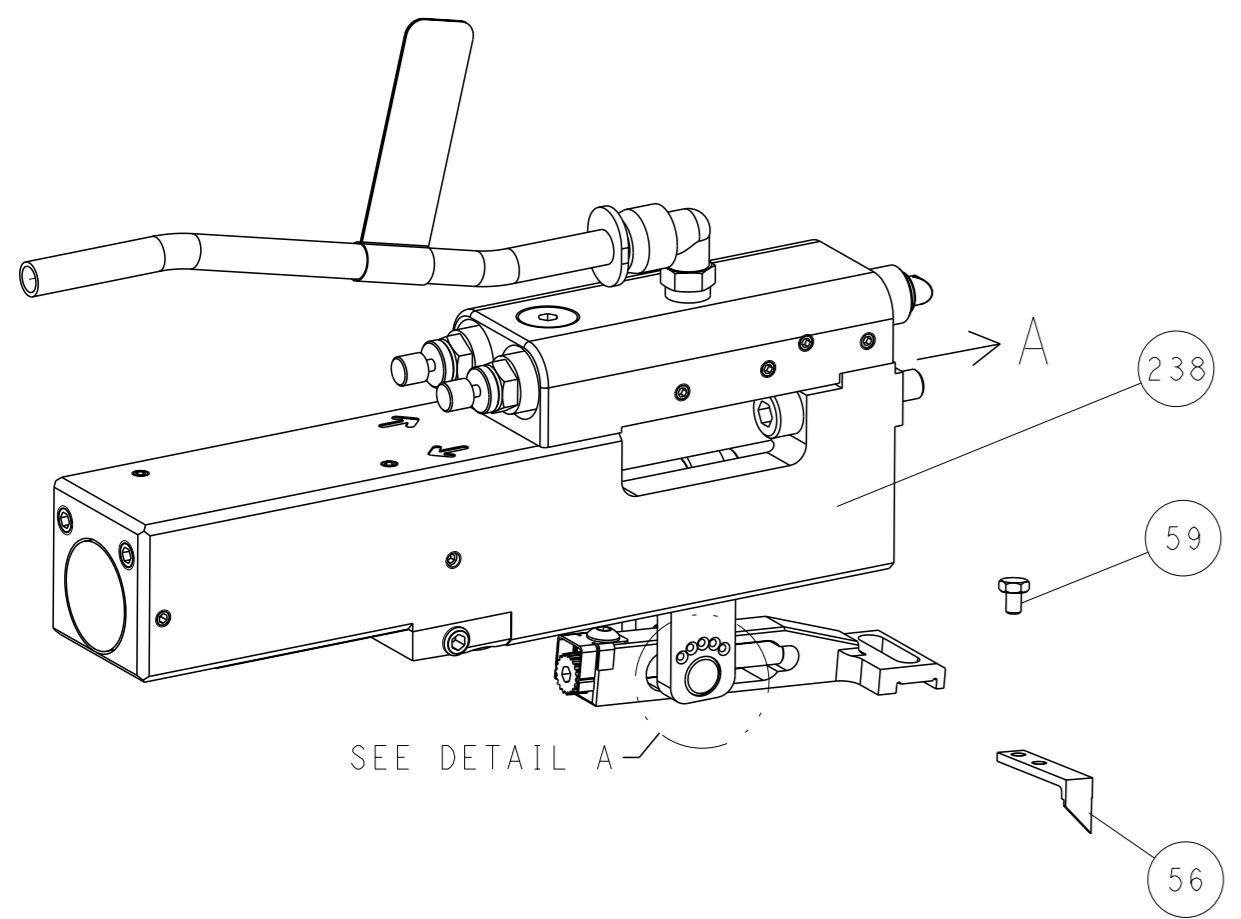
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mm	0 PLC ±	1 PLC ±	2 PLC ±	CHK	26MAY2014	
	3 PLC ±	4 PLC ±	ANGLES ±	APVD	26MAY2014	NAME
	FINISH					Ocean Side Feed Applicator
MATERIAL		WEIGHT		SIZE	CAGE CODE	DRAWING NO
				A1	00779	2151251
Customer Accessible Production Drawing				SCALE	1:2	SHEET 1 OF 4
				REV	D	

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

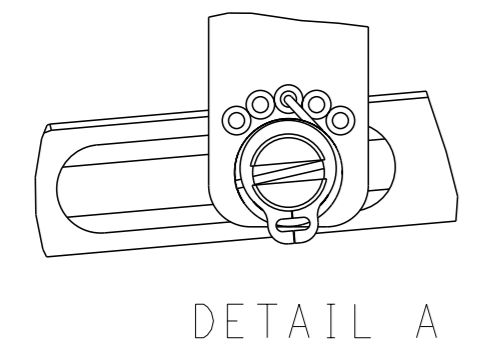
# FEED TYPE MECHANICAL



## PNEUMATIC

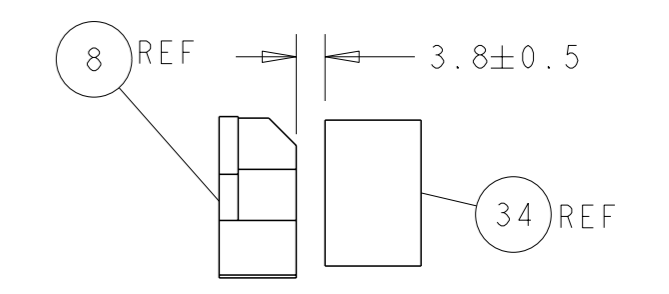
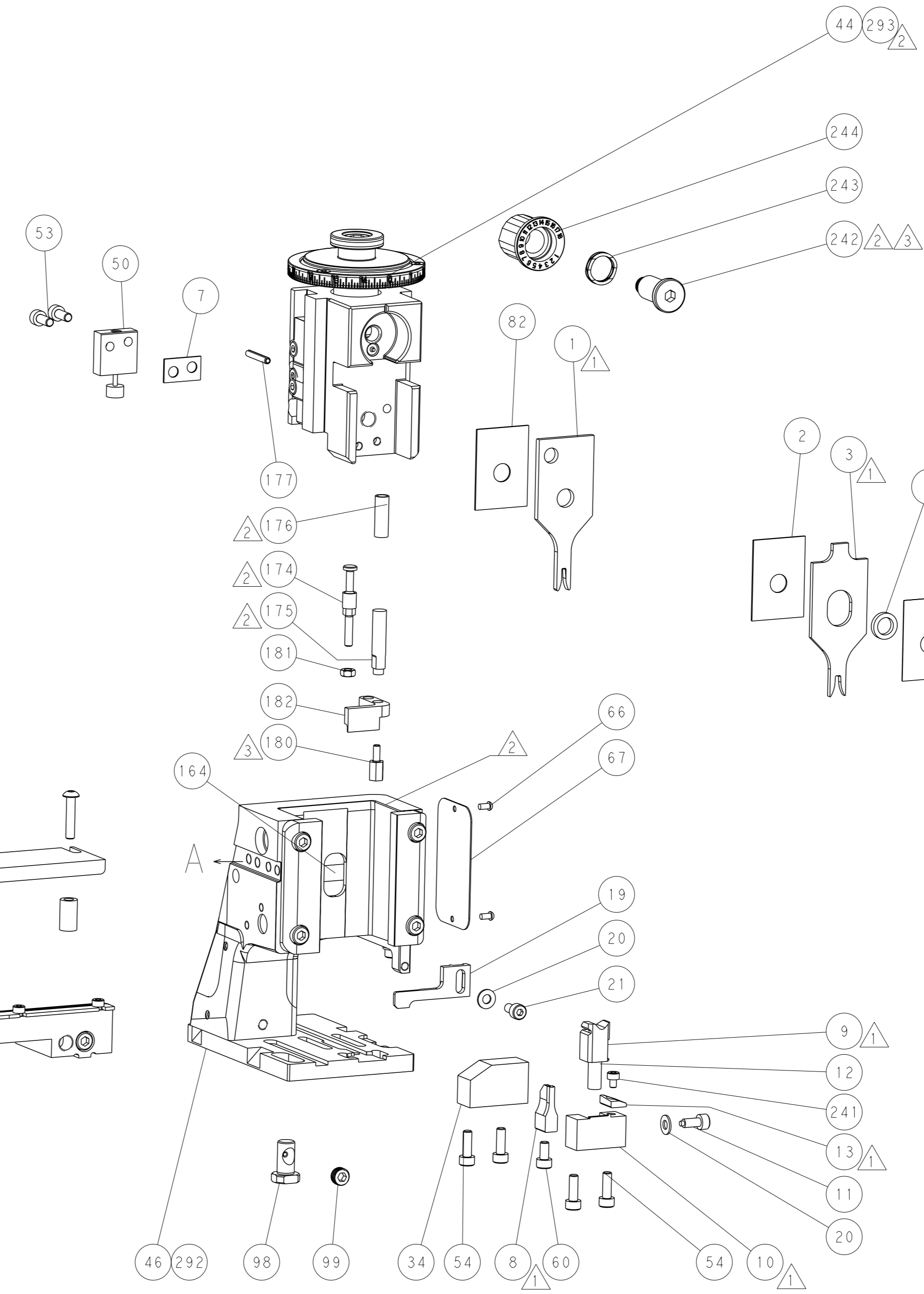
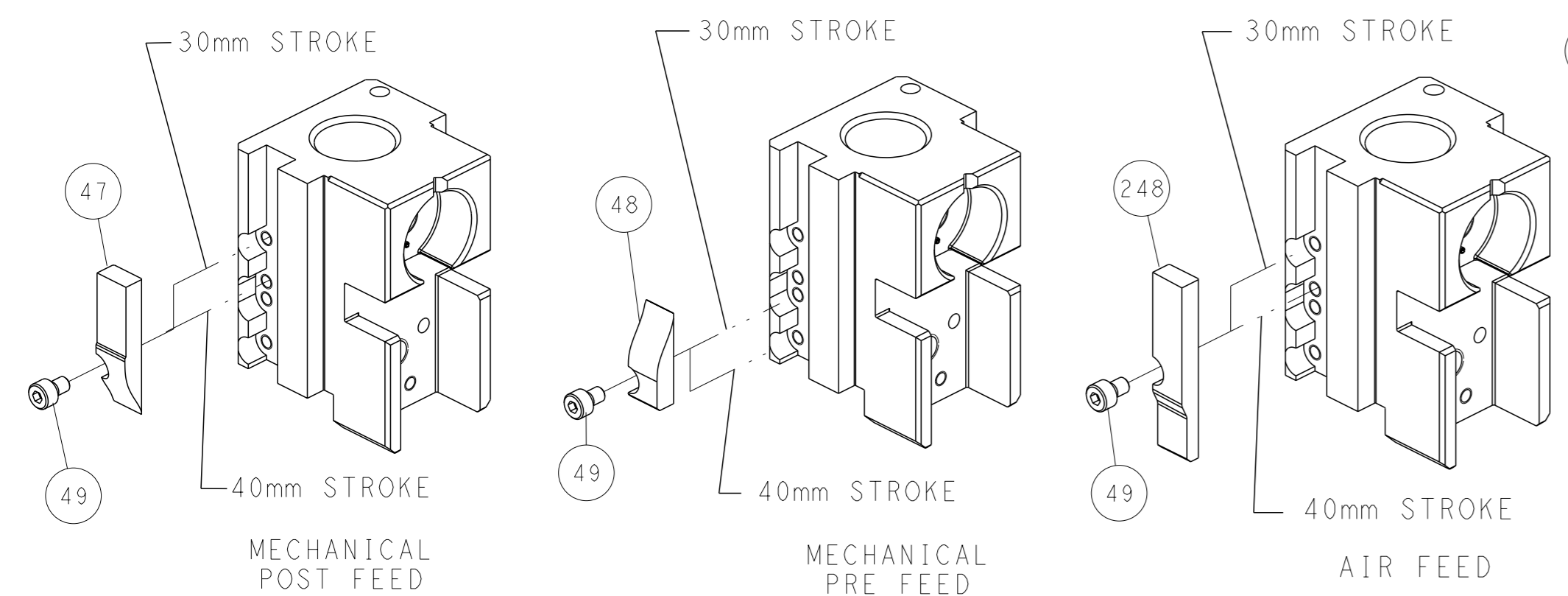


## FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

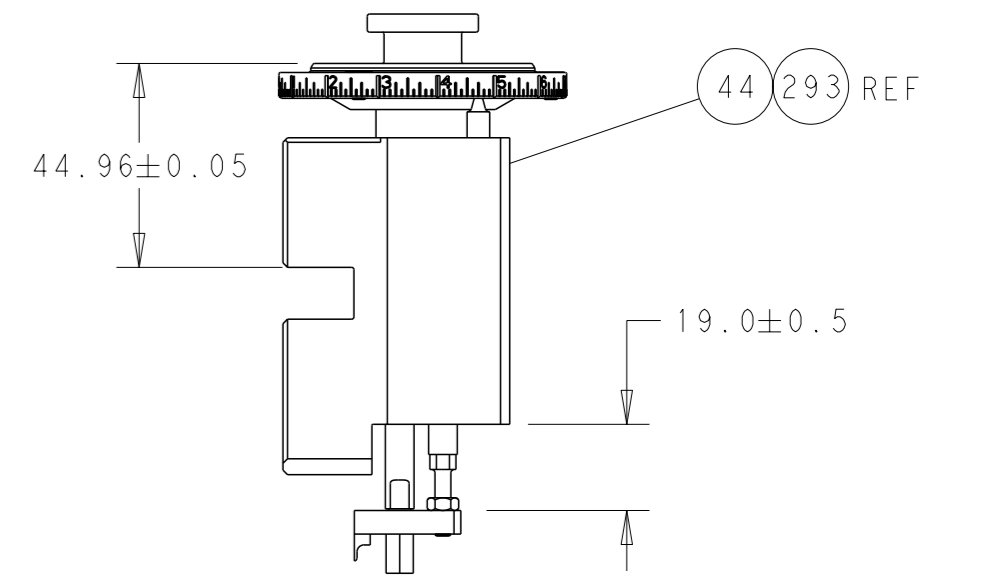


DETAIL A

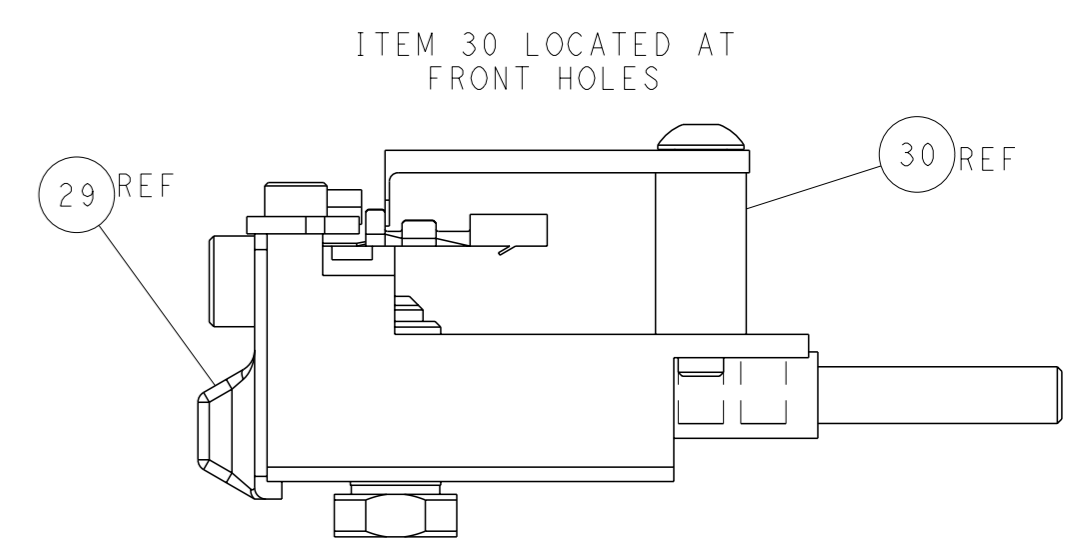
# CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM AND HOLD DOWN SET-UP



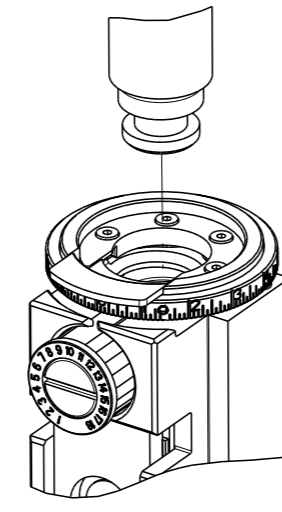
FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		OWN: H. HUANG 26MAY2014 CHK: L. ZHANG 26MAY2014 APVD: J. GUO 26MAY2014 PRODUCT SPEC APPLICATION SPEC WEIGHT: - MATERIAL: -		NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151251 SCALE: 1:2 SHEET: 2 of 4 REV: D		RESTRICTED TO: - Customer Accessible Production Drawing	
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THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION		
8	7		
COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.			
PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151251-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151251-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151251-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR  
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.80 mm [.071]	F
INSUL	2.80 mm [.110]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION
TERMINAL NAME: .090 II MLC RECEPTACLE		
WIRE STRIP LENGTH 4.00-4.60 mm [.157-.181 IN]		INSULATION DIAMETER RANGE Ø1.40-2.10 mm [.055-.083 IN]
TERMINAL APPLICATION SPECIFICATION 114-61004	-	-
TERMINALS APPLIED		
TE TERMINAL 368085-1	TE TERMINAL 1-368085-1	TE TERMINAL

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	0.89 +/- 0.05 [.035 +/- .002]	5.7
0.30mm2	0.80 +/- 0.05 [.031 +/- .002]	7.0

- 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.
- 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.
- UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- TERMINAL LUBRICANT IS RECOMMENDED.

**\*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)

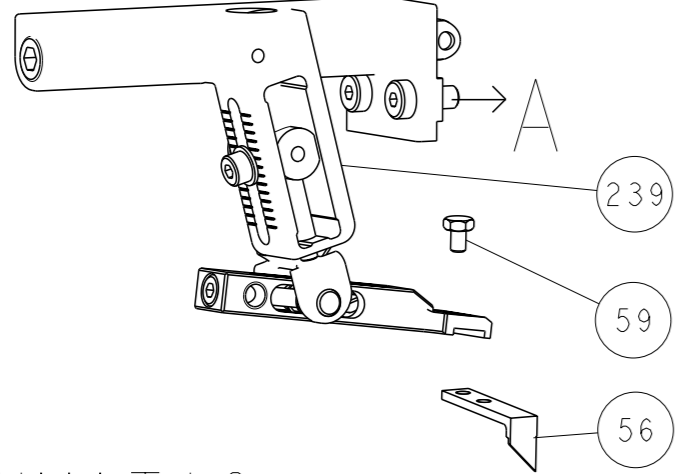
LOC	DIST	REVISIONS					
A	66	P	LY#	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1	-	-	-

-	1	1	2119082-3	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	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	4	4	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
6	-	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	1803607-1	DOCUMENTATION PACKAGE	71
-	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	1	1338685-1	PAWL, FEED	56
-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	1803382-6	HOLD DOWN, SPRING LOADED	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
-	1	1	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	455888-3	SPACER, CRIMPER	28
-	1	1	1320928-2	STRIP GUIDE	24
-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-1	STRIPPER, SIDE FEED	19
1	-	1	2119806-1	INSERT, SHEAR	13
-	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1-356885-4	STOP, SHEAR	11
1	-	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1803095-1	FLOATING SHEAR, FRONT	9
1	1	1	2-1803057-6	ANVIL, COMBINATION	8
-	1	1	3-240641-8	SPACER	7
-	-	-	-	-	6
-	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	1-238011-7	BLOCK, CRIMPER SPACER	4
1	1	1	6-2119582-6	CRIMPER, INSULATION F PREMIUM	3
-	1	1	455888-6	SPACER, CRIMPER	2
1	1	1	3-456404-5	CRIMPER, WIRE PREMIUM	1

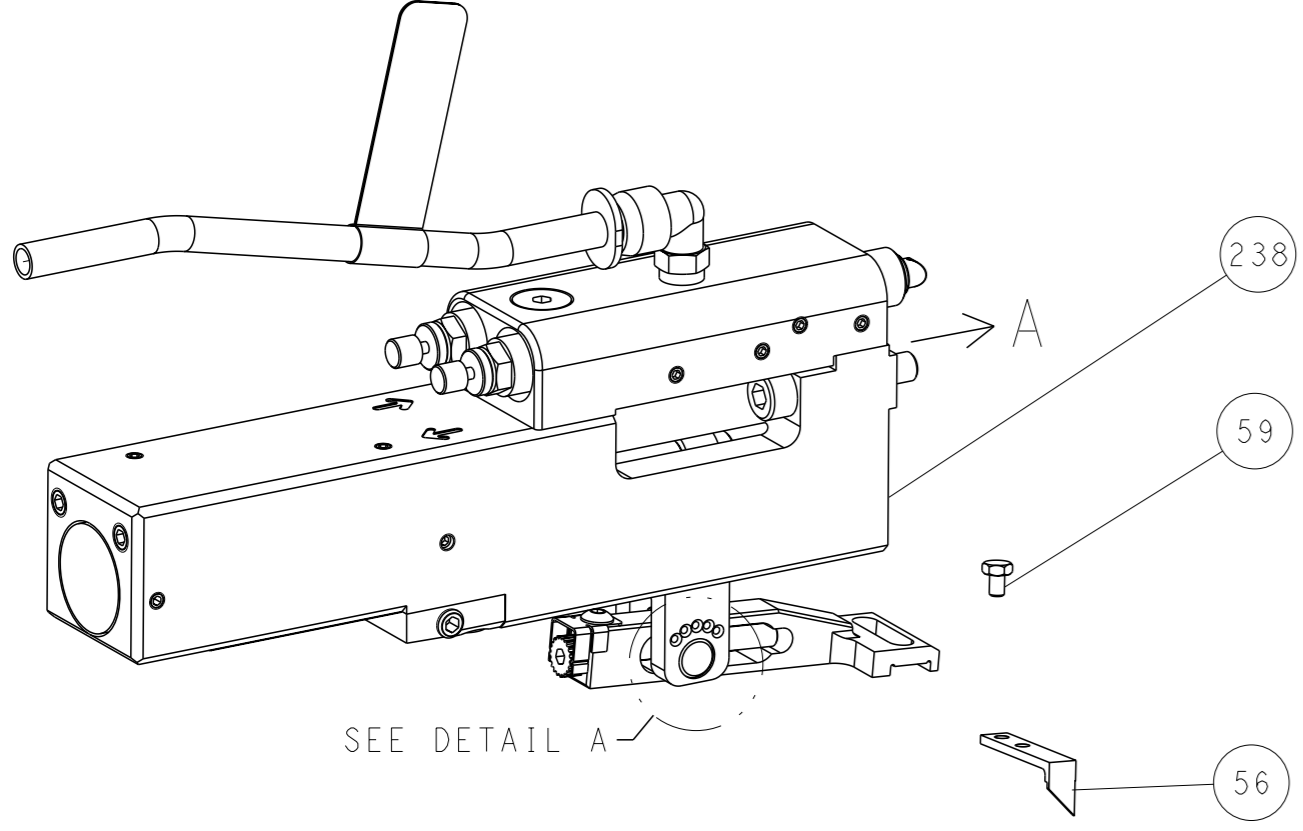
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN H. HUANG 26MAY2014		TE Connectivity Harrisburg, PA 17105-3608	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	NAME Ocean Side Feed Applicator	
MATERIAL		FINISH		APVD U. GUO 26MAY2014		SIZE A1	
				WEIGHT		SCALE 1:2	
				CUSTOMER ACCESSIBLE PRODUCTION DRAWING		SHEET 3 OF 4	

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

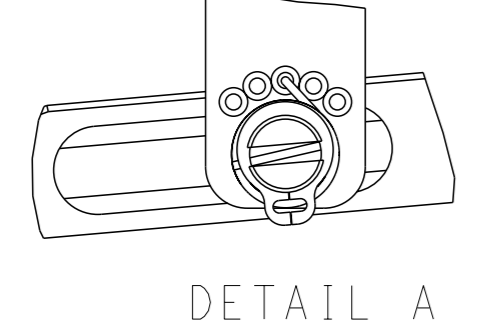
# FEED TYPE MECHANICAL



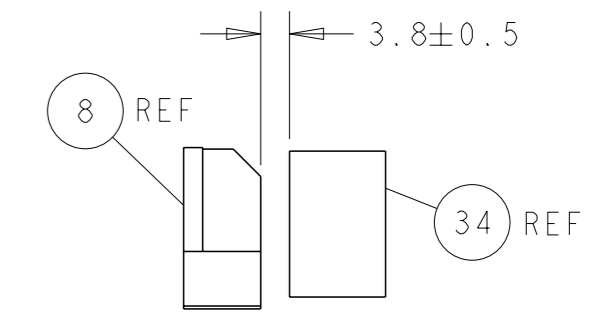
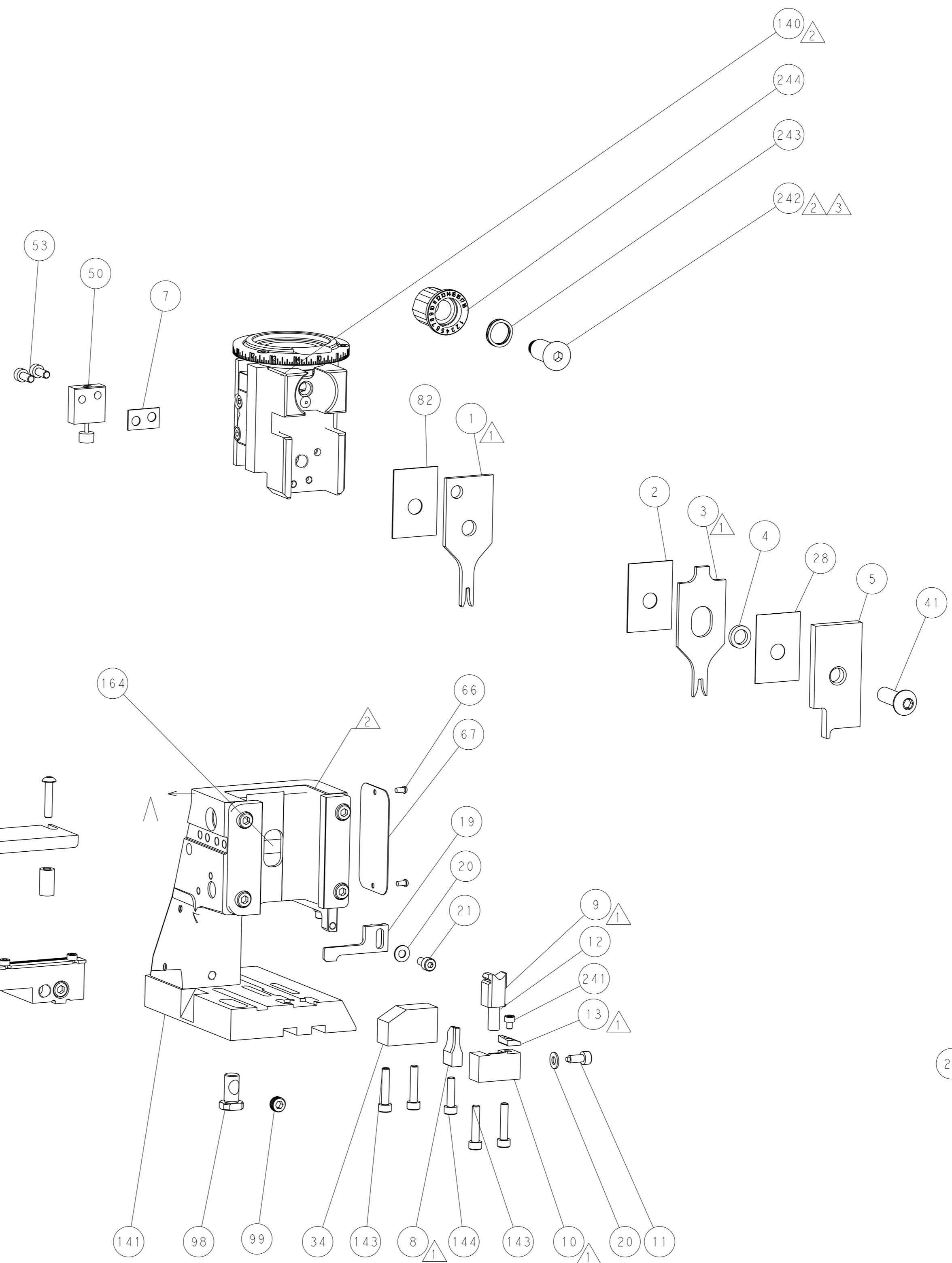
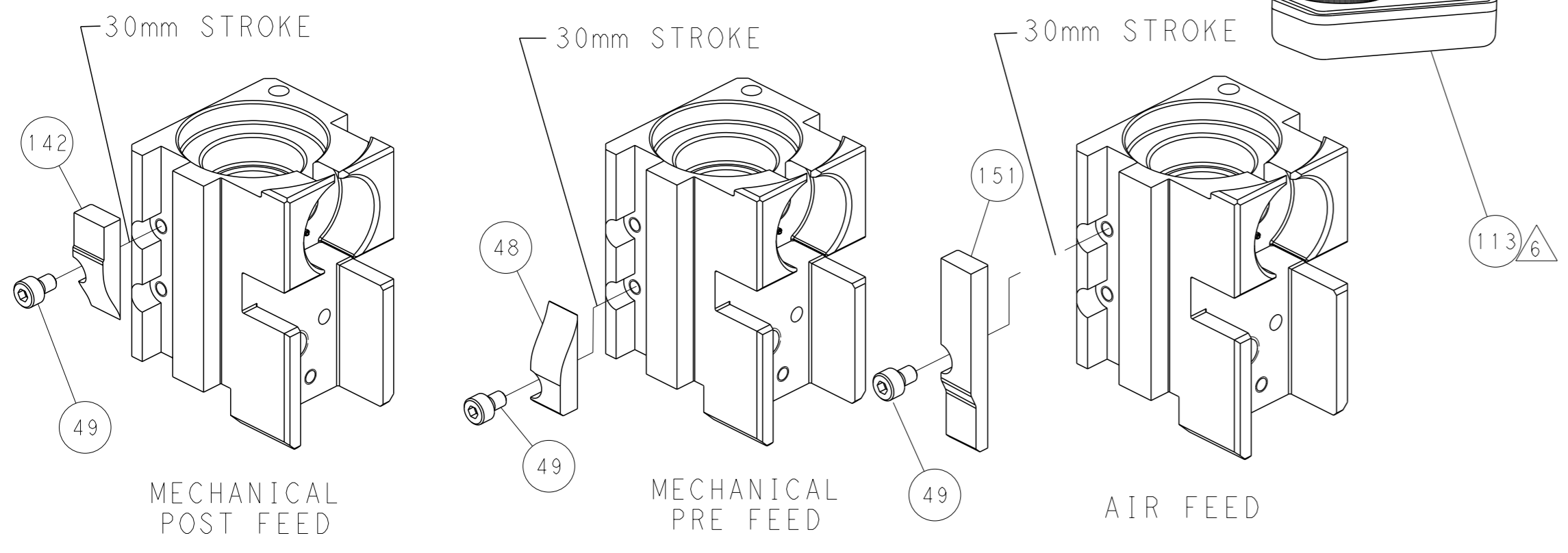
## PNEUMATIC



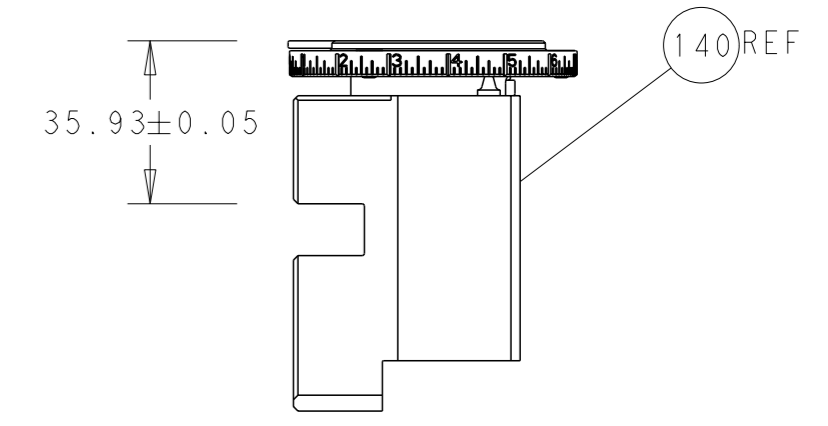
## FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



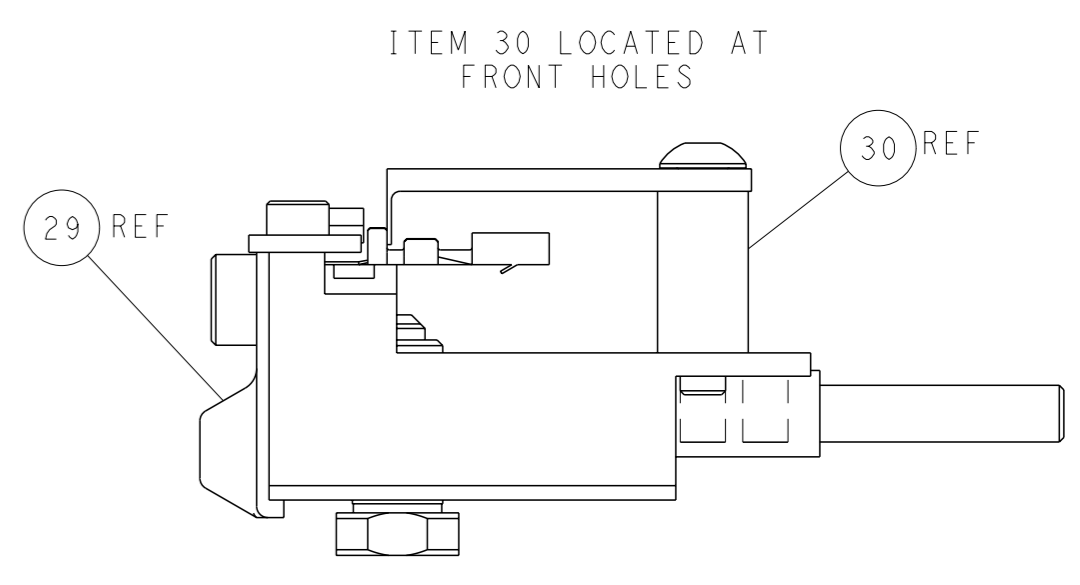
# CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM 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)

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROL AND ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		OWN: H. HUANG CHK: L. ZHANG APVD: J. GUO	26MAY2014 26MAY2014 26MAY2014	NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151251	RESTRICTED TO:
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH ±	WEIGHT:	SCALE: 1:2	SHEET: 4 of 4	REV: D	CUSTOMER ACCESSIBLE PRODUCTION DRAWING

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[7-2151251-7](#)