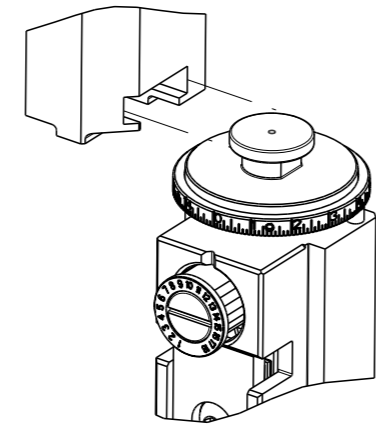


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151495-1	F	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151495-2	F	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151495-1	F	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151495-2	F	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151495-7	C	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.56 mm [.140]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: UNIVERSAL MATE-N-LOCK PIN AND SOCKET			
WIRE STRIP LENGTH 6.38-7.14 mm [.251-.281 IN]		INSULATION DIAMETER RANGE ∅ 5.08mm[.200IN] MAX	
TERMINAL APPLICATION SPECIFICATION	114-1010	-	-

TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
350923-3	770004-4	350922-3	770003-4
350923-4	1-770004-0	350922-6	770003-8
350923-6	1586065-1	770234-3	1-770003-0
770004-3	350922-1	770003-3	1586096-1

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
10 AWG	2.29+/-0.05 [0.090+/-0.002]	5.4
5.00mm2	2.21+/-0.05 [0.087+/-0.002]	6.2
4.40mm2	2.08+/-0.05 [0.082+/-0.002]	7.5
4.00mm2	2.01+/-0.05 [0.079+/-0.002]	8.2
12 AWG	1.83+/-0.05 [0.072+/-0.002]	10.6

- RECOMMENDED SPARE PARTS
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 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.

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

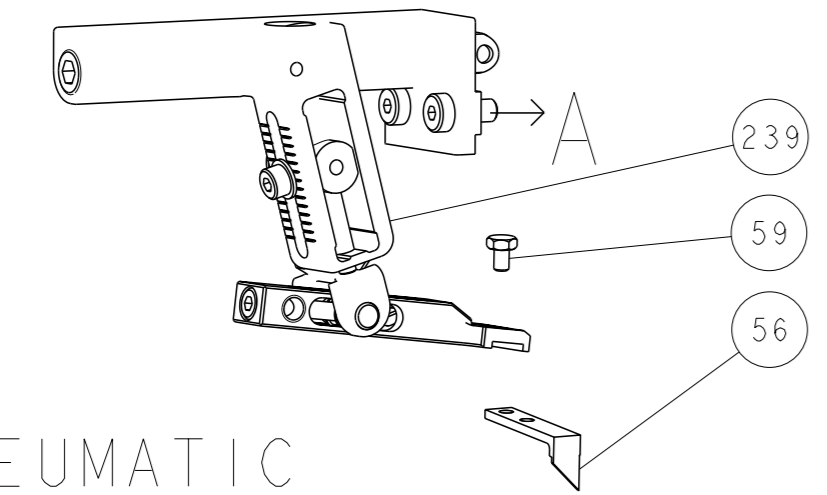
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		E		ECR-18-018786	29NOV2018	JAH	CT
		E1		ECR-19-009793	24JUN2019	FZ	TE
		F		ECR-20-001414	29JAN2020	JAH	GB
		F1		ECR-20-006517	27MAY2020	JWC	TE

-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	18023-1	SCR, SKT HD CAP M3 X 5.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	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	1	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	1	1	1803382-6	HOLD DOWN, SPRING LOADED	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	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	1	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	1-1752356-8	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1-455888-0	SPACER, CRIMPER	28
-	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	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1803095-1	FLOATING SHEAR, FRONT	9
-	1	2	2	1	1333227-5	ANVIL, SPECIAL (WIRE/B ONLY)	8
-	1	1	1	1	1-2119757-0	DEPRESSOR, SHEAR	5
-	1	2	2	1	2-456411-0	CRIMPER, WIRE PREMIUM	1

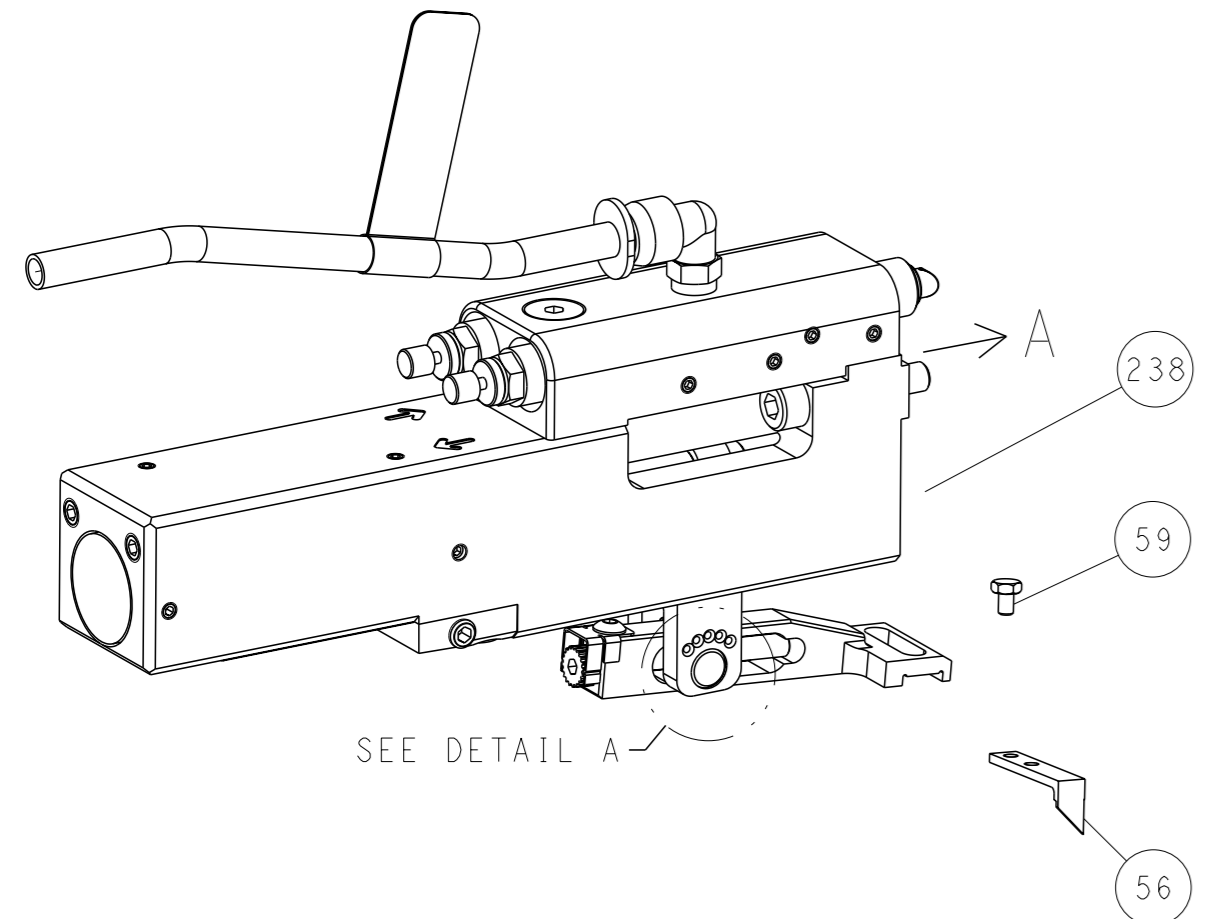
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROVED:		NAME:	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES FINISH	APPLICATOR SPEC
MATERIAL		FINISH		WEIGHT		SCALE	
-		-		-		1:2	

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

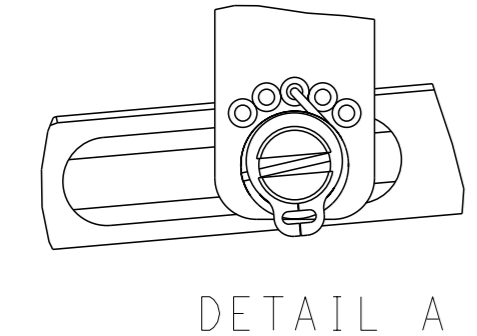
# FEED TYPE MECHANICAL



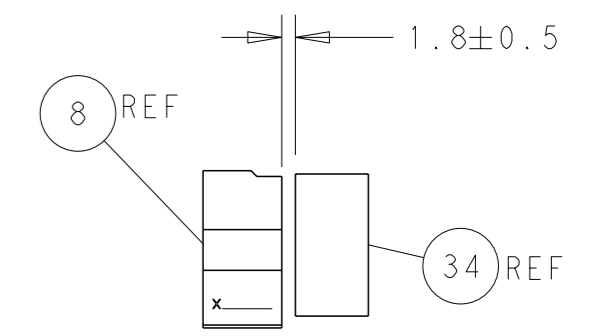
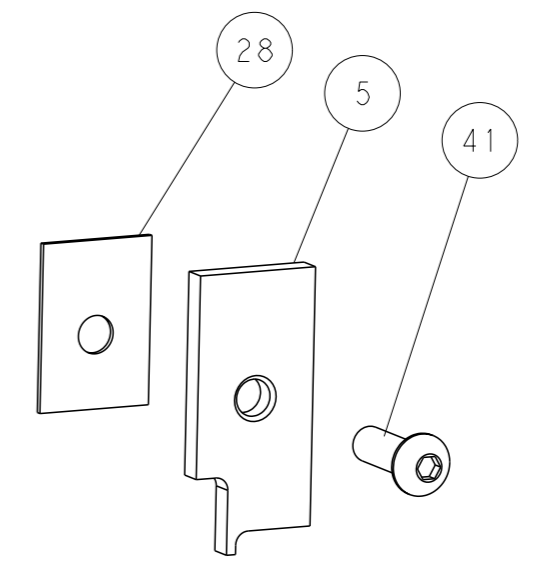
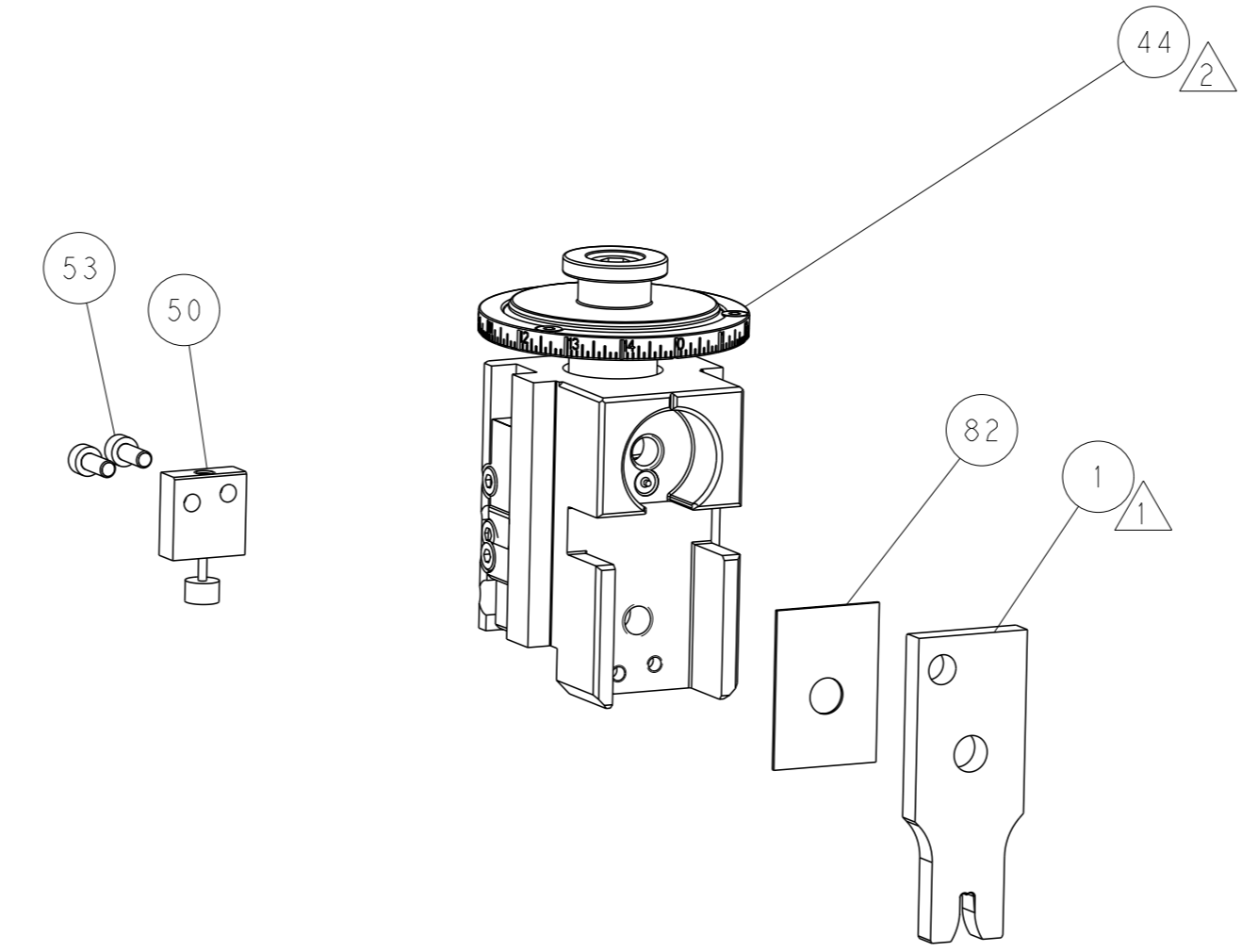
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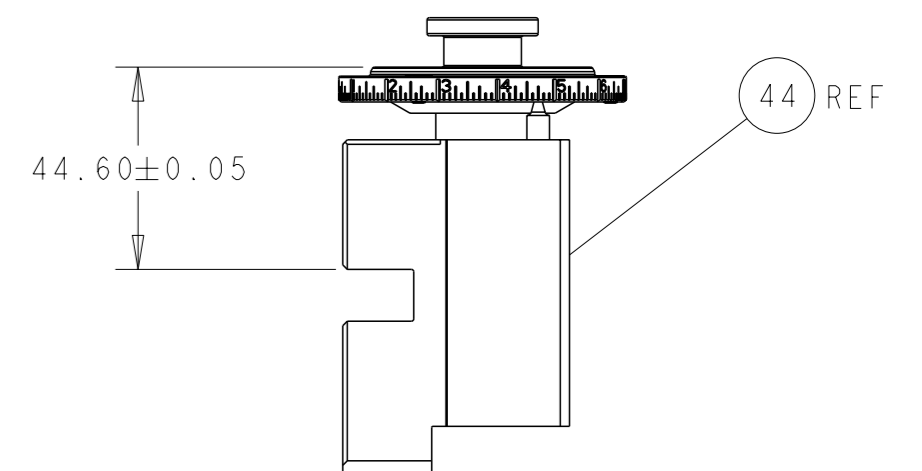
## FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



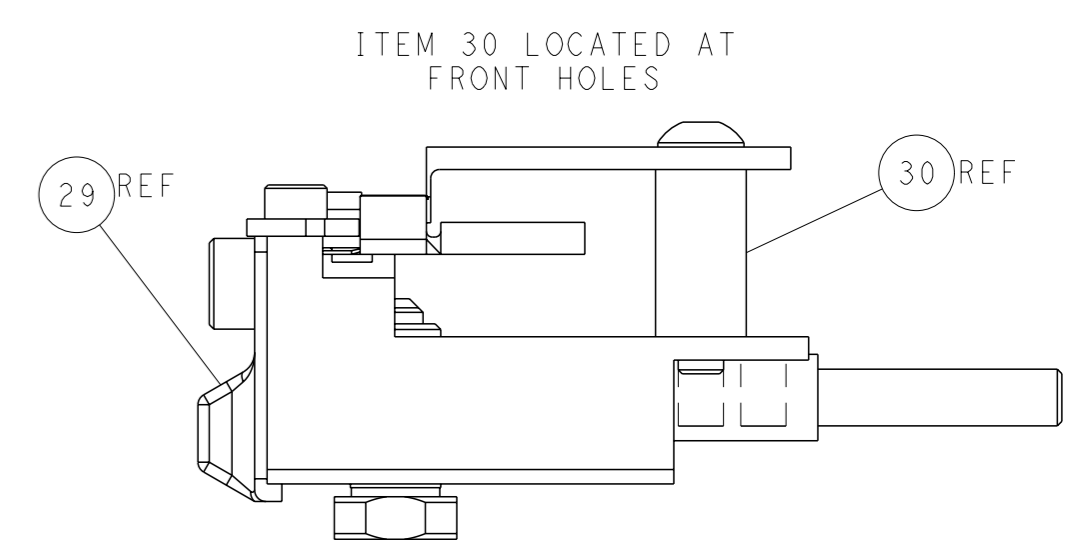
DETAIL A



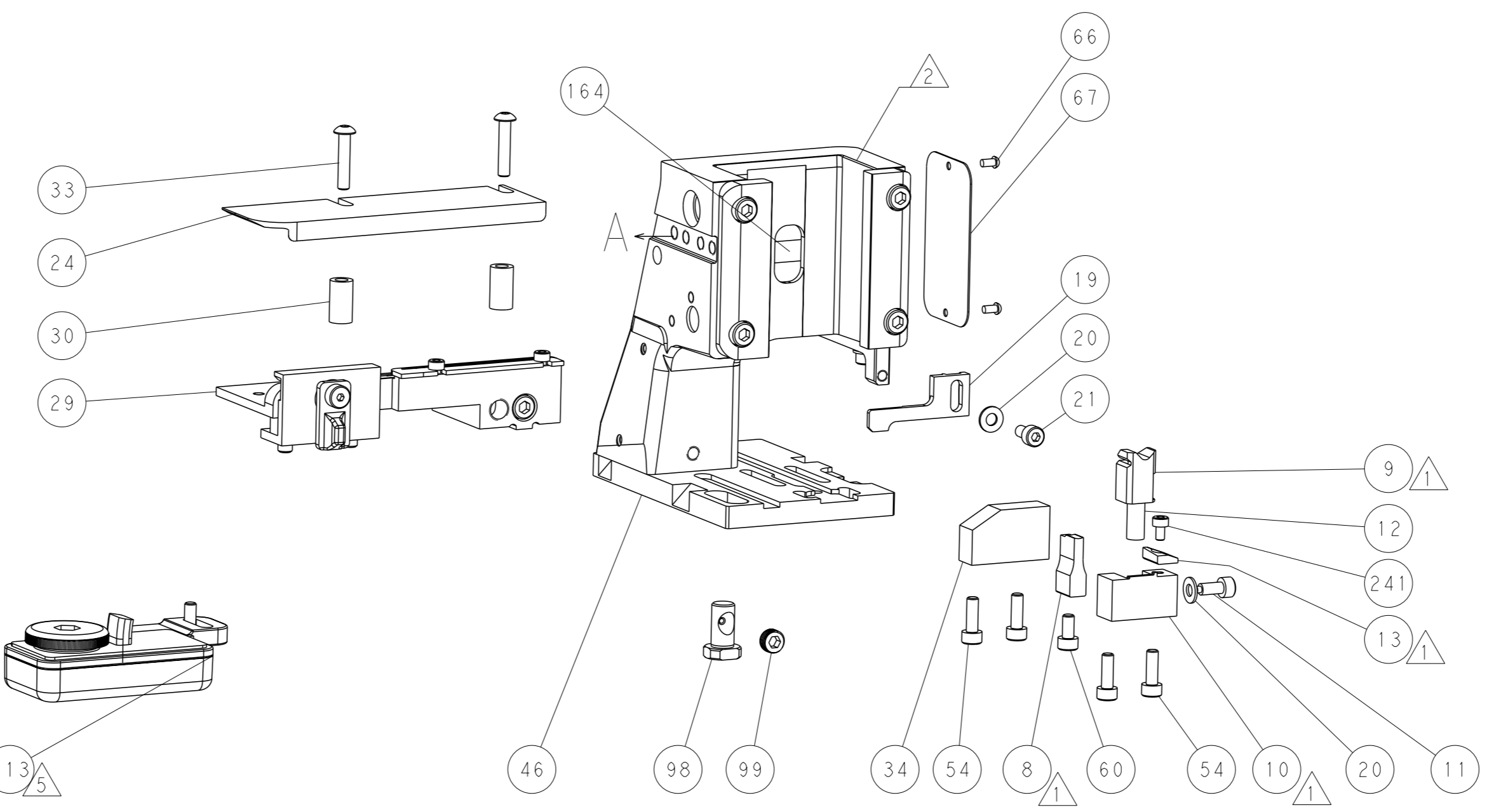
TERMINAL SUPPORT LOCATION



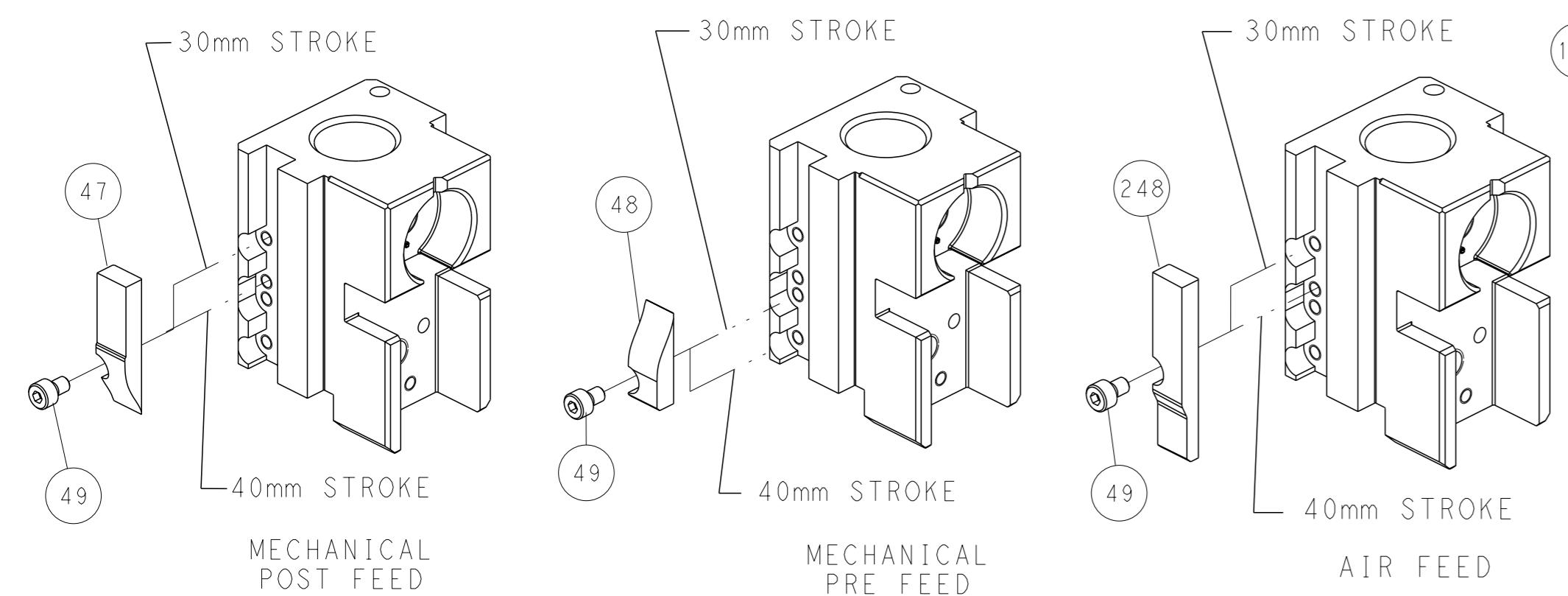
RAM SET-UP



FEED TRACK POSITION GUIDE BY WIRE BARREL



# CAM POSITIONS

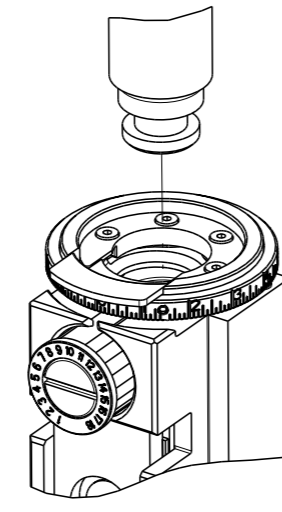


**ATLANTIC VERSION**  
 Shown on sheets 1 of 4 & 2 of 4  
 (Pacific version shown on sheets 3 of 4 & 4 of 4)

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND TO CONTROLING ENGINEERING DISCRETION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		OWN: G. HOFFNER 12SEPT2011 CHK: G. BAILEY 13SEPT2011 APVD: G. BAILEY 13SEPT2011 PRODUCT SPEC	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 2.0 Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2151495 RESTRICTED TO:	WEIGHT: - SCALE: 1:2 SHEET: 2 of 4 REV: F1	Customer Accessible Production Drawing

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151495-1	F	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151495-2	F	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151495-7	C	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR  
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.56 mm (.140)	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION  
TERMINAL NAME: UNIVERSAL MATE-N-LOCK PIN AND SOCKET

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
6.38-7.14 mm (.251-.281 IN)	∅ 5.08mm(.200 IN) MAX
TERMINAL APPLICATION SPECIFICATION	114-1010

TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
350923-3	770004-4	350922-3	770003-4
350923-4	1-770004-0	350922-6	770003-8
350923-6	1586065-1	770234-3	1-770003-0
770004-3	350922-1	770003-3	1586096-1

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
10 AWG	2.29 +/- 0.05 [0.090 +/- .002]	5.4
5.00mm2	2.21 +/- 0.05 [0.087 +/- .002]	6.2
4.40mm2	2.08 +/- 0.05 [0.082 +/- .002]	7.5
4.00mm2	2.01 +/- 0.05 [0.079 +/- .002]	8.2
12 AWG	1.83 +/- 0.05 [0.072 +/- .002]	10.6

- 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. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- 5. 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)

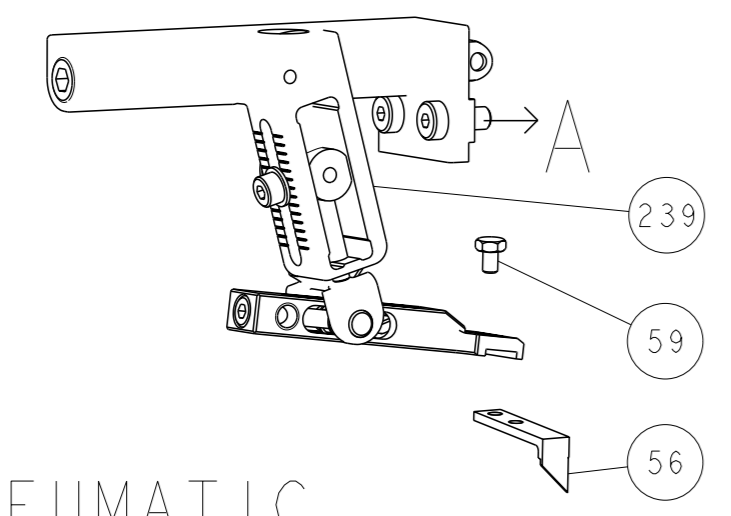
LOC	DIST	REVISIONS					
A	66	P	LYR	DESCRIPTION	DATE	OWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

-	1	1	18023-1	SCR, SKT HD CAP M3 X 5.0	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
5	1	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	1803607-3	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	1-1752356-8	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1-455888-0	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	1	2119806-1	INSERT, SHEAR	13
-	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1-356885-4	STOP, SHEAR	11
1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
1	1	1	1803095-1	FLOATING SHEAR, FRONT	9
1	1	1	1333227-5	ANVIL, SPECIAL (WIRE/B ONLY)	8
-	1	1	1-2119757-0	DEPRESSOR, SHEAR	5
1	1	1	2-456411-0	CRIMPER, WIRE PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

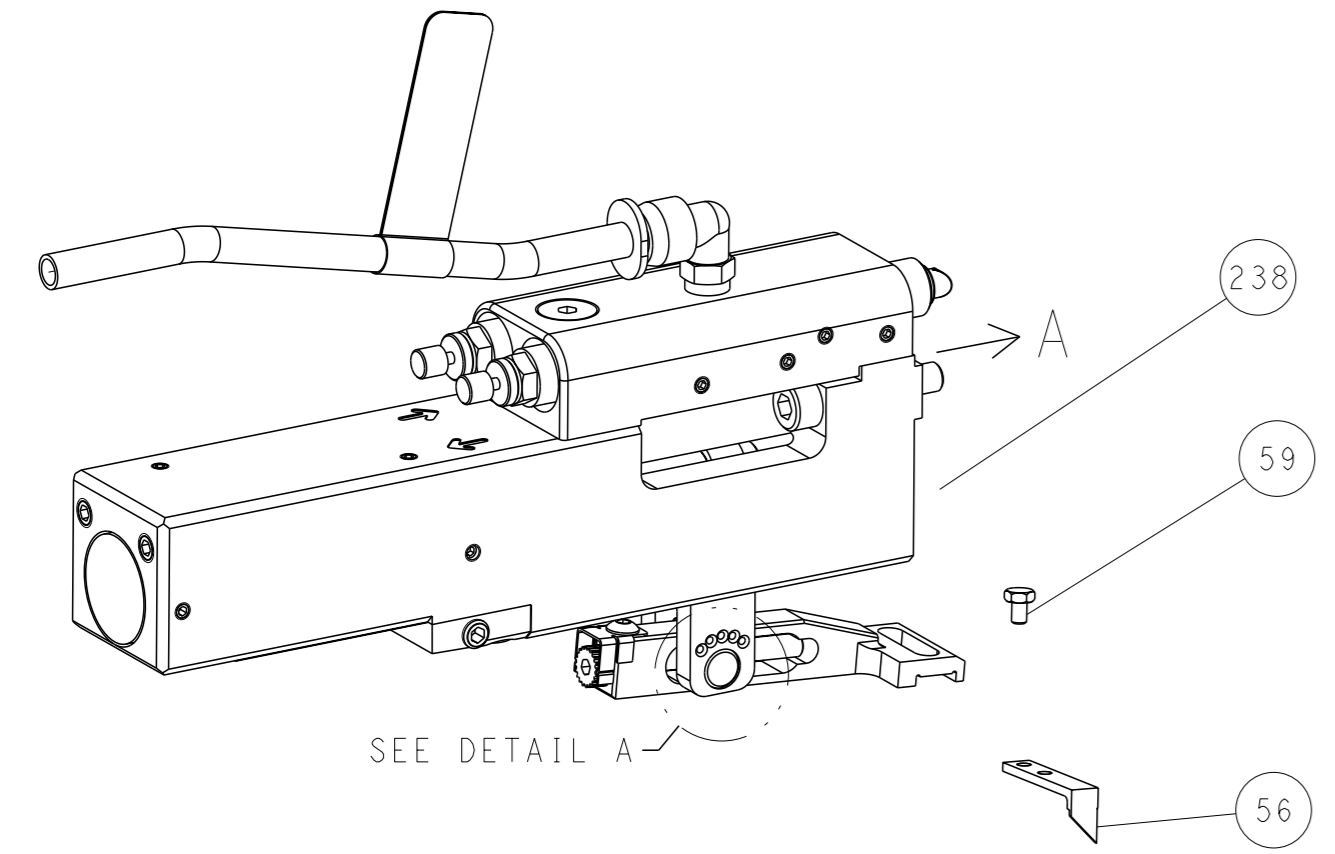
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mm		0 PLC ±		CHK G. BAILEY 13SEPT2011		Harrisburg, PA 17105-3608	
1 PLC ±		2 PLC ±		APVD G. BAILEY 13SEPT2011		NAME Ocean 2.0 Side Feed Applicator	
3 PLC ±		4 PLC ±		PRODUCT SPEC		SIZE CASE CODE DRAWING NO RESTRICTED TO	
5 PLC ±		FINISH		APPLICATION SPEC		A1 00779 C=2151495	
MATERIAL		WEIGHT		SCALE 1:2		SHEET 3 OF 4 REV F1	
				Customer Accessible Production Drawing			

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

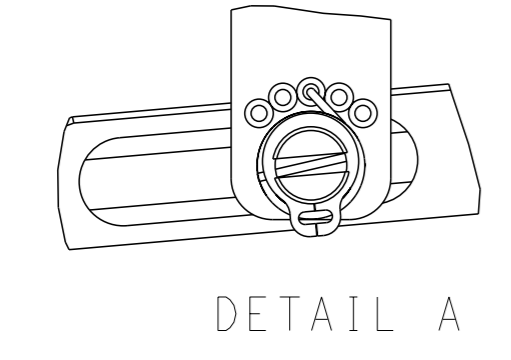
# FEED TYPE MECHANICAL



# PNEUMATIC

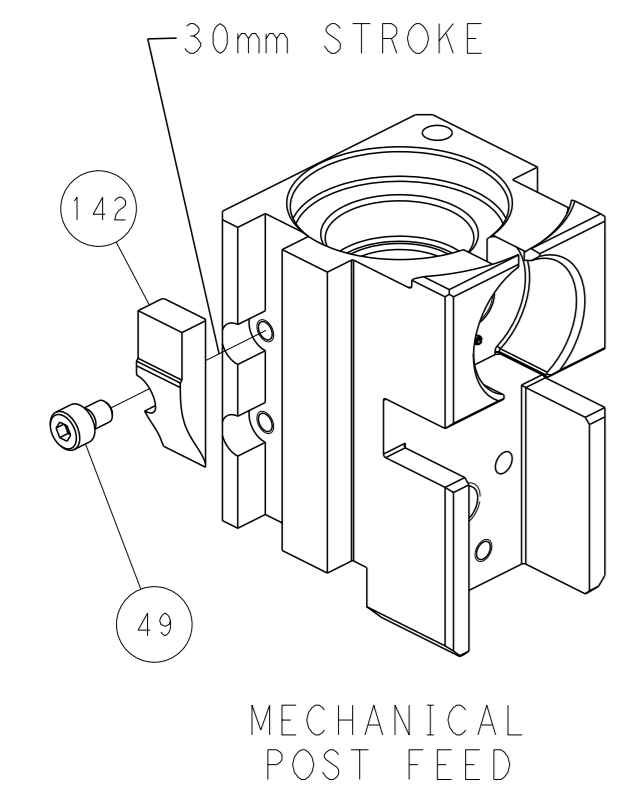


# FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

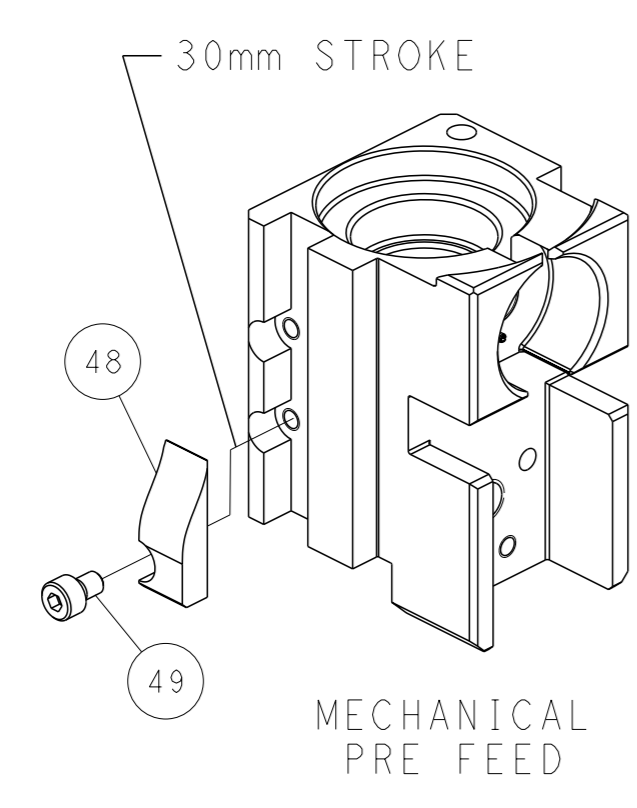


DETAIL A

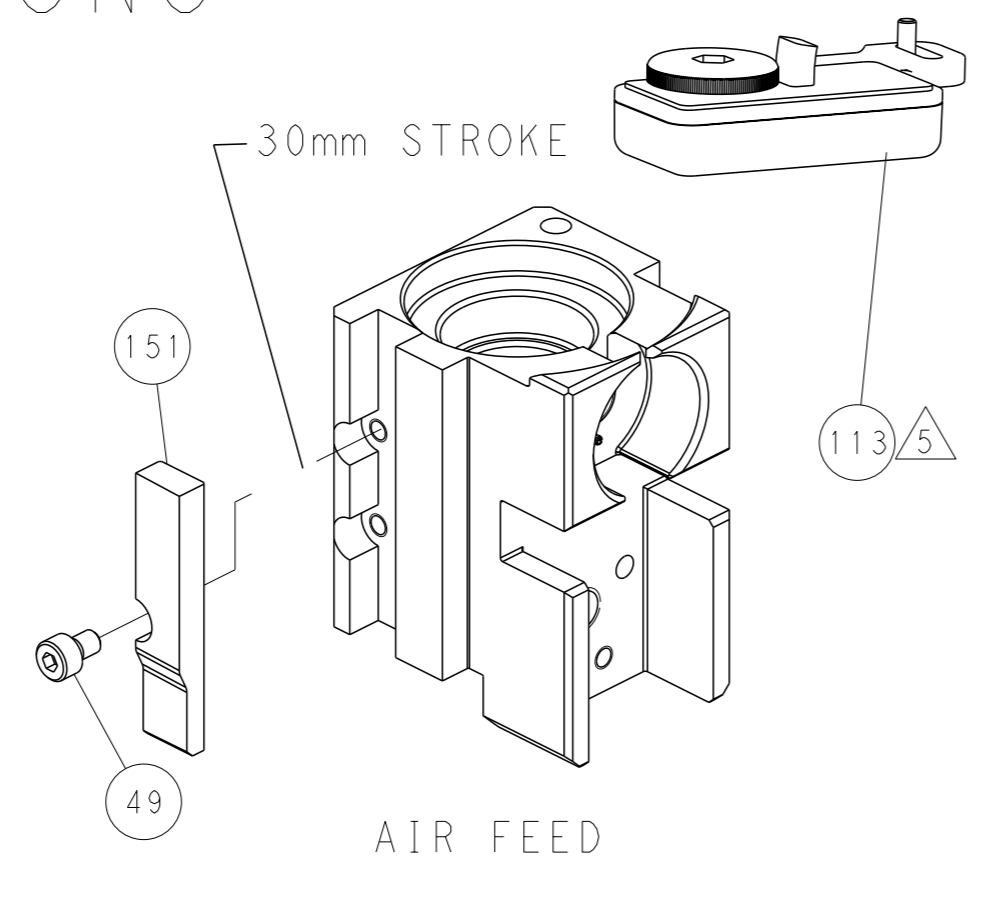
# CAM POSITIONS



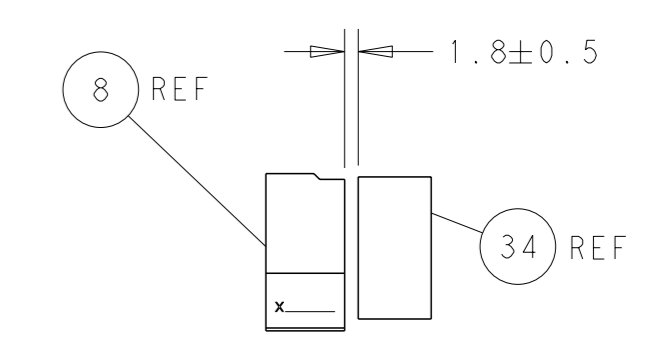
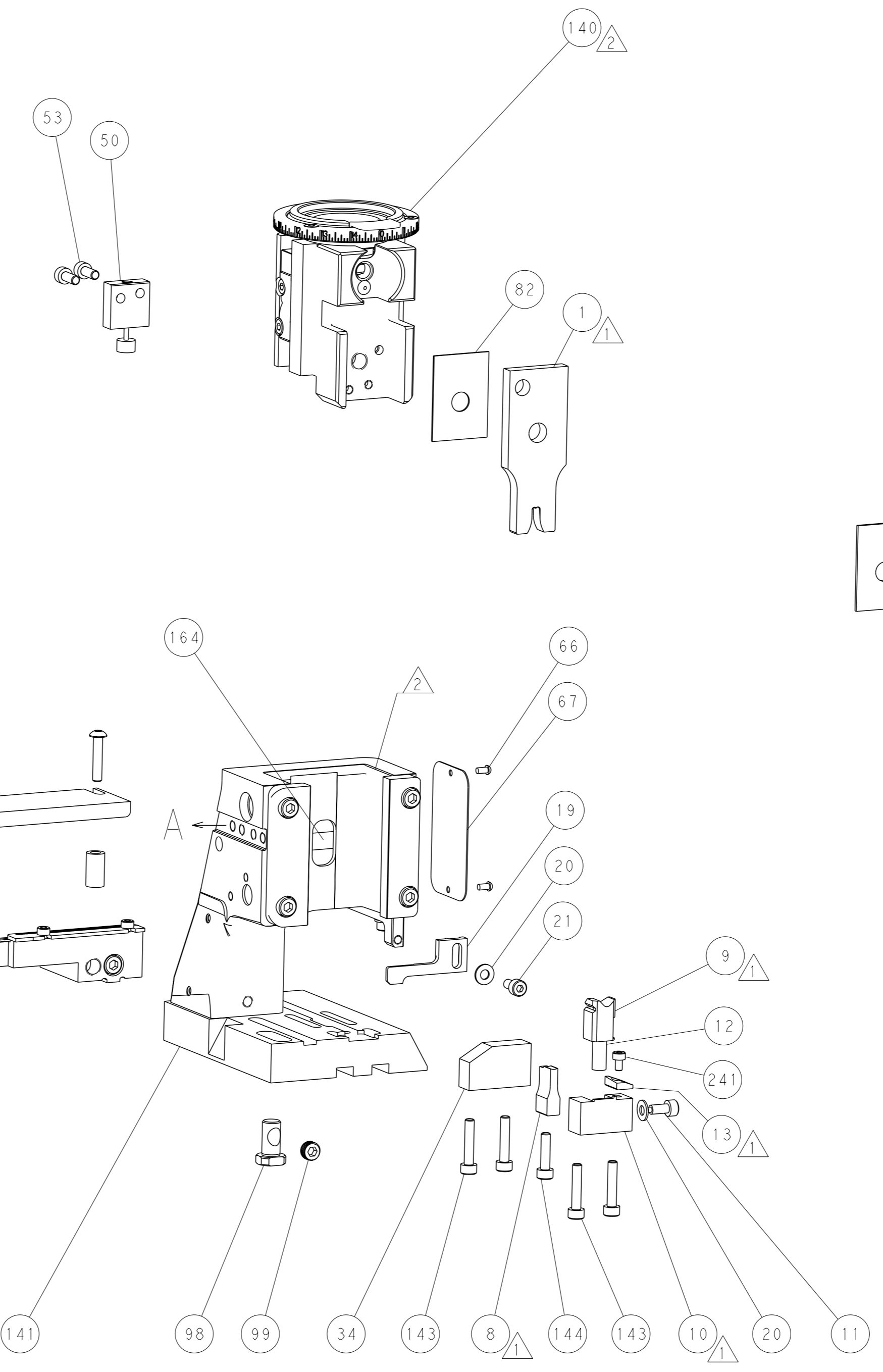
MECHANICAL  
POST FEED



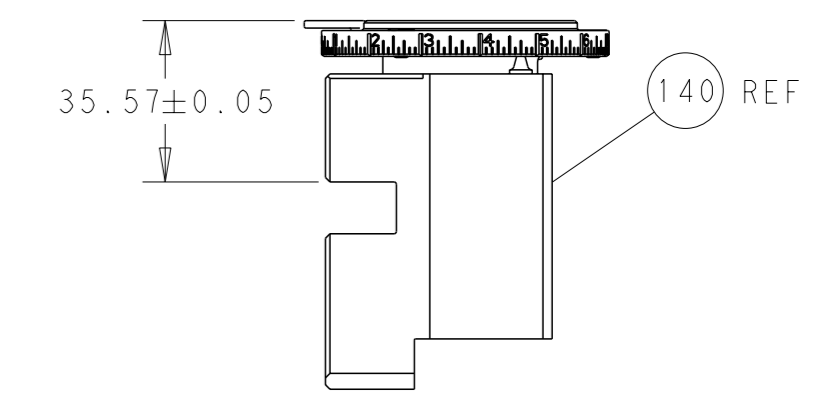
MECHANICAL  
PRE FEED



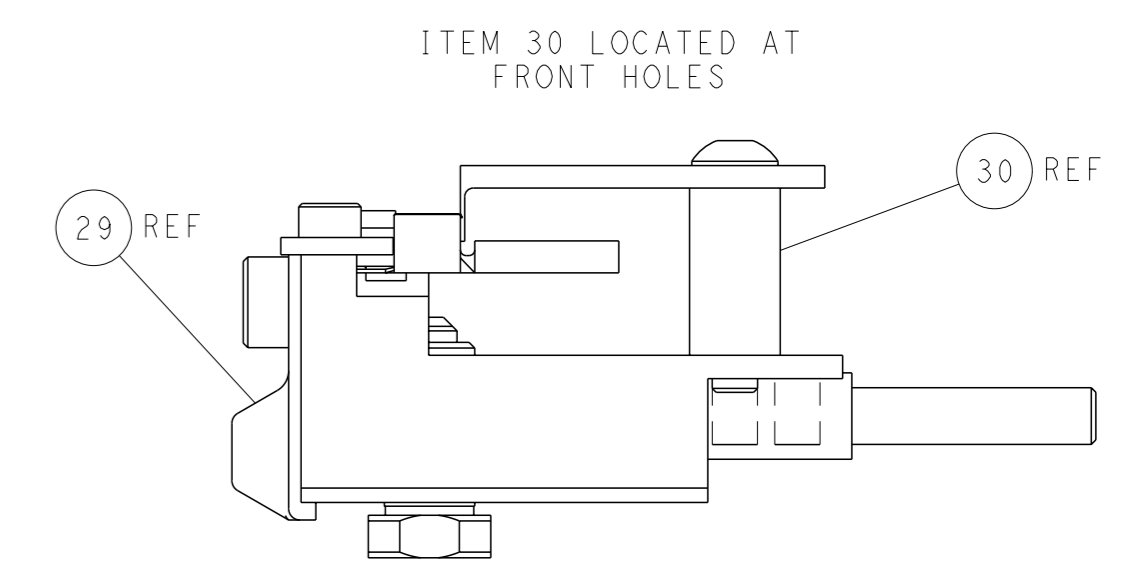
AIR FEED



TERMINAL SUPPORT LOCATION



RAM SET-UP



FEED TRACK POSITION  
GUIDE BY WIRE 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 CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		OWN: G. HOFFNER 12SEPT2011 CHK: G. BAILEY 13SEPT2011 APVD: G. BAILEY 13SEPT2011 PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: - MATERIAL: -	NAME: Ocean 2.0 Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: ©=2151495 SCALE: 1:2 SHEET: 4 of 4 REV: F1	RESTRICTED TO: -
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH ±		STE TE Connectivity Harrisburg, PA 17105-3608		