

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151456-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151456-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151456-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151456-2	B	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151456-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.60 mm [.063]	F
INSUL	1.78 mm [.070]	O

APPLICATOR INSTRUCTIONS 408-35042

TERMINAL DATA: BOSCH TERMINAL BOSCH CRIMP SPECIFICATION			
TERMINAL NAME: BMK 0.6 CONTACT TERMINAL			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
3.50-4.20 mm [.138-.165 IN]		Ø1.40-1.90 mm [.055-.075 IN]	
TERMINAL APPLICATION SPECIFICATION	Y 928 V03 000-EN Rev 22.08.2005		
TERMINALS APPLIED			
TE TERMINAL	BOSCH TERMINAL	TE TERMINAL	BOSCH TERMINAL
1572293-1	1 928 498 016	1572293-2	1 928 498 014
1572111-1	1 928 498 003	1572111-2	1 928 498 001

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.75mm2	1.02 +/- 0.03 [.040 +/- .001]	5.8
0.50mm2	0.95 +/- 0.03 [.037 +/- .001]	6.6

- 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.
- 6 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)

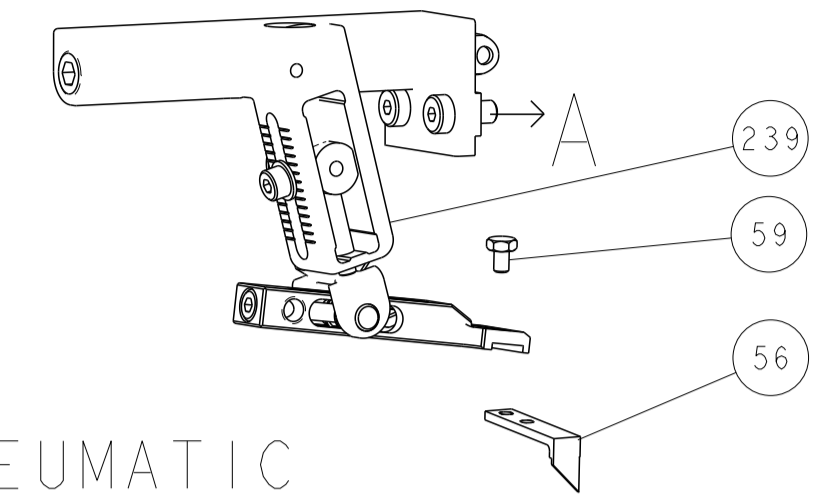
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		B		ECR-21-001708	09FEB2021	LG	TE

-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-5	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	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
6	-	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	5-547505-2	SPRING, COMPRESSION	77
-	1	1	1	1	854769-7	HOLDER, INS	74
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	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	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	53
-	1	1	1	1	1803382-1	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	1752356-6	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	455888-3	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	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1-356885-5	STOP, SHEAR	11
1	-	1	-	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	-	1	1803095-6	FLOATING SHEAR, FRONT	9
1	2	2	1	1	9-1803252-1	ANVIL, COMBINATION	8
-	1	1	1	1	5-240641-2	SPACER	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119780-5	DEPRESSOR, SHEAR	5
-	1	1	1	1	5-238011-2	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	5-1803019-0	CRIMPER, INSULATION O	3
-	-	-	-	-	-	-	2
1	2	2	1	1	3-1633664-8	CRIMPER, WIRE	1
-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

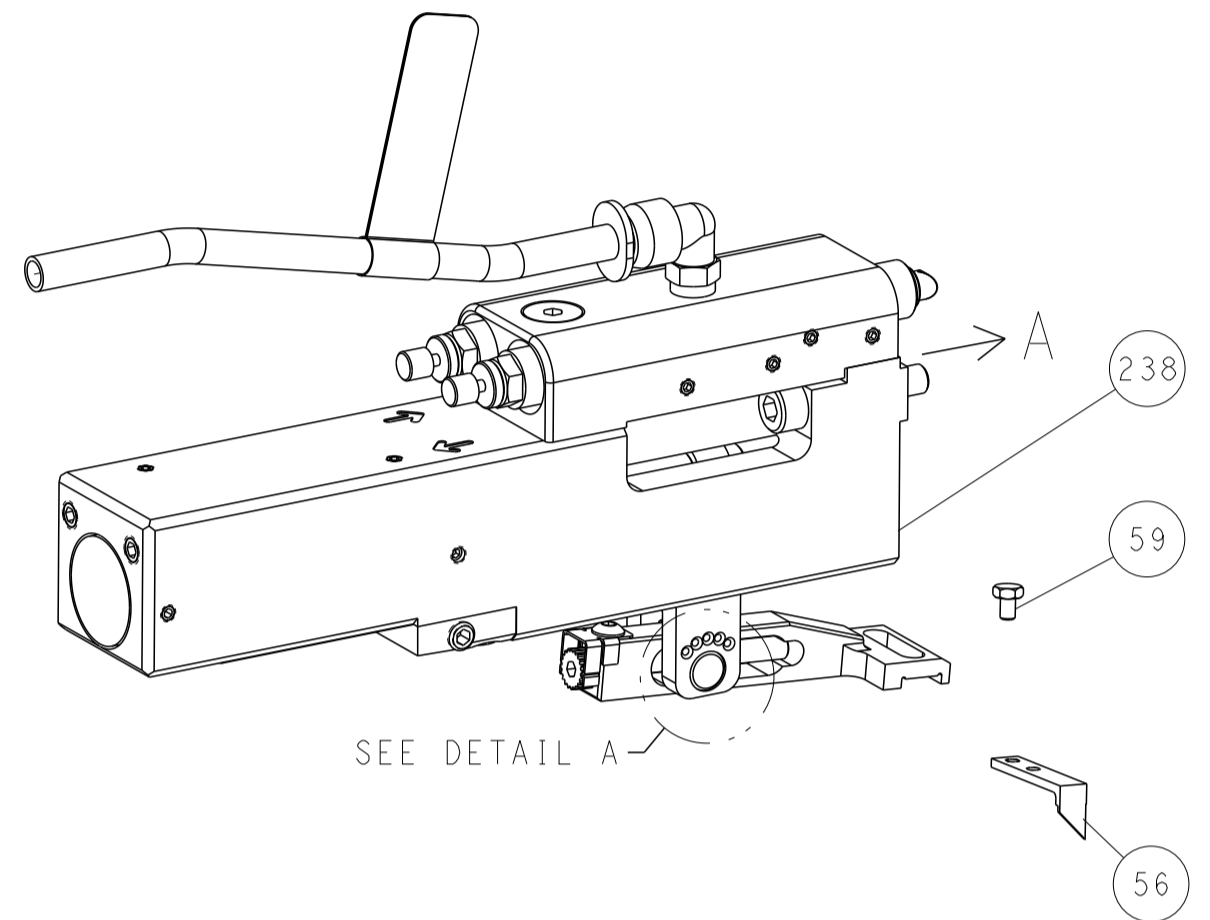
<small>THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCOO ELECTRONICS CORPORATION. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. PERMISSION TO REPRODUCE THIS DRAWING FOR OTHER THAN THE ORIGINAL INTENDED PURPOSES SHALL BE OBTAINED FROM TYCOO ELECTRONICS CORPORATION.</small>		DWN K. HUANG 11JUL2017 CHK K. HUANG 11JUL2017 APVD L. ZHANG 11JUL2017	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 Side Feed Applicator
MATERIAL:		WEIGHT:	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151456 RESTRICTED TO:
Customer Accessible Production Drawing		SCALE: 1:2	SHEET 1 OF 4 REV B

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

# FEED TYPE MECHANICAL



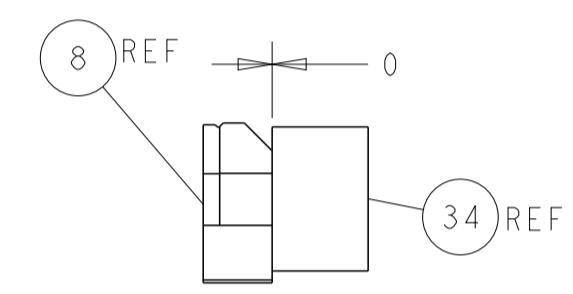
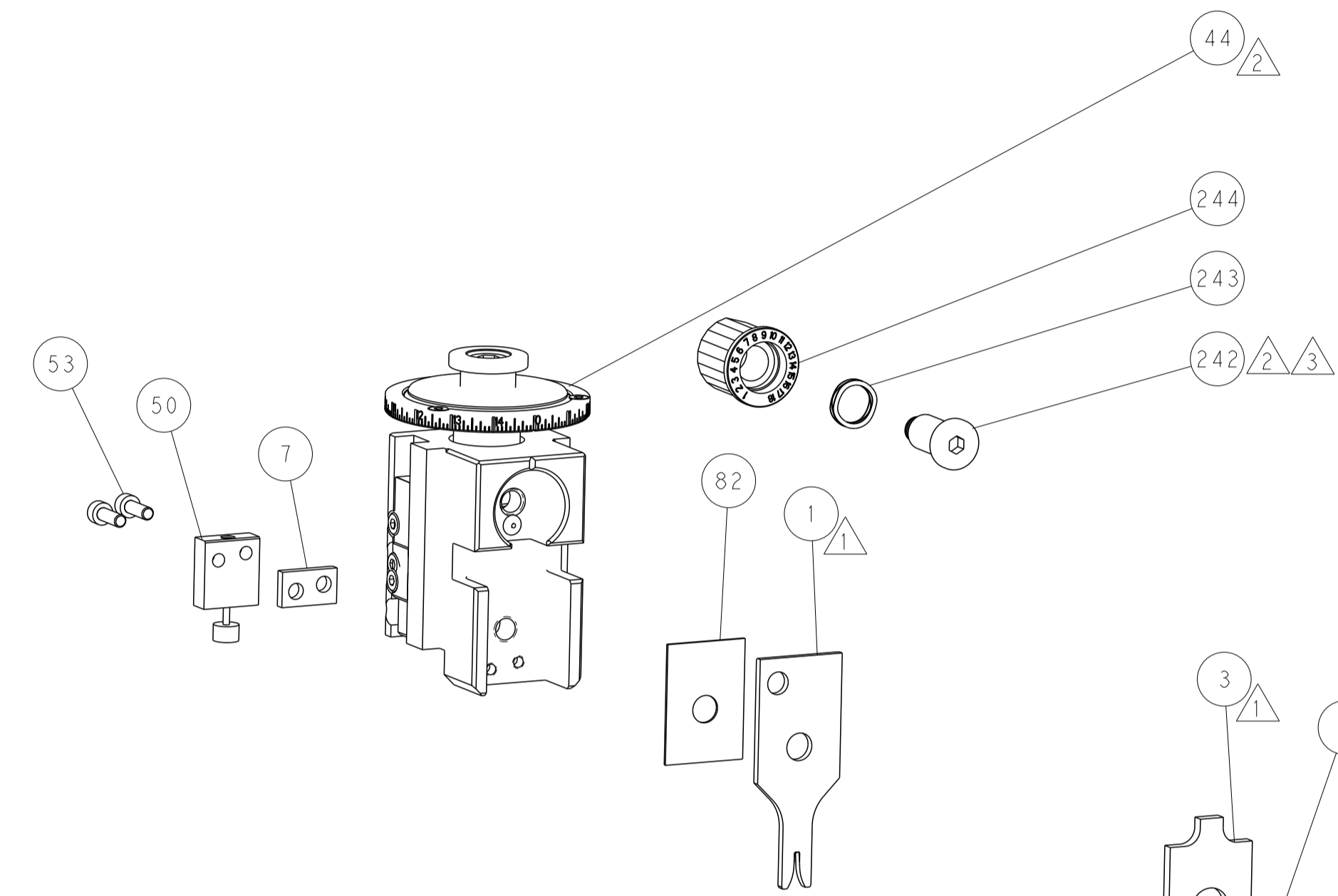
## PNEUMATIC



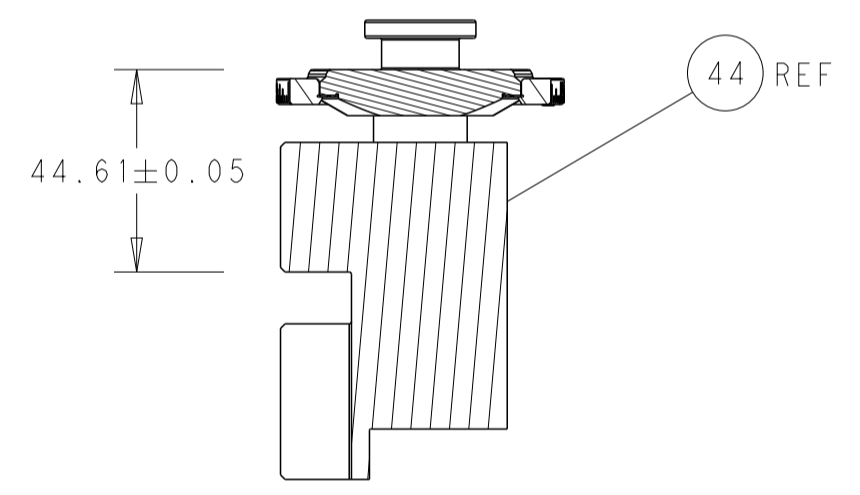
## FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



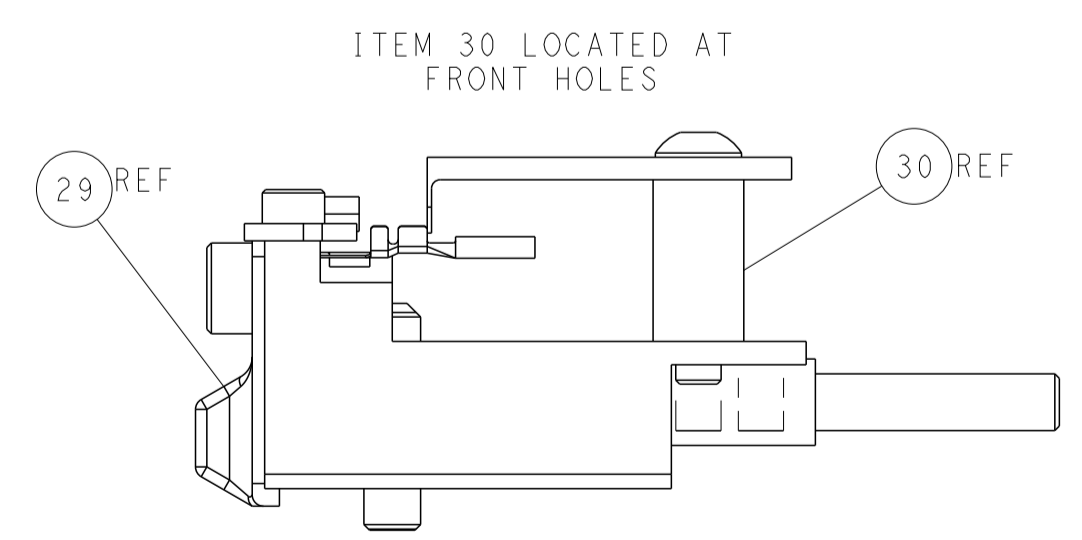
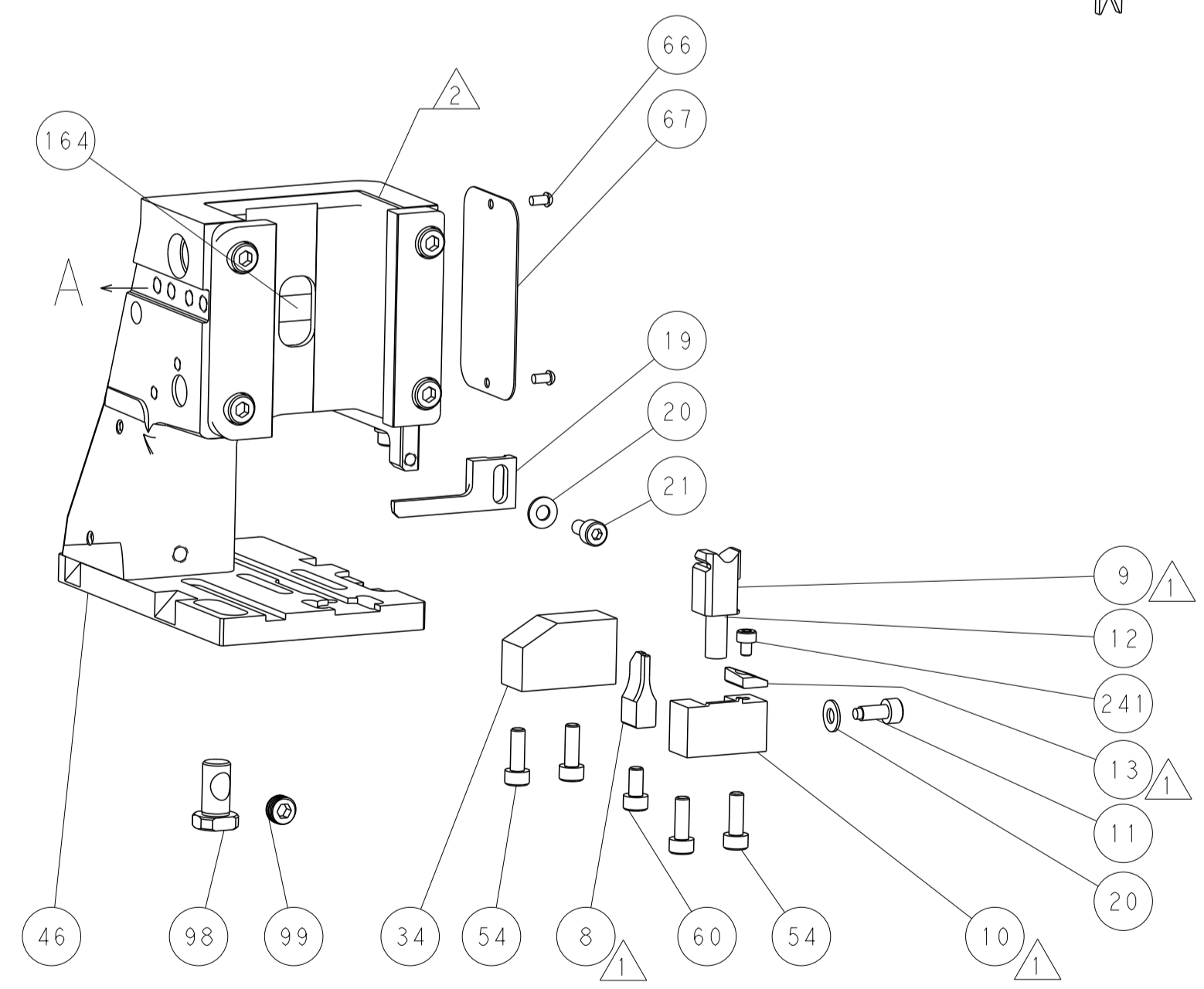
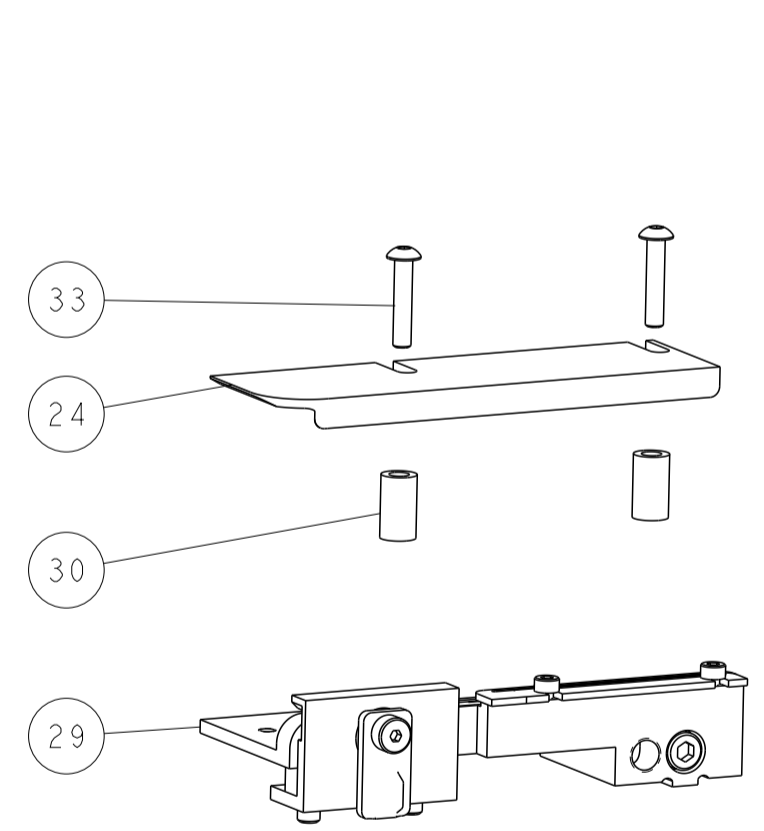
DETAIL A



TERMINAL SUPPORT LOCATION

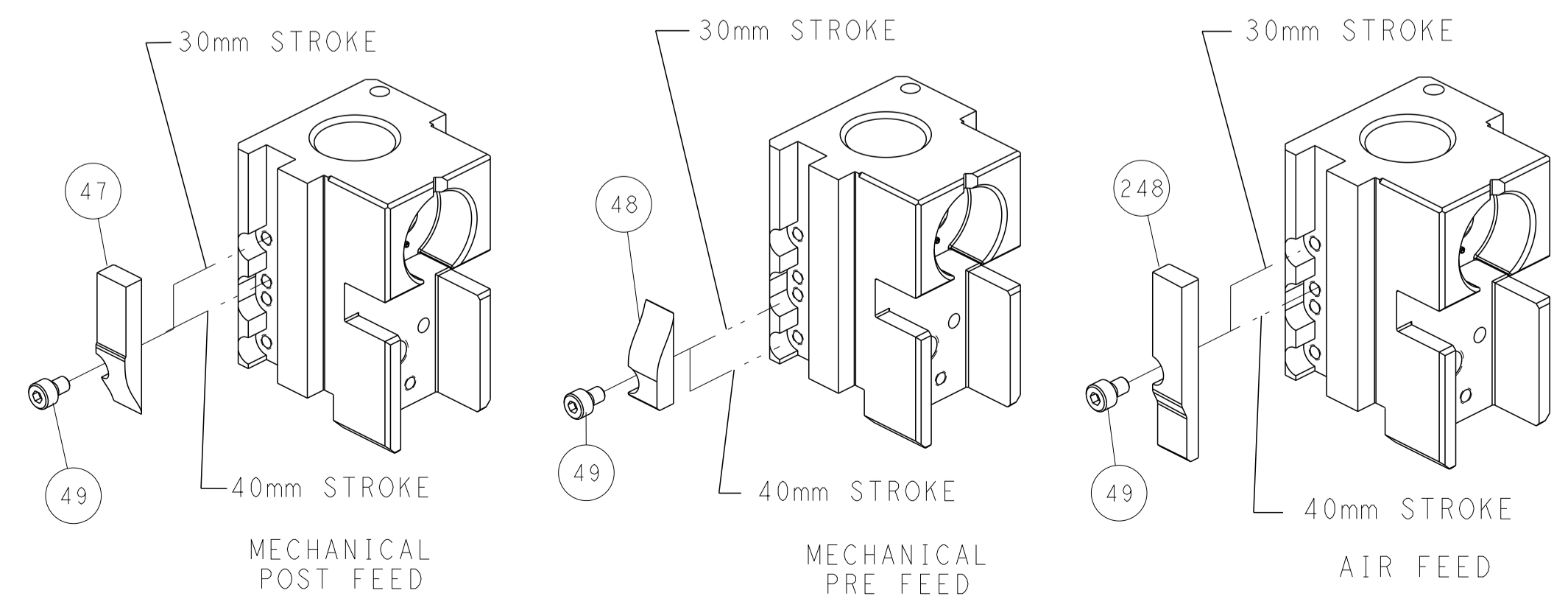


RAM SET-UP



ITEM 30 LOCATED AT FRONT HOLES

## CAM POSITIONS



**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 ±		DWN: R. HUANG 11 JUL 2017 CHK: K. HUANG 11 JUL 2017 APVD: L. ZHANG 11 JUL 2017 PRODUCT SPEC APPLICATION SPEC WEIGHT Customer Accessible Production Drawing		NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: ©=2151456 SCALE: 1:2 SHEET: 2 OF 4 REV: B	
MATERIAL:				RESTRICTED TO:			

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151456-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151456-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151456-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR  
 INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.60 mm [.063]	F
INSUL	1.78 mm [.070]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: BOSCH TERMINAL		BOSCH CRIMP SPECIFICATION	
TERMINAL NAME: BMK 0.6 CONTACT TERMINAL			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
3.50-4.20 mm [1.38-.165 IN]		1.40-1.90 mm [.055-.075 IN]	
TERMINAL APPLICATION SPECIFICATION	Y 928 V03 000-EN Rev 22.08.2005		
TERMINALS APPLIED			
TE TERMINAL	BOSCH TERMINAL	TE TERMINAL	BOSCH TERMINAL
1572293-1	1 928 498 016	1572293-2	1 928 498 014
1572111-1	1 928 498 003	1572111-2	1 928 498 001

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.75mm <sup>2</sup>	1.02 +/- 0.03 [1.040 +/- .001]	5.8
0.50mm <sup>2</sup>	0.95 +/- 0.03 [1.037 +/- .001]	6.6

- 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.
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 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)

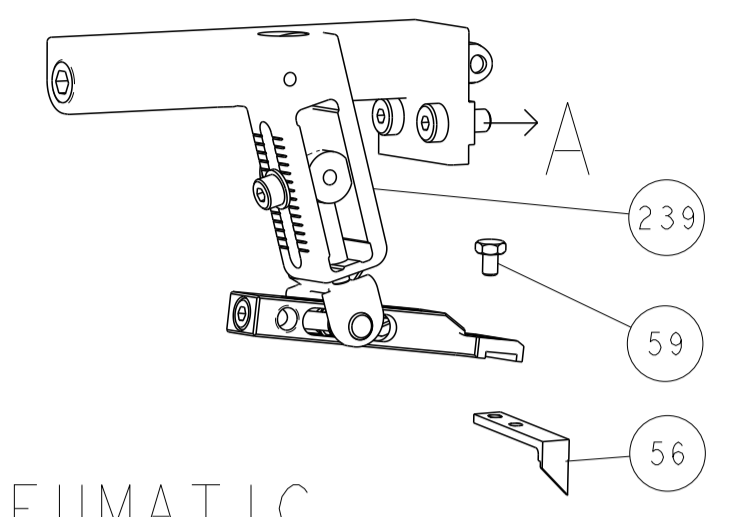
LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	OWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-

-	1	1	2119082-5	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	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
-	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	5-547505-2	SPRING, COMPRESSION	77
-	1	1	854769-7	HOLDER, INS	74
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	53
-	1	1	1803382-1	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	1752356-6	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	1-356885-5	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1803095-6	FLOATING SHEAR, FRONT	9
-	1	1	9-1803252-1	ANVIL, COMBINATION	8
-	1	1	5-240641-2	SPACER	7
-	-	-	-	-	6
-	1	1	2119780-5	DEPRESSOR, SHEAR	5
-	1	1	5-238011-2	BLOCK, CRIMPER SPACER	4
-	1	1	5-1803019-0	CRIMPER, INSULATION O	3
-	-	-	-	-	2
-	1	1	3-1633664-8	CRIMPER, WIRE	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

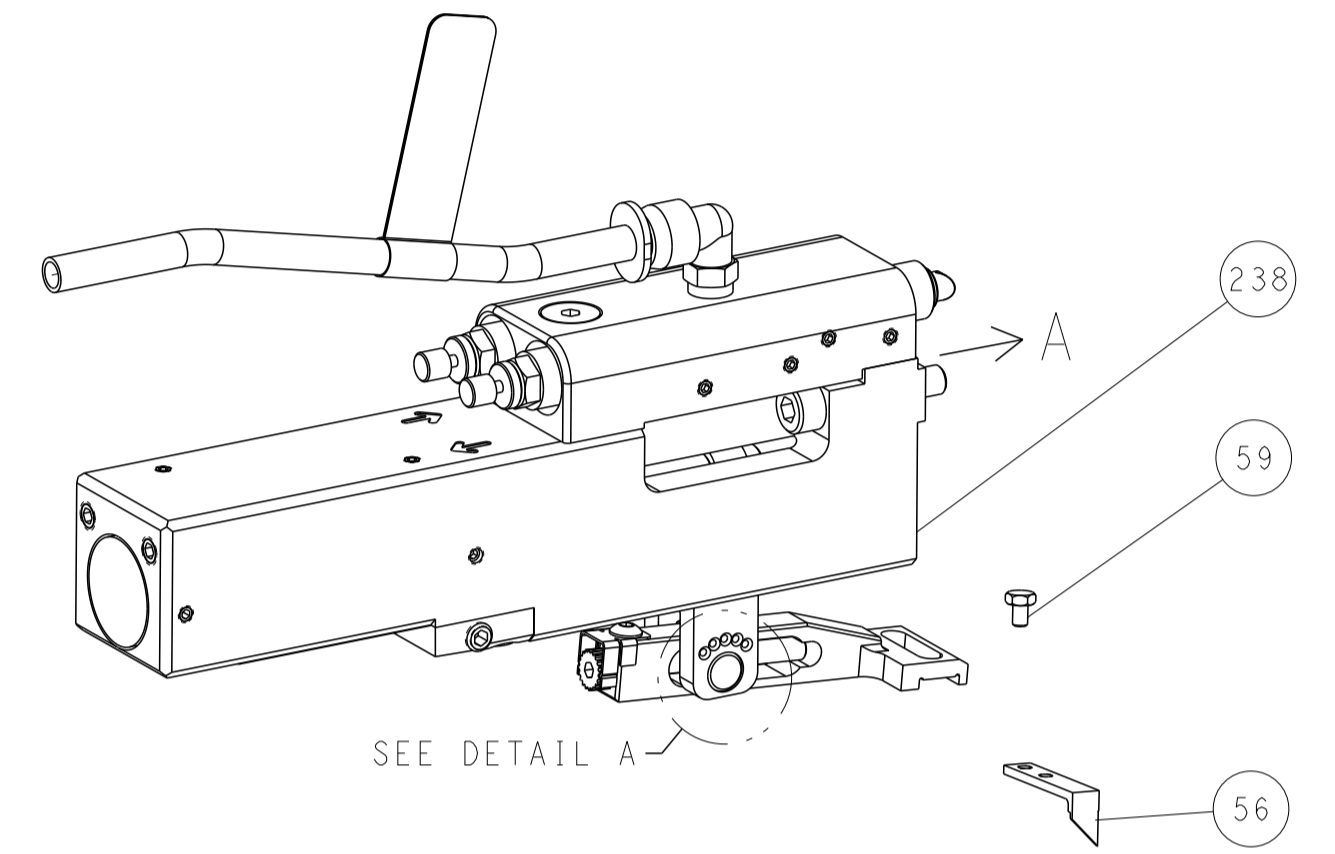
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		1 PLC ±		CHK	11 JUL 2017	
		2 PLC ±		APVD	11 JUL 2017	
		3 PLC ±		PRODUCT SPEC		NAME
		4 PLC ±		APPLICATION SPEC		
		ANGLES		SIZE		RESTRICTED TO
		FINISH		A1 00779 C=2151456		
MATERIAL		WEIGHT		SCALE		REV
				1:2		B

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

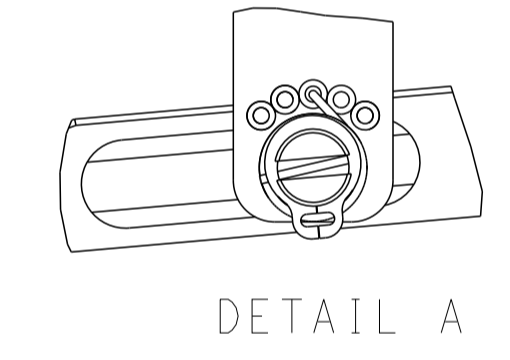
# FEED TYPE MECHANICAL



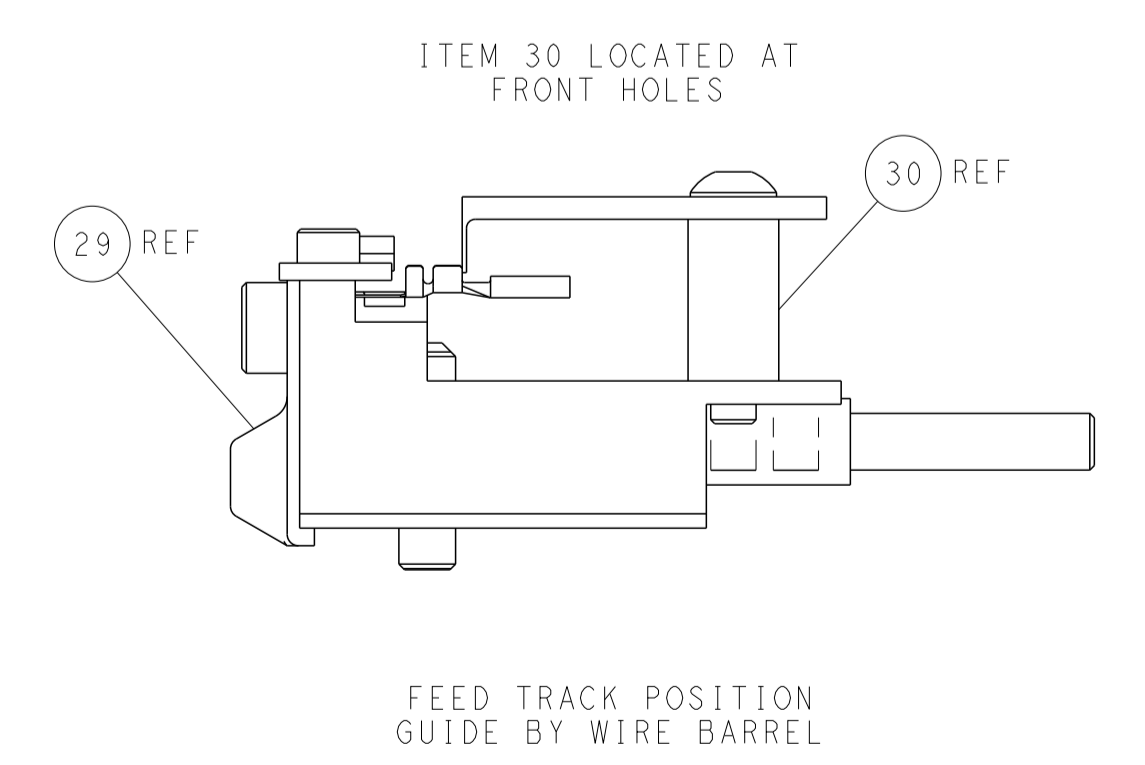
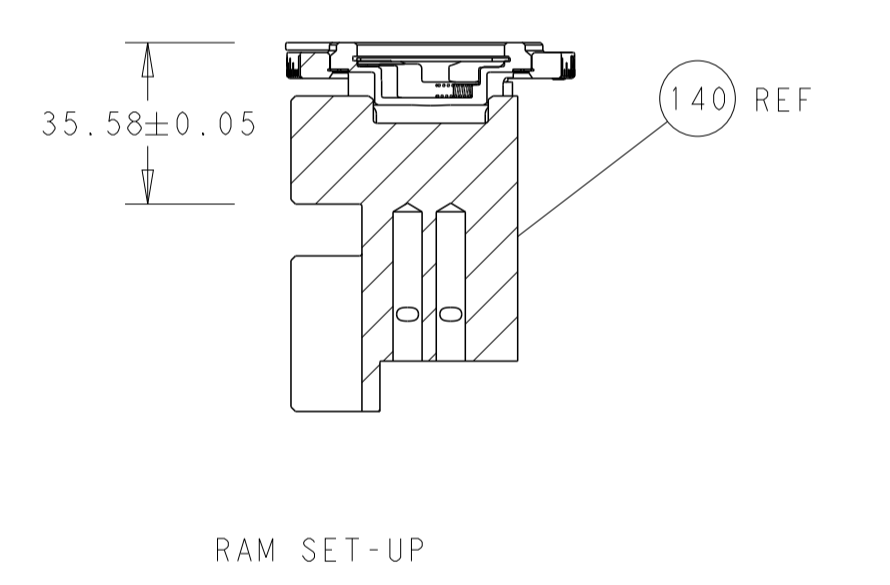
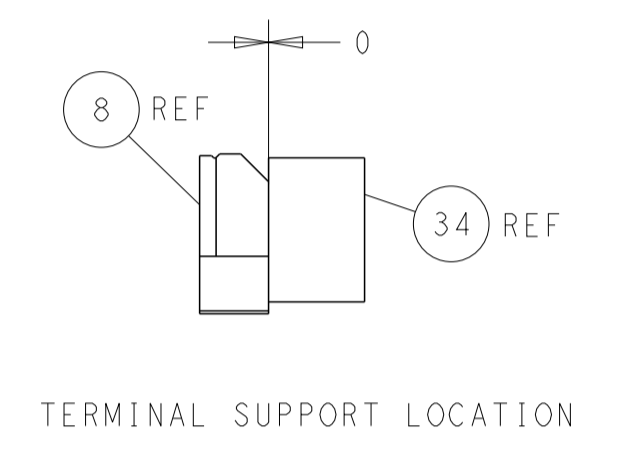
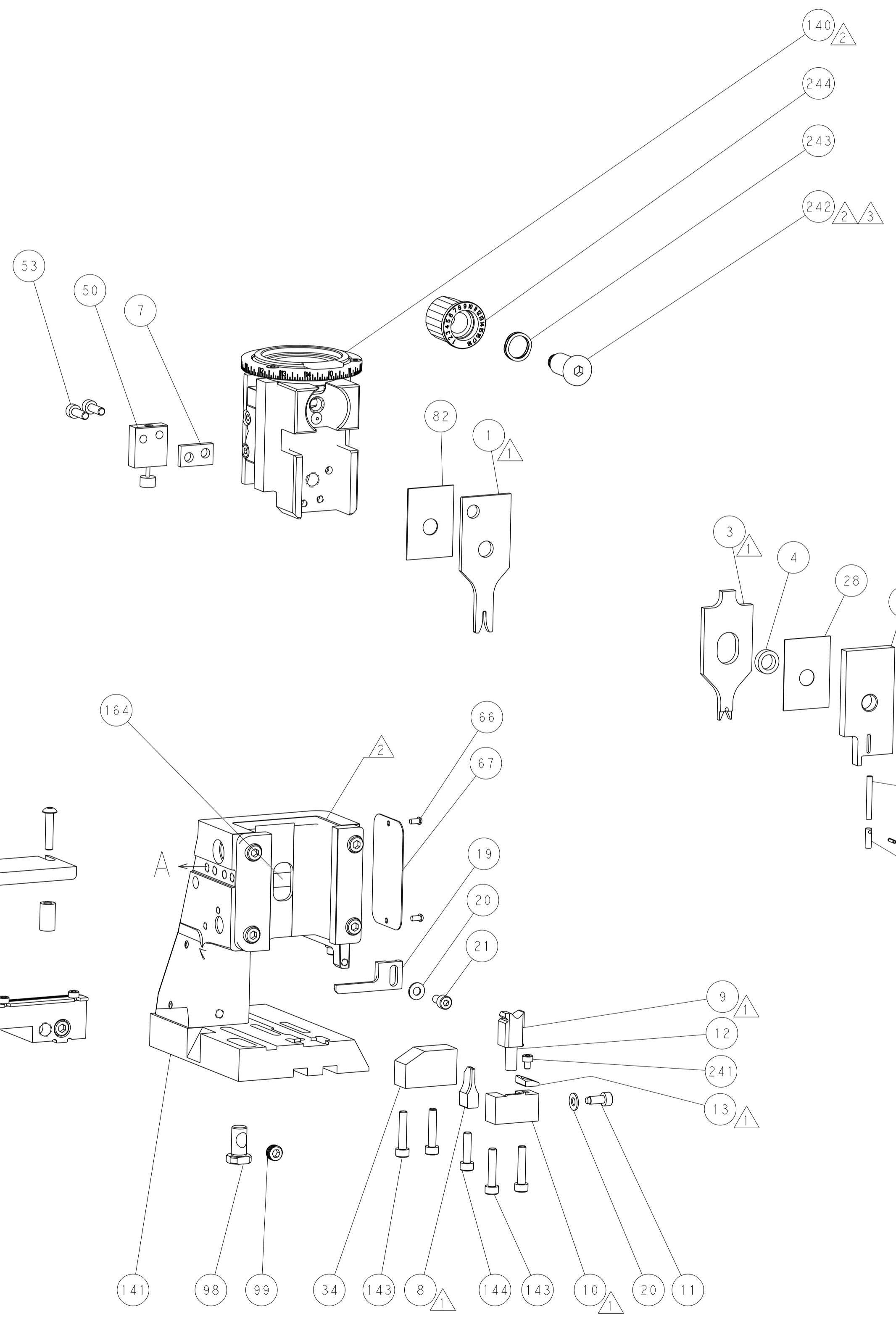
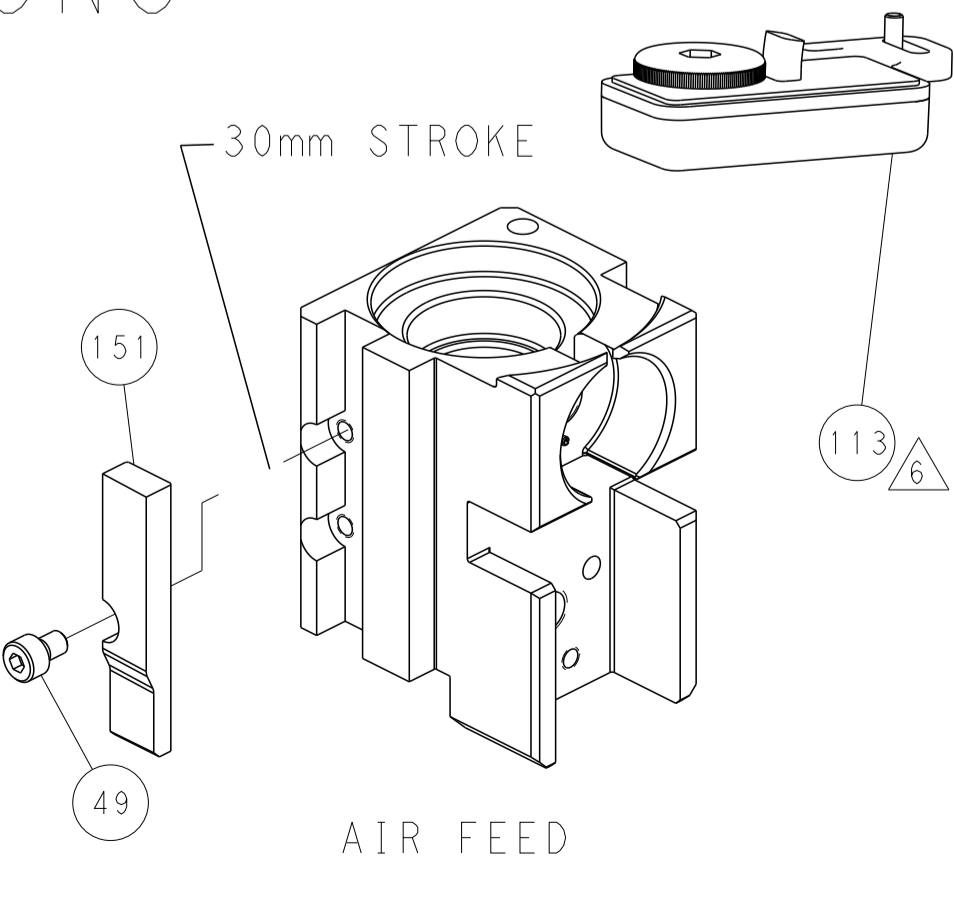
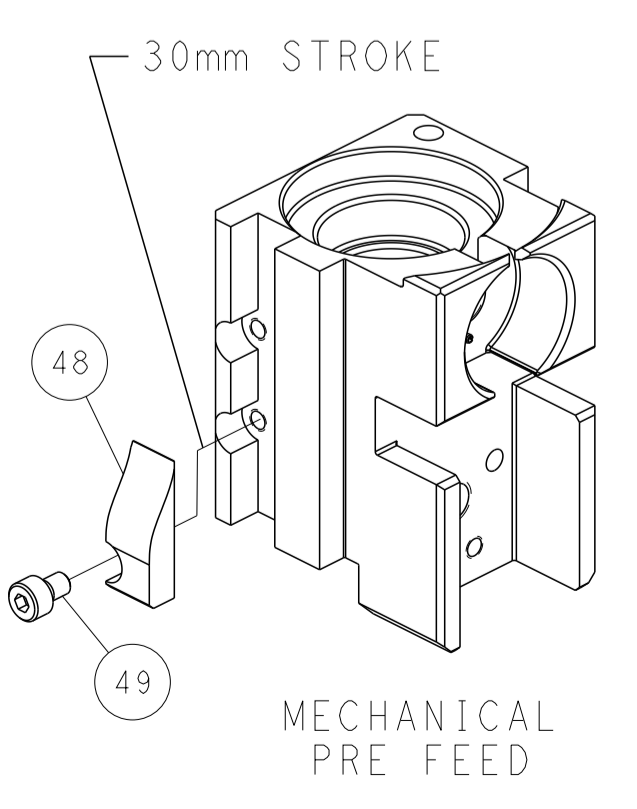
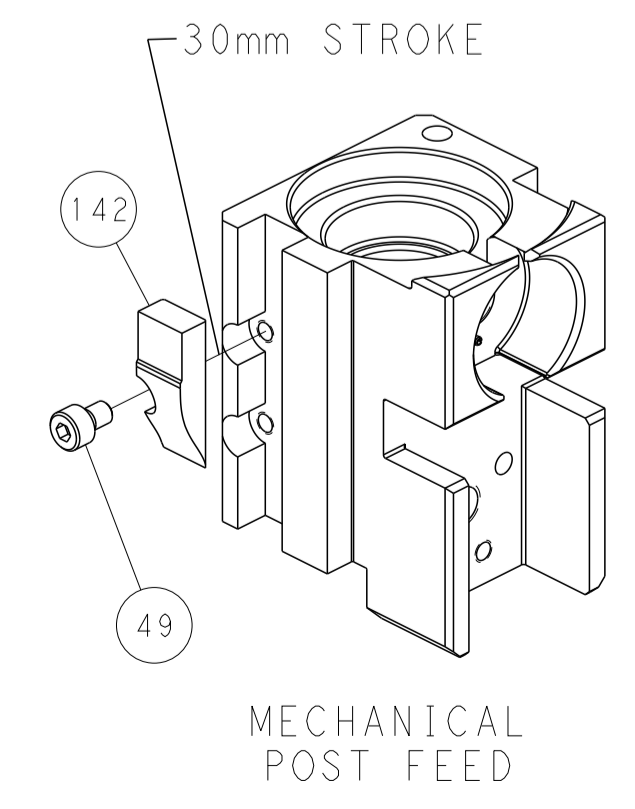
# PNEUMATIC



# FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



# 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 ±		NAME: Ocean Side Feed Applicator APPLICATION SPEC: - PRODUCT SPEC: - SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2151456	RESTRICTED TO: - SCALE: 1:2 SHEET: 4 OF 4 REV: B
MATERIAL: - FINISH: -		WEIGHT: - Customer Accessible Production Drawing	SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2151456-1](#)