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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151593-1	E	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151593-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151593-1	E	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151593-2	E	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151593-7	E	CRIMP TOOLING KIT	-

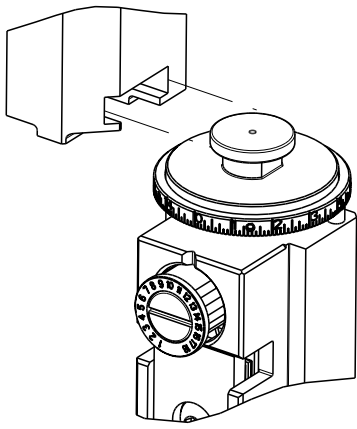
APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	2.29 mm [.090]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 2.8mm BLADE, UNSEALED			
WIRE STRIP LENGTH 4.80-5.60 mm [.189-.220 IN]		INSULATION DIAMETER RANGE Ø1.40-2.06 mm [.055-.081 IN]	
TERMINAL APPLICATION SPECIFICATION		114-13013	
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1326029-6	1326030-6		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG	1.37+/-0.05 [.054+/- .002]	5.1
1.00mm2	1.30+/-0.05 [.051+/- .002]	7.4
0.75mm2	1.22+/-0.05 [.048+/- .002]	7.8
20 AWG	1.21+/-0.05 [.048+/- .002]	8.1
0.50mm2	1.12+/-0.05 [.044+/- .002]	8.6

- 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.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



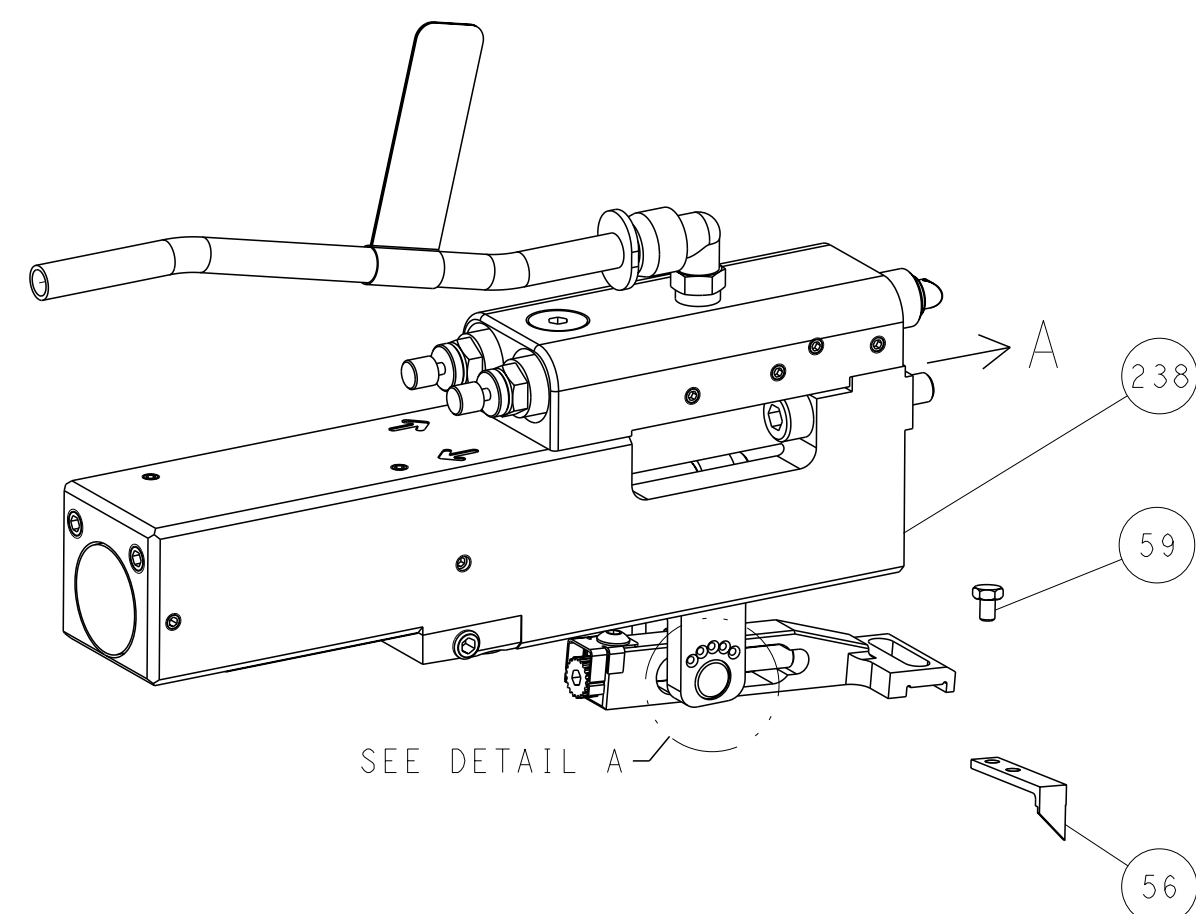
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

LOC	DIST	REVISIONS				
		#	LYR	DESCRIPTION	DATE	DWN
A	66	B		ECR-14-008957	16JUN2014	KH
		C		ECR-18-008120	27MAY2018	TB
		D		ECR-19-011338	18JUL2019	MZ
		E		ECR-20-013859	29SEP2020	JWC

-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-6	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	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
-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	455888-5	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	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	1	1	690753-2	SPACER, TONKER	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	1752356-3	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	2844992-4	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	240792-2	DRAG, TERMINAL	23
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	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	454276-5	FLOATING SHEAR, FRONT	9
1	2	2	1	1	9-1633131-3	ANVIL, COMBINATION .080	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	1	1	1-238011-8	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	3-2119582-7	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	455888-9	SPACER, CRIMPER	2
1	2	2	1	1	1-456405-3	CRIMPER, WIRE PREMIUM	1
-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING ORGANIZATION. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN Y. YIN	03AUG2012	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS:				CHK G. BAILEY	03AUG2012	NAME Ocean Side Feed Applicator	
mm				APVD S. XI	03AUG2012	SIZE 00779	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ±				TOLERANCES UNLESS OTHERWISE SPECIFIED:		CAGE CODE 00779	
MATERIAL				FINISH		DRAWING NO 2151593	
-				-		RESTRICTED TO -	
Customer Accessible Production Drawing				SCALE 1:2		SHEET 1 of 4	
						REV E	

PNEUMATIC



A line drawing of a mechanical component, possibly a valve or a connector. It features a central circular opening with a horizontal slot. Above this opening are four small circular elements arranged in a row. The component is mounted on a base with a rectangular cutout on the left side.

This diagram shows the front panel assembly components. It includes a main front panel (23) with a circular cutout, a mounting bracket (29) with a central slot, two vertical support posts (30), a horizontal support rail (24) with a central slot, and two vertical screws (33) for mounting.

30mm STROKE

40mm STROKE

MECHANICAL POST FEED

30mm STROKE

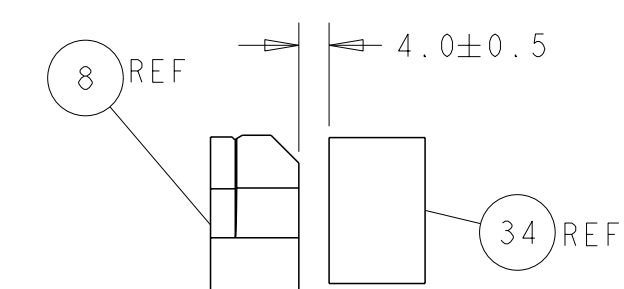
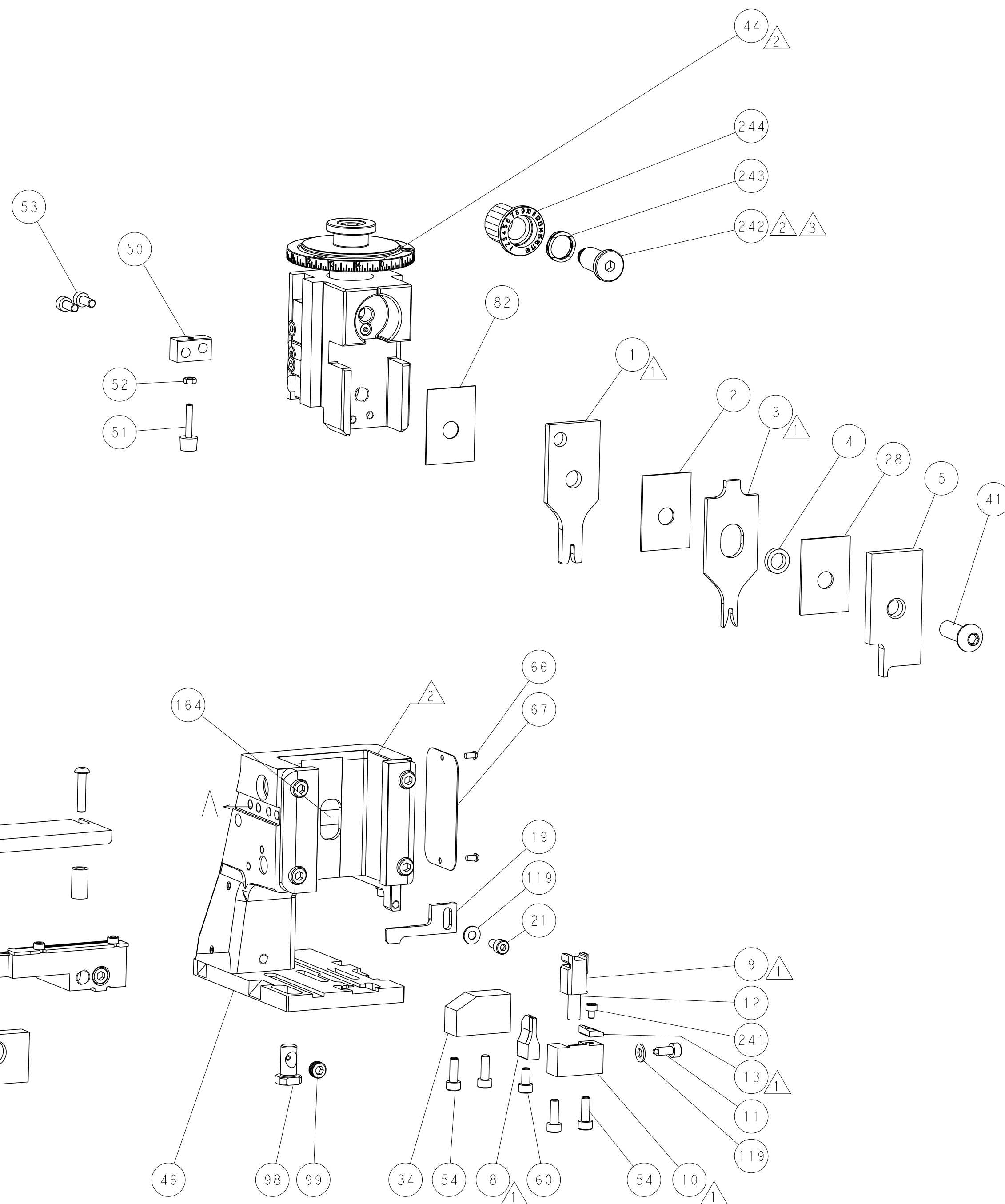
40mm STROKE

MECHANICAL PRE FEED

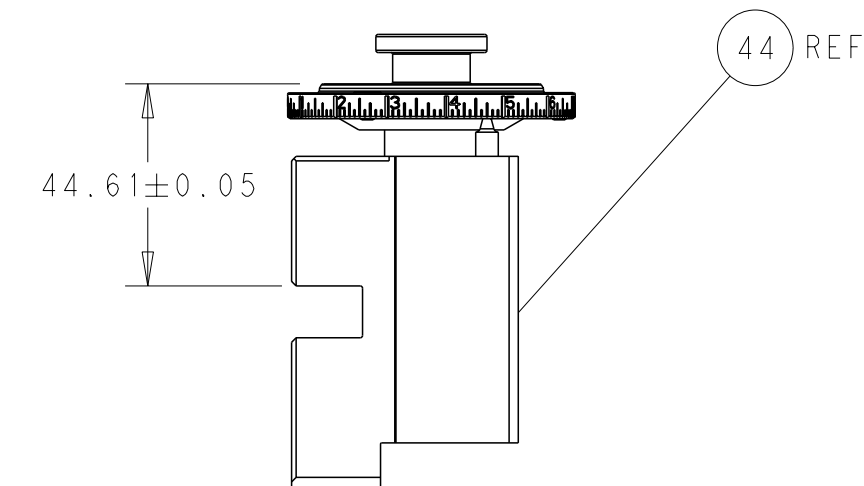
30mm STROKE

40mm STROKE

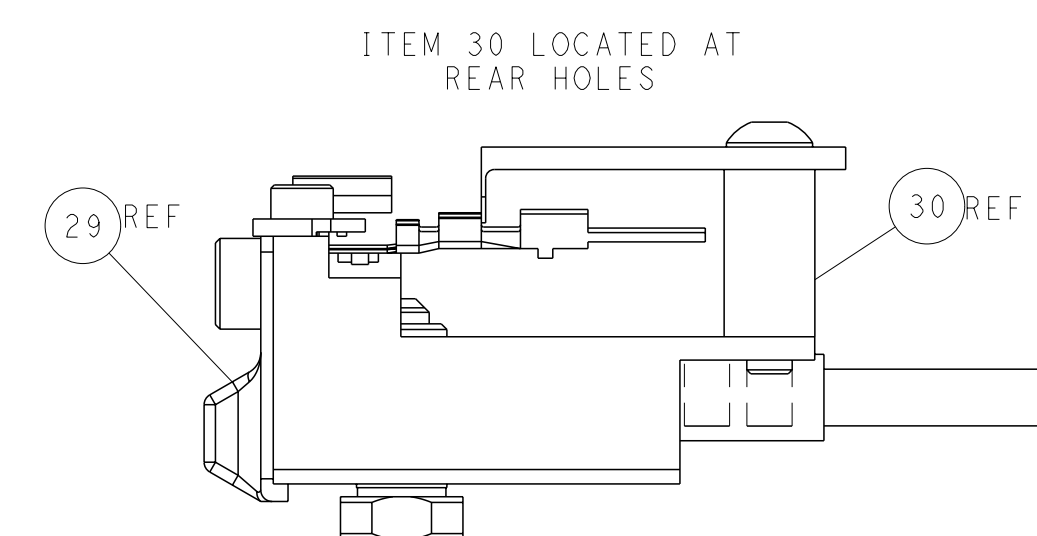
AIR FEED



TERMINAL SUPPORT LOCATION

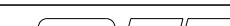
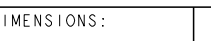


RAM SET-UP



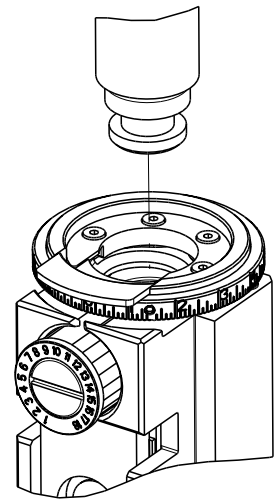
FEED TRACK POSITION
GUIDE BY WIRE BARREL

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

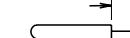
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TSC ELECTRONICS CORPORATION IT IS SUBJECT TO THE TSC ELECTRONICS CORPORATION POLICY AND SHOULD BE CONTROLLED BY THE LATEST REVISION		DWN Y_YIN 03AUG2012 CHK G_BAILEY 03AUG2012 APVD S_XI 03AUG2012		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME Ocean Side Feed Applicator -	
		PRODUCT SPEC APPLICATION SPEC		SIZE CAGE CODE DRAWING NO A1 00779 C-2151593	
MATERIAL -		FINISH -		RESTRICTED TO -	
		WEIGHT -		SCALE 1:2	
		Customer Accessible Production Drawing		SHEET 2 of 4 REV F	

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151593-1	E	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151593-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151593-7	E	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	2.29 mm [.090]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 2.8mm BLADE, UNSEALED			
WIRE STRIP LENGTH 4.80-5.60 mm [.189-.220 IN]			INSULATION DIAMETER RANGE Ø1.40-2.06 mm [.055-.081 IN]
TERMINAL APPLICATION SPECIFICATION	114-13013	-	-
	-	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1326029-6	1326030-6		

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
18 AWG		1.37+/-0.05 [.054+/-0.002]		5.1
1.00mm2		1.30+/-0.05 [.051+/-0.002]		7.4
0.75mm2		1.22+/-0.05 [.048+/-0.002]		7.8
20 AWG		1.21+/-0.05 [.048+/-0.002]		8.1
0.50mm2		1.12+/-0.05 [.044+/-0.002]		8.6



- △ 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.
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)

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

	-	1	1	2119082-6	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	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
	-	2	2	1-18028-2	WASHER, FLAT, REG M4	119
	-	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	2844907-1	POST, LOCKING	98
	-	1	1	455888-5	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	5018030-1	NUT, HEX, REG, RoHS, M3	52
	-	1	1	811242-5	BUMPER, HOLD DOWN	51
	-	1	1	690753-2	SPACER, TONKER	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	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	1	2844992-4	ASSEMBLY, STRIP GUIDE	29
	-	1	1	1-455888-0	SPACER, CRIMPER	28
	-	1	1	1320928-2	STRIP GUIDE	24
	-	1	1	240792-2	DRAG, TERMINAL	23
	-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	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	454276-5	FLOATING SHEAR, FRONT	9
1	1	1	1	9-1633131-3	ANVIL, COMBINATION .080	8
	-	-	-	-	-	7
	-	-	-	-	-	6
	-	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	1-238011-8	BLOCK, CRIMPER SPACER	4
1	1	1	1	3-2119582-7	CRIMPER, INSULATION F PREMIUM	3
	-	1	1	455888-9	SPACER, CRIMPER	2
1	1	1	1	1-456405-3	CRIMPER, WIRE PREMIUM	1

-77	-22	-21	PART NO	DESCRIPTION	ITEM NO
			OWN Y. YIN 03AUG2012	STE TE Connectivity Harrisburg, PA 17105-3608	
			CHK G. BAILEY 03AUG2012	NAME Ocean Side Feed Applicator	
			APVD S. XI 03AUG2012	SIZE CASE CODE DRAWING NO RESTRICTED TO	
			DIMENSIONS: mm	00779 ©=2151593	
			TOLERANCES UNLESS OTHERWISE SPECIFIED:	Customer Accessible Production Drawing	
			0 PLC ±	SCALE 1:2	
			1 PLC ±	SHEET 3 OF 4	
			2 PLC ±	REV E	
			3 PLC ±		
			4 PLC ±		
			ANGLES FINISH		
			MATERIAL		

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

D

C

B

A

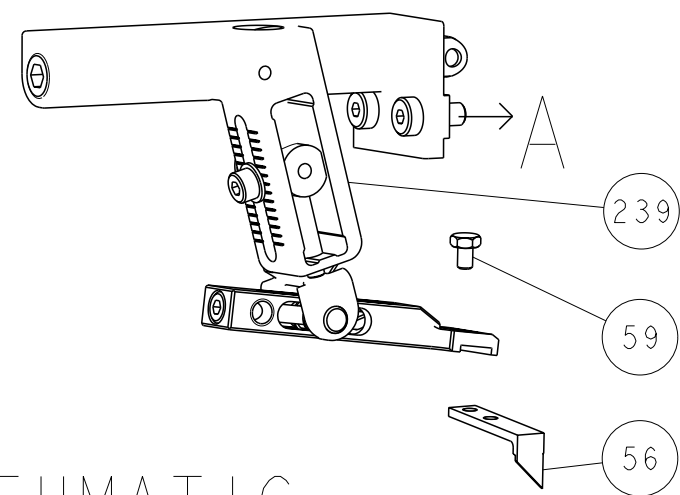
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C

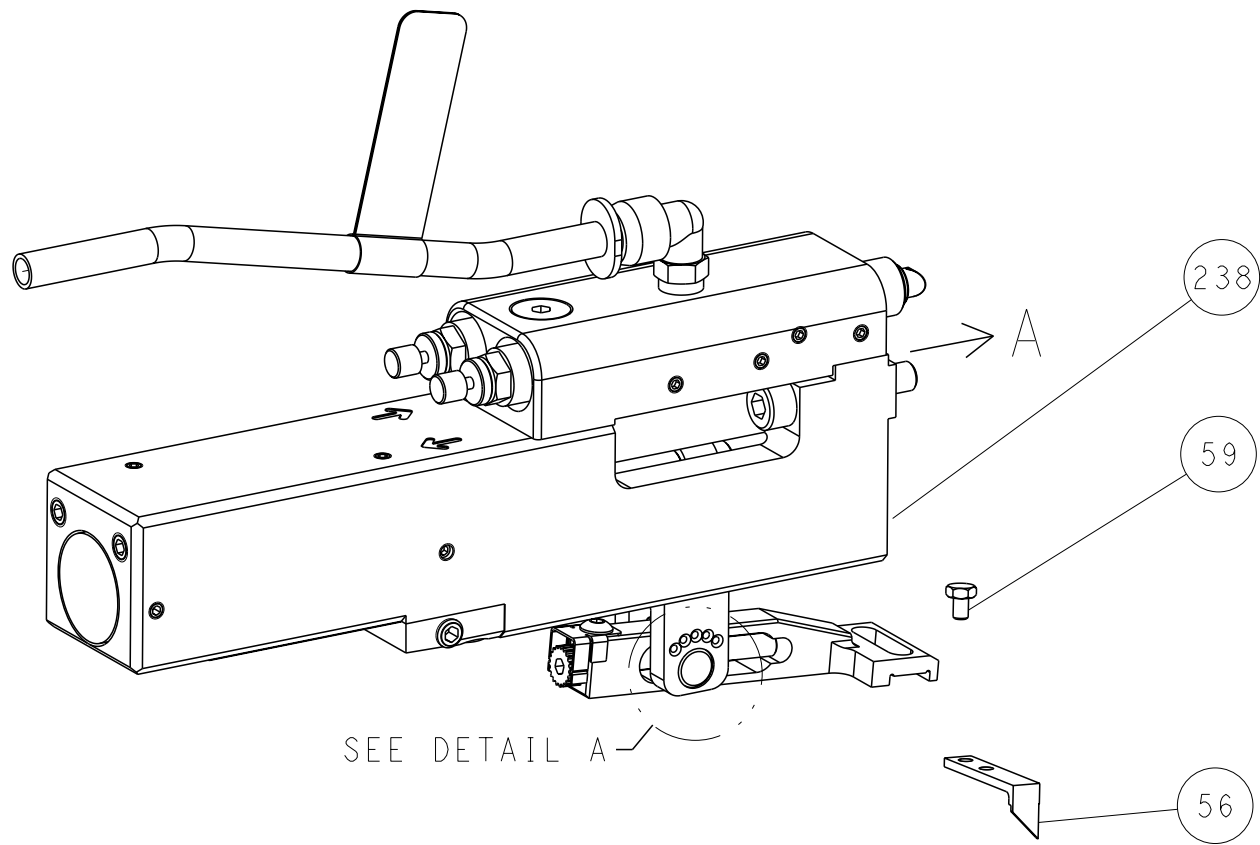
B

A

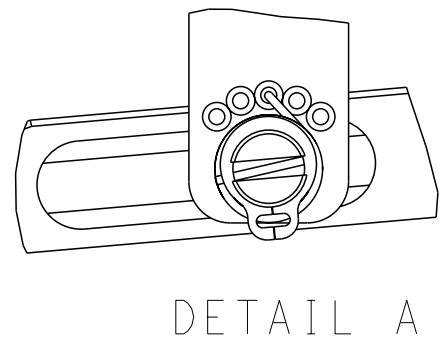
FEED TYPE MECHANICAL



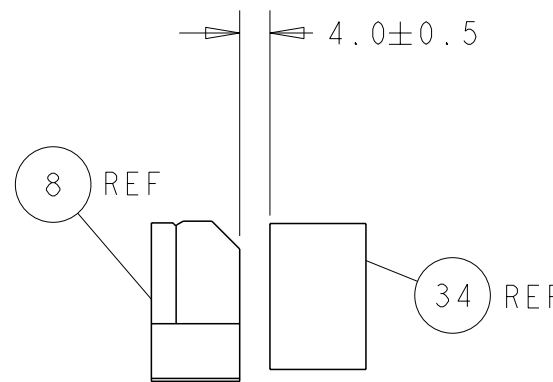
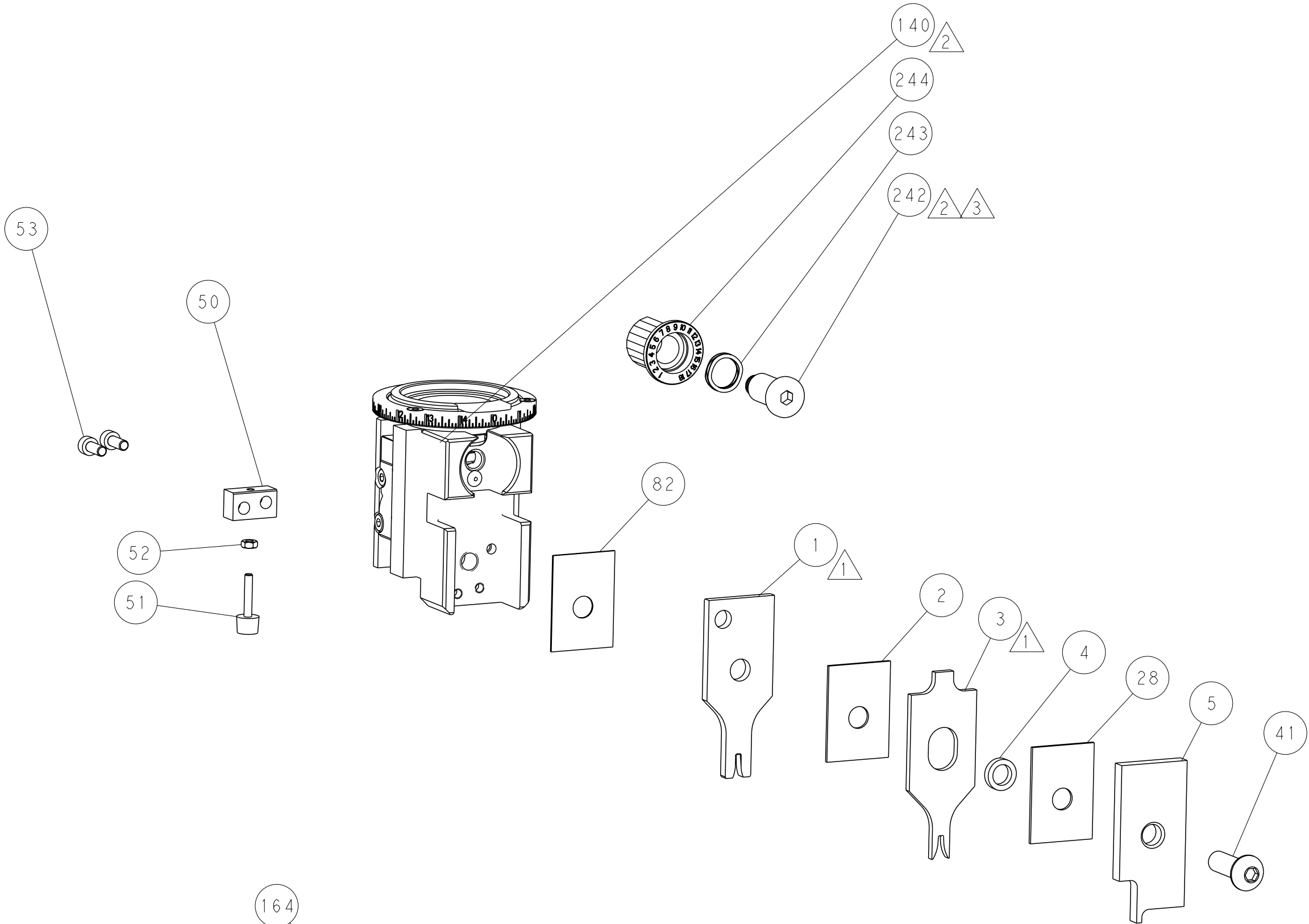
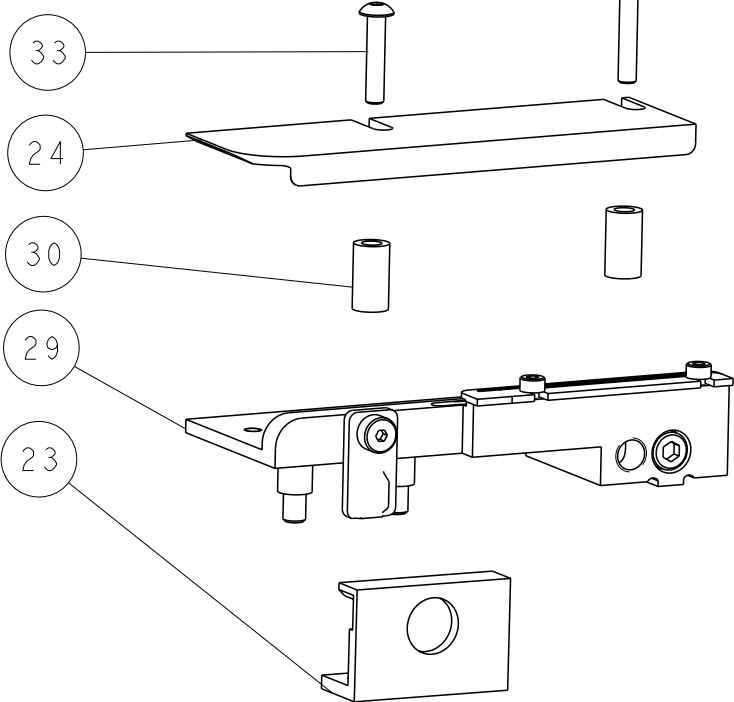
PNEUMATIC



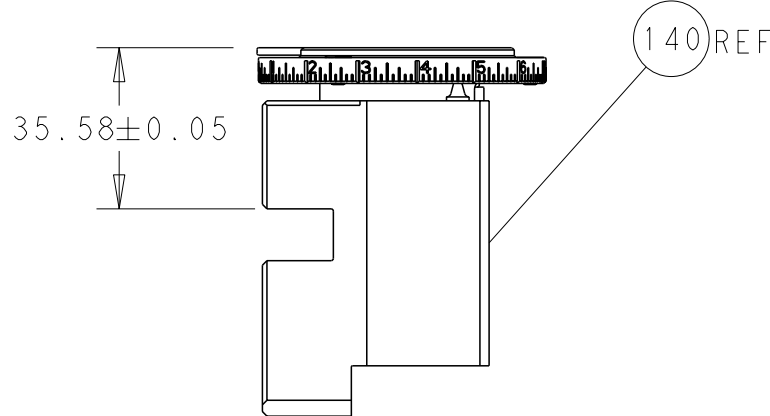
FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)



DETAIL A

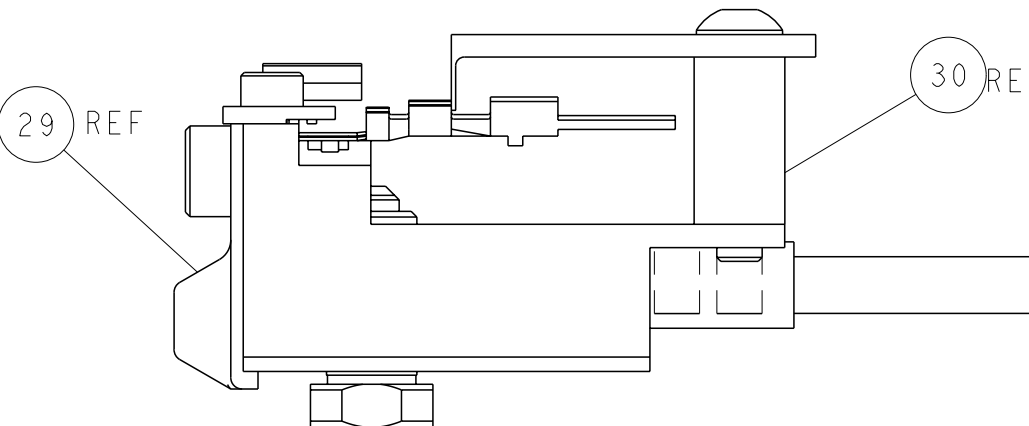


TERMINAL SUPPORT LOCATION



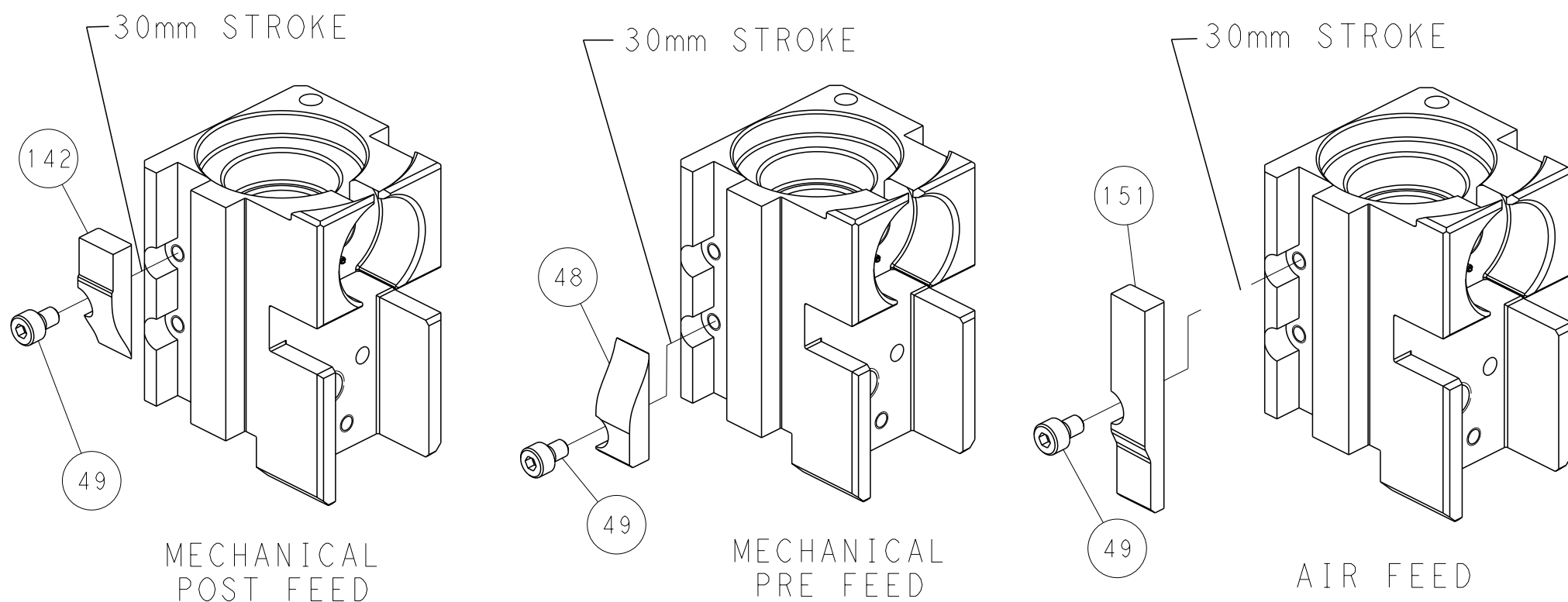
RAM SET-UP

ITEM 30 LOCATED AT
REAR HOLES



FEED TRACK POSITION
GUIDE BY WIRE BARREL

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)

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				CHK G. BAILEY	03AUG2012			
				APVD S. XI	03AUG2012	NAME Ocean Side Feed Applicator		
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
				0 PLC ±		APPLICATION SPEC		
				1 PLC ±		SIZE		
				2 PLC ±		CAGE CODE		
				3 PLC ±		DRAWING NO		
				4 PLC ±		RESTRICTED TO		
				ANGLES ±		A1 00779 ©=2151593		
MATERIAL				FINISH		Customer Accessible Production Drawing		
						SCALE 1:2 SHEET 4 OF 4 REV E		

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2151593-1](#)