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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2836108-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2836108-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2836108-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2836108-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2836108-7	B	CRIMP TOOLING KIT	-

APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	1.07 mm [.042]	F
INSUL	1.83 mm [.072]	OV

APPLICATOR INSTRUCTIONS
408-35042

TERMINAL DATA: MOLEX TERMINAL

MOLEX CRIMP SPECIFICATION

TERMINAL NAME: TERMINAL - BOX/CRIMP 22-24AWG

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
2.63-3.39 mm [.103-.133 IN]	Ø1.22-1.63 mm [.048-.064 IN]

TERMINAL APPLICATION SPECIFICATION

MOLEX Rev -

-

-

TERMINALS APPLIED

TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
2113920-1	SD-70058-0022	2819545-1	SD-70058-0022

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
22 AWG	0.89+/-0.05 [.035+/- .002]	7.2
24 AWG	0.82+/-0.05 [.032+/- .002]	8.0

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

REVISIONS

#	LYR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	28JUL2017	EAO	SHA
	B	ECR-19-001421	28JAN2019	RK	GB
	C	ECR-20-005002	03APR2020	F.J	GB

3

-	1	1	1	1	5-18024-8	SCR, BTN SKT HD CAP (M4 X 5.0)	283	
-	1	1	1	1	2280441-1	INSERT, SHEAR	282	
-	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	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	
-	1	1	1	1	356885-4	STOP, SHEAR	237	
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164	
-	1	1	1	1	1-22281-8	SPRING, COMPRESSION	121	
-	1	1	1	1	2844908-1	SCREW, LOCKING	99	
-	1	1	1	1	2844907-1	POST, LOCKING	98	
-	1	1	1	1	690438-1	FRONT STRIP GUIDE	96	
-	4	4	4	4	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95	
-	1	1	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93	
-	1	1	1	1	455888-5	SPACER, CRIMPER	82	
-	1	1	1	1	240641-2	SPACER	81	
-	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71	
-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	70	
-	1	1	1	1	2119943-1	WASHER, SPACER	69	
-	1	1	1	1	2119740-1	TAG, IDENTIFICATION	67	
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66	
-	2	2	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61	
-	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	1338683-1	FEED PAWL	56	
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54	
-	2	2	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53	
-	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	2305692-1	PLATE, REAR STRIP GUIDE	29	
-	1	1	1	1	455888-3	SPACER, CRIMPER	28	
-	2	2	2	2	22283-1	SPRING, COMPRESSION	27	
-	1	1	1	1	356835-1	LEVER, DRAG RELEASE	26	
-	1	1	1	1	240792-1	DRAG, TERMINAL	25	
-	1	1	1	1	189124-7	GUIDE, FRONT STRIP	24	
-	1	1	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23	
-	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	690518-1	HOLD DOWN, TERMINAL	18	
-	1	1	1	1	690463-1	FLOATING SHEAR, REAR	17	
-	2	2	2	2	1-2168083-1	SCR, SKT HD CAP, RoHS, M3 X 6	16	
-	1	1	1	1	690464-1	SHEAR PLATE, REAR	15	
-	1	1	1	1	1803217-1	SHEAR HOLDER, REAR	14	
-	1	1	1	1	2119806-1	INSERT, SHEAR	13	
-	2	2	2	2	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	462006-6	FLOATING SHEAR, FRONT	9	
-	1	2	2	1	1	3-1803058-1	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7	
-	1	1	1	1	690468-1	DEPRESSOR SHEAR, REAR	6	
-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5	
-	1	1	1	1	238011-8	BLOCK, CRIMPER SPACER	4	
-	1	2	2	1	1	2119784-2	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-3	SPACER, CRIMPER	2	
-	1	2	2	1	1	3-456401-0	CRIMPER, WIRE .042 F PREMIUM	1
-	77	72	71	-2	-1	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

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±

±

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±

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

0

1

2

3

4

ANGLES

FINISH

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MATERIAL

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DWN

EVERALDO.O

28JUL2016

CHK

DIEGO.O

28JUL2016

APVD

S ALVES

28JUL2016

PRODUCT SPEC

-

APPLICATION SPEC

-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

-

WEIGHT

-

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

REV

C

NAME

Ocean Side Feed Applicator

-

00779

2836108

ATLANTIC VERSION

Shown on sheets 1 of 4 & 2 of 4

(Pacific version shown on sheets 3 of 4 & 4 of 4)

4805 (3/13)

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TE Connectivity

TE

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

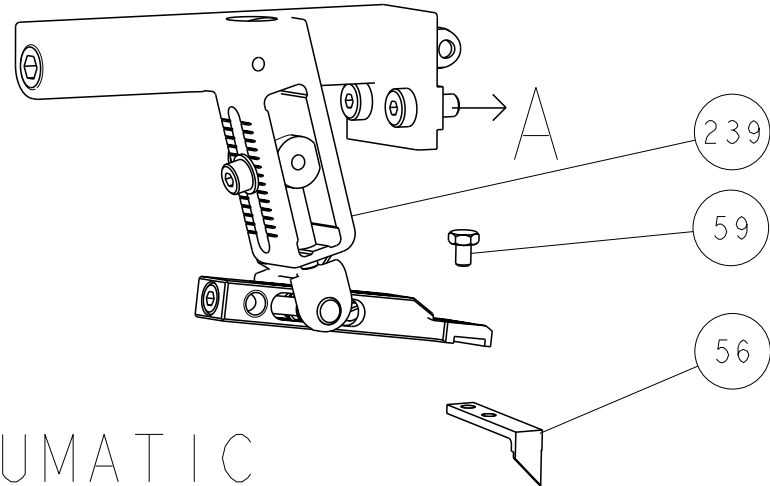
REV

C

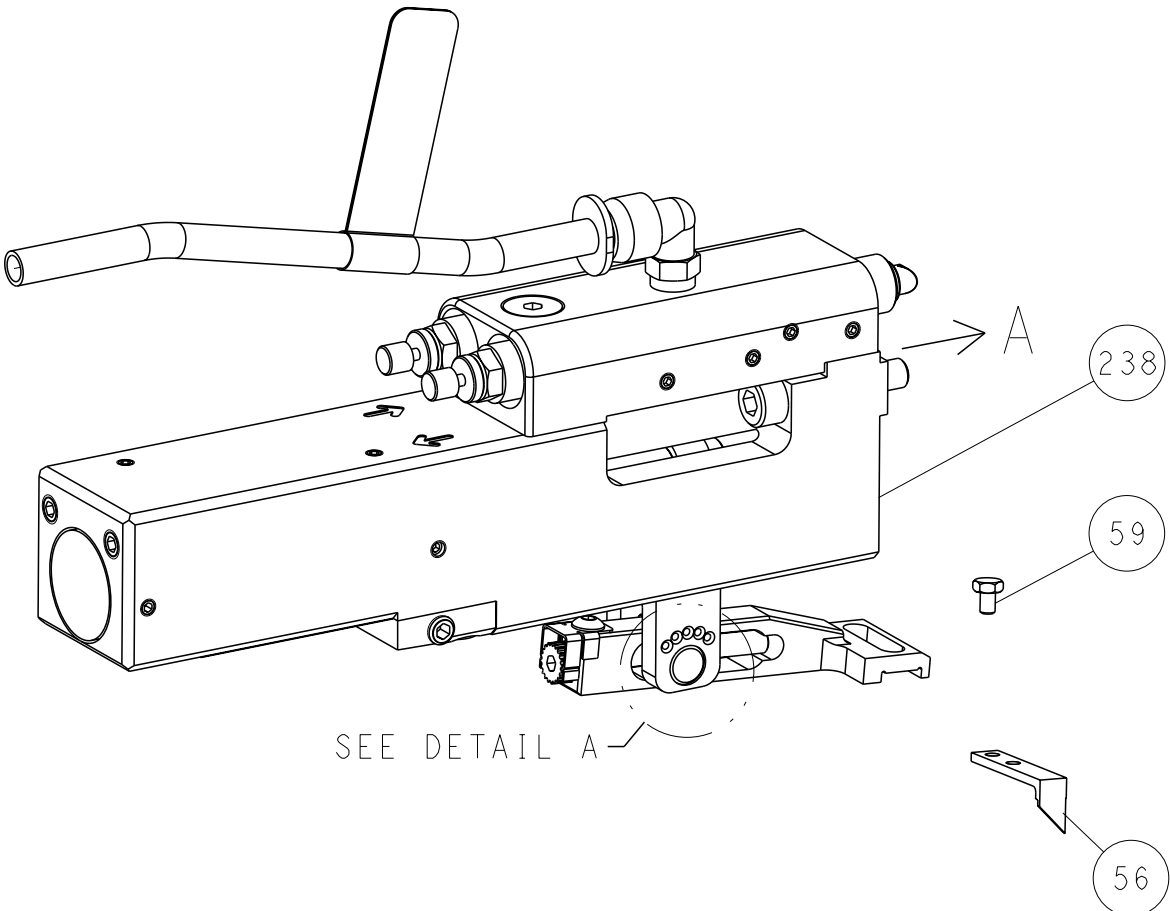
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

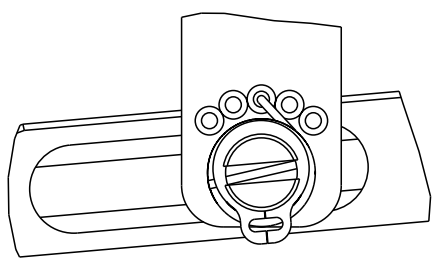
FEED TYPE
MECHANICAL



PNEUMATIC

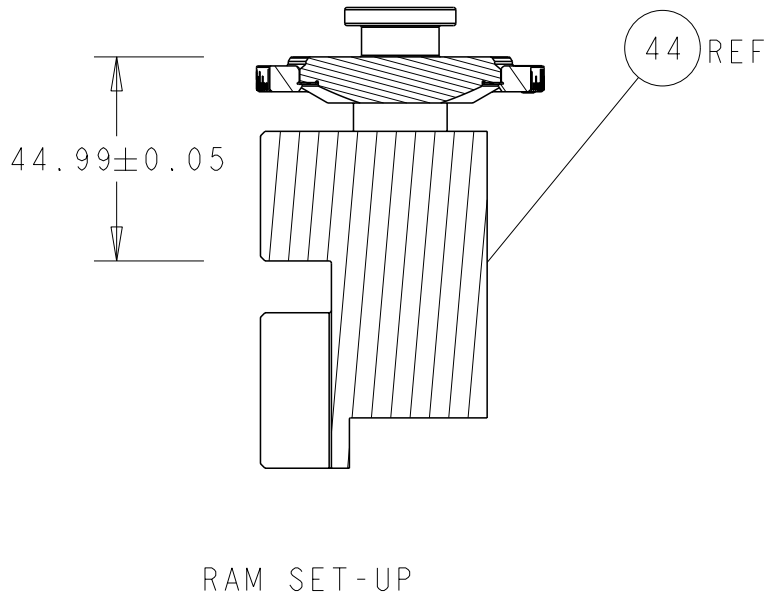
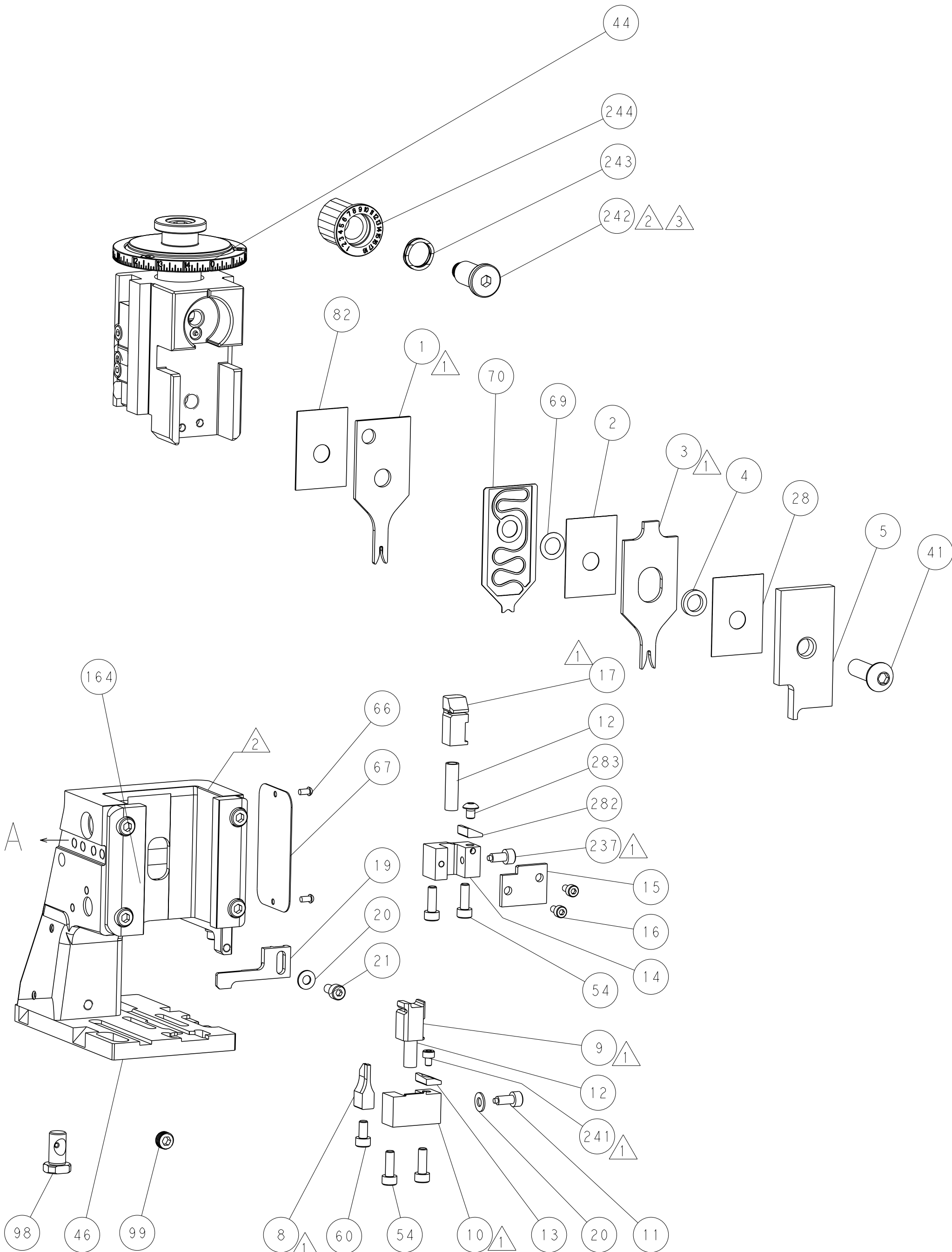
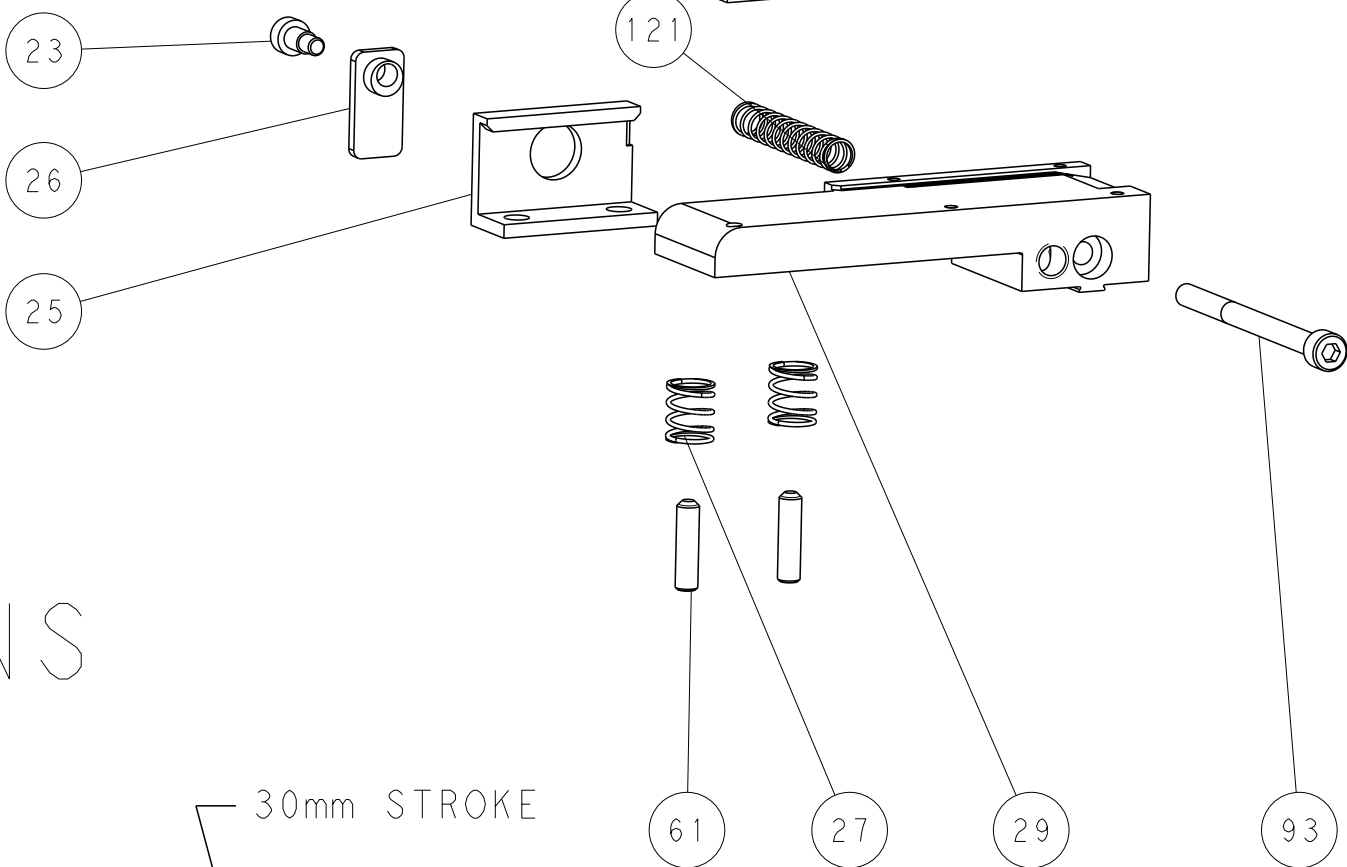
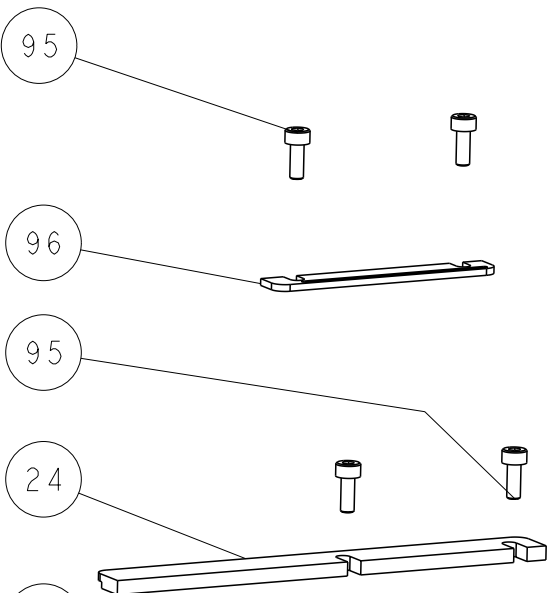
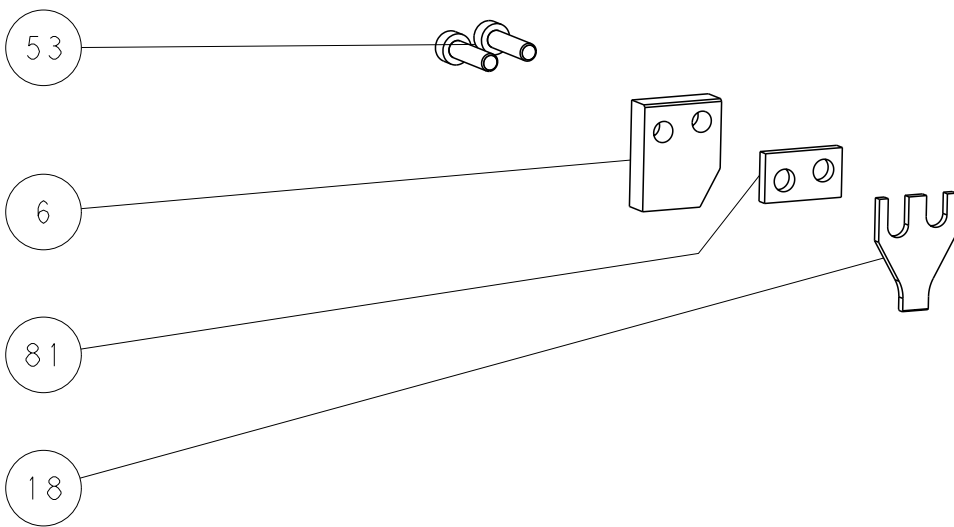
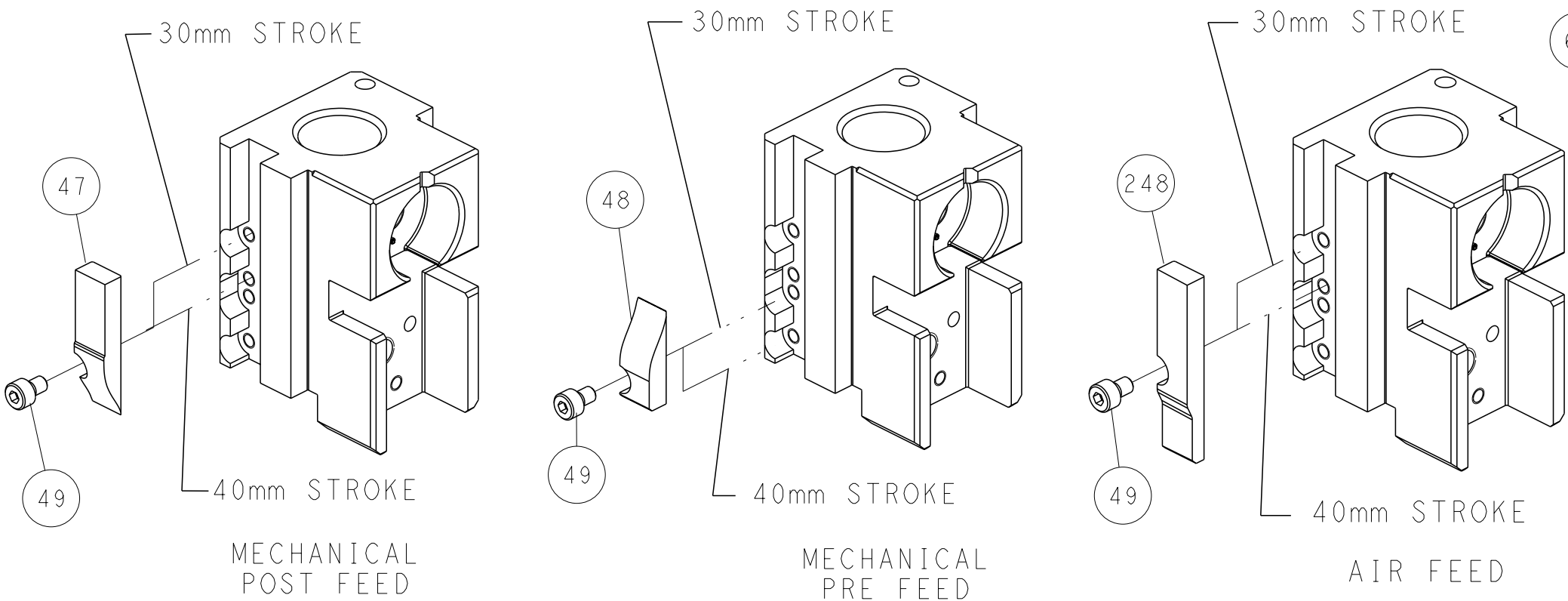


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)



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)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN EVERALDO.O 28JUL2016		
DIMENSIONS: mm		CHK DIEGO.O 28JUL2016		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APVD S. ALVES 28JUL2016	NAME Ocean Side Feed Applicator	
MATERIAL -		PRODUCT SPEC -	SIZE A100779C=2836108	
FINISH -		APPLICATION SPEC -	RESTRICTED TO -	
Customer Accessible Production Drawing		WEIGHT -	SCALE 1:2	SHEET 2 of 4
		REV C		

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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2836108-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2836108-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2836108-7	B	CRIMP TOOLING KIT	-

APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	1.07 mm [.042]	F
INSUL	1.83 mm [.072]	OV

APPLICATOR INSTRUCTIONS
408-35042

TERMINAL DATA: MOLEX TERMINAL

MOLEX CRIMP SPECIFICATION

TERMINAL NAME: TERMINAL - BOX/CRIMP 22-24AWG

WIRE STRIP LENGTH

2.63-3.39 mm [.103-.133 IN]

INSULATION DIAMETER RANGE

Ø1.22-1.63 mm [.048-.064 IN]

TERMINAL APPLICATION SPECIFICATION

MOLEX Rev -

-

-

TERMINALS APPLIED

TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
2113920-1	SD-70058-0022	2819545-1	SD-70058-0022

WIRE SIZE

22 AWG

24 AWG

CRIMP HEIGHT

mm [INCH]

0.89+/-0.05 [.035+/-0.002]

0.82+/-0.05 [.032+/-0.002]

CRIMP HEIGHT REFERENCE SETTING

7.2

8.0

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.

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER

PACIFIC VERSION

Shown on sheets 3 of 4 & 4 of 4

(Atlantic version shown on sheets 1 of 4 & 2 of 4)

REVISIONS

P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

-	1	1	5-18024-8	SCR, BTN SKT HD CAP (M4 X 5.0)	283
-	1	1	2280441-1	INSERT, SHEAR	282
-	1	1	2119082-9	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
-	1	1	356885-4	STOP, SHEAR	237
-	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	1-22281-8	SPRING, COMPRESSION	121
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	690438-1	FRONT STRIP GUIDE	96
-	4	4	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93
-	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	240641-2	SPACER	81
-	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	2119791-5	DEPRESSOR, WIRE	70
-	1	1	2119943-1	WASHER, SPACER	69
-	1	1	2119740-1	TAG IDENTIFICATION	67
-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1338683-1	FEED PAWL	56
-	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53
-	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	2305692-1	PLATE, REAR STRIP GUIDE	29
-	1	1	455888-3	SPACER, CRIMPER	28
-	2	2	22283-1	SPRING, COMPRESSION	27
-	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	240792-1	DRAG, TERMINAL	25
-	1	1	189124-7	GUIDE, FRONT STRIP	24
-	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
-	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	690518-1	HOLD DOWN, TERMINAL	18
-	1	1	690463-1	FLOATING SHEAR, REAR	17
-	2	2	1-2168083-1	SCR, SKT HD CAP, RoHS, M3 X 6	16
-	1	1	690464-1	SHEAR PLATE, REAR	15
-	1	1	1803217-1	SHEAR HOLDER, REAR	14
-	1	1	2119806-1	INSERT, SHEAR	13
-	2	2	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	462006-6	FLOATING SHEAR, FRONT	9
1	1	1	3-1803058-1	ANVIL, COMBINATION	8
-	-	-	-	-	7
-	1	1	690468-1	DEPRESSOR SHEAR, REAR	6
-	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	238011-8	BLOCK, CRIMPER SPACER	4
1	1	1	2119784-2	CRIMPER, INSULATION O PREMIUM	3
-	1	1	455888-3	SPACER, CRIMPER	2
1	1	1	3-456401-0	CRIMPER, WIRE .042 F PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

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ANGLES FINISH ±

MATERIAL

-

-

DWN

LEVERALDO.O

28JUL2016

CHK

DIEGO.O

28JUL2016

APVD

S ALVES

28JUL2016

PRODUCT SPEC

-

APPLICATION SPEC

-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

Customer Accessible Production Drawing

SCALE

1:2

SHEET

3

OF

4

REV

C

NAME

Ocean Side Feed Applicator

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

Customer Accessible Production Drawing

SCALE

1:2

SHEET

3

OF

4

REV

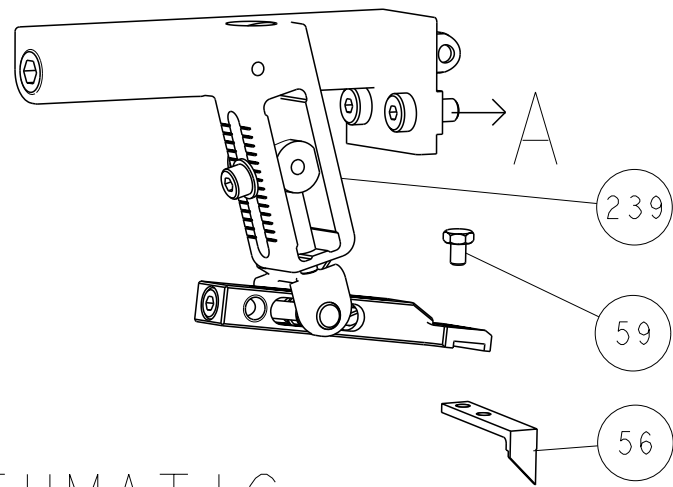
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4805 (3/13)

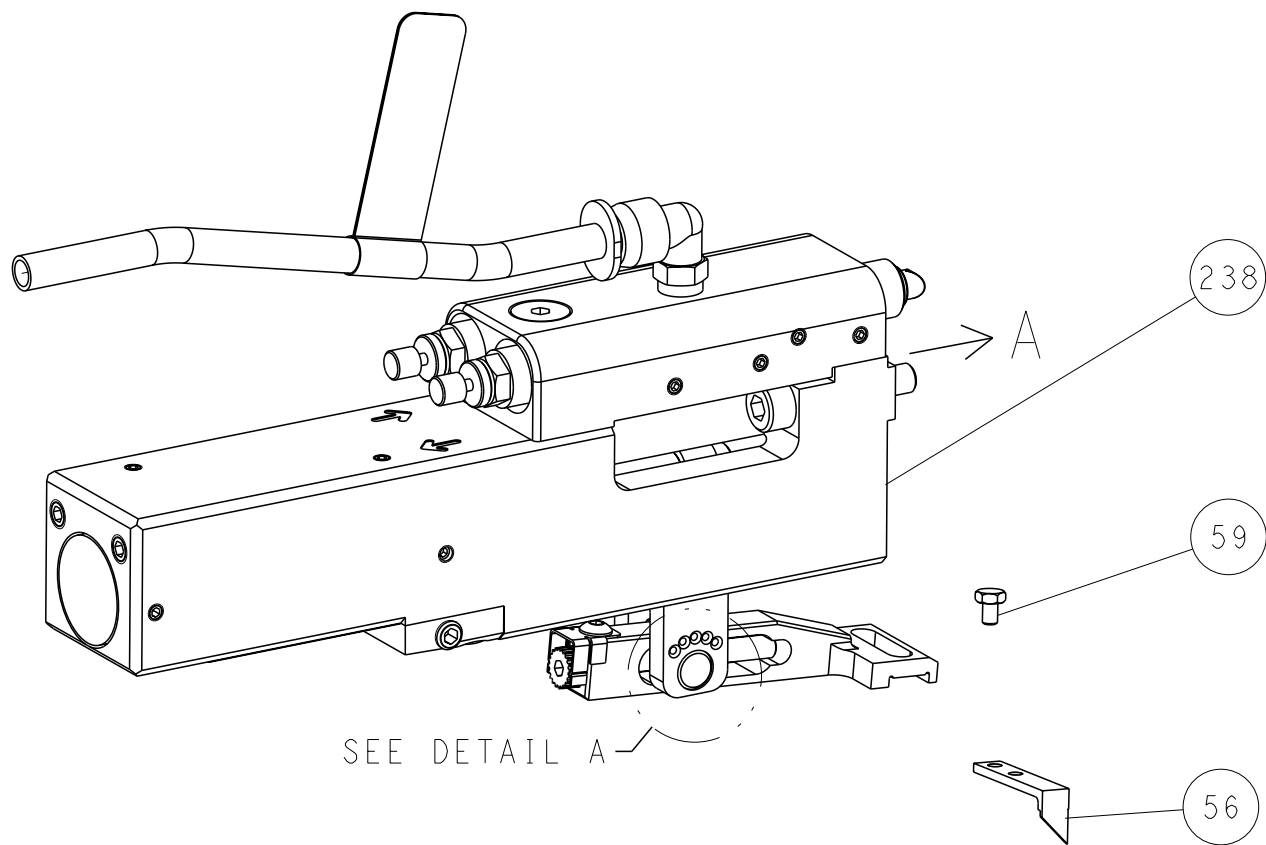
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

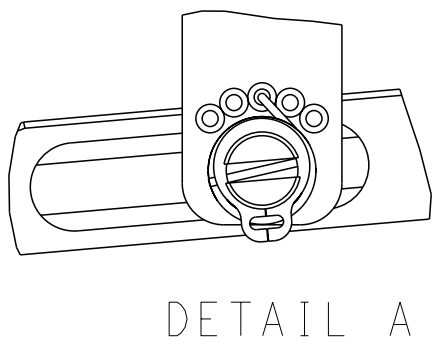
FEED TYPE
MECHANICAL



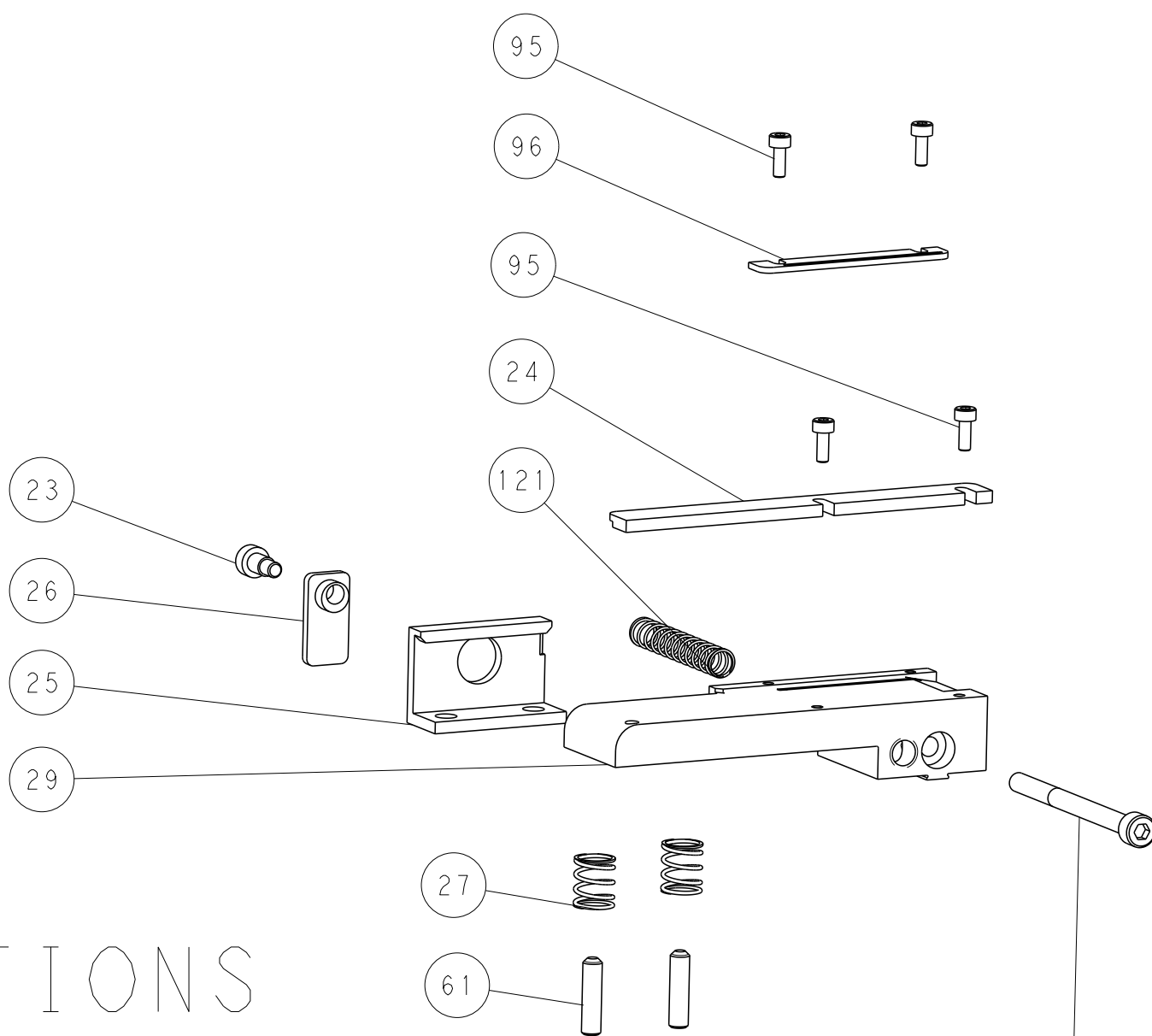
PNEUMATIC



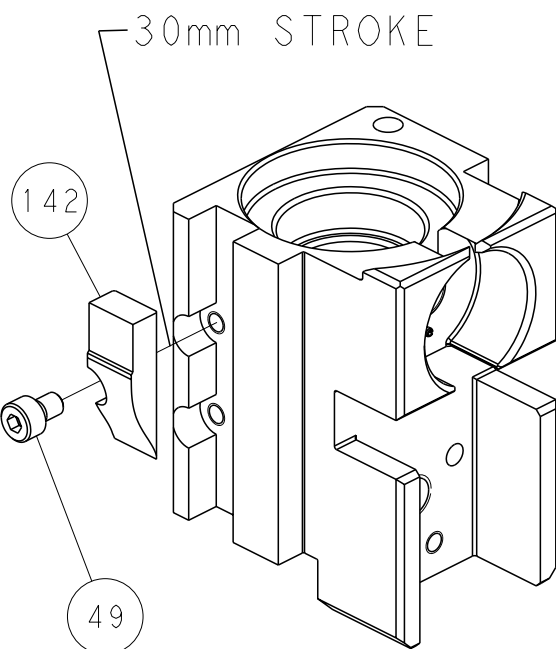
FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)



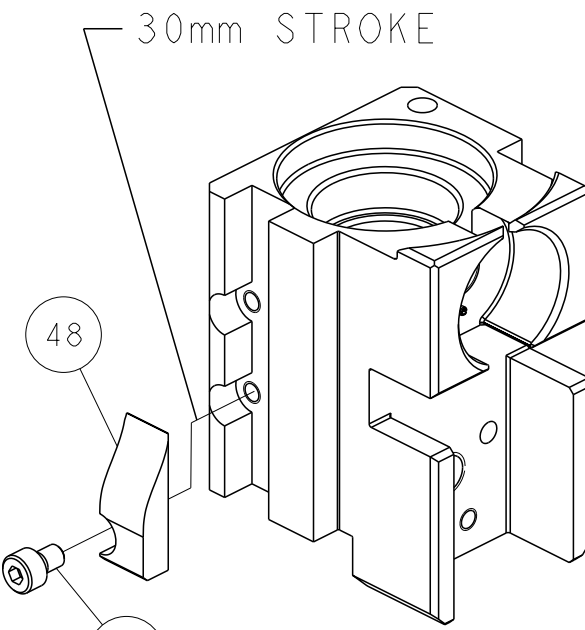
DETAIL A



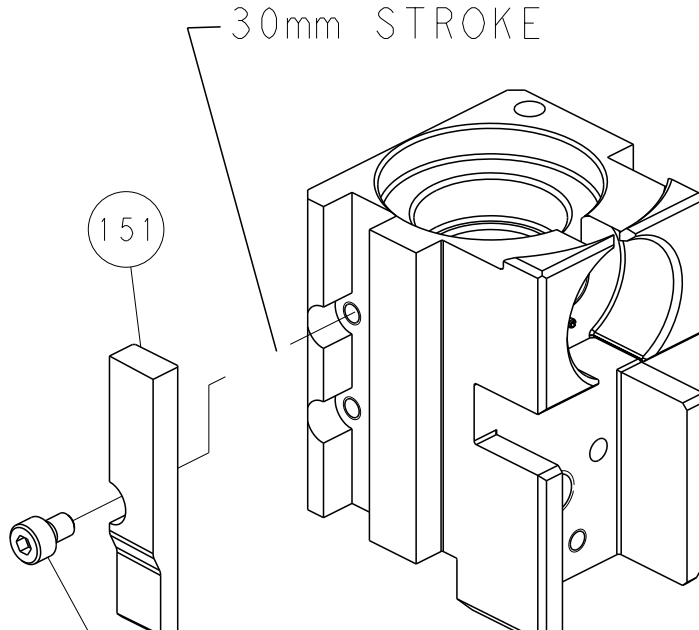
CAM POSITIONS



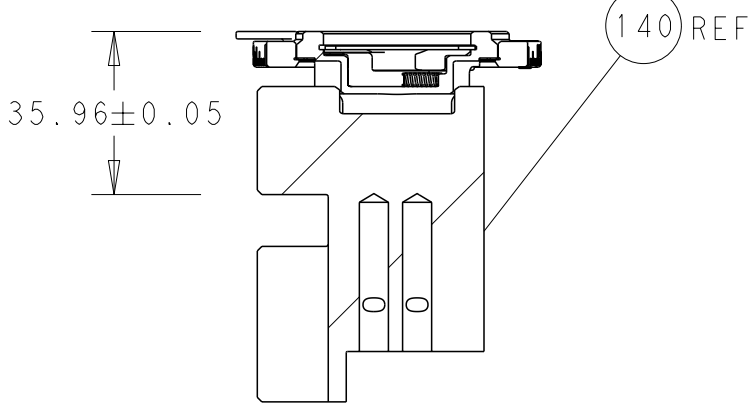
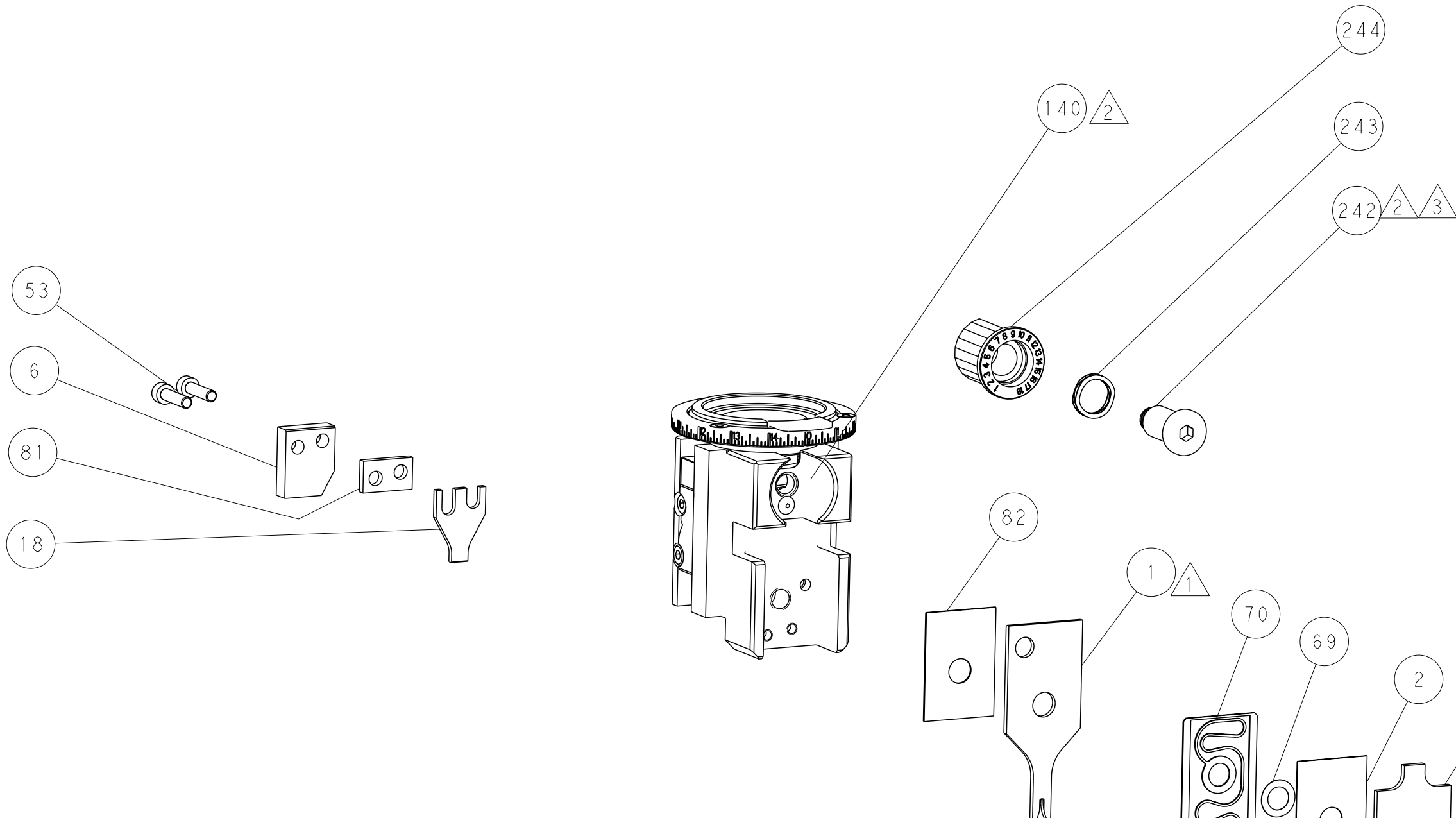
MECHANICAL
POST FEED



MECHANICAL
PRE FEED



AIR FEED



RAM SET-UP

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN EVALDO.O 28JUL2016		
DIMENSIONS: mm		CHK DIEGO.O 28JUL2016		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. ALVES 28JUL2016	NAME Ocean Side Feed Applicator	
0 PLC ±		PRODUCT SPEC	SIZE	
1 PLC ±		APPLICATION SPEC	CAGE CODE	
2 PLC ±		WEIGHT	DRAWING NO	
3 PLC ±		Customer Accessible Production Drawing	A100779C=2836108	
4 PLC ±		SCALE	1:2	
ANGLES		SHEET	4	
FINISH		OF	4	
MATERIAL		REV	C	