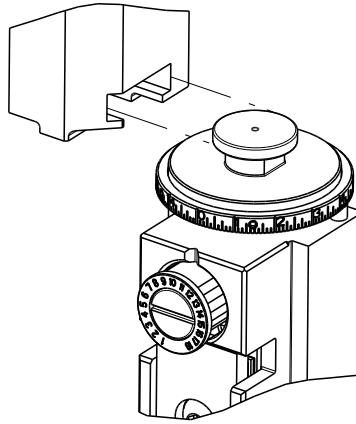


8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2150321-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150321-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2150321-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	4.57 mm [.180]	F
INSUL	7.62 mm [.300]	F
APPLICATOR INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .375 SERIES FASTIN-FASTON RECEPTACLE			
WIRE STRIP LENGTH 6.22-6.99 mm [.245-.275 IN]		 INSULATION DIAMETER RANGE Ø5.08-6.99 mm [.200-.275 IN]	
TERMINAL APPLICATION SPECIFICATION 		114-20021	
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
280755-2	280755-4	281091-2	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
10.00mm2	3.63+/-0.05 [.143+/- .002]	4.9
6.0+2.5 or 8.50mm2	3.51+/-0.05 [.138+/- .002]	6.3
8.00mm2	3.43+/-0.05 [.135+/- .002]	7.4
6.00mm2	3.23+/-0.05 [.127+/- .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. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50.
- 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.
- TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED..
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*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)

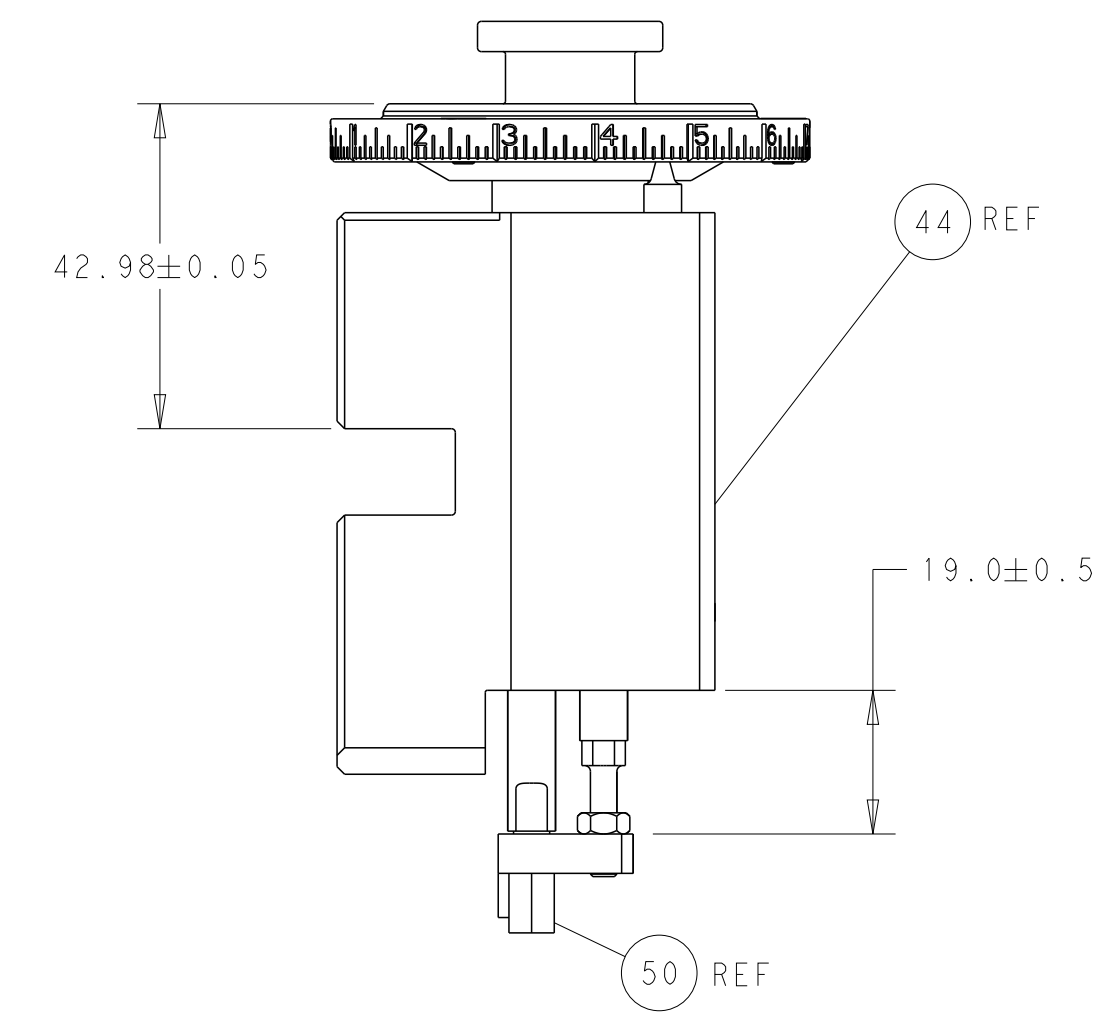
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LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
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		B		ECR-17-005419	13APR2017	TB	TE
		C		ECR-18-017030	28OCT2018	TB	CT

-	1	1	2119640-1	PUSH ROD, AIR FEED	250
-	1	1	1803259-1	BUSHING, FLANGED	249
-	1	1	2119641-1	FEED CAM, AIR FEED	248
-	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	2063440-2	AIR FEED MODULE	238
-	1	1	1-18028-0	WASHER, FLAT, REG M8	192
-	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
-	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	2	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	240638-1	SPRING, FEED FINGER	163
-	1	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	2119791-5	DEPRESSOR, WIRE	73
-	1	1	1803607-2	DOCUMENTATION PACKAGE	71
-	2	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	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
-	1	1	1901681-9	HOLDDOWN, TERMINAL	65
-	2	2	2168400-8	SHCS, LOW HEAD, RoHS, M4 X 16	64
-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	56
-	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	2119792-2	PAWL, EF, AIR	51
-	1	1	1-1752354-6	STANDOFF,HOLD-DOWN	50
-	1	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	1	1	2119655-5	APPLICATOR BASIC ASSEMBLY, EF	46
-	1	1	1803517-1	RAM ASSEMBLY, EF ATLANTIC	44
-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	1	690455-1	STRIPPER, FRONT CASTING	27
-	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25
-	1	1	1-1752371-4	PLATE, STRIP GUIDE	24
-	1	1	240825-5	PLATE, STRIP HOLD DOWN	23
-	2	2	22281-7	SPRING, COMPRESSION	22
-	1	1	1803292-4	DRAG	20
-	2	2	1901259-7	GUIDE, LOWER STRIP	18
-	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17
-	1	1	4-240641-7	SPACER	16
-	1	1	1752360-1	SPACER,HOLD-DOWN	13
-	1	1	1-240833-3	PLATE, REAR SHEAR	11
-	-	-	-	-	10
-	1	1	5-690482-4	PLATE, FRONT SHEAR	9
1	2	1	1333223-3	ANVIL, COMBINATION	8
-	1	1	2217206-4	BLADE, SLUG	7
-	-	-	-	-	6
-	1	1	1-240641-6	SPACER	5
-	1	1	3-238011-1	BLOCK, CRIMPER SPACER	4
1	2	1	2-1633961-2	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1-455888-2	SPACER, CRIMPER	2
1	2	1	456428-3	CRIMPER, WIRE	1
-	77-72	-2	PART NO	DESCRIPTION	ITEM NO

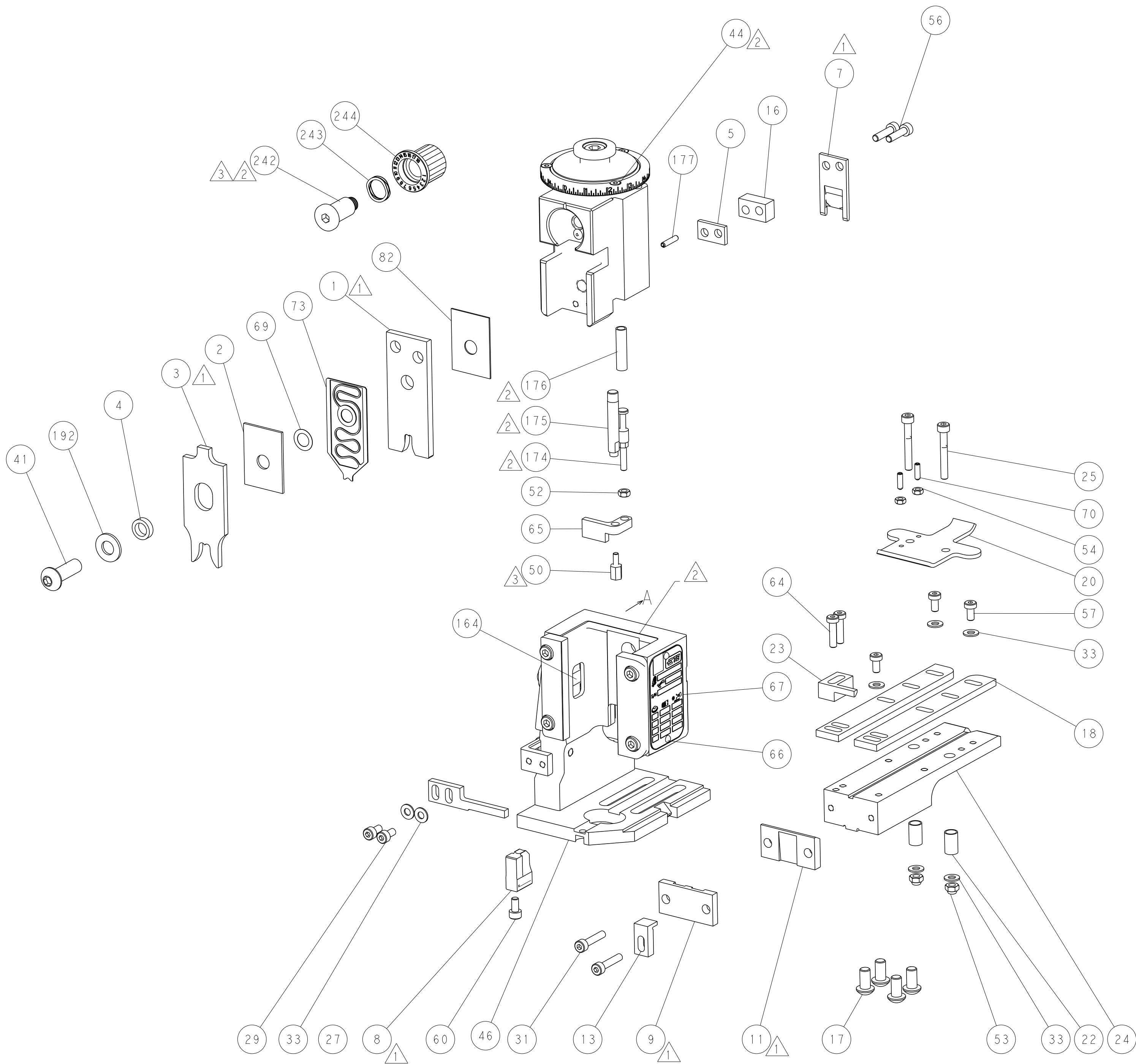
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST EDITION.		DWN R. HUANG CHK L. ZHANG APVD J. GUO	25MAR2013 25MAR2013 25MAR2013	STE TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME Ocean End Feed Applicator	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		± ± ± ± ± ±		PRODUCT SPEC APPLICATION SPEC	
MATERIAL -		WEIGHT -		SIZE A1	CAGE CODE 00779
				DRAWING NO C=2150321	RESTRICTED TO -
				Customer Accessible Production Drawing	
				SCALE 1:1	SHEET 1 OF 4
				REV C	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

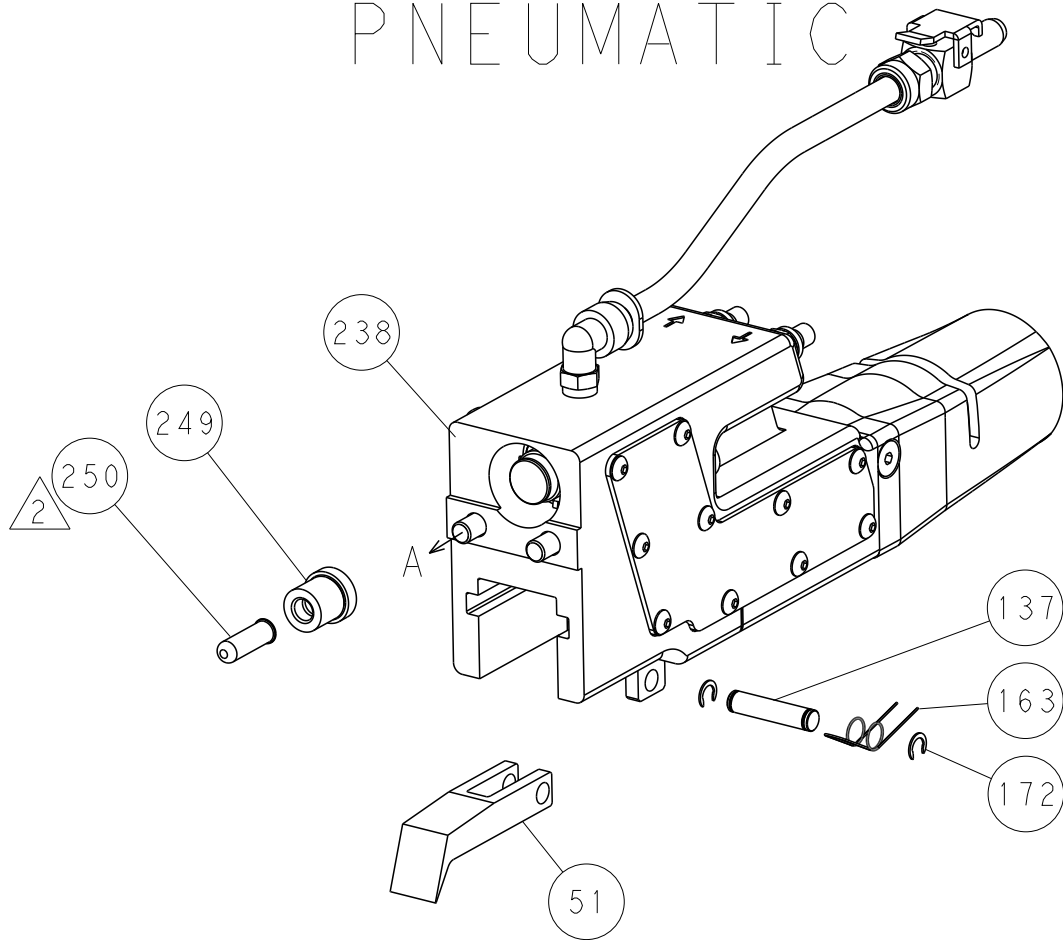


RAM AND HOLD DOWN SET-UP

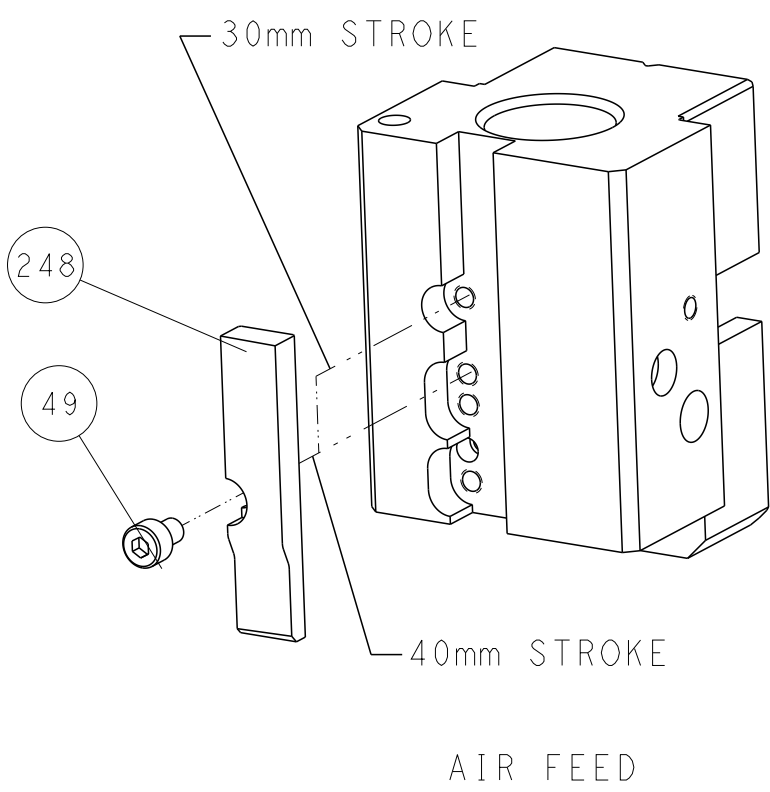


FEED TYPE

PNEUMATIC

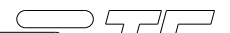


CAM POSITION



AIR FEED

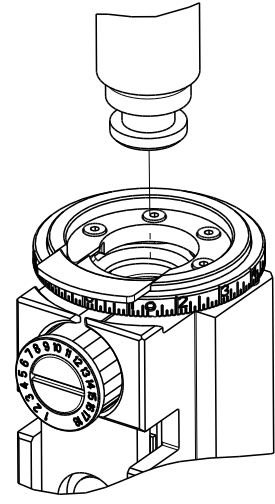
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

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				CHK L. ZHANG 25MAR2013	
				APVD J. GUO 25MAR2013	
				NAME	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		Ocean End Feed Applicator	
	0 PLC	±		PRODUCT SPEC	
	1 PLC	±			
	2 PLC	±		APPLICATION SPEC	
	3 PLC	±			
	4 PLC	±			
ANGLES		±			
FINISH				SIZE	CAGE CODE
MATERIAL	-	-	-	WEIGHT	-
				A	00779
				C	2150321
				Customer Accessible Production Drawing	
				SCALE	1:1
				SHEET	2 of 4
				REV	C

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2150321-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150321-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	4.57 mm [.180]	F
INSUL	7.62 mm [.300]	F
APPLICATOR INSTRUCTIONS 408-35043		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .375 SERIES FASTIN-FASTON RECEPTACLE			
WIRE STRIP LENGTH 6.22-6.99 mm [.245-.275 IN]		INSULATION DIAMETER RANGE Ø5.08-6.99 mm [.200-.275 IN]	
TERMINAL APPLICATION SPECIFICATION		114-20021	
TERMINALS APPLIED		5	
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
280755-2	280755-4	281091-2	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
10.00mm2	3.63+/-0.05 [.143+/- .002]	4.9
6.0+2.5 or 8.50mm2	3.51+/-0.05 [.138+/- .002]	6.3
8.00mm2	3.43+/-0.05 [.135+/- .002]	7.4
6.00mm2	3.23+/-0.05 [.127+/- .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. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50.
 - 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.
 - TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED..
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*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)

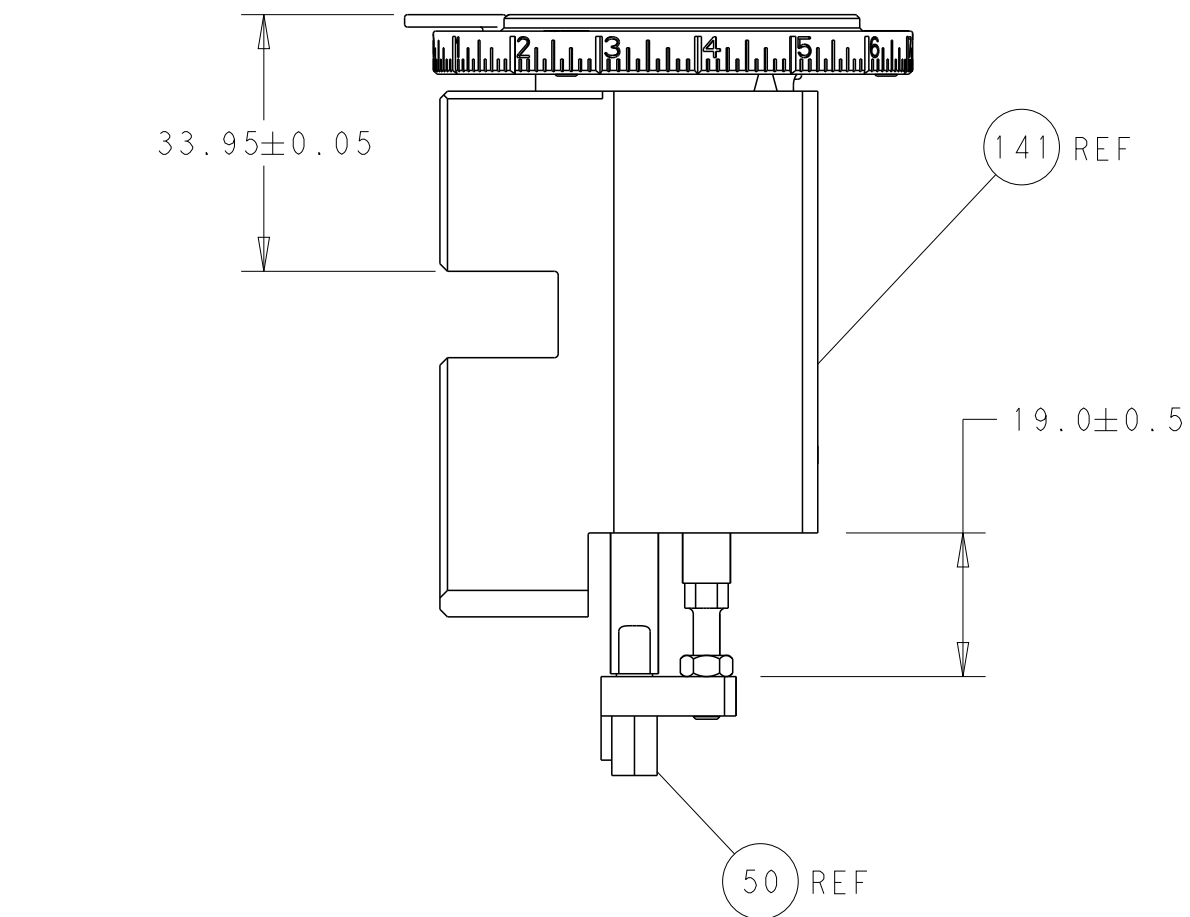
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LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

-	1	2119640-1	PUSH ROD, AIR FEED	250
-	1	1803259-1	BUSHING, FLANGED	249
-	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	2063440-2	AIR FEED MODULE	238
-	1	1-18028-0	WASHER, FLAT, REG M8	192
-	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
-	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
-	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	994970-2	COUNTER, MAGNETIC	164
-	1	240638-1	SPRING, FEED FINGER	163
-	1	2119641-2	FEED CAM, AIR FEED	152
-	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1803518-1	RAM ASSEMBLY, EF PACIFIC	140
-	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	455888-6	SPACER, CRIMPER	82
-	1	2119791-5	DEPRESSOR, WIRE	73
-	1	1803607-2	DOCUMENTATION PACKAGE	71
-	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	70
-	1	2119943-1	WASHER, SPACER	69
-	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1901681-9	HOLDDOWN, TERMINAL	65
-	2	2168400-8	SHCS, LOW HEAD, RoHS, M4 X 16	64
-	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	56
-	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	2119792-2	PAWL, EF, AIR	51
-	1	1-1752354-6	STANDOFF,HOLD-DOWN	50
-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	690455-1	STRIPPER, FRONT CASTING	27
-	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25
-	1	1-1752371-4	PLATE, STRIP GUIDE	24
-	1	240825-5	PLATE, STRIP HOLD DOWN	23
-	2	22281-7	SPRING, COMPRESSION	22
-	1	1803292-4	DRAG	20
-	2	1901259-7	GUIDE, LOWER STRIP	18
-	1	4-240641-7	SPACER	16
-	1	1752360-1	SPACER,HOLD-DOWN	13
-	1	1-240833-3	PLATE, REAR SHEAR	11
-	-	-	-	10
-	1	5-690482-4	PLATE, FRONT SHEAR	9
-	1	1333223-3	ANVIL, COMBINATION	8
-	1	2217206-4	BLADE, SLUG	7
-	-	-	-	6
-	1	1-240641-6	SPACER	5
-	1	3-238011-1	BLOCK, CRIMPER SPACER	4
-	1	2-1633961-2	CRIMPER, INSULATION F PREMIUM	3
-	1	1-455888-2	SPACER, CRIMPER	2
-	1	456428-3	CRIMPER, WIRE	1
-	77-22	PART NO	DESCRIPTION	ITEM NO

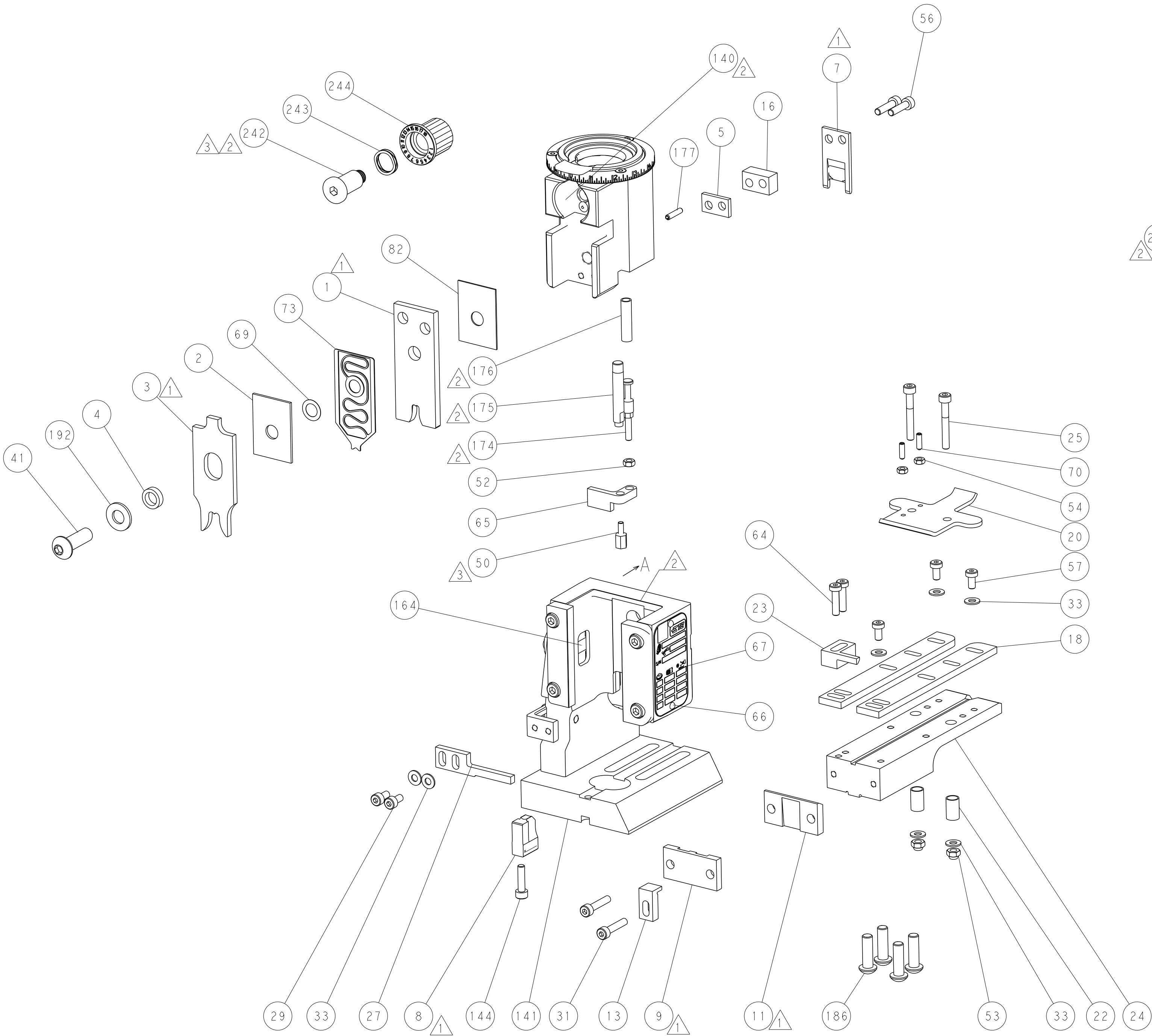
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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME Ocean End Feed Applicator	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		± ± ± ± ± ± ±		PRODUCT SPEC APPLICATION SPEC	
MATERIAL -		WEIGHT -		SIZE A	
				CAGE CODE 00779	
				DRAWING NO 2150321	
				RESTRICTED TO -	
				Customer Accessible Production Drawing	
				SCALE 1:1	
				SHEET 3	
				OF 4	
				REV C	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

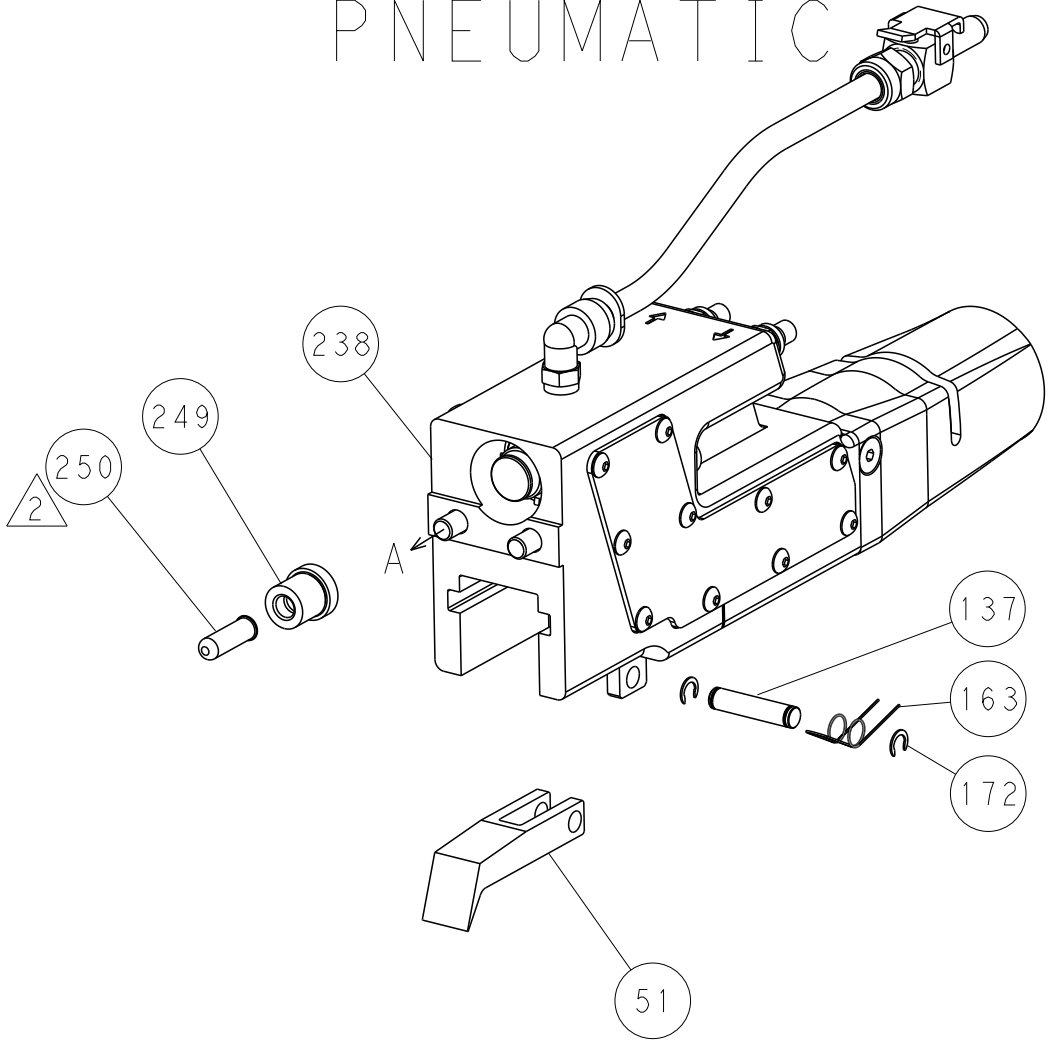


RAM AND HOLD DOWN SET-UP

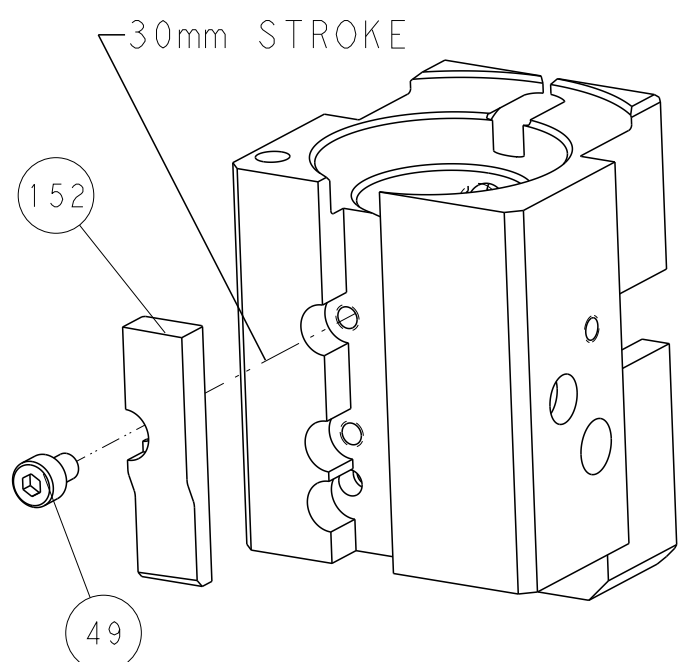


FEED TYPE

PNEUMATIC



CAM POSITION



AIR FEED

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 FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND THE LATEST EDITION SHOULD BE CONTACTED FOR THE LATEST POSITION.		DWN K. HUANG 25MAR2013	STE TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK L. ZHANG 25MAR2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH -		APVD J. GUO 25MAR2013	NAME Ocean End Feed Applicator	
MATERIAL -		PRODUCT SPEC APPLICATION SPEC WEIGHT -	SIZE A1 CAGE CODE 00779 DRAWING NO C-2150321	
		Customer Accessible Production Drawing	SCALE 1:1	SHEET 4 OF 4 REV C

Mouser Electronics

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