

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
	2266052-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-1	2119799-1	2063440-1
	2266052-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	SERVO LATCH PLATE	2119951-1	-	8-2266052-5	1901094-3	2-1752354-6	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2266052-4	-	-	-
					MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-1	-	-
	2266052-5	A	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	SERVO LATCH PLATE	2119951-1	-	8-2266052-5	1901094-3	2-1752354-6	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2266052-4	-	-	-
	2266052-6	A	NON-CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-1	-	-
PNEUMATIC FEED					2119950-1	1338685-1	5-18022-5	2119641-1	2119799-1	2063440-1	
2266052-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-	
7-2266052-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	4.19 mm [.165]	O

APPLICATOR INSTRUCTIONS
408-10389

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 2.8MM FLAT TYPE RECEPTACLE			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.70-5.30 mm [.185-.209 IN]	(A) 114-18144-0	3.40 [.134 IN MAX]	(B) 114-18144-1
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL
(A) 967543-1	(B) 968088-1	828905-1	
(A) 967543-2	(B) 968088-2		
(A) 967543-3	(B) 1703035-1		
	(B) 1703035-2		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 2.8MM FLAT TYPE RECEPTACLE			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.70-5.30 mm [.185-.209 IN]	(A) 114-18148-0	3.40 [.134 IN MAX]	(B) 114-18148-1
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL
(C) 1-968857-1	(C) 1-968857-3	828905-1	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm2	1.88+/-0.05 [.074+/-0.002]	7.1
1.50mm2	1.58+/-0.05 [.062+/-0.002]	8.7

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm2	1.76+/-0.05 [.069+/-0.002]	8.3
1.50mm2	1.47+/-0.05 [.058+/-0.002]	11.4

- 1 RECOMMENDED SPARE PARTS
- 2 GREASE BEARING SURFACES LIGHTLY
- 3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- 4 APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266052-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266052-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266052-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2266052-6
- 5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- 6 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62, 180 & 242. FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37, 180 & 242.
- 7 GREASE THREADS, GROOVE AND O-RING ON ITEMS 35 & 252.
- 8 MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- 9 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.
- 10 SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- 11 TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON THE BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- 12 WHEN ASSEMBLING -6 NON-CRIMP HEIGHT ADJUST APPLICATOR USE SHIM PACK 2119957-2 TO ALIGN APPLICATOR'S MAXIMUM WIRE CRIMP HEIGHT AT NORMAL TERMINATOR SHUT HEIGHT
- 13 THIS APPLICATOR APPLIES TERMINAL WITH A SEAL. INSULATION RANGE QUOTED IS THAT OF THE TERMINAL.
THE SEAL INSULATION RANGE IS 2.2- 3.0mm [.087 - .118 IN.]
- 14 APPLY TORO-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION.
APPLY #1-23419-5 LOC-TITE TO THREADS.
- 15 THE APPLICATOR IS SPECIFIC FOR USE IN A STRIPPER SEAL TERMINATING UNIT.

***WARNING**
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

-77	-7	-6	-5	-2	-1	PART NO	DESCRIPTION	ITEM NO
-	-	1	-	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	1	-	1	1	1	8-21084-0	O-RING, .676 ID, .070 DIA. MAT.	252
-	-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	-	-	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	-	1	1	1	2119798-1	DETENT PIN	247
-	1	-	1	1	1	1-22279-3	SPRING, COMPRESSION	246
-	-	1	-	-	-	2119758-1	RAM, AMP STYLE, SIDE FEED, NON-ADJ.	245

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

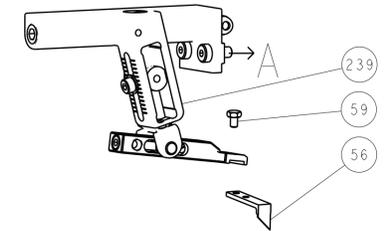
SET UP GAUGE	LOC	DIST	REVISIONS			
2119999-1	A	66	#	DATE	BY	APPV
			1	DEVELOPMENT	25SEP2013	XZ TE
			A	RELEASED	28OCT2013	BH GB

-	1	1	1	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244	
-	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243	
-	1	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242	
-	1	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241	
-	-	2	2	-	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240	
-	-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239	
-	-	-	-	-	1	2063440-1	AIR FEED MODULE	238	
-	-	1	1	-	-	2119740-2	TAG, IDENTIFICATION	213	
-	-	1	1	-	-	1901094-3	SPACER, FEEDER	198	
-	1	1	1	1	1	2-1752354-6	STANDOFF, HOLD-DOWN	180	
-	1	1	1	1	1	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177	
-	1	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176	
-	1	1	1	1	1	1752353-2	GUIDE PIN, HOLDDOWN	175	
-	1	1	1	1	1	1901680-2	GUIDE PIN, HOLDDOWN	174	
-	-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172	
-	1	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166	
-	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164	
-	-	-	-	1	-	240638-1	SPRING, FEED FINGER	163	
-	-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137	
-	-	-	-	-	1	2119799-1	HOLDER, FEED FINGER, AF	136	
-	-	REF	REF	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135	
-	-	1	1	-	-	1633743-1	SERVO FEED LATCH ASM	133	
-	1	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119	
-	-	REF	REF	-	-	2119944-1	FEED FINGER ASSEMBLY, SF	117	
-	1	1	1	1	1	455888-5	SPACER, CRIMPER	82	
-	1	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71	
-	1	1	1	1	1	2119791-5	DEPRESSOR, WIRE	70	
-	1	1	1	1	1	2119943-1	WASHER, SPACER	69	
-	1	-	-	1	1	2119740-1	TAG, IDENTIFICATION	67	
-	2	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66	
-	1	-	-	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63	
-	3	-	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62	
-	1	1	1	1	1	2079383-4	SCR, BHSC, RoHS (M4 X 8)	60	
-	-	-	-	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59	
-	1	1	1	1	1	985575-3	SCR, FLT SKT HD CAP M3 X 10.0	57	
-	-	-	-	-	1	1338685-1	PAWL, FEED	56	
-	4	4	4	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	54	
-	1	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52	
-	1	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51	
-	-	-	-	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	-	-	-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	-	-	-	-	1	2119653-1	FEED CAM, POST FEED	47
-	1	1	1	1	1	2-2119656-1	APPLICATOR BASIC ASSEMBLY, SF	46	
-	1	-	1	1	1	2119370-1	RAM, AMP STYLE, SIDE FEED	44	
-	1	1	1	1	1	2079383-7	SCR, BHSC, RoHS (M8 X 25)	41	
-	1	-	1	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT	40	
-	1	-	1	1	1	2119957-1	APPLICATOR SHIM PACK	39	
-	1	1	1	1	1	2119644-2	RAM WASHER, PRECISION	38	
-	1	1	1	1	1	2119085-1	FA HEAD, ATLANTIC STYLE	37	
-	1	-	1	1	1	2119092-1	BOLT, ADJUSTMENT	35	
-	1	1	1	1	1	1752356-4	SUPPORT, TERMINAL	34	
-	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33	
-	1	1	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 x 8mm LONG	32	
-	1	1	1	1	1	1-1320908-2	SPACER, STRIP GUIDE	30	
-	1	1	1	1	1	2119959-2	ASSEMBLY, STRIP GUIDE	29	
-	1	1	1	1	1	455888-3	SPACER, CRIMPER	28	
-	1	1	1	1	1	1320928-2	STRIP GUIDE	24	
-	1	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21	
-	1	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20	
-	1	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19	
-	1	1	1	1	1	2119806-1	INSERT, SHEAR	13	
-	1	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12	
-	1	1	1	1	1	1-356885-4	STOP, SHEAR	11	
-	1	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10	
-	1	1	1	1	1	318707-1	FLOATING SHEAR, FRONT	9	
-	1	1	1	1	1	1333206-1	ANVIL, COMBINATION .100	8	
-	-	-	-	-	-	-	-	7	
-	-	-	-	-	-	-	-	6	
-	1	1	1	1	1	2119781-5	DEPRESSOR, SHEAR	5	
-	1	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4	
-	1	1	1	1	1	1633996-9	CRIMPER, INSULATION SPECIAL	3	
-	1	1	1	1	1	455888-6	SPACER, CRIMPER	2	
-	1	1	1	1	1	456407-5	CRIMPER, WIRE PREMIUM	1	

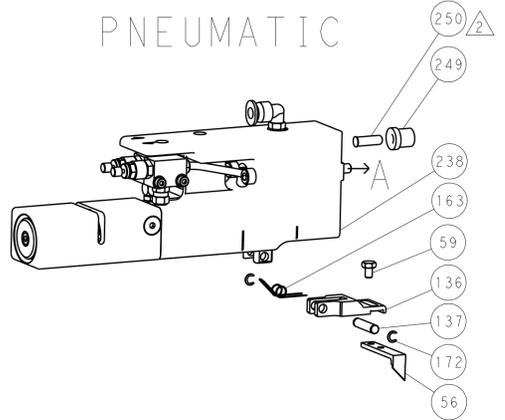
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN	CHK	APPV	DATE	TE Connectivity	
mm	0 PLC ±.5	1 PLC ±.3	2 PLC ±.13	3 PLC ±.013	4 PLC ±.0001	ANGLES	±.0001	APV	25SEP2013
MATERIAL:		FINISH:		WEIGHT:		SCALE:		RESTRICTED TO:	
-		-		-		A1 00779		Customer Accessible Production Drawing	

REVISONS		DATE	OWN	APVD
LOC	DIST			
A	66			
P. LTM	DESCRIPTION			
-	SEE SHEET 1			

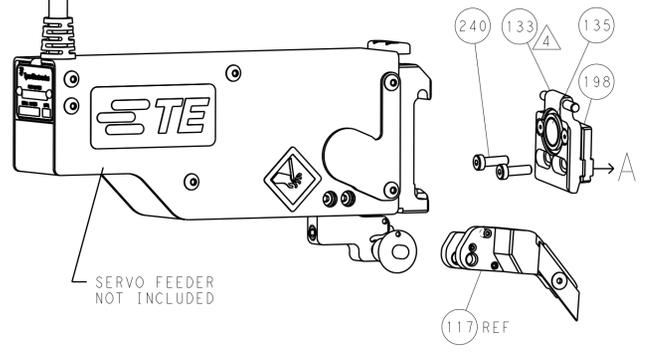
FEED TYPE MECHANICAL



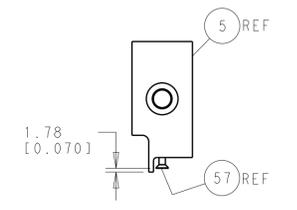
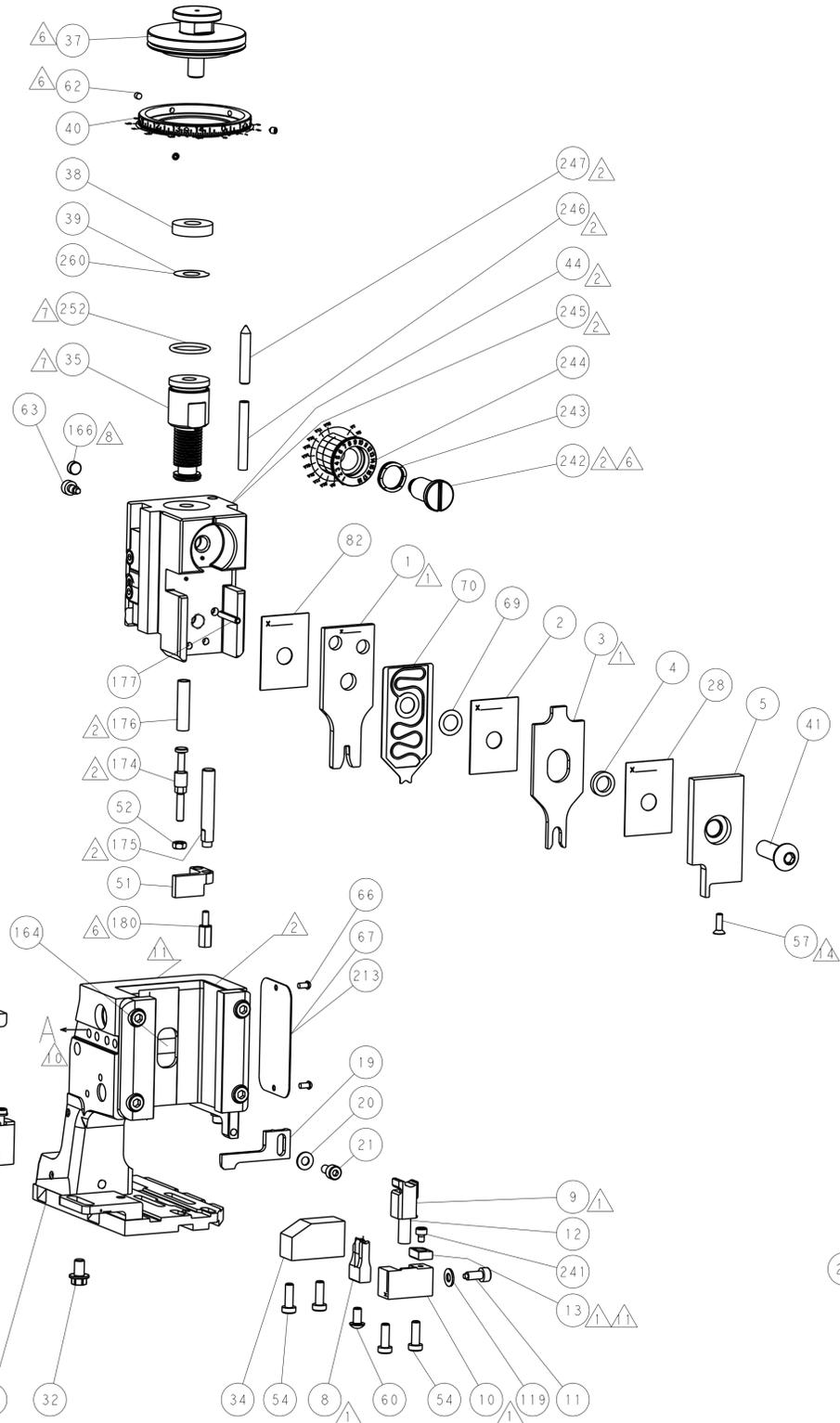
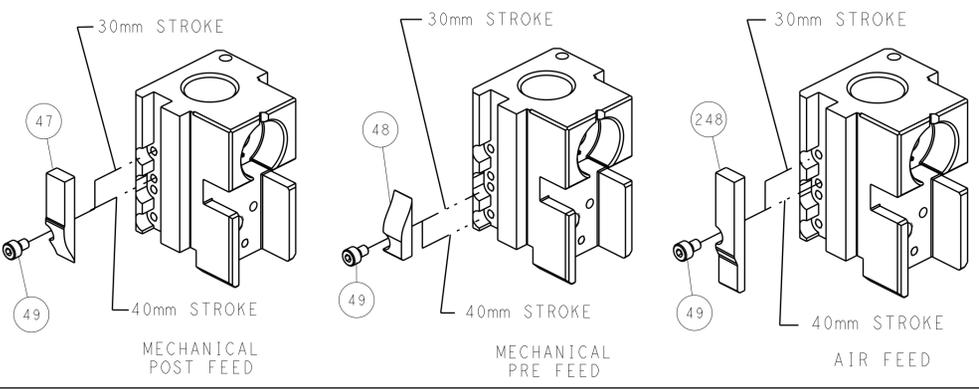
PNEUMATIC



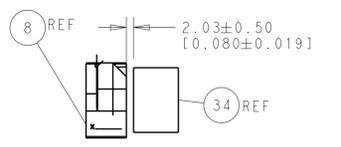
SERVO LATCH PLATE



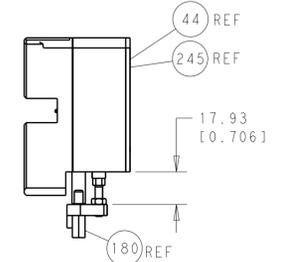
CAM POSITIONS



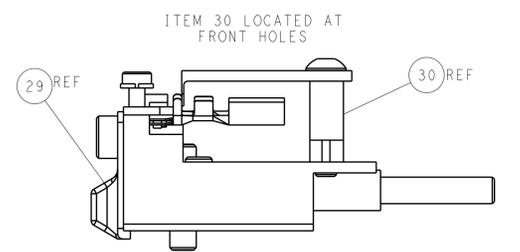
SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



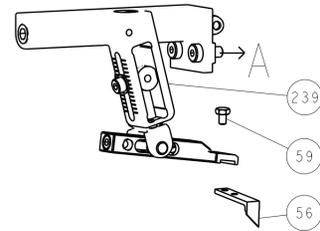
FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

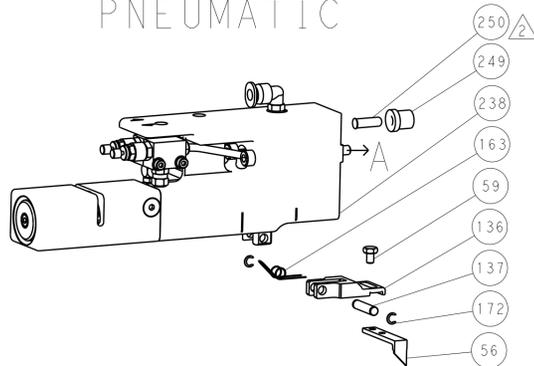
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG: X_ZHAO 25SEP2013		TE Connectivity	
mm	0 PLC ±0.5	1 PLC ±0.13	2 PLC ±0.13	3 PLC ±0.013	4 PLC ±0.0013	APVD: T_ELFIN 25SEP2013	Harrisburg, PA 17105-3608
MATERIAL:		FINISH:		NAME: Ocean Side Feed Applicator		RESTRICTED TO:	
				SIZE: A1		CAGE CODE: 00779	
				DRAWING NO: 2266052		SCALE: 1:2	
				SHEET: 2 of 4		REV: A	

REV A		DIST 66		REVISIONS			
REV	DATE	BY	CHK	DESCRIPTION	DATE	BY	CHK
-	-	-	-	SEE SHEET 1	-	-	-

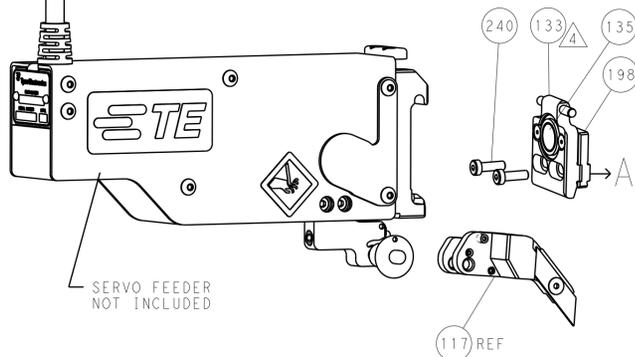
FEED TYPE MECHANICAL



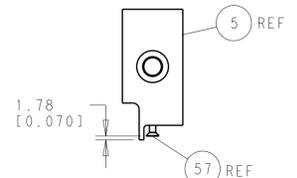
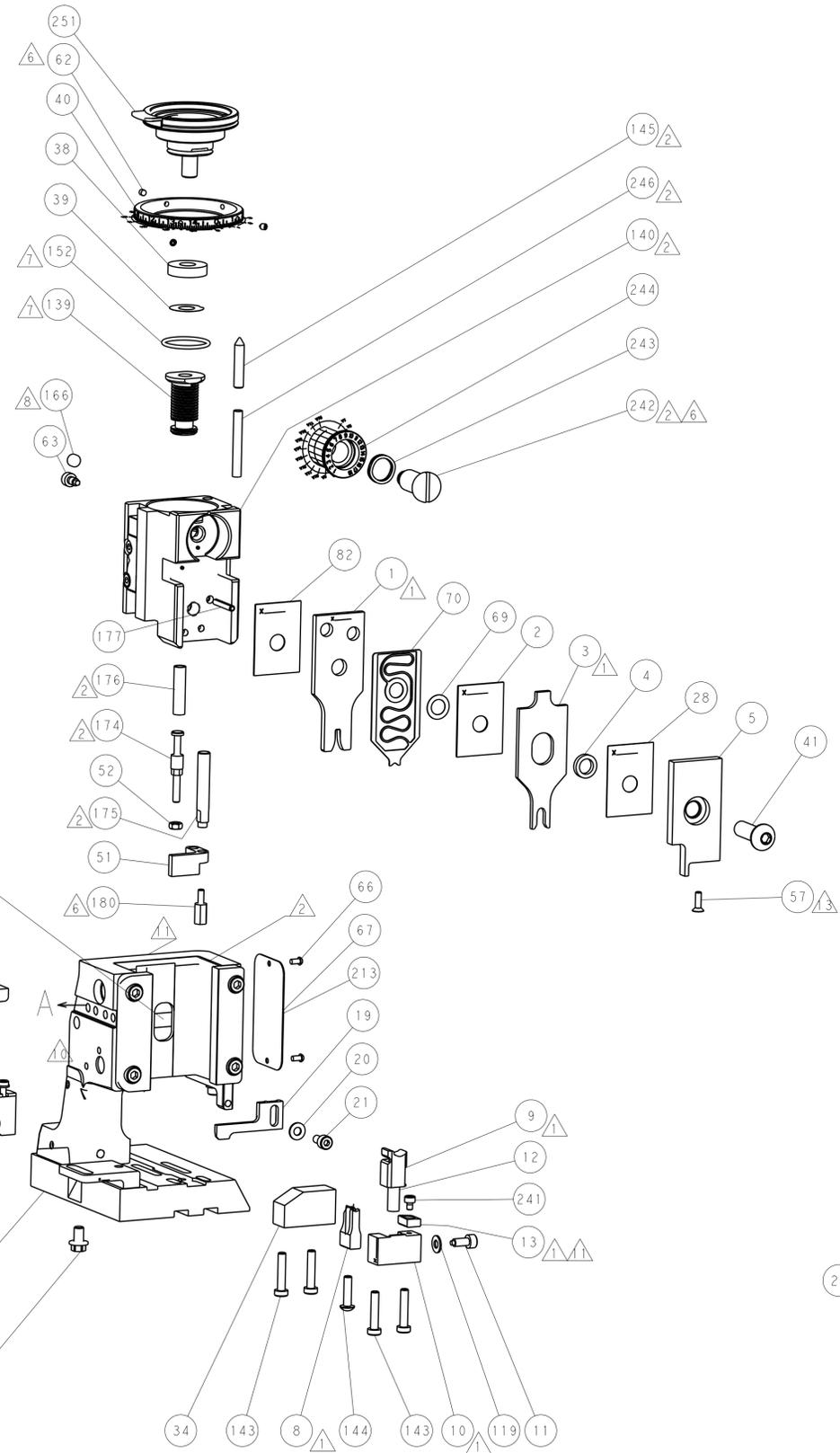
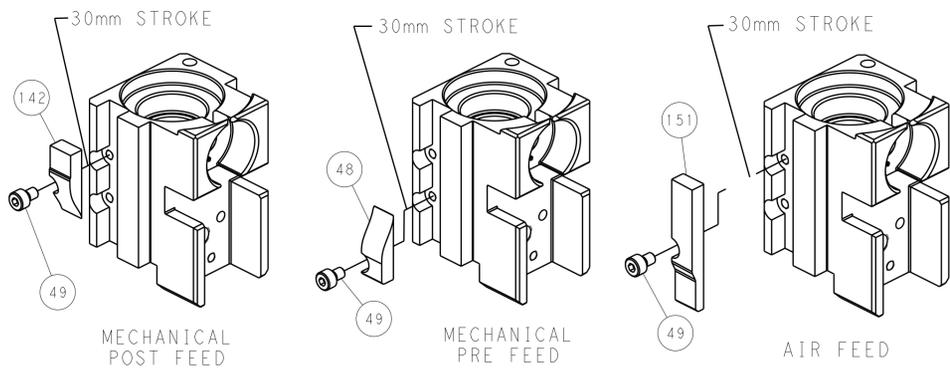
PNEUMATIC



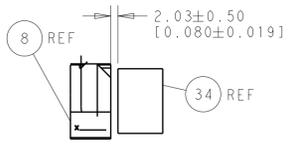
SERVO LATCH PLATE



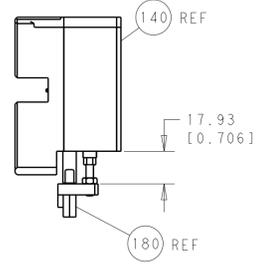
CAM POSITIONS



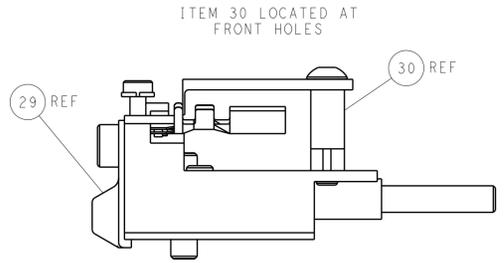
SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG: X_ZHAO 25SEP2013		TE Connectivity	
mm	0 PLC ±0.5	1 PLC ±0.13	2 PLC ±0.13	3 PLC ±0.013	4 PLC ±0.001	APVD: T_ELBIN 25SEP2013	Harrisburg, PA 17105-3608
MATERIAL:		FINISH:		NAME: I_ZHANG 25SEP2013		Ocean Side Feed Applicator	
-		-		PRODUCT SPEC:		-	
-		-		APPLICATION SPEC:		-	
-		-		WEIGHT:		-	
-		-		SCALE: 1:2		SHEET 4 OF 4 REV A	