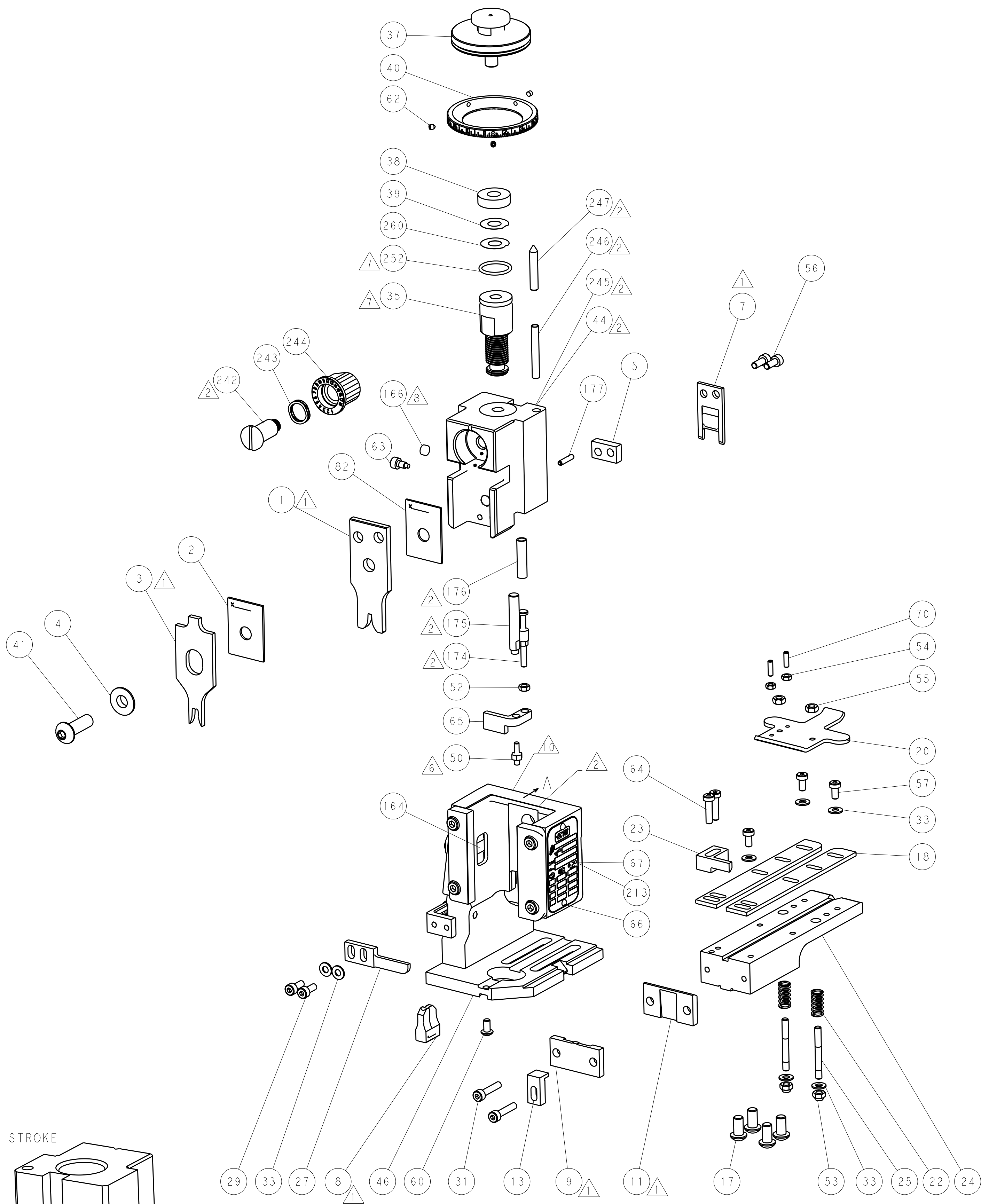
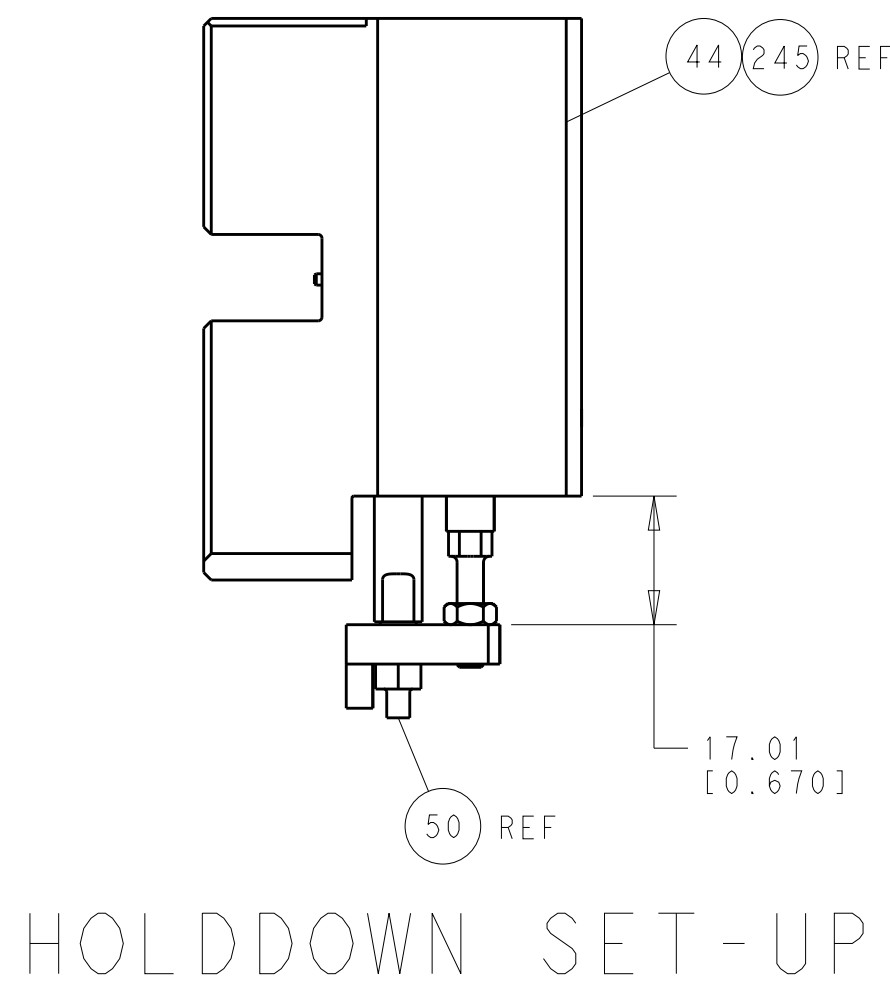
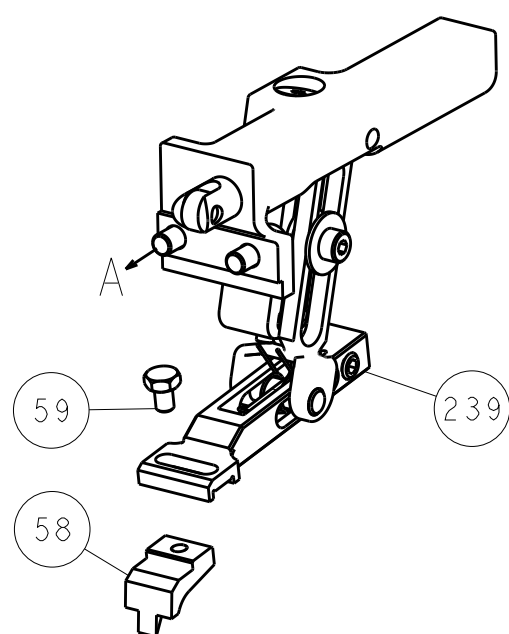


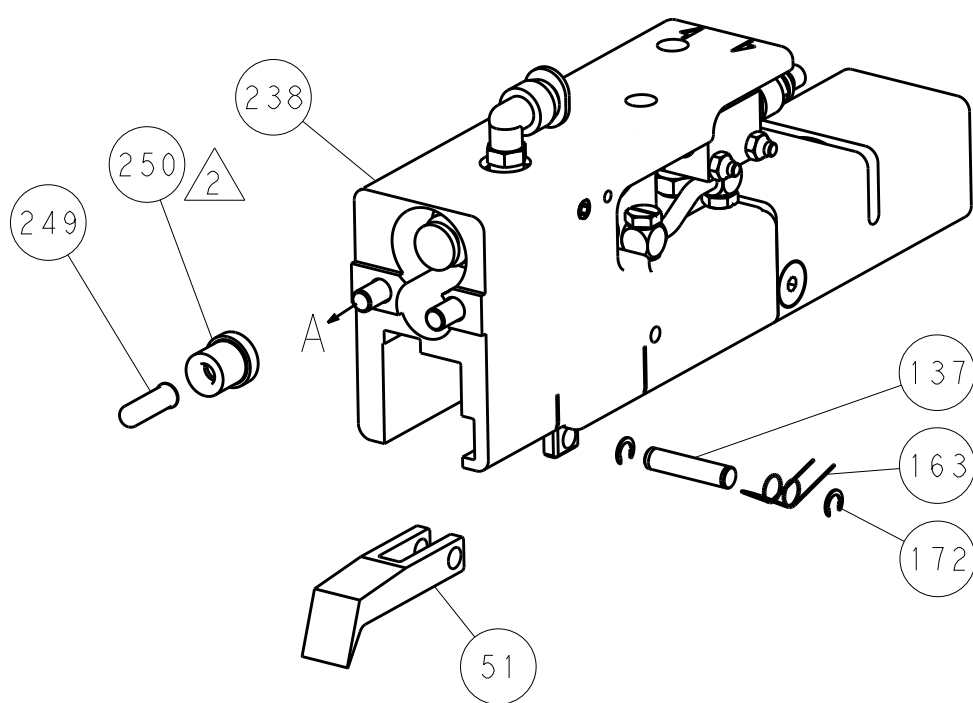
LOC		DIST		REVISIONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



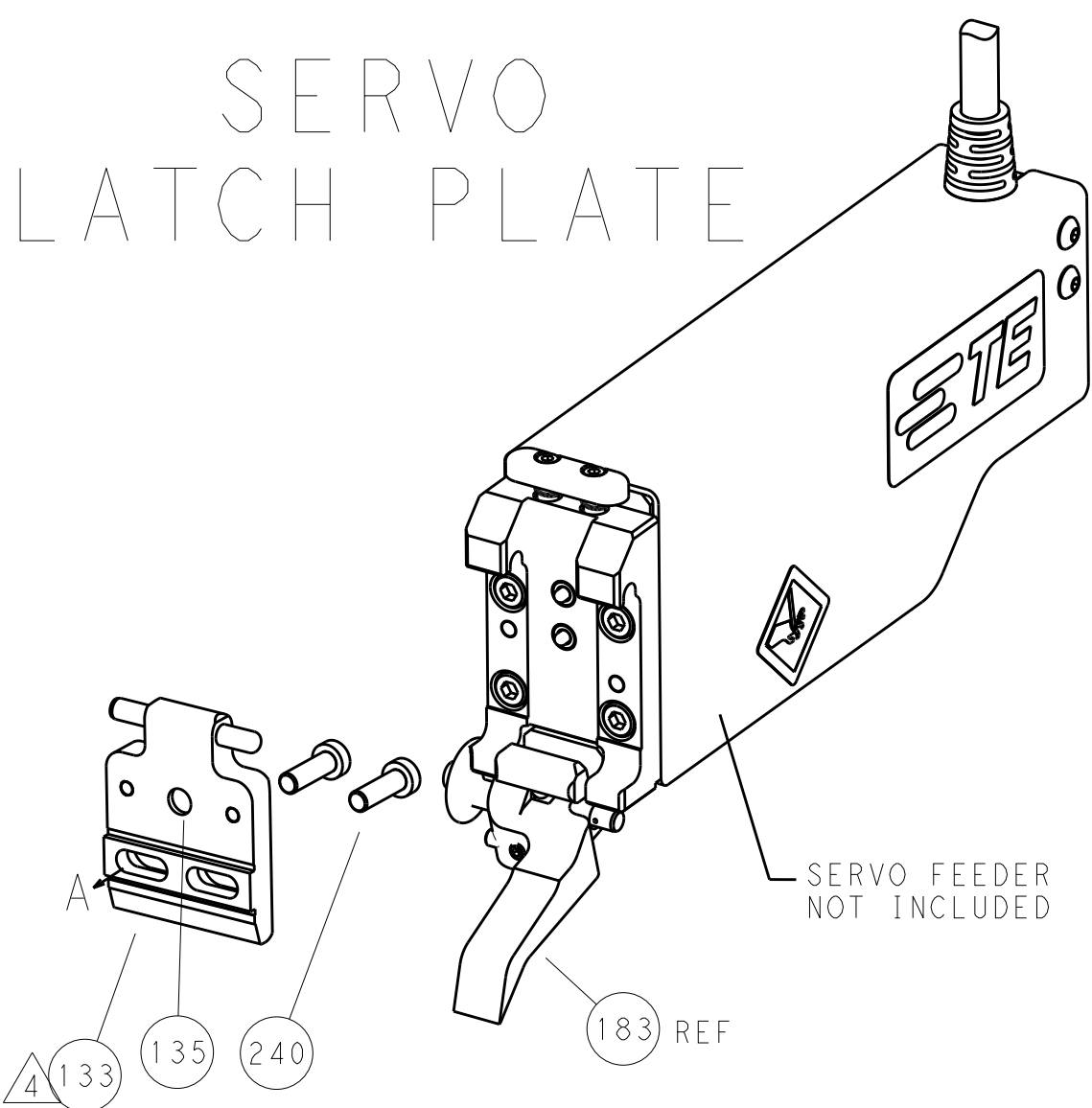
FEED TYPE
MECHANICAL



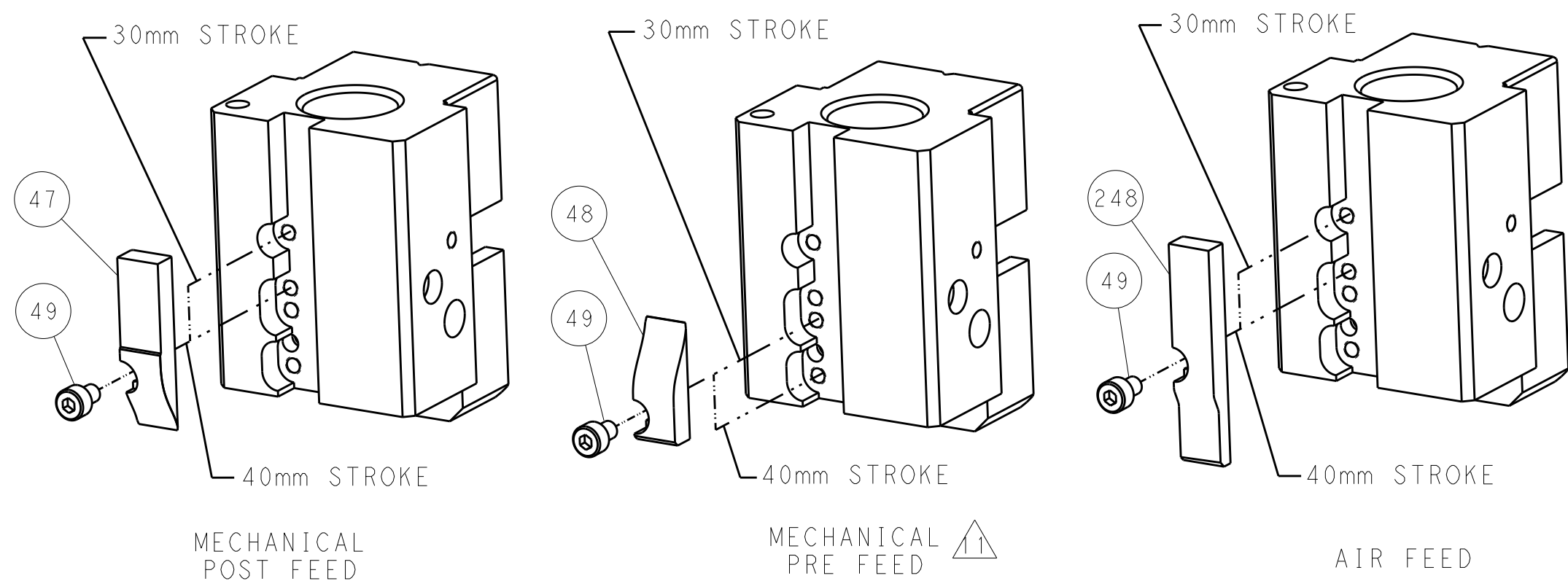
PNEUMATIC



SERVO
LATCH PLATE

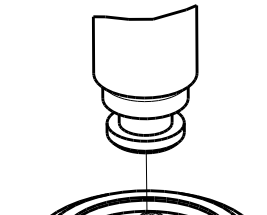


CAM POSITIONS



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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN B. WEAVER 22NOV2011		TE Connectivity	
mm		0 PLC ±0.5		CHK G. HOFFNER 22NOV2011		Harrisburg, PA 17105-3608	
APVD T. ELBIN 22NOV2011		1 PLC ±0.13		NAME		Ocean End Feed	
2 PLC ±0.13		3 PLC ±0.013		PRODUCT SPEC		Applicator	
4 PLC ±0.0001		ANGLES ±0.0001		APPLICATION SPEC		-	
FINISH		WEIGHT		SIZE		CAGE CODE	
-		-		A1 00779		DRAWING NO	
Customer Accessible Production Drawing		SCALE		1:1		SHEET 2 OF 4	
						REV A1	

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER 	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART							
					CONVERT TO	PART NUMBERS REQUIRED						
	2-2150238-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	2119792-1	-	2119641-2	-	2063440-1	
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150238-5	-	-	2168400-7 (QUANTITY 2)	
					SMART APPLICATOR	2161326-1	-	8-2150238-4	-	-	-	
	2-2150238-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	2063961-1	5-18022-5	2119653-2	-	-	
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150238-5	-	-	2168400-7 (QUANTITY 2)	
					SMART APPLICATOR	2161326-1	-	8-2150238-4	-	-	-	
	2-2150238-5	A	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE ⁴	MECHANICAL FEED	2119949-1	2063961-1	5-18022-5	2119653-2	-	-	
					PNEUMATIC FEED	2119950-1	2119792-1	-	2119641-2	-	2063440-1	
	2-2150238-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-	-
	7-2150238-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [.110]	F
INSUL	4.57 mm [.180]	F
APPL INSTRUCTIONS 408-10390		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPEC	
TERMINAL NAME: RECEPTACLE,FASTIN-FASTON .250 SERIES			
WIRE STRIP LENGTH 5.41-6.07 mm [.213-.239 IN]		INSULATION DIAMETER RANGE Ø2.54-4.32 mm [.100-.170 IN]	
TERMINAL APPLICATION SPECIFICATION	 114-2025	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
42100-1	2-42100-1	140808-3	150603-2
42100-2	2-42100-2	1-140808-1	150604-2
42100-3	140808-1	1-140808-2	152314-1
42100-9	140808-2	150603-1	170092-2
			170092-4

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING ⁹
14AWG or 2.5mm ²		1.60+/-0.05 [.063+/- .002]		2.1
2.0mm ²		1.57+/-0.05 [.062+/- .002]		2.3
1.5mm ²		1.42+/-0.05 [.056+/- .002]		3.7
16AWG or 1.0mm ²		1.37+/-0.05 [.054+/- .002]		4.3
18AWG or 0.75mm ²		1.22+/-0.05 [.048+/- .002]		6.1



- RECOMMENDED SPARE PARTS
- GREASE BEARING SURFACES LIGHTLY
3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150238-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150238-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150238-5
5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 50, 62 & 242.
- GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 153.
- MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- 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.
- SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- THE RECOMMENDED SET-UP FOR END FEED APPLICATORS IS POST-FEED WITH ITEM 2119653-1. THE APPLICATOR CAN BE CONFIGURED FOR PRE-FEED WITH ITEM 2119652-1 BUT MAY ENCOUNTER PROBLEMS WITH SOME APPLICATIONS. FEED ISSUES OR TERMINAL JAMMING MAY OCCUR IN THE PRE-FEED CONFIGURATION.

*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.

-	1	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251
-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	1	1	1	1	1-22279-3	SPRING, COMPRESSION	246
-77-27-25-22-21					PART NO	DESCRIPTION	ITEM NO

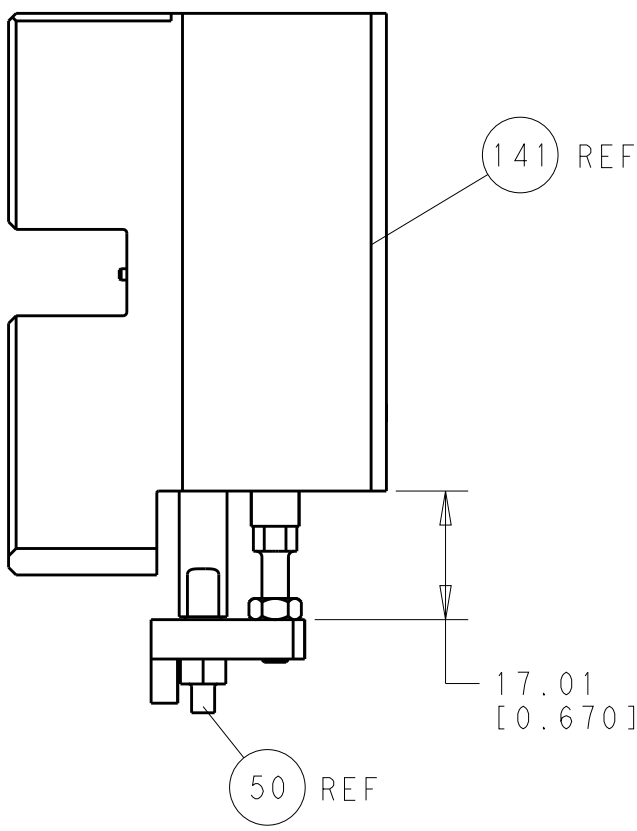
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

SET UP GAUGE 2119599-2	LOC A	DIS 66	REVISIONS					
			P	LTR	DESCRIPTION	DATE	OWN	APVD
			-	-	SEE SHEET 1	-	-	-

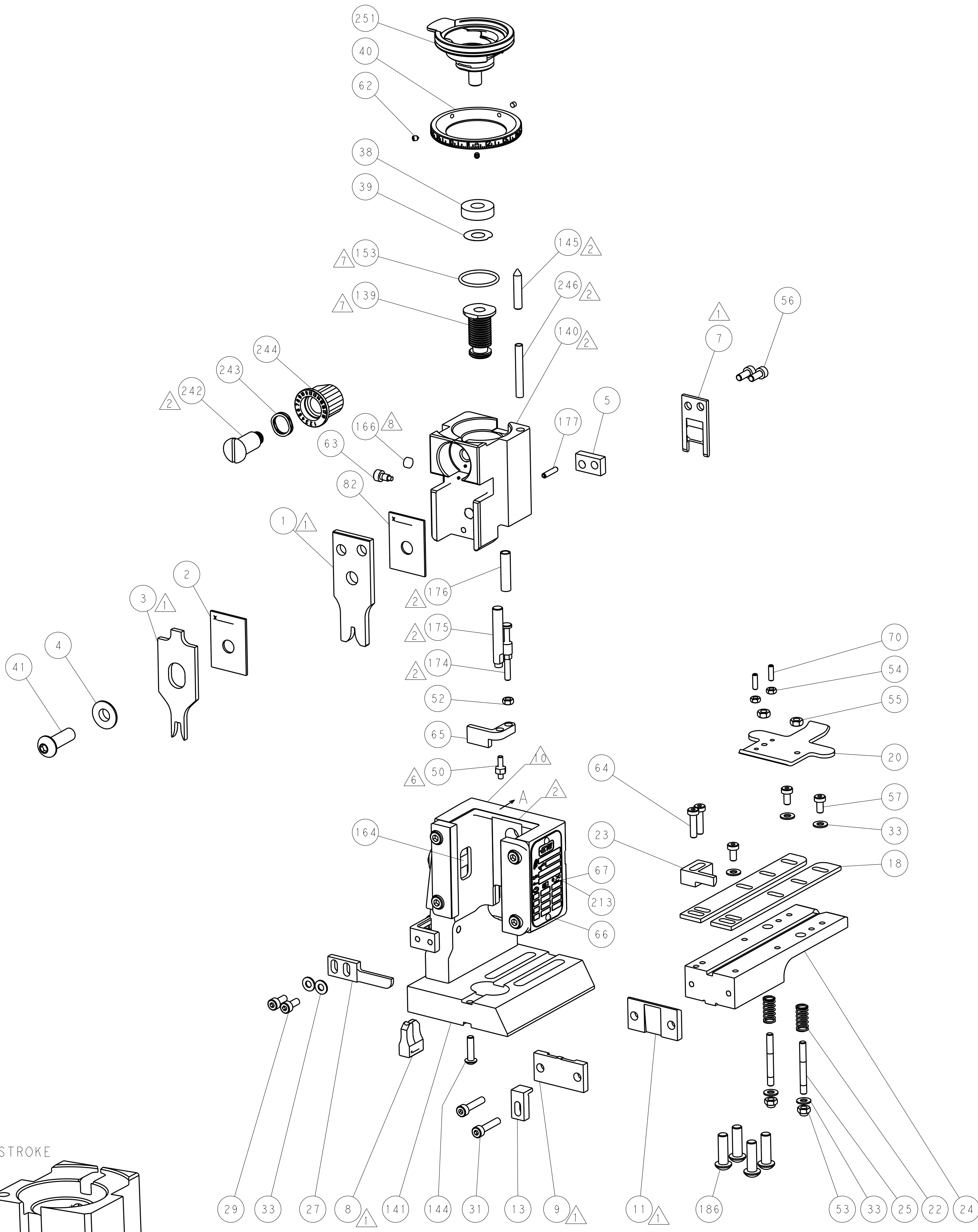
-	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	2	-	-	2168400-7	SHCS, LOW HEAD, RoHS, M5 X 10	240
-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	-	-	1	-	2063440-1	AIR FEED MODULE	238
-	-	1	-	-	2119740-2	TAG,IDENTIFICATION	213
-	4	4	4	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
-	-	REF	-	-	1901697-1	FEED FINGER ASSEMBLY,EF	183
-	1	1	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA. MAT.	153
-	-	-	1	-	2119641-2	FEED CAM, AIR FEED	152
-	1	1	1	1	2119798-2	DETENT PIN	145
-	1	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	-	-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1	1	1	2119651-1	RAM, ASIAN STYLE, END FEED	140
-	1	1	1	1	2119092-2	BOLT, ADJUSTMENT	139
-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	REF	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	-	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	1-455888-0	SPACER, CRIMPER	82
-	1	1	1	1	2119956-2	DOCUMENTATION PACKAGE	71
-	2	2	2	2	2-18032-2	SCR, SET, FLT POINT M3 X 10.0	70
-	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	1901681-5	HOLDDOWN, TERMINAL	65
-	2	2	2	2	2168400-8	SHCS, LOW HEAD, RoHS, M4 X 16	64
-	1	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	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	-	-	1	2063961-1	FEED FINGER	58
-	3	3	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	56
-	2	2	2	2	5018030-2	NUT, HEX, REG, RoHS, M4	55
-	2	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	-	-	1	-	2119792-2	PAWL, EF, AIR	51
-	1	1	1	1	1-1976055-3	STANDOFF, HOLD-DOWN	50
-	-	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	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	2119644-1	RAM WASHER, PRECISION	38
-	7	7	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	29
-	1	1	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	2	2	1320906-1	STUD, THREADED	25
-	1	1	1	1	1752371-6	PLATE, STRIP GUIDE	24
-	1	1	1	1	240825-2	PLATE, STRIP HOLD DOWN	23
-	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1	1752373-1	DRAG	20
-	2	2	2	2	1901259-5	GUIDE, LOWER STRIP	18
	-	1	1	1	1752360-1	SPACER,HOLD-DOWN	13
	-	1	1	1	240833-2	PLATE, REAR SHEAR	11
	-	1	1	1	690495-4	PLATE, FRONT SHEAR	9
	1	1	1	1	1333219-3	ANVIL, COMBINATION	8
	-	1	1	1	690474-3	BLADE, SLUG	7
-	1	1	1	1	3-240641-5	SPACER	5
-	1	1	1	1	238009-1	BLOCK, FL CRIMPER SPACER	4
	1	1	1	1	2119582-3	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	1-455888-1	SPACER, CRIMPER	2
	1	1	1	1	1-456408-8	CRIMPER, WIRE PREMIUM	1
-77-27-25-22-21					PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LATEST REVISIONS. NO OTHER ORGANIZATION SHALL BE CONTACTED FOR THE LATEST REVISION.				OWN B. WEAVER	22NOV2011	 TE Connectivity Harrisburg, PA 17105-3608				
				CHK G. HOFFNER	22NOV2011					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T. ELBIN	22NOV2011	NAME		Ocean End Feed Applicator		
mm		0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.13 4 PLC ±0.0001		PRODUCT SPEC		-		-		
		FINISH		APPLICATION SPEC						
MATERIAL		-		WEIGHT		SIZE		CAGE CODE	DRAWING NO	
-		-		-		A1		00779	©=2150238	
Customer Accessible Production Drawing				SCALE		1:1	SHEET 3 of 4	REV A		

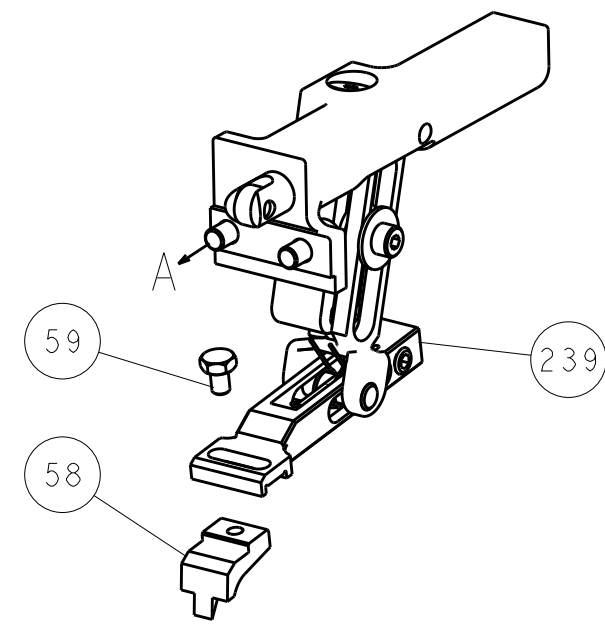
LOC		DIST		REVISIONS			
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



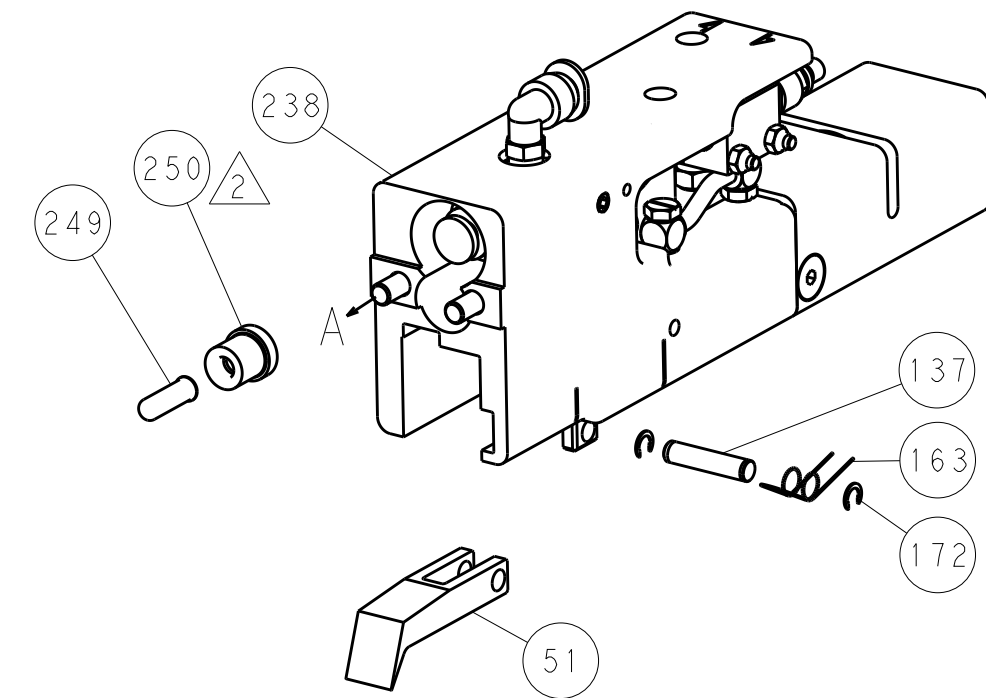
HOLDDOWN SET-UP



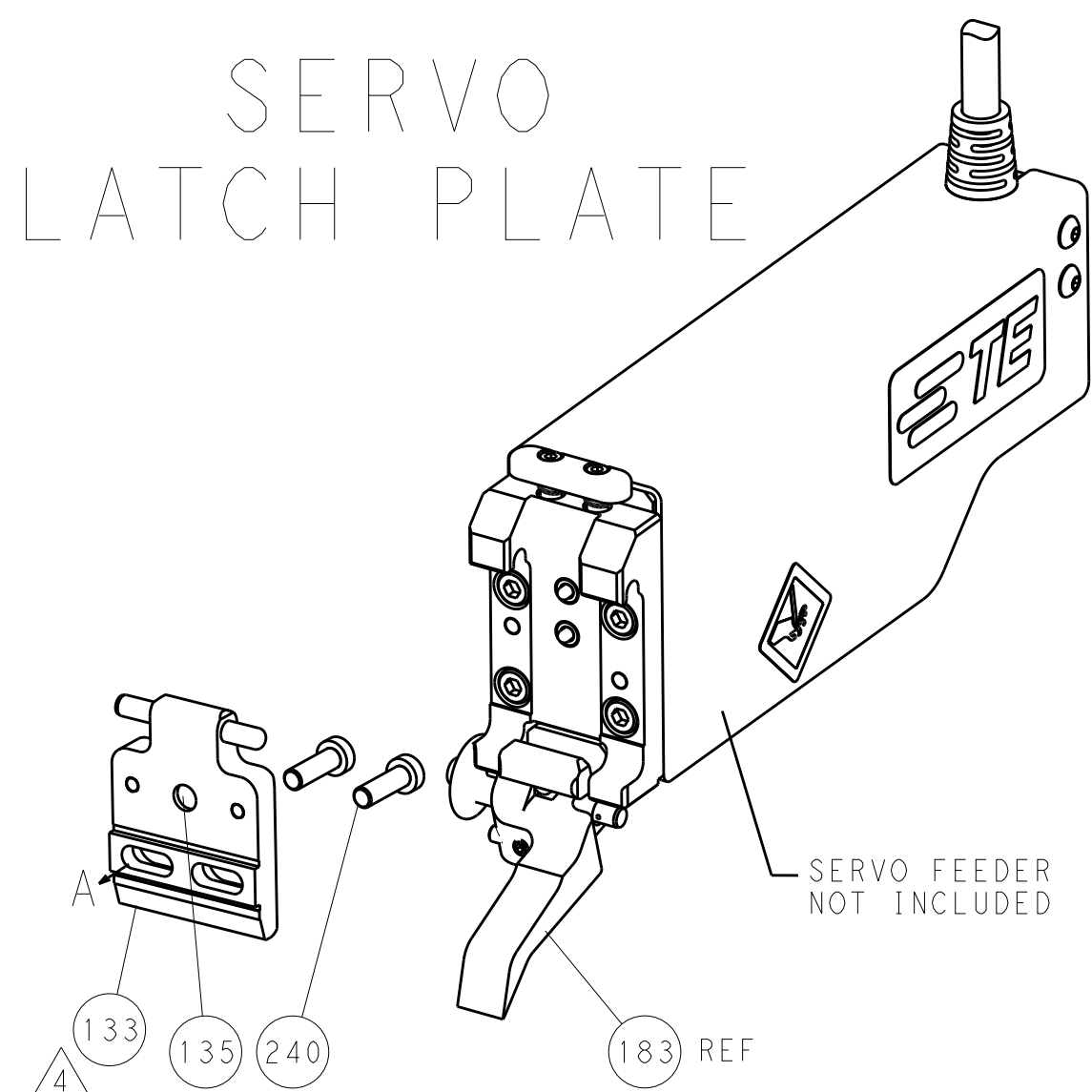
FEED TYPE
MECHANICAL



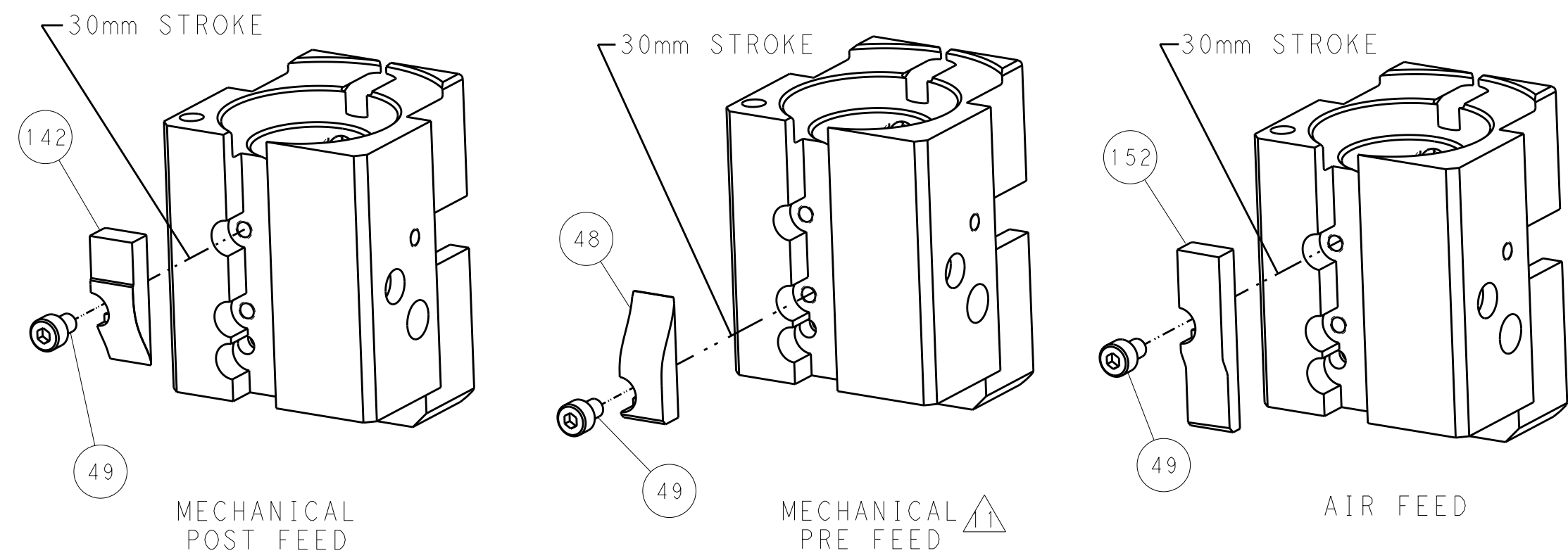
PNEUMATIC



SERVO
LATCH PLATE



CAM POSITIONS



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

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1		FINISH	
MATERIAL					
DWN B. WEAVER 22NOV2011		CHK G. HOFNER 22NOV2011		APVD T. ERLIN 22NOV2011	
PRODUCT SPEC		APPLICATION SPEC		WEIGHT	
NAME Ocean End Feed Applicator		SIZE CAGE CODE DRAWING NO A1 00779 C=2150238		RESTRICTED TO	
Customer Accessible Production Drawing		SCALE 1:1		SHEET 4 OF 4	
				REV A1	

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

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moschip.ru_9