

|                                                                   |                  |                          |  |
|-------------------------------------------------------------------|------------------|--------------------------|--|
| 8                                                                 |                  | 7                        |  |
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| (C) COPYRIGHT 20<br>ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER |                  |                          |  |
| PART NUMBER                                                       |                  | REVISION                 |  |
| 2266195-1                                                         |                  | A                        |  |
| 2266195-2                                                         |                  | A                        |  |
| 2266195-5                                                         |                  | A                        |  |
| 2266195-6                                                         |                  | A                        |  |
| 2266195-7                                                         |                  | A                        |  |
| 7-2266195-7                                                       |                  | A                        |  |
| DESCRIPTION                                                       |                  | DESCRIPTION              |  |
| FINE CRIMP HEIGHT ADJUST                                          |                  | FINE CRIMP HEIGHT ADJUST |  |
| FINE CRIMP HEIGHT ADJUST                                          |                  | FINE CRIMP HEIGHT ADJUST |  |
| FINE CRIMP HEIGHT ADJUST                                          |                  | FINE CRIMP HEIGHT ADJUST |  |
| NON-CRIMP HEIGHT ADJUST                                           |                  | NON-CRIMP HEIGHT ADJUST  |  |
| FINE CRIMP HEIGHT ADJUST                                          |                  | FINE CRIMP HEIGHT ADJUST |  |
| CRIMP TOOLING KIT                                                 |                  | CRIMP TOOLING KIT        |  |
|                                                                   |                  |                          |  |
| APPLICATOR DATA                                                   |                  |                          |  |
| CRIMP                                                             | SIZE             | TYPE                     |  |
| WIRE                                                              | 3.05 mm [ .120 ] | F                        |  |
| INSUL                                                             | 4.57 mm [ .180 ] | F                        |  |
| APPLICATOR INSTRUCTIONS                                           |                  |                          |  |
| 408-10389                                                         |                  |                          |  |

|                                  |  |                   |  |                              |  |                   |  |
|----------------------------------|--|-------------------|--|------------------------------|--|-------------------|--|
| TERMINAL DATA: SUMITOMO TERMINAL |  |                   |  | SUMITOMO CRIMP SPECIFICATION |  |                   |  |
| TERMINAL NAME: TERMINAL FEMALE   |  |                   |  |                              |  |                   |  |
| WIRE STRIP LENGTH                |  |                   |  | INSULATION DIAMETER RANGE    |  |                   |  |
| 4.83-5.59 mm [.190-.220 IN]      |  |                   |  | Ø 2.00-3.10mm [.079-.122 IN] |  |                   |  |
| TERMINAL APPLICATION             |  |                   |  | SUMITOMO SPEC                |  |                   |  |
| SPECIFICATION                    |  |                   |  |                              |  |                   |  |
| TERMINALS APPLIED                |  |                   |  |                              |  |                   |  |
| TE TERMINAL                      |  | SUMITOMO TERMINAL |  | TE TERMINAL                  |  | SUMITOMO TERMINAL |  |
| 2113418-1                        |  | 8240-4010         |  |                              |  |                   |  |

| WIRE SIZE |  | CRIMP HEIGHT<br>mm [ INCH ]  |  | CRIMP HEIGHT<br>REFERENCE SETTING |
|-----------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| 2.00mm2   |                                                                                     | 1.75+/-0.05 [ .069+/- .002 ] |                                                                                     | 4.9                               |
| 1.25mm2   |                                                                                     | 1.55+/-0.05 [ .061+/- .002 ] |                                                                                     | 6.8                               |
| 0.85mm2   |                                                                                     | 1.45+/-0.05 [ .057+/- .002 ] |                                                                                     | 7.9                               |
| 0.50mm2   |                                                                                     | 1.35+/-0.05 [ .053+/- .002 ] |                                                                                     | 9.0                               |



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: 8-2266195-4  
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266195-4  
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266195-5  
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2266195-6
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 & 242.  
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37 & 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 A NON CRIMP HEIGHT ADJUST APPLICATOR (-6) USE SHIMS FROM ITEM 260 TO ACHIEVE A NOMINAL SHIM HEIGHT OF 4.05.

|     |    |    |    |    |    |           |                                 |         |
|-----|----|----|----|----|----|-----------|---------------------------------|---------|
| -   | -  | 1  | -  | -  | -  | 2119957-2 | APPLICATOR SHIM PACK            | 260     |
| -   | 1  | -  | 1  | 1  | 1  | 8-21084-0 | O-RING, .676 ID, .070 DIA. MAT. | 252     |
| -77 | -7 | -6 | -5 | -2 | -1 | PART NO   | DESCRIPTION                     | ITEM NO |

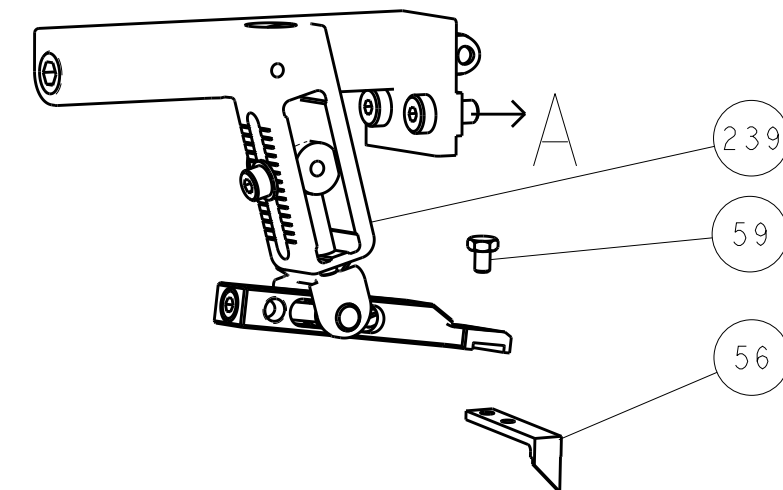
ATLANTIC VERSION  
Shown on sheets 1 of 4 & 2 of 4  
(Pacific version shown on sheets 3 of 4 & 4 of 4)

|                                                                                                                                                                                             |     |                                                     |     |                                                  |            |                                           |                                     |                                              |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|-----|--------------------------------------------------|------------|-------------------------------------------|-------------------------------------|----------------------------------------------|---------|
|                                                                                                                                                                                             |     |                                                     |     | 3                                                |            |                                           |                                     |                                              |         |
| SET UP GAUGE<br>2119599-1                                                                                                                                                                   |     |                                                     |     | LOC<br>A                                         | DIST<br>66 | REVISIONS                                 |                                     |                                              |         |
| P                                                                                                                                                                                           |     | LTR                                                 |     | DESCRIPTION                                      |            |                                           | DATE                                | DWN                                          | APVD    |
| 1                                                                                                                                                                                           |     |                                                     |     | DEVELOPMENT                                      |            |                                           | 13JAN2014                           | YY                                           | UG      |
| A                                                                                                                                                                                           |     |                                                     |     | RELEASED                                         |            |                                           | 14FEB2014                           | YY                                           | UG      |
|                                                                                                                                                                                             |     |                                                     |     |                                                  |            |                                           |                                     |                                              |         |
|                                                                                                                                                                                             |     |                                                     |     |                                                  |            |                                           |                                     |                                              |         |
|                                                                                                                                                                                             |     |                                                     |     |                                                  |            |                                           |                                     |                                              |         |
| -                                                                                                                                                                                           | -   | -                                                   | -   | 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     |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 2119082-3                                 | CAM, SNAIL, INSULATION ADJUSTMENT   |                                              | 244     |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 2079764-1                                 | WASHER, WAVE SPRING, CREST-TO-CREST |                                              | 243     |
| 6                                                                                                                                                                                           | -   | 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     |
| -                                                                                                                                                                                           | -   | -                                                   | -   | 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          | 2119740-1                                 | TAG,IDENTIFICATION                  |                                              | 67      |
| -                                                                                                                                                                                           | 2   | 2                                                   | 2   | 2                                                | 2          | 2168078-1                                 | SCREW, DRIVE, RH, RoHS, 2 x .188    |                                              | 66      |
| 6                                                                                                                                                                                           | -   | 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                                                | 1          | 5-18022-5                                 | SCR, HEX HD CAP, M4 X 6.0           |                                              | 59      |
| -                                                                                                                                                                                           | -   | -                                                   | -   | 1                                                | 1          | 1338685-1                                 | PAWL, FEED                          |                                              | 56      |
| -                                                                                                                                                                                           | 4   | 4                                                   | 4   | 4                                                | 4          | 2168400-1                                 | SHCS, LOW HEAD, RoHS, M4 X 12       |                                              | 54      |
| -                                                                                                                                                                                           | 2   | 2                                                   | 2   | 2                                                | 2          | 1-2168083-0                               | SCR, SKT HD CAP, RoHS, M4 X 10      |                                              | 53      |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 5018030-1                                 | NUT, HEX, REG, RoHS, M3             |                                              | 52      |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 811242-5                                  | BUMPER, HOLD DOWN                   |                                              | 51      |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 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          | 2119653-1                                 | FEED CAM, POST FEED                 |                                              | 47      |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 2119656-9                                 | 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      |
| 6                                                                                                                                                                                           | -   | 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          | 1752356-3                                 | 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          | 1320908-7                                 | SPACER, STRIP GUIDE                 |                                              | 30      |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 2119959-1                                 | 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          | 1-356885-3                                | 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                                                | 1          | 4-1633932-9                               | ANVIL, COMBINATION                  |                                              | 8       |
| -                                                                                                                                                                                           | -   | -                                                   | -   | -                                                | -          | -                                         | -                                   |                                              | 7       |
| -                                                                                                                                                                                           | -   | -                                                   | -   | -                                                | -          | -                                         | -                                   |                                              | 6       |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 2119757-4                                 | DEPRESSOR, SHEAR                    |                                              | 5       |
| 1                                                                                                                                                                                           | -   | 1                                                   | 1   | 1                                                | 1          | 2-238011-1                                | BLOCK, CRIMPER SPACER               |                                              | 4       |
| 1                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 2119582-3                                 | CRIMPER, INSULATION F PREMIUM       |                                              | 3       |
| -                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 1-455888-6                                | SPACER, CRIMPER                     |                                              | 2       |
| 1                                                                                                                                                                                           | 1   | 1                                                   | 1   | 1                                                | 1          | 2-456409-1                                | CRIMPER, WIRE .120 "F" PREMIUM      |                                              | 1       |
| -77                                                                                                                                                                                         | -7  | -6                                                  | -5  | -2                                               | -1         | PART NO                                   |                                     | DESCRIPTION                                  | ITEM NO |
| PART DRAWING IS A CONSULTANT DOCUMENT FOR THE CLIENT'S ORGANIZATION<br>IT IS SUBJECT TO CHANGE AND THE CONSULTING/ENGINEERING ORGANIZATION<br>SHOULD BE CONTACTED FOR THE LATEST REVISIONS. |     |                                                     |     |                                                  |            |                                           |                                     |                                              |         |
| DIMENSIONS:                                                                                                                                                                                 |     | TOLERANCES UNLESS OTHERWISE SPECIFIED:              |     | DWN<br>Y YIN<br>CHK<br>G.BAILEY<br>APVD<br>J.GUO |            | 13JAN2014<br>13JAN2014<br>13JAN2014       |                                     | TE Connectivity<br>Harrisburg, PA 17105-3608 |         |
| mm                                                                                                                                                                                          |     | 0 PLC<br>1 PLC<br>2 PLC<br>3 PLC<br>4 PLC<br>ANGLES |     | ±.5<br>±0.13<br>±0.013<br>±0.0001                |            | PRODUCT SPEC<br>APPLICATION SPEC          |                                     | NAME<br>Ocean Side Feed<br>Applicator        |         |
| MATERIAL                                                                                                                                                                                    |     | FINISH                                              |     | WEIGHT                                           |            | SIZE<br>A                                 |                                     | CAGE CODE<br>00779                           |         |
|                                                                                                                                                                                             |     |                                                     |     |                                                  |            | DRAWING NO<br>C=2266195                   |                                     | RESTRICTED TO                                |         |
|                                                                                                                                                                                             |     |                                                     |     |                                                  |            | Customer Accessible<br>Production Drawing |                                     | SCALE<br>1:2                                 |         |
|                                                                                                                                                                                             |     |                                                     |     |                                                  |            | SHEET<br>1                                |                                     | OF<br>4                                      |         |
|                                                                                                                                                                                             |     |                                                     |     |                                                  |            | REV<br>A                                  |                                     |                                              |         |

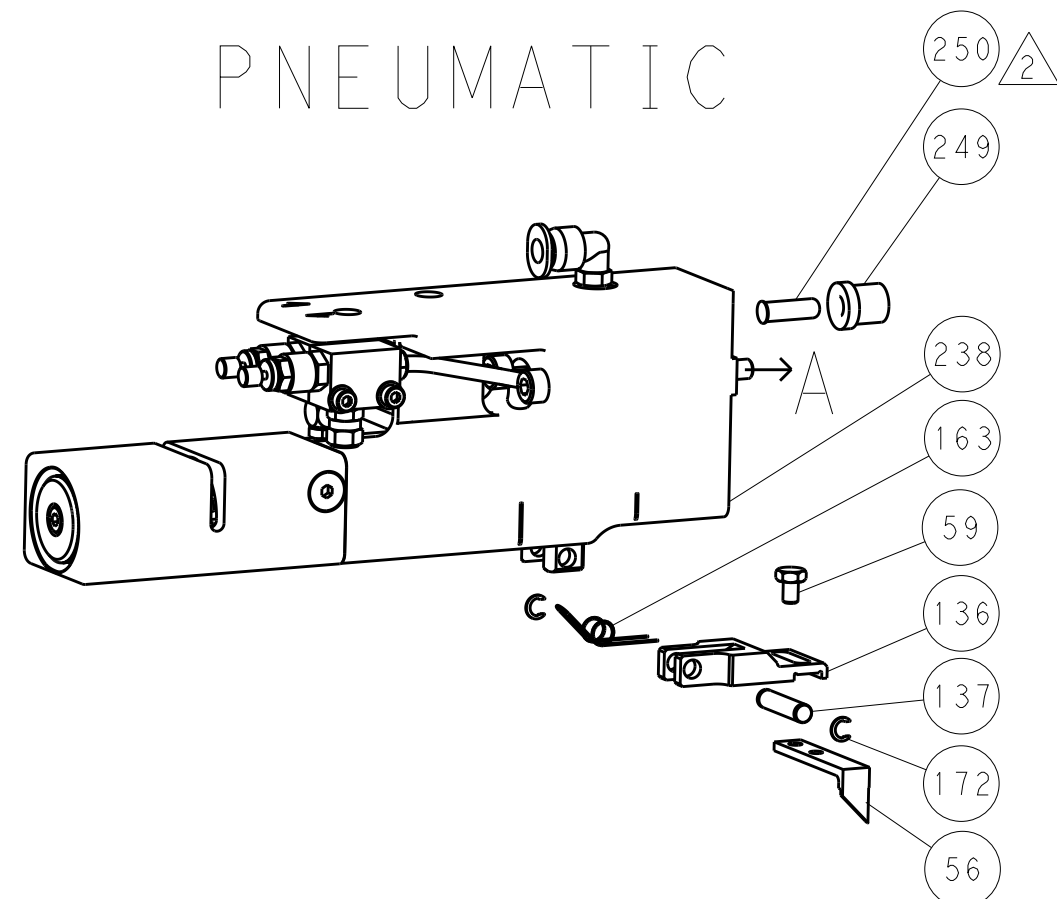


| LOC |    | DIST |     | REVISONS    |      |     |      |
|-----|----|------|-----|-------------|------|-----|------|
| A   | 66 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |    | -    |     | SEE SHEET 1 | -    | -   | -    |
|     |    |      |     |             |      |     |      |
|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

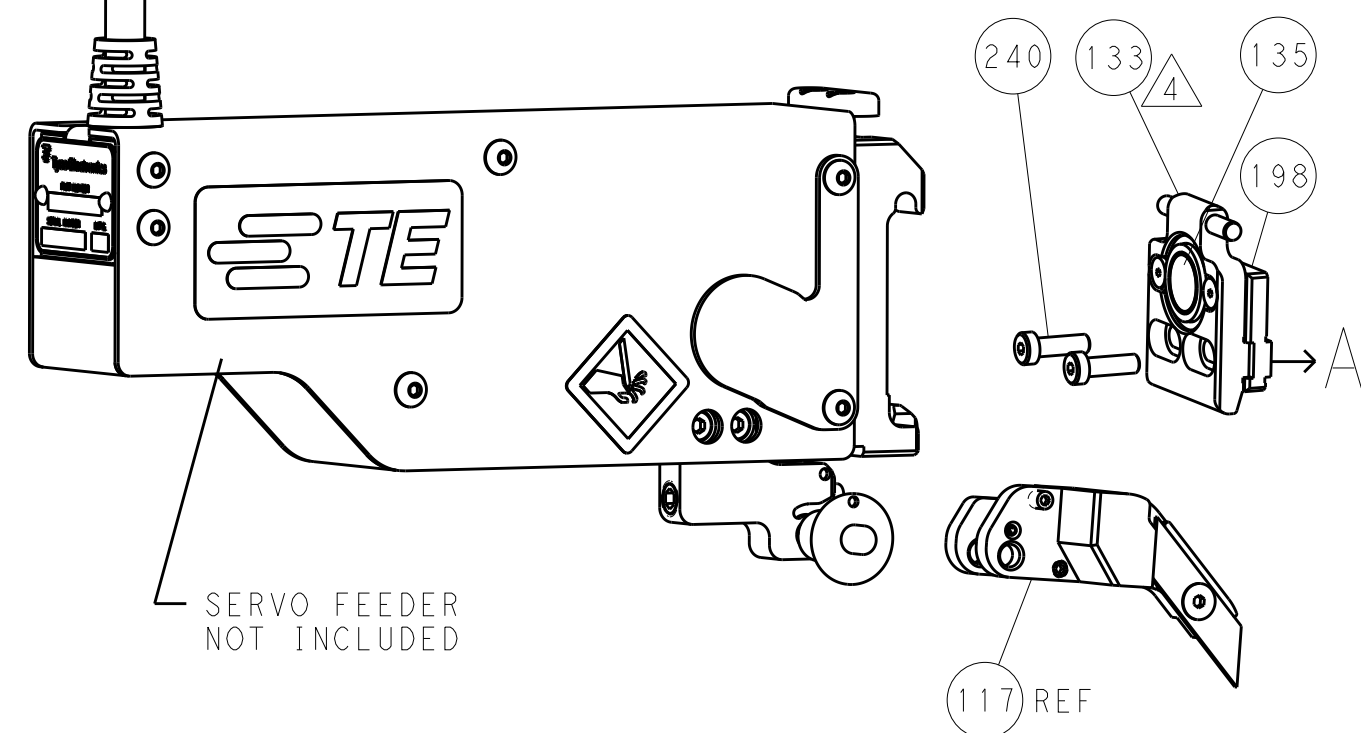
FEED TYPE  
MECHANICAL



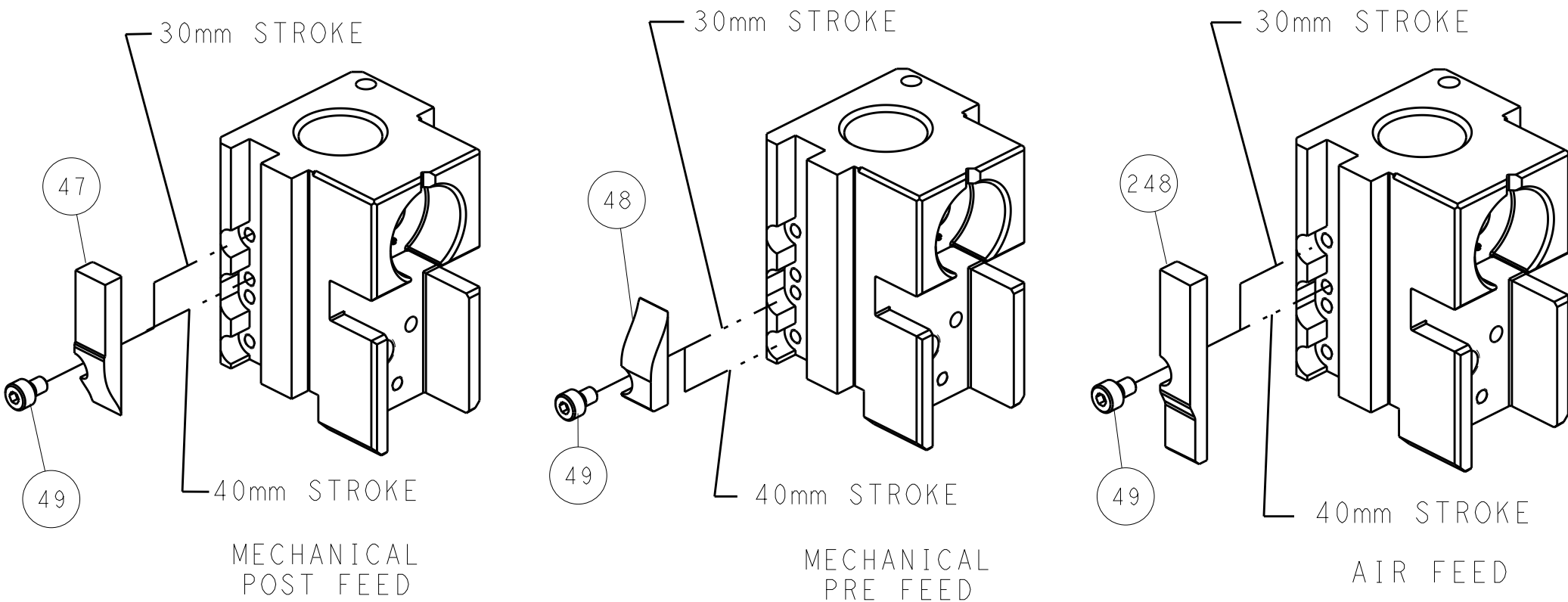
PNEUMATIC



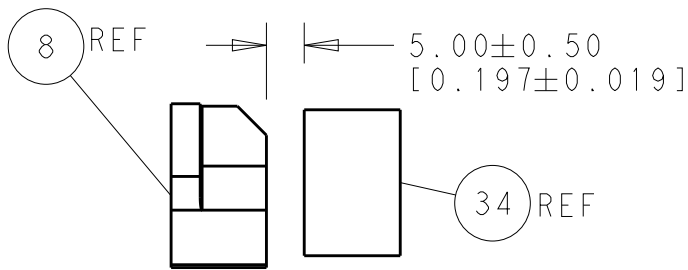
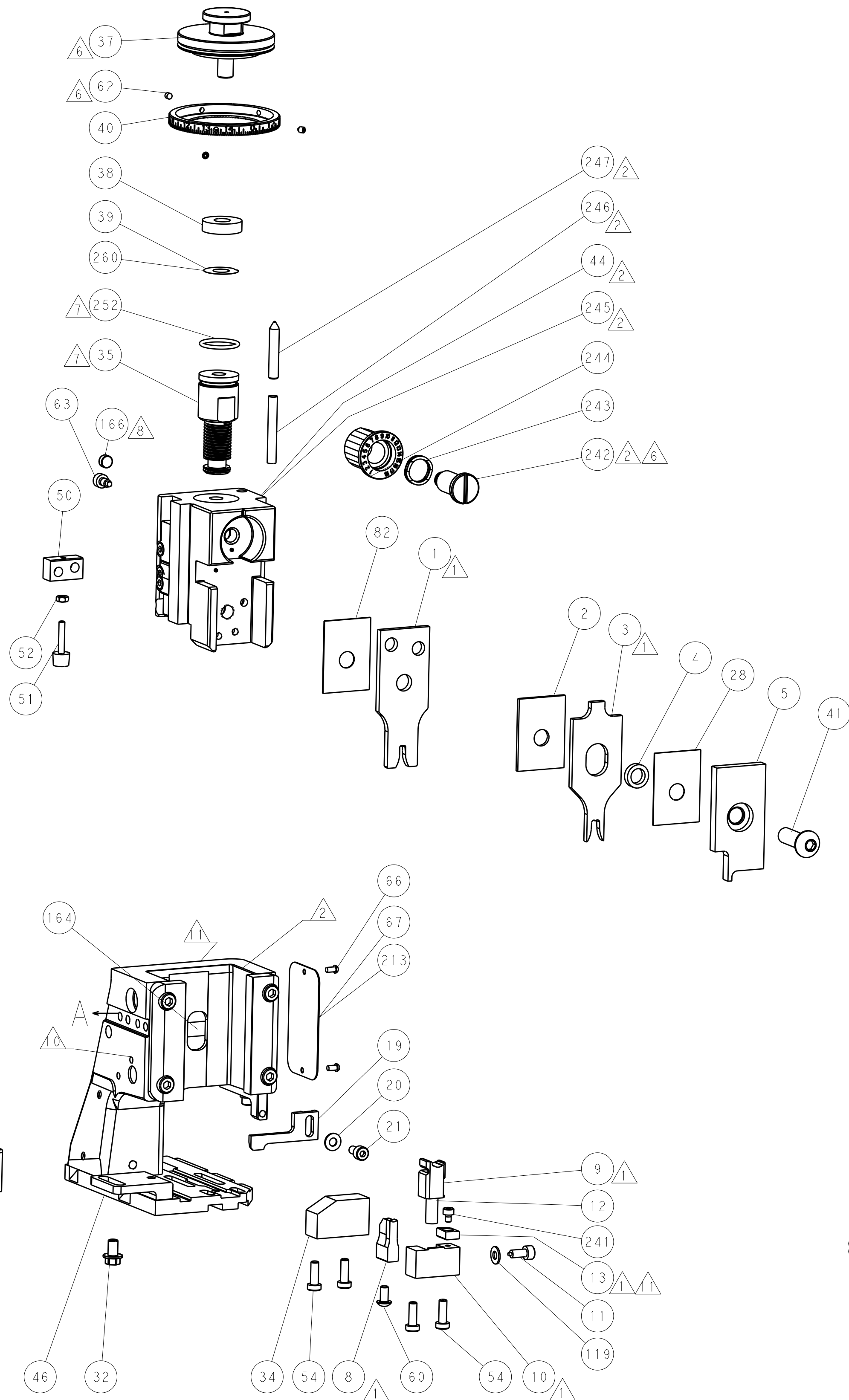
SERVO  
LATCH PLATE



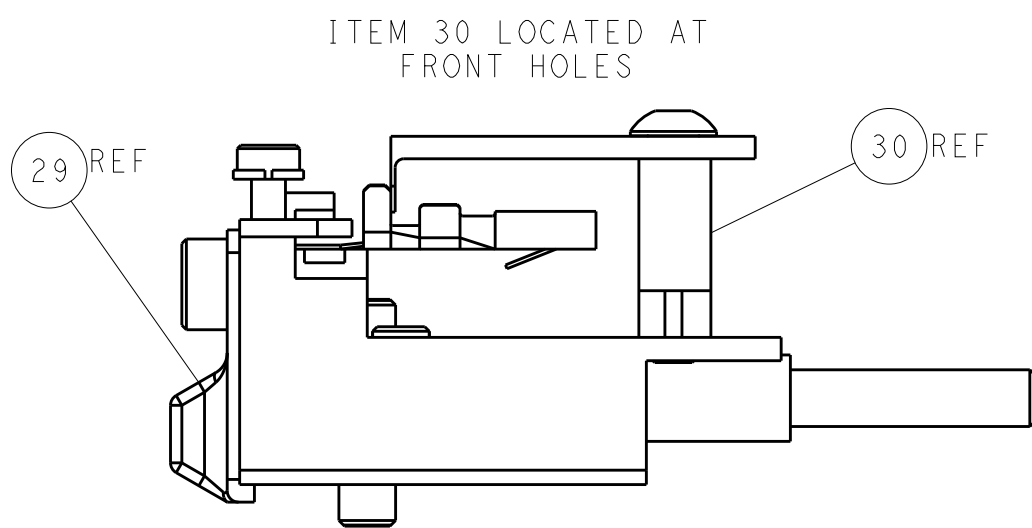
CAM POSITIONS



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



TERMINAL SUPPORT LOCATION



FEED TRACK POSITION  
GUIDE BY INSULATION BARREL

|             |  |                                                                         |  |                      |  |                                        |  |                       |  |                                 |  |
|-------------|--|-------------------------------------------------------------------------|--|----------------------|--|----------------------------------------|--|-----------------------|--|---------------------------------|--|
| DIMENSIONS: |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                  |  | DWN Y. YIN 13JAN2014 |  | CHK G. BAILEY 13JAN2014                |  | APVD J. GUO 13JAN2014 |  | NAME Ocean Side Feed Applicator |  |
| mm          |  | 0 PLC ±.5<br>1 PLC ±0.5<br>2 PLC ±0.13<br>3 PLC ±0.013<br>4 PLC ±0.0001 |  | PRODUCT SPEC         |  | APPLICATION SPEC                       |  | SIZE A1               |  | CAGE CODE 00779                 |  |
| MATERIAL    |  | FINISH                                                                  |  | WEIGHT               |  | Customer Accessible Production Drawing |  | SCALE 1:2             |  | SHEET 2 of 4                    |  |
|             |  |                                                                         |  |                      |  |                                        |  |                       |  | REV A                           |  |

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION



| PACIFIC VERSION<br>TERMINATOR<br>INTERFACE ADAPTER | PART<br>NUMBER | REVISION | DESCRIPTION              | FEED TYPE                         | APPLICATOR STYLE CONVERSION CHART |                       |           |             |           |           |                        |   |
|----------------------------------------------------|----------------|----------|--------------------------|-----------------------------------|-----------------------------------|-----------------------|-----------|-------------|-----------|-----------|------------------------|---|
|                                                    |                |          |                          |                                   | CONVERT TO                        | PART NUMBERS REQUIRED |           |             |           |           |                        |   |
|                                                    |                |          |                          |                                   |                                   |                       |           |             |           |           |                        |   |
|                                                    | 2-2266195-1    | A        | FINE CRIMP HEIGHT ADJUST | MECHANICAL                        | PNEUMATIC FEED                    | 2119950-1             | 1338685-1 | 5-18022-5   | 2119641-2 | 2119799-1 | 2063440-1              |   |
|                                                    |                |          |                          |                                   | SERVO LATCH PLATE                 | 2119951-1             | -         | 8-2266195-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |   |
|                                                    |                |          |                          |                                   | SMART APPLICATOR                  | 2161326-1             | -         | 8-2266195-4 | -         | -         | -                      |   |
|                                                    | 2-2266195-2    | A        | FINE CRIMP HEIGHT ADJUST | PNEUMATIC                         | MECHANICAL FEED                   | 2119949-1             | 1338685-1 | 5-18022-5   | 2119653-2 | -         | -                      |   |
|                                                    |                |          |                          |                                   | SERVO LATCH PLATE                 | 2119951-1             | -         | 8-2266195-5 | 1901094-3 | -         | 2168400-6 (QUANTITY 2) |   |
|                                                    |                |          |                          |                                   | SMART APPLICATOR                  | 2161326-1             | -         | 8-2266195-4 | -         | -         | -                      |   |
|                                                    | 2-2266195-5    | A        | FINE CRIMP HEIGHT ADJUST | SERVO<br>LATCH PLATE <sup>4</sup> | MECHANICAL FEED                   | 2119949-1             | 1338685-1 | 5-18022-5   | 2119653-2 | -         | -                      |   |
|                                                    |                |          |                          |                                   | PNEUMATIC FEED                    | 2119950-1             | 1338685-1 | 5-18022-5   | 2119641-2 | 2119799-1 | 2063440-1              |   |
|                                                    | 2-2266195-7    | A        | FINE CRIMP HEIGHT ADJUST | NONE                              | -                                 | -                     | -         | -           | -         | -         | -                      | - |
|                                                    | 7-2266195-7    | A        | CRIMP TOOLING KIT        | -                                 | -                                 | -                     | -         | -           | -         | -         | -                      | - |

| APPLICATOR DATA                      |                |      |
|--------------------------------------|----------------|------|
| CRIMP                                | SIZE           | TYPE |
| WIRE                                 | 3.05 mm [.120] | F    |
| INSUL                                | 4.57 mm [.180] | F    |
| APPLICATOR INSTRUCTIONS<br>408-10389 |                |      |

|                                                             |                   |                                                           |                   |
|-------------------------------------------------------------|-------------------|-----------------------------------------------------------|-------------------|
| TERMINAL DATA: SUMITOMO TERMINASUMITOMO CRIMP SPECIFICATION |                   |                                                           |                   |
| TERMINAL NAME: TERMINAL FEMALE                              |                   |                                                           |                   |
| WIRE STRIP LENGTH<br>4.83-5.59 mm [.190-.220 IN]            |                   | INSULATION DIAMETER RANGE<br>Ø 2.00-3.10mm [.079-.122 IN] |                   |
| TERMINAL APPLICATION SPECIFICATION                          | SUMITOMO SPEC     | -                                                         | -                 |
| TERMINALS APPLIED                                           | -                 | -                                                         | -                 |
| TE TERMINAL                                                 | SUMITOMO TERMINAL | TE TERMINAL                                               | SUMITOMO TERMINAL |
| 2113418-1                                                   | 8240-4010         |                                                           |                   |

| WIRE SIZE |  | CRIMP HEIGHT mm [INCH]     |  | CRIMP HEIGHT REFERENCE SETTING <sup>9</sup> |
|-----------|--|----------------------------|--|---------------------------------------------|
| 2.00mm2   |  | 1.75+/-0.05 [.069+/- .002] |  | 4.9                                         |
| 1.25mm2   |  | 1.55+/-0.05 [.061+/- .002] |  | 6.8                                         |
| 0.85mm2   |  | 1.45+/-0.05 [.057+/- .002] |  | 7.9                                         |
| 0.50mm2   |  | 1.35+/-0.05 [.053+/- .002] |  | 9.0                                         |



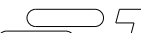
- <sup>1</sup> RECOMMENDED SPARE PARTS
- <sup>2</sup> GREASE BEARING SURFACES LIGHTLY
3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- <sup>4</sup> APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:  
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266195-4  
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266195-4  
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266195-5
5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- <sup>6</sup> APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62 & 242.
- <sup>7</sup> GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.
- <sup>8</sup> MAGNET MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- <sup>9</sup> 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.
- <sup>10</sup> SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- <sup>11</sup> TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

\*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.

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

|                           |  |          |            |           |     |             |  |      |     |      |
|---------------------------|--|----------|------------|-----------|-----|-------------|--|------|-----|------|
|                           |  |          | 2          |           | 1   |             |  |      |     |      |
| SET UP GAUGE<br>2119599-1 |  | LOC<br>A | DIST<br>66 | REVISIONS |     |             |  |      |     |      |
|                           |  |          |            | P         | LTR | DESCRIPTION |  | DATE | OWN | APVD |
|                           |  |          |            |           | -   | SEE SHEET 1 |  | -    | -   | -    |
|                           |  |          |            |           |     |             |  |      |     |      |
|                           |  |          |            |           |     |             |  |      |     |      |
|                           |  |          |            |           |     |             |  |      |     |      |
|                           |  |          |            |           |     |             |  |      |     |      |

|   |     |     |     |     |             |                                     |     |
|---|-----|-----|-----|-----|-------------|-------------------------------------|-----|
| - | 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 |
| - | 1   | 1   | 1   | 1   | 2119082-3   | 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 |
| - | -   | 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   | -   | -   | 2119740-2   | TAG,IDENTIFICATION                  | 213 |
| - | -   | 1   | -   | -   | 1901094-3   | SPACER, FEEDER                      | 198 |
| - | -   | -   | 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.     | 152 |
| - | -   | -   | 1   | -   | 2119641-2   | FEED CAM, AIR FEED                  | 151 |
| - | 1   | 1   | 1   | 1   | 2119798-2   | DETENT PIN                          | 145 |
| - | 1   | 1   | 1   | 1   | 2079383-8   | SCR, BHSC, RoHS (M4 X 16)           | 144 |
| - | 4   | 4   | 4   | 4   | 2168400-5   | SHCS, LOW HEAD, RoHS, M4 X 20       | 143 |
| - | -   | -   | -   | 1   | 2119653-2   | FEED CAM, POST FEED                 | 142 |
| - | 1   | 1   | 1   | 1   | 1-2119656-0 | APPLICATOR BASIC ASSEMBLY, SF       | 141 |
| - | 1   | 1   | 1   | 1   | 2119650-1   | RAM, ASIAN STYLE, SIDE FEED         | 140 |
| - | 1   | 1   | 1   | 1   | 2119092-2   | BOLT, ADJUSTMENT                    | 139 |
| - | -   | -   | 1   | -   | 3-23627-7   | PIN, RETAIN, GRVD, 3/16 X .854      | 137 |
| - | -   | -   | 1   | -   | 2119799-1   | HOLDER,FEED FINGER, AF              | 136 |
| - | -   | REF | -   | -   | SEE NOTE 4  | MEMORY CHIP, PROGRAMMED             | 135 |
| - | -   | 1   | -   | -   | 1633743-1   | SERVO FEED LATCH ASM                | 133 |
| - | 1   | 1   | 1   | 1   | 1-18028-2   | WASHER, FLAT, REG M4                | 119 |
| - | -   | REF | -   | -   | 2119944-1   | FEED FINGER ASSEMBLY,SF             | 117 |
| - | 1   | 1   | 1   | 1   | 455888-5    | SPACER, CRIMPER                     | 82  |
| - | 1   | 1   | 1   | 1   | 2119956-1   | DOCUMENTATION PACKAGE               | 71  |
| - | 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   | 2119793-1   | LIMITER, ADJUSTMENT BOLT            | 63  |
| - | 3   | 3   | 3   | 3   | 992763-5    | SCR, SET, SOC, CONE POINT, M3 x 4.0 | 62  |
| - | -   | -   | 1   | 1   | 5-18022-5   | SCR, HEX HD CAP, M4 X 6.0           | 59  |
| - | -   | -   | 1   | 1   | 1338685-1   | PAWL, FEED                          | 56  |
| - | 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   | 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   | 1-2119644-2 | RAM WASHER, PRECISION               | 38  |
| - | 1   | 1   | 1   | 1   | 1752356-3   | SUPPORT, TERMINAL                   | 34  |
| - | 2   | 2   | 2   | 2   | 2079383-5   | SCR, BHSC, RoHS (M4 X 20)           | 33  |
| - | 1   | 1   | 1   | 1   | 2161328-1   | HEX HEAD, FLANGED, M5 x 8mm LONG    | 32  |
| - | 1   | 1   | 1   | 1   | 1320908-7   | SPACER, STRIP GUIDE                 | 30  |
| - | 1   | 1   | 1   | 1   | 2119959-1   | ASSEMBLY, STRIP GUIDE               | 29  |
| - | 1   | 1   | 1   | 1   | 455888-3    | SPACER, CRIMPER                     | 28  |
| - | 1   | 1   | 1   | 1   | 1320928-2   | STRIP GUIDE                         | 24  |
| - | 1   | 1   | 1   | 1   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 21  |
| - | 1   | 1   | 1   | 1   | 1-18028-2   | WASHER, FLAT, REG M4                | 20  |
| - | 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   | 1-356885-3  | STOP, SHEAR                         | 11  |
| - | 1   | 1   | 1   | 1   | 2119805-1   | SHEAR HOLDER, FRONT                 | 10  |
| - | 1   | 1   | 1   | 1   | 318707-1    | FLOATING SHEAR, FRONT               | 9   |
| - | 1   | 1   | 1   | 1   | 4-1633932-9 | ANVIL, COMBINATION                  | 8   |
| - | -   | -   | -   | -   | -           | -                                   | 7   |
| - | -   | -   | -   | -   | -           | -                                   | 6   |
| - | 1   | 1   | 1   | 1   | 2119757-4   | DEPRESSOR, SHEAR                    | 5   |
| - | 1   | 1   | 1   | 1   | 2-238011-1  | BLOCK, CRIMPER SPACER               | 4   |
| - | 1   | 1   | 1   | 1   | 2119582-3   | CRIMPER, INSULATION F PREMIUM       | 3   |
| - | 1   | 1   | 1   | 1   | 1-455888-6  | SPACER, CRIMPER                     | 2   |
| - | 1   | 1   | 1   | 1   | 2-456409-1  | CRIMPER, WIRE .120 "F" PREMIUM      | 1   |

|                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |  |  |                                        |  |                                                                                                                                    |  |                                       |  |            |  |               |  |   |  |     |  |   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|----------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|------------|--|---------------|--|---|--|-----|--|---|--|
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| <div>DIMENSIONS:<br/>mm</div> <div></div>                                                                                                                                                           |  |  |  |  |  |  |  |  |  | CHK<br>G. BAILEY<br>13JAN2014          |  |                                                                                                                                    |  | NAME<br>Ocean Side Feed<br>Applicator |  |            |  |               |  |   |  |     |  |   |  |
|                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | APVD<br>J. GUO<br>13JAN2014            |  |                                                                                                                                    |  |                                       |  |            |  |               |  |   |  |     |  |   |  |
|                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  |                                                                                                                                    |  |                                       |  |            |  |               |  |   |  |     |  |   |  |
|                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | PRODUCT SPEC                           |  |                                                                                                                                    |  |                                       |  |            |  |               |  |   |  |     |  |   |  |
| <div>0 PLC ±.5<br/>1 PLC ±0.13<br/>3 PLC ±0.13<br/>4 PLC ±0.0013<br/>5 PLC ±0.0001<br/>ANGLES ±.5</div>                                                                                                                                                                                  |  |  |  |  |  |  |  |  |  | APPLICATION SPEC                       |  | SIZE                                                                                                                               |  | CAGE CODE                             |  | DRAWING NO |  | RESTRICTED TO |  |   |  |     |  |   |  |
|                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | MATERIAL                               |  | WEIGHT                                                                                                                             |  | A1                                    |  | 00779      |  | C=2266195     |  |   |  |     |  |   |  |
| Customer Accessible Production Drawing                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  | SCALE                                  |  | 1:2                                                                                                                                |  | SHEET                                 |  | 3          |  | OF            |  | 4 |  | REV |  | A |  |



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

D

C

B

A

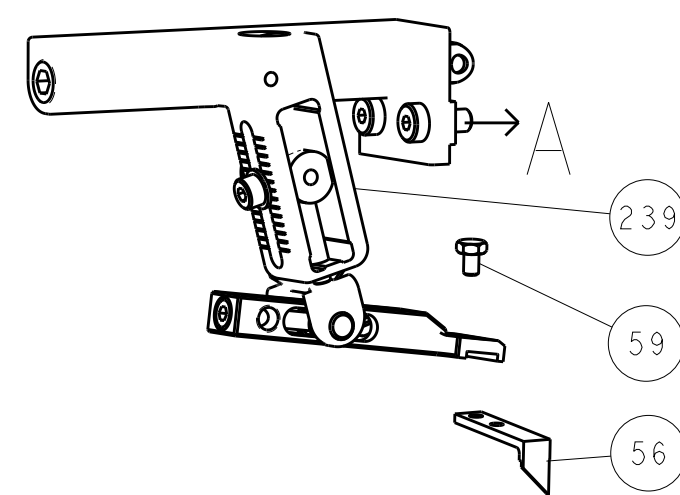
D

C

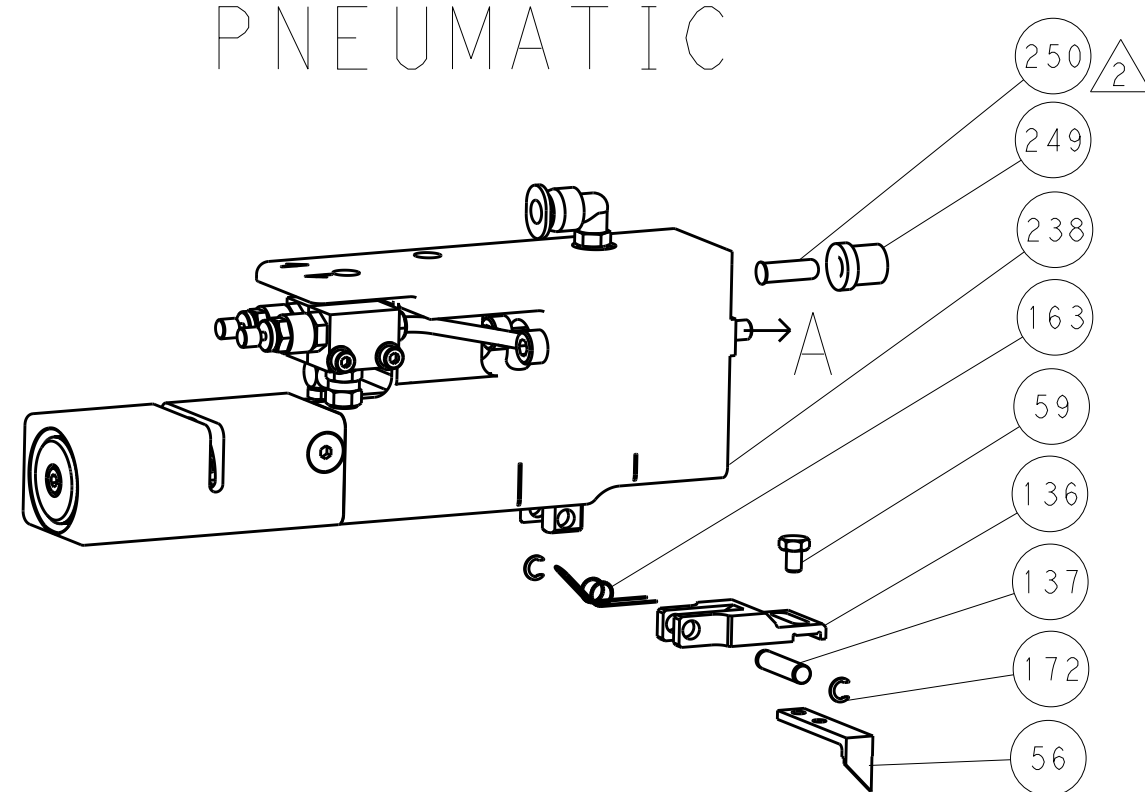
B

A

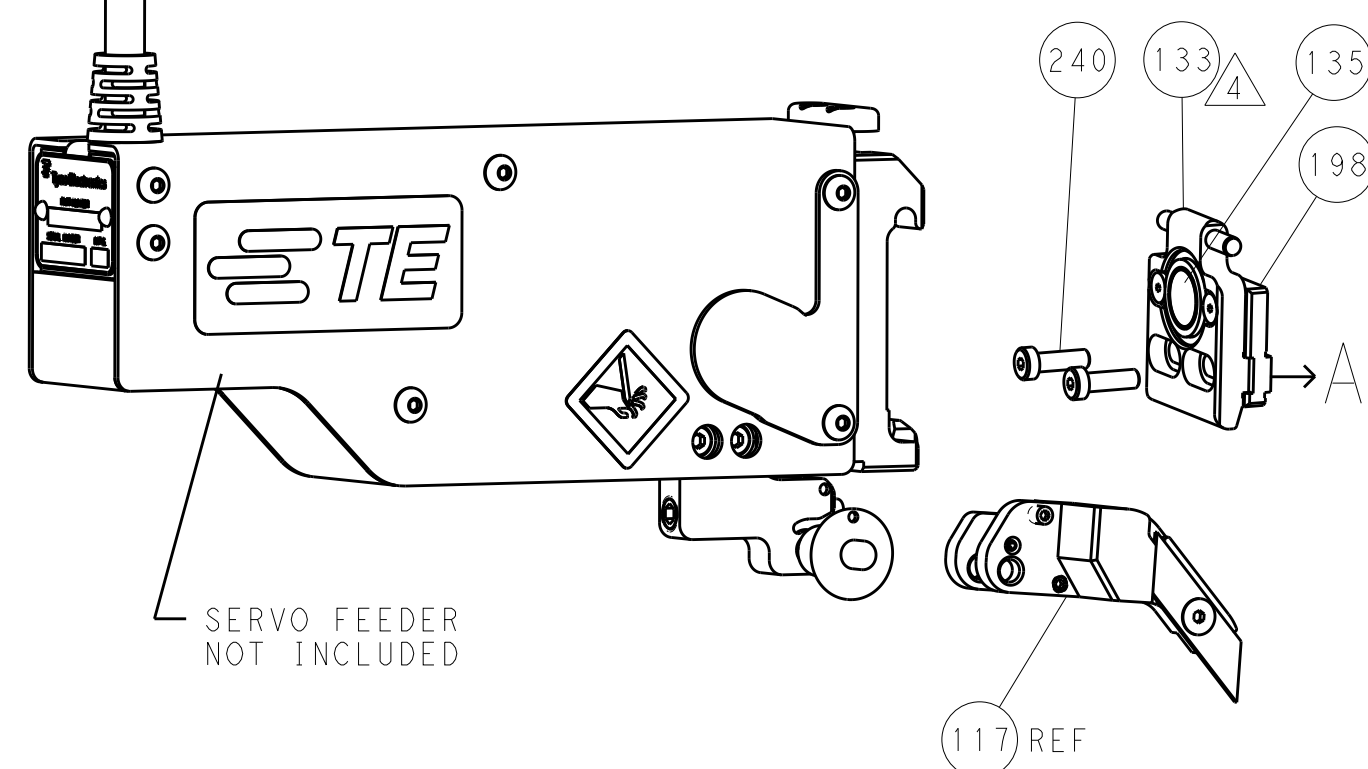
## FEED TYPE MECHANICAL



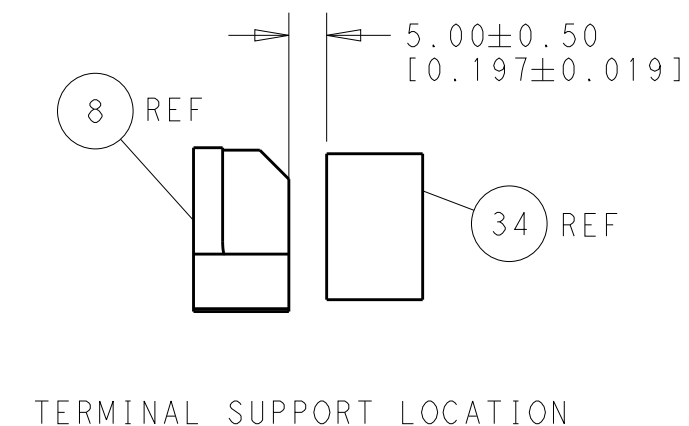
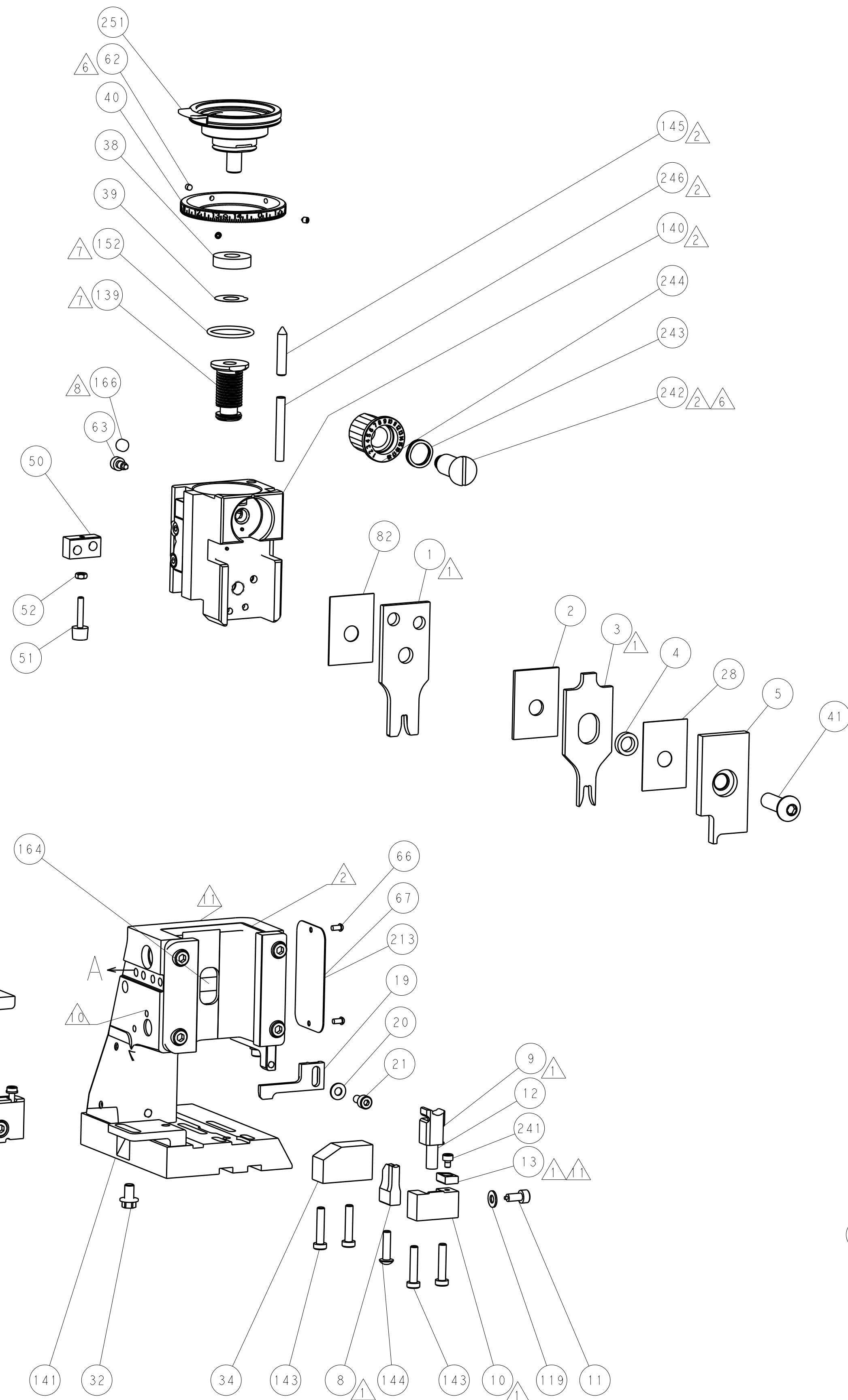
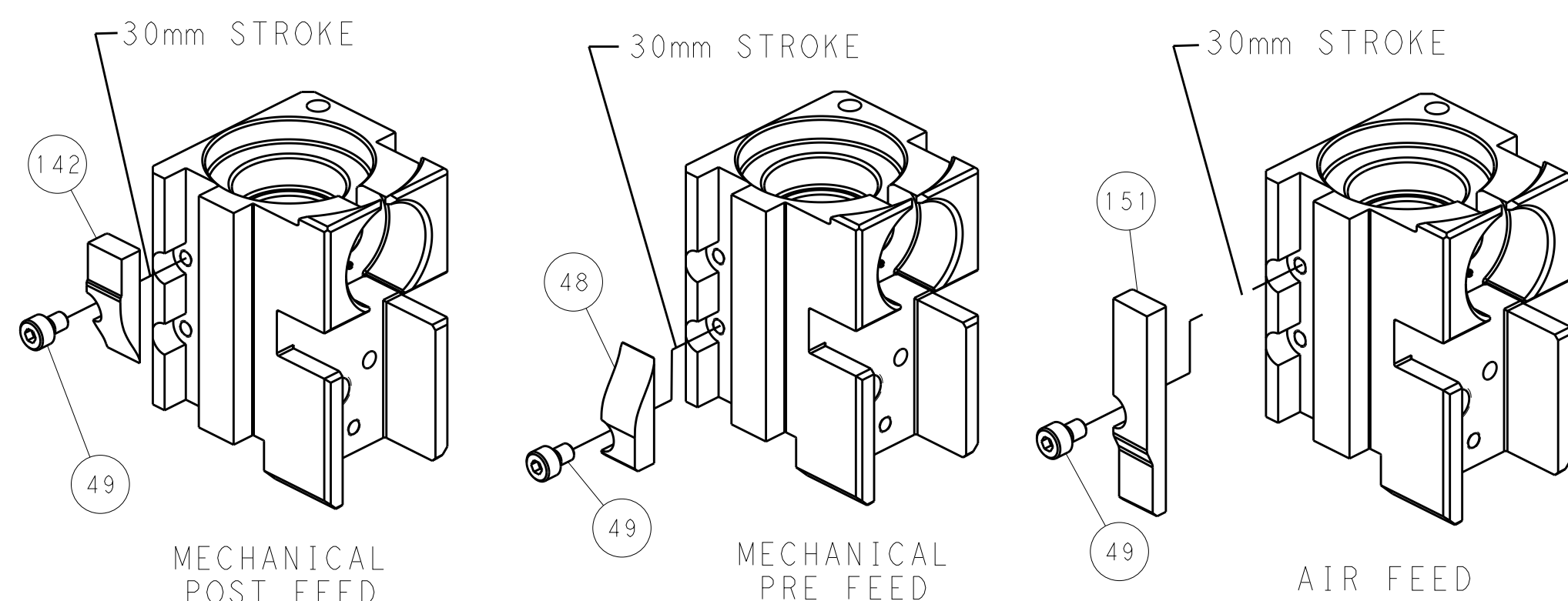
## PNEUMATIC



## SERVO LATCH PLATE

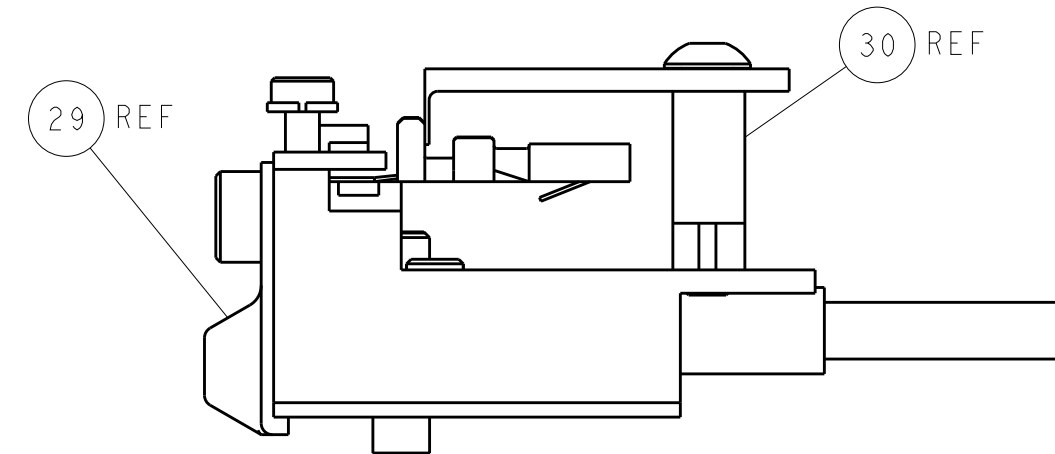


## CAM POSITIONS



TERMINAL SUPPORT LOCATION

ITEM 30 LOCATED AT  
FRONT HOLES



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)

|                                                                                                                                              |  |                               |                                              |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|----------------------------------------------|--------------------|
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| DIMENSIONS:<br>mm                                                                                                                            |  | CHK<br>G. BAILEY<br>13JAN2014 | NAME<br>Ocean Side Feed<br>Applicator        |                    |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>0 PLC ±.5<br>1 PLC ±0.13<br>2 PLC ±0.13<br>3 PLC ±0.013<br>4 PLC ±0.001<br>ANGLES ±.1           |  | APVD<br>H. GUO<br>13JAN2014   | PRODUCT SPEC<br>APPLICATION SPEC             |                    |
| MATERIAL                                                                                                                                     |  | WEIGHT                        | SIZE<br>A11                                  | CAGE CODE<br>00779 |
|                                                                                                                                              |  |                               | DRAWING NO<br>C=2266195                      | RESTRICTED TO<br>- |
|                                                                                                                                              |  |                               | Customer Accessible Production Drawing       | SCALE<br>1:2       |
|                                                                                                                                              |  |                               | SHEET<br>4                                   | OF 4               |
|                                                                                                                                              |  |                               | REV<br>A                                     |                    |

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION