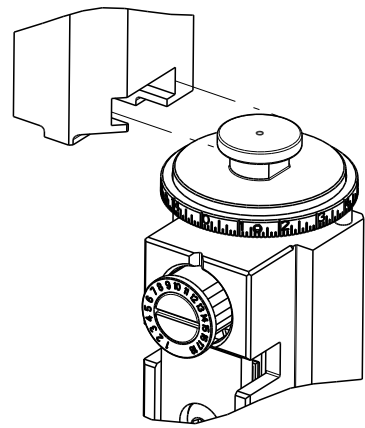
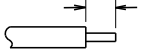


|                                                                        |          |                                           |            |
|------------------------------------------------------------------------|----------|-------------------------------------------|------------|
| 8                                                                      |          | 7                                         |            |
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| PART<br>NUMBER                                                         | REVISION | DESCRIPTION                               | FEED TYPE  |
| 2151496-1                                                              | U        | FINE CRIMP HEIGHT ADJUST                  | MECHANICAL |
| 2151496-2                                                              | U        | FINE CRIMP HEIGHT ADJUST                  | PNEUMATIC  |
| 5-2151496-1                                                            | U        | SEAL STRIPPER CRIMPER<br>TERMINATING UNIT | MECHANICAL |
| 5-2151496-2                                                            | U        | SEAL STRIPPER CRIMPER<br>TERMINATING UNIT | PNEUMATIC  |
| 7-2151496-7                                                            | J        | CRIMP TOOLING KIT                         | -          |

ATLANTIC VERSION TERMINATOR  
INTERFACE ADAPTER



| APPLICATOR DATA                      |                |      |
|--------------------------------------|----------------|------|
| CRIMP                                | SIZE           | TYPE |
| WIRE                                 | 1.40 mm [.055] | F    |
| INSUL                                | 1.57 mm [.062] | O    |
| APPLICATOR INSTRUCTIONS<br>408-35042 |                |      |

|                                                                                                     |  |                                                                                   |                              |
|-----------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|------------------------------|
| TERMINAL DATA: TE TERMINAL                                                                          |  | TE CRIMP SPECIFICATION                                                            |                              |
| TERMINAL NAME: PIN CONTACT, SIZE 20 DF                                                              |  |                                                                                   |                              |
| WIRE STRIP LENGTH                                                                                   |  |  | INSULATION DIAMETER RANGE    |
| 2.14-2.64 mm [.084-.104 IN]                                                                         |  |                                                                                   | Ø1.27-1.52 mm [.050-.060 IN] |
| TERMINAL APPLICATION SPECIFICATION                                                                  |  | 114-10000                                                                         |                              |
|                    |  | -                                                                                 | -                            |
| TERMINALS APPLIED                                                                                   |  | -                                                                                 | -                            |
| TERMINALS APPLIED  |  |                                                                                   |                              |

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| TE TERMINAL | TE TERMINAL | TE TERMINAL | TE TERMINAL |
| 66506-2     | 166053-1    | 166051-1    | 1-166051-4  |
| 66506-3     | 166053-4    | 166051-2    | 786743-1    |
| 66506-4     | 166053-5    | 166051-4    | 1658537-1   |
| 66504-2     | 166053-6    | 166051-5    | 1658537-3   |
| 66504-3     | 1-166053-0  | 166051-6    | 1658537-5   |
| 66504-4     | 1-166053-2  | 166051-9    | 1658537-6   |
| 6-66504-8   | 1-166053-3  | 1-166051-0  | 1658539-1   |
|             | 1-166053-4  | 1-166051-2  | 1658539-2   |
|             |             | 1-166051-3  | 1658539-5   |

|           |                            |                                |
|-----------|----------------------------|--------------------------------|
| WIRE SIZE | CRIMP HEIGHT mm [INCH]     | CRIMP HEIGHT REFERENCE SETTING |
| 20 AWG    | 0.81+/-0.05 [.032+/- .002] | 8.4                            |
| 22 AWG    | 0.81+/-0.05 [.032+/- .002] | 8.4                            |
| 24 AWG    | 0.81+/-0.05 [.032+/- .002] | 8.4                            |



- RECOMMENDED SPARE PARTS
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180.
- CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
- TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

THIS CRIMP PARAMETER IS PROVIDED TO MEET A CUSTOM AND UNIQUE CUSTOMER REQUIREMENT. IT HAS BEEN EVALUATED AND IS CONDITIONALLY SPECIFIED BY TE CONNECTIVITY. THIS CUSTOMIZED CRIMP PARAMETER IS NOT LISTED AS AN APPROVED APPLICATION WITHIN A TE CONNECTIVITY APPLICATION SPECIFICATION; HOWEVER, IT HAS BEEN VALIDATED ACCORDING TO TE CONNECTIVITY SPECIFICATIONS 109-18079 (TEST GROUP 1) AND 114-18022. **TE CONNECTIVITY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES THAT THE PRODUCT WILL PERFORM SIMILARLY TO VALIDATED AND APPROVED APPLICATIONS, AS STATED WITHIN TE CONNECTIVITY APPLICATION SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.** AS SUCH, IT IS HIGHLY RECOMMENDED THAT THE CUSTOMER PERFORM FURTHER DETAILED EVALUATION TO ASSESS PRODUCT PERFORMANCE IN THE SPECIFIC APPLICATION.

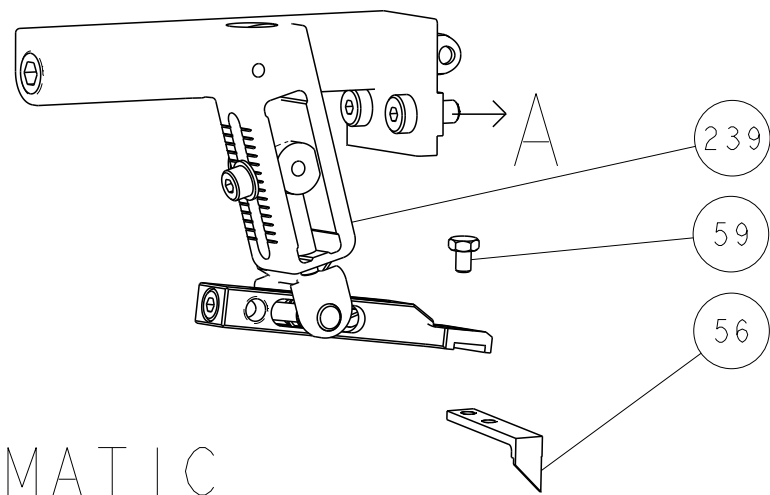
\*WARNING  
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING. REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

| LOC                     |     |     |     |     | DIST    |             | REVISIONS                           |     |               |           |         |      |
|-------------------------|-----|-----|-----|-----|---------|-------------|-------------------------------------|-----|---------------|-----------|---------|------|
| A                       |     |     |     |     | 66      |             | P                                   | LTR | DESCRIPTION   | DATE      | DWN     | APVD |
|                         |     |     |     |     |         |             |                                     | S   | ECR-21-120384 | 10NOV2021 | FJ      | GB   |
|                         |     |     |     |     |         |             |                                     | T   | ECR-21-122524 | 30NOV2021 | FJ      | RK   |
|                         |     |     |     |     |         |             |                                     | U   | ECR-25-231498 | 01JAN2025 | LG      | TE   |
|                         |     |     |     |     |         |             |                                     | U1  | ECR-26-276497 | 17APR2026 | AP      | AO   |
| SUPERSEDED BY 4170028-1 |     |     |     |     |         |             |                                     |     |               |           |         |      |
| SUPERSEDED BY 4170028-1 |     |     |     |     |         |             |                                     |     |               |           |         |      |
| SUPERSEDED BY 4170028-1 |     |     |     |     |         |             |                                     |     |               |           |         |      |
| SUPERSEDED BY 4170028-1 |     |     |     |     |         |             |                                     |     |               |           |         |      |
| 3                       | -   | -   | -   | -   | -       | 1803515-3   | RAM ASSEMBLY, SF ATLANTIC           |     |               |           |         | 293  |
|                         | -   | -   | -   | -   | -       | 4-1803583-8 | APPLICATOR BASIC ASSEMBLY, SF       |     |               |           |         | 292  |
|                         | -   | -   | -   | -   | -       | 2119791-5   | DEPRESSOR, WIRE                     |     |               |           |         | 286  |
|                         | -   | -   | -   | -   | -       | 2119641-1   | FEED CAM, AIR FEED                  |     |               |           |         | 248  |
|                         | -   | -   | -   | -   | -       | 2119082-5   | CAM, SNAIL, INSULATION ADJUSTMENT   |     |               |           |         | 244  |
|                         | -   | -   | -   | -   | -       | 2079764-1   | WASHER, WAVE SPRING, CREST-TO-CREST |     |               |           |         | 243  |
|                         | -   | -   | -   | -   | -       | 2119083-1   | RETAINER, INSULATION DIAL           |     |               |           |         | 242  |
|                         | -   | -   | -   | -   | -       | 7-18023-7   | SCR, SKT HD CAP M3 X 4.0            |     |               |           |         | 241  |
|                         | -   | -   | -   | -   | -       | 2119580-1   | MECHANICAL FEED ASSEMBLY            |     |               |           |         | 239  |
|                         | -   | -   | -   | -   | -       | 2844940-1   | AIR FEED MODULE                     |     |               |           |         | 238  |
| 3                       | -   | -   | -   | -   | -       | 4-1722335-3 | STRIPPER, SIDE FEED                 |     |               |           |         | 182  |
|                         | -   | -   | -   | -   | -       | 1-5018030-0 | NUT, HEX, REG, RoHS, M3.5           |     |               |           |         | 181  |
|                         | -   | -   | -   | -   | -       | 1-1752354-3 | STANDOFF, HOLD-DOWN                 |     |               |           |         | 180  |
|                         | -   | -   | -   | -   | -       | 9931111-1   | PIN, SLOTTED SPRING 3.0 X 20.0      |     |               |           |         | 177  |
|                         | -   | -   | -   | -   | -       | 5-22280-0   | SPRING, COMPRESSION                 |     |               |           |         | 176  |
|                         | -   | -   | -   | -   | -       | 1752353-3   | GUIDE PIN, HOLDDOWN                 |     |               |           |         | 175  |
|                         | -   | -   | -   | -   | -       | 1901680-2   | GUIDE PIN, HOLDDOWN                 |     |               |           |         | 174  |
|                         | -   | REF | REF | REF | REF     | 994970-2    | COUNTER, MAGNETIC                   |     |               |           |         | 164  |
|                         | -   | -   | -   | -   | -       | 1-22281-8   | SPRING, COMPRESSION                 |     |               |           |         | 121  |
|                         | -   | -   | -   | -   | -       | 2119955-1   | ASSY, LUBRICATOR, SIDE FEED         |     |               |           |         | 113  |
| 5                       | -   | -   | -   | -   | -       | 2844908-1   | SCREW, LOCKING                      |     |               |           |         | 99   |
|                         | -   | -   | -   | -   | -       | 2844907     | POST, LOCKING                       |     |               |           |         | 98   |
|                         | -   | -   | -   | -   | -       | 690438-1    | FRONT STRIP GUIDE                   |     |               |           |         | 96   |
|                         | -   | 2   | 2   | 2   | 2       | 2168083-1   | SCR, SKT HD CAP, RoHS, M3 X 8.0     |     |               |           |         | 95   |
|                         | -   | -   | -   | -   | -       | 2168083-6   | SCR, SKT HD CAP, RoHS, M5 X 65      |     |               |           |         | 93   |
|                         | -   | -   | -   | -   | -       | 455888-4    | SPACER, CRIMPER -                   |     |               |           |         | 82   |
|                         | -   | -   | -   | -   | -       | 1803607-3   | DOCUMENTATION PACKAGE               |     |               |           |         | 71   |
|                         | -   | -   | -   | -   | -       | 2119943-1   | WASHER, SPACER                      |     |               |           |         | 69   |
|                         | -   | -   | -   | -   | -       | 2119740-1   | TAG, IDENTIFICATION                 |     |               |           |         | 67   |
|                         | -   | 2   | 2   | 2   | 2       | 2168078-1   | SCREW, DRIVE, RH, RoHS, 2 x .188    |     |               |           |         | 66   |
|                         | -   | 2   | 2   | 2   | 2       | 2-18032-5   | SCR, SET, FLT PNT, M5 X 20.0        |     |               |           |         | 61   |
|                         | -   | -   | -   | -   | -       | 2161425-4   | SCREW, SHOULDER                     |     |               |           |         | 60   |
|                         | -   | -   | -   | -   | -       | 5-18022-5   | SCR, HEX HD CAP, M4 X 6.0           |     |               |           |         | 59   |
|                         | -   | -   | -   | -   | -       | 1338685-1   | PAWL, FEED                          |     |               |           |         | 56   |
|                         | -   | 4   | 4   | 4   | 4       | 2168083-3   | SCR, SKT HD CAP, RoHS, M4 X 12.0    |     |               |           |         | 54   |
|                         | -   | 2   | 2   | 2   | 2       | 2168083-3   | SCR, SKT HD CAP, RoHS, M4 X 12.0    |     |               |           |         | 53   |
|                         | -   | -   | -   | -   | -       | 5018030-1   | NUT, HEX, REG, RoHS, M3             |     |               |           |         | 52   |
|                         | -   | -   | -   | -   | -       | 811242-5    | BUMPER, HOLD DOWN                   |     |               |           |         | 51   |
|                         | -   | -   | -   | -   | -       | 690753-2    | SPACER, TONKER                      |     |               |           |         | 50   |
|                         | -   | -   | 2   | 1   | 2       | 18023-9     | SCR, SKT HD CAP M4 X 6.0            |     |               |           |         | 49   |
|                         | -   | -   | -   | -   | -       | 2119652-1   | FEED CAM, PRE FEED                  |     |               |           |         | 48   |
|                         | -   | -   | -   | -   | -       | 2119653-1   | FEED CAM, POST FEED                 |     |               |           |         | 47   |
|                         | -   | -   | -   | -   | -       | 2-1803583-5 | APPLICATOR BASIC ASSEMBLY, SF       |     |               |           |         | 46   |
|                         | -   | -   | -   | -   | -       | 1803515-1   | RAM ASSEMBLY, SF ATLANTIC           |     |               |           |         | 44   |
|                         | -   | -   | -   | -   | -       | 1803602-1   | SCR, BHSC, RoHS (M8 X 25)           |     |               |           |         | 41   |
|                         | -   | -   | -   | -   | -       | 1752356-1   | SUPPORT, TERMINAL                   |     |               |           |         | 34   |
|                         | -   | 2   | 2   | 2   | 2       | 2079383-5   | SCR, BHSC, RoHS (M4 X 20)           |     |               |           |         | 33   |
|                         | -   | 2   | 2   | 2   | 2       | 2-2844962-4 | SPACER, CYLINDRICAL, STRIP GUIDE    |     |               |           |         | 30   |
|                         | -   | -   | -   | -   | -       | 2844938-1   | PLATE, STRIP GUIDE -                |     |               |           |         | 29   |
|                         | -   | -   | -   | -   | -       | 455888-6    | SPACER, CRIMPER -                   |     |               |           |         | 28   |
|                         | -   | 2   | 2   | 2   | 2       | 22283-1     | SPRING, COMPRESSION                 |     |               |           |         | 27   |
|                         | -   | -   | -   | -   | -       | 356835-1    | LEVER, DRAG RELEASE                 |     |               |           |         | 26   |
|                         | -   | -   | -   | -   | -       | 240792-1    | DRAG, TERMINAL                      |     |               |           |         | 25   |
|                         | -   | -   | -   | -   | -       | 1320928-2   | STRIP GUIDE -                       |     |               |           |         | 24   |
|                         | -   | -   | -   | -   | -       | 980371-4    | SCR, SKT HD SHLDR 5.0 DIA X 6.0     |     |               |           |         | 23   |
|                         | -   | -   | -   | -   | -       | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     |     |               |           |         | 21   |
|                         | -   | -   | -   | 2   | 2       | 1-18028-2   | WASHER, FLAT, REG M4                |     |               |           |         | 20   |
|                         | -   | -   | -   | -   | -       | 2119533-1   | STRIPPER, SIDE FEED                 |     |               |           |         | 19   |
|                         | -   | -   | -   | -   | -       | 2119806-1   | INSERT, SHEAR                       |     |               |           |         | 13   |
|                         | -   | -   | -   | -   | -       | 3-22280-3   | SPRING, COMPRESSION                 |     |               |           |         | 12   |
| 1                       | -   | -   | -   | -   | -       | 1-356885-4  | STOP, SHEAR                         |     |               |           |         | 11   |
|                         | -   | -   | -   | -   | -       | 2119805-1   | SHEAR HOLDER, FRONT -               |     |               |           |         | 10   |
|                         | -   | -   | -   | -   | -       | 1803095-3   | FLOATING SHEAR, FRONT               |     |               |           |         | 9    |
|                         | 1   | -   | -   | -   | -       | 1338690-9   | ANVIL, COMBINATION .055             |     |               |           |         | 8    |
|                         | -   | -   | -   | -   | -       | 3-240641-3  | SPACER                              |     |               |           |         | 7    |
|                         | -   | -   | -   | -   | -       | 2119757-2   | DEPRESSOR, SHEAR                    |     |               |           |         | 5    |
|                         | -   | -   | -   | -   | -       | 2-238011-0  | BLOCK, CRIMPER SPACER -             |     |               |           |         | 4    |
|                         | 1   | -   | -   | -   | -       | 1633966-1   | CRIMPER, INSULATION O               |     |               |           |         | 3    |
|                         | -   | -   | -   | -   | -       | 455888-2    | SPACER, CRIMPER -                   |     |               |           |         | 2    |
|                         | 1   | -   | -   | -   | -       | 2-1803224-5 | CRIMPER, WIRE                       |     |               |           |         | 1    |
| -77                     | -52 | -51 | -2  | -1  | PART NO | DESCRIPTION |                                     |     |               |           | ITEM NO |      |

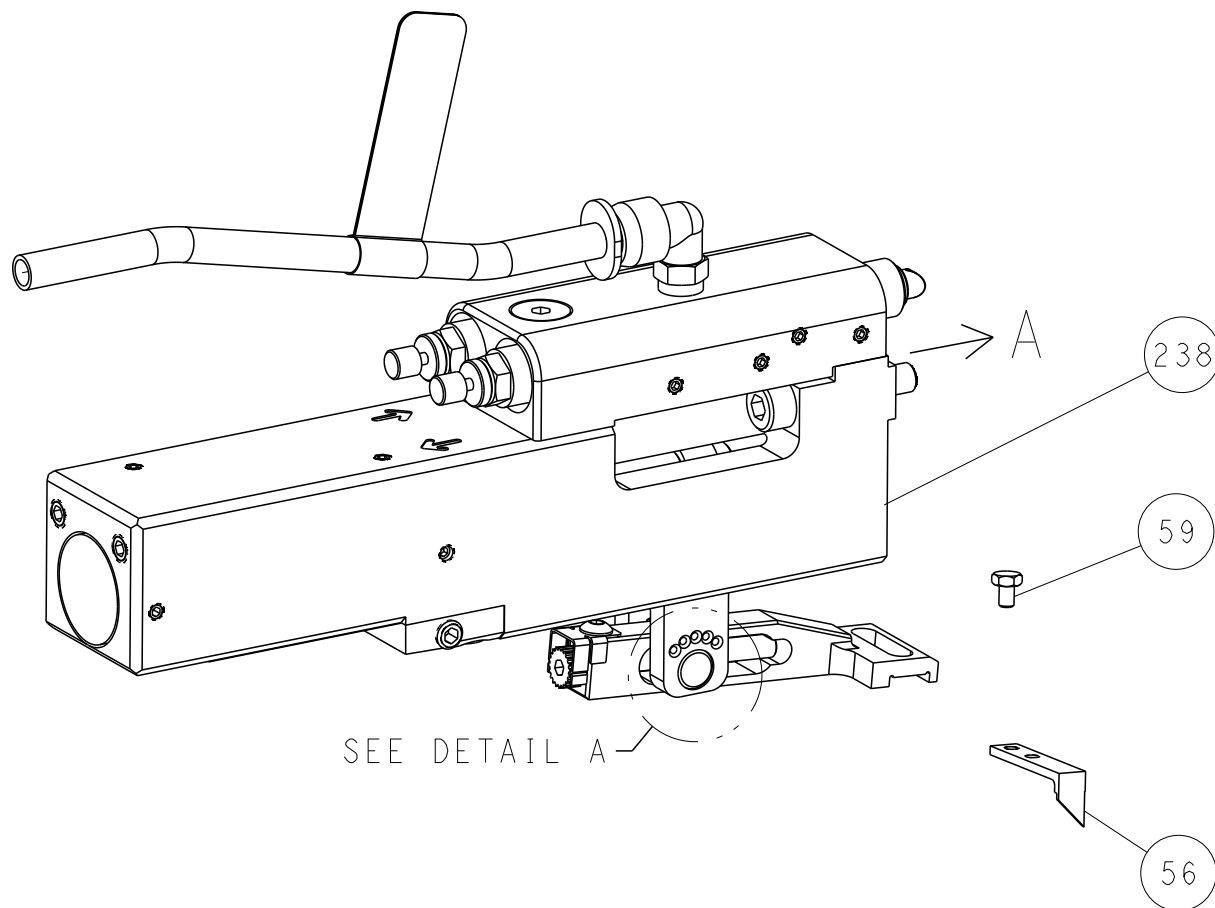
|                                                                                                                                                                                               |  |                                        |           |                                              |  |
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| DIMENSIONS:                                                                                                                                                                                   |  | CHK<br>G. HOFENER                      | 26SEP2011 | NAME                                         |  |
| mm                                                                                                                                                                                            |  | APVD<br>T. ELBIN                       | 26SEP2011 | Ocean Side Feed<br>Applicator                |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                                                                                        |  | PRODUCT SPEC                           |           | SIZE                                         |  |
| 0 PLC ±                                                                                                                                                                                       |  | APPLICATION SPEC                       |           | CAGE CODE                                    |  |
| 1 PLC ±                                                                                                                                                                                       |  | WEIGHT                                 |           | DRAWING NO                                   |  |
| 2 PLC ±                                                                                                                                                                                       |  | RESTRICTED TO                          |           | 00779                                        |  |
| 3 PLC ±                                                                                                                                                                                       |  | Customer Accessible Production Drawing |           | ©=2151496                                    |  |
| 4 PLC ±                                                                                                                                                                                       |  | SCALE                                  |           | 1:2                                          |  |
| ANGLES ±                                                                                                                                                                                      |  | SHEET                                  |           | 1 OF 4                                       |  |
| FINISH                                                                                                                                                                                        |  | REV                                    |           | U1                                           |  |

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

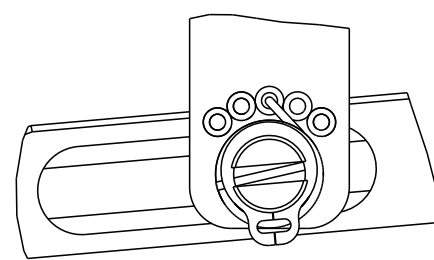
# FEED TYPE MECHANICAL



## PNEUMATIC

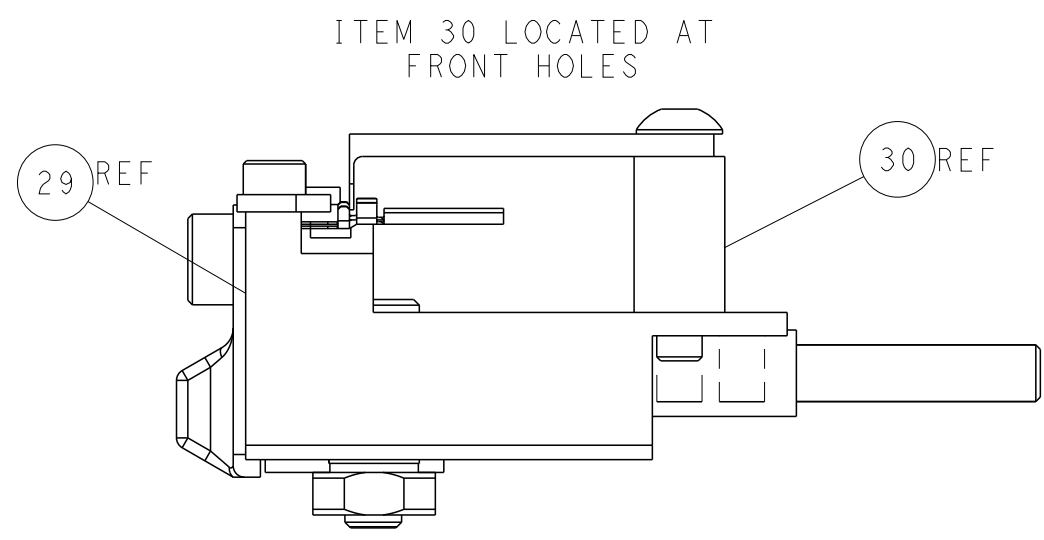
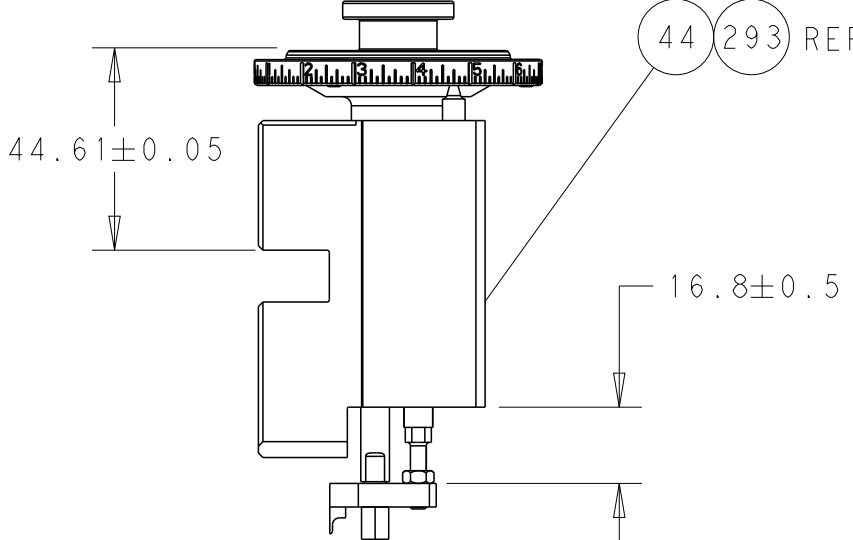
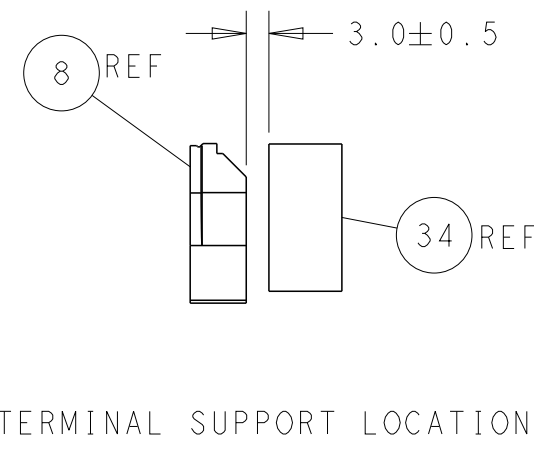
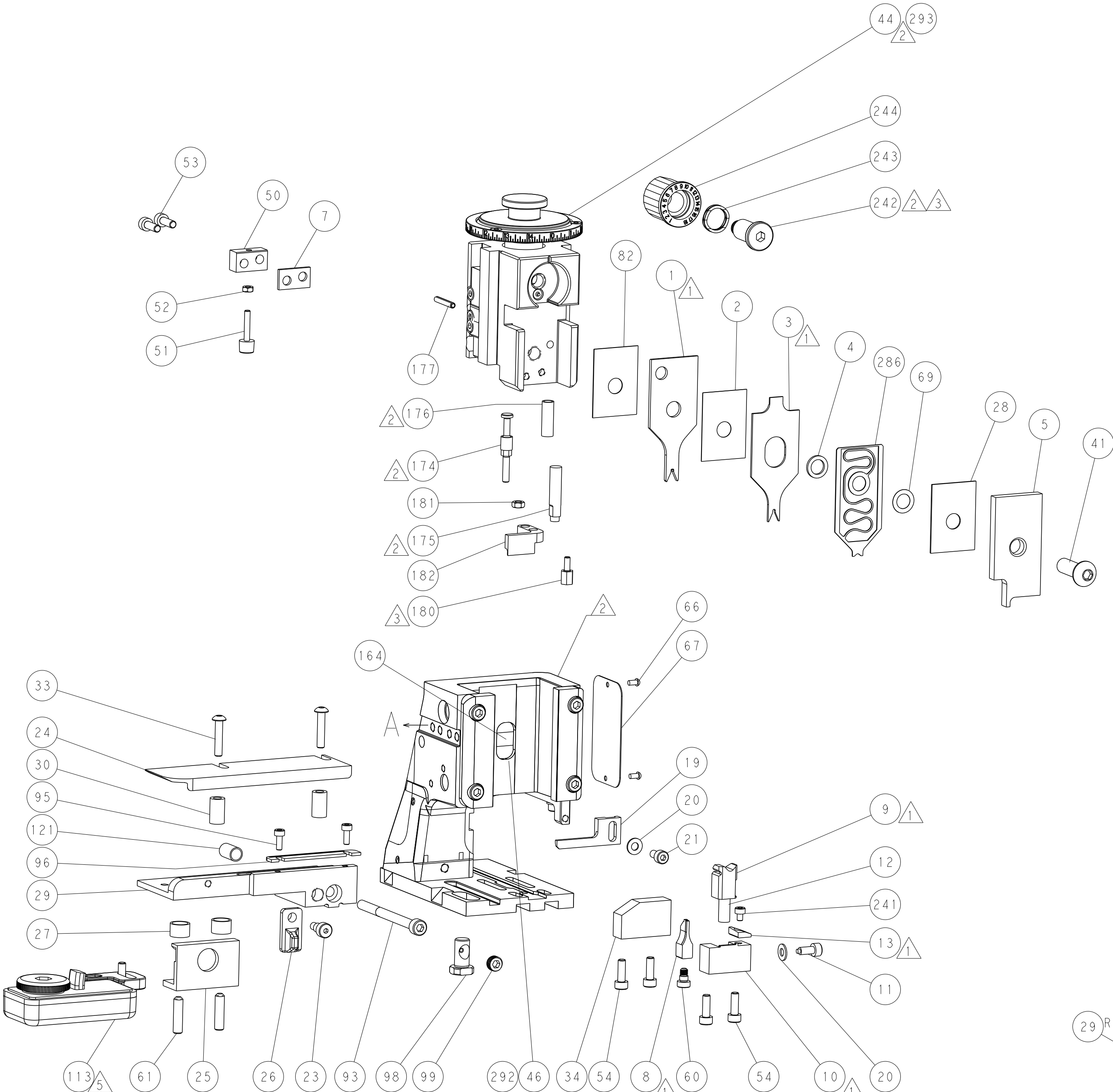
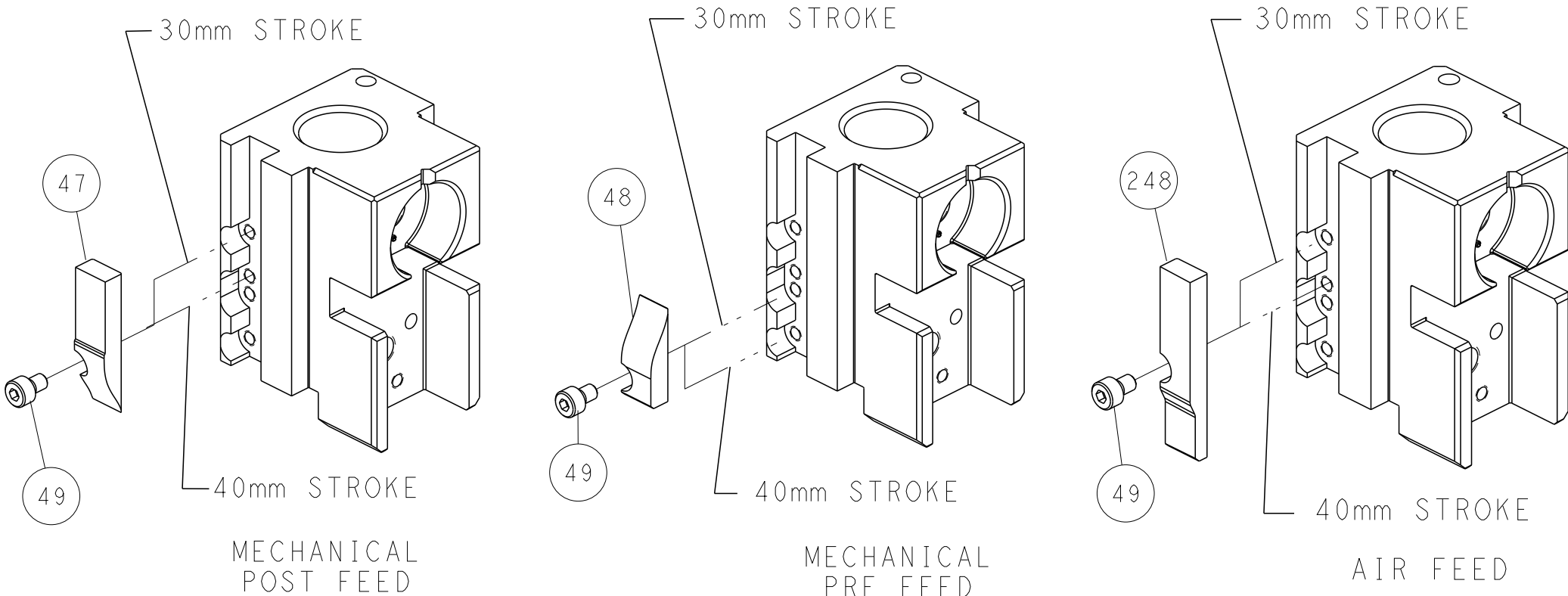


### FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



DETAIL A

# CAM POSITIONS



FEED TRACK POSITION  
GUIDE BY INSULATION BARREL

|                                                                                                                                                                                                                                                                      |  |  |  |                                        |                                              |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------|----------------------------------------------|--|--|--|
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| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                                                                                                                                                               |  |  |  | CHK<br>G. HOFNER<br>26SEP2011          |                                              |  |  |  |
| DIMENSIONS:                                                                                                                                                                                                                                                          |  |  |  | APVD<br>T. ELBIN<br>26SEP2011          | NAME<br>Ocean Side Feed<br>Applicator        |  |  |  |
| mm                                                                                                                                                                                                                                                                   |  |  |  | PRODUCT SPEC                           | SIZE<br>A                                    |  |  |  |
| 0 PLC ±                                                                                                                                                                                                                                                              |  |  |  | APPLICATION SPEC                       | CAGE CODE<br>00779                           |  |  |  |
| 1 PLC ±                                                                                                                                                                                                                                                              |  |  |  | WEIGHT                                 | DRAWING NO<br>2151496                        |  |  |  |
| 2 PLC ±                                                                                                                                                                                                                                                              |  |  |  | RESTRICTED TO                          | SHEET<br>2                                   |  |  |  |
| 3 PLC ±                                                                                                                                                                                                                                                              |  |  |  | Customer Accessible Production Drawing | OF<br>4                                      |  |  |  |
| 4 PLC ±                                                                                                                                                                                                                                                              |  |  |  | SCALE<br>1:2                           | REV<br>U1                                    |  |  |  |
| ANGLES ±                                                                                                                                                                                                                                                             |  |  |  |                                        |                                              |  |  |  |
| FINISH                                                                                                                                                                                                                                                               |  |  |  |                                        |                                              |  |  |  |