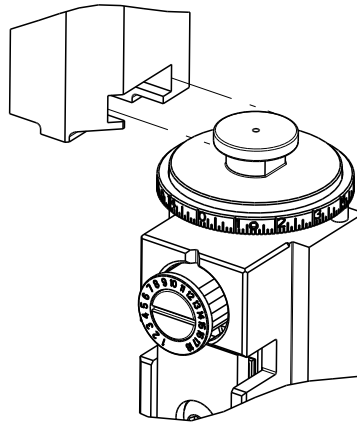


|                                                                    |          |                                  |            |
|--------------------------------------------------------------------|----------|----------------------------------|------------|
| 8                                                                  |          | 7                                |            |
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| PART NUMBER                                                        | REVISION | DESCRIPTION                      | FEED TYPE  |
| 2151689-1                                                          | E        | FINE CRIMP HEIGHT ADJUST         | MECHANICAL |
| 2151689-2                                                          | E        | FINE CRIMP HEIGHT ADJUST         | PNEUMATIC  |
| 7-2151689-1                                                        | E        | MECHANICAL AND CRIMP TOOLING KIT | MECHANICAL |
| 7-2151689-2                                                        | E        | PNEUMATIC AND CRIMP TOOLING KIT  | PNEUMATIC  |
| 7-2151689-7                                                        | D        | CRIMP TOOLING KIT                | -          |

ATLANTIC VERSION TERMINATOR  
INTERFACE ADAPTER



|                                   |                |      |
|-----------------------------------|----------------|------|
| APPLICATOR DATA                   |                |      |
| CRIMP                             | SIZE           | TYPE |
| WIRE                              | 1.40 mm [.055] | F    |
| INSUL                             | 1.40 mm [.055] | O    |
| APPLICATOR INSTRUCTIONS 408-10389 |                |      |

|                                                                                   |             |                                                                                   |                              |
|-----------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------|------------------------------|
| TERMINAL DATA: TE TERMINAL                                                        |             | TE CRIMP SPECIFICATION                                                            |                              |
| TERMINAL NAME: AMP MCP 2.8K FLAT TYPE RECEPTACLE                                  |             |                                                                                   |                              |
| WIRE STRIP LENGTH                                                                 |             |  | INSULATION DIAMETER RANGE    |
| 2.12-2.88 mm [.083-.113 IN]                                                       |             |                                                                                   | Ø1.27-1.52 mm [.050-.060 IN] |
| TERMINAL APPLICATION SPECIFICATION                                                |             | 114-19051                                                                         | -                            |
|  |             | -                                                                                 | -                            |
| TERMINALS APPLIED                                                                 |             |                                                                                   |                              |
| TE TERMINAL                                                                       | TE TERMINAL | TE TERMINAL                                                                       | TE TERMINAL                  |
| 338097-1                                                                          | 1-338097-1  | 9-338097-1                                                                        |                              |

|           |                            |                                |
|-----------|----------------------------|--------------------------------|
| WIRE SIZE | CRIMP HEIGHT mm [INCH]     | CRIMP HEIGHT REFERENCE SETTING |
| 20 AWG    | 0.76+/-0.05 [.030+/- .002] | 7.8                            |
| 22 AWG    | 0.76+/-0.05 [.030+/- .002] | 7.8                            |
| 24 AWG    | 0.76+/-0.05 [.030+/- .002] | 7.8                            |



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 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.
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

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

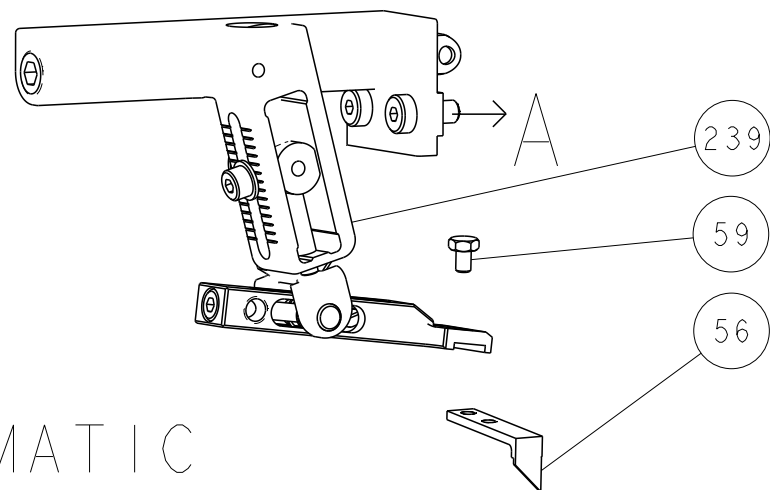
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|-----|--|------|--|-----------|-----|---------------|-----------|
| LOC |  | DIST |  | REVISIONS |     |               |           |
| A   |  | 66   |  | P         | LTR | DESCRIPTION   | DATE      |
|     |  |      |  |           |     |               | DWN       |
|     |  |      |  |           |     |               | APVD      |
|     |  |      |  | B         |     | ECR-20-002219 | 11FEB2020 |
|     |  |      |  | C         |     | ECR-20-003038 | 02MAR2020 |
|     |  |      |  | D         |     | ECR-22-152711 | 15SEP2022 |
|     |  |      |  | E         |     | ECR-24-201007 | 26FEB2024 |

|   |   |     |     |     |     |             |                                     |     |
|---|---|-----|-----|-----|-----|-------------|-------------------------------------|-----|
| 3 | - | 1   | 1   | 1   | 1   | 2119791-5   | DEPRESSOR, WIRE                     | 286 |
|   | - | 1   | -   | 1   | -   | 2119641-1   | FEED CAM, AIR FEED                  | 248 |
|   | - | 1   | 1   | 1   | 1   | 2119082-9   | CAM, SNAIL, INSULATION ADJUSTMENT   | 244 |
|   | - | 1   | 1   | 1   | 1   | 2079764-1   | WASHER, WAVE SPRING, CREST-TO-CREST | 243 |
| 1 | - | 1   | 1   | 1   | 1   | 2119083-1   | RETAINER, INSULATION DIAL           | 242 |
|   | - | 1   | 1   | 1   | 1   | 7-18023-7   | SCR, SKT HD CAP M3 X 4.0            | 241 |
|   | - | -   | 1   | -   | 1   | 2119580-1   | MECHANICAL FEED ASSEMBLY            | 239 |
|   | - | 1   | -   | 1   | -   | 2844940-1   | AIR FEED MODULE                     | 238 |
| 1 | - | REF | REF | REF | REF | 994970-2    | COUNTER, MAGNETIC                   | 164 |
|   | - | 1   | 1   | 1   | 1   | 1-18028-2   | WASHER, FLAT, REG M4                | 119 |
|   | - | 1   | 1   | 1   | 1   | 2844908-1   | SCREW, LOCKING                      | 99  |
|   | - | 1   | 1   | 1   | 1   | 2844907-1   | POST, LOCKING                       | 98  |
| 1 | - | 1   | 1   | 1   | 1   | 455888-5    | SPACER, CRIMPER -                   | 82  |
|   | - | 1   | 1   | 1   | 1   | 1803607-3   | DOCUMENTATION PACKAGE               | 71  |
|   | - | 1   | 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   | 1   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 60  |
|   | - | 1   | 1   | 1   | 1   | 5-18022-5   | SCR, HEX HD CAP, M4 X 6.0           | 59  |
|   | - | 1   | 1   | 1   | 1   | 1338685-1   | PAWL, FEED                          | 56  |
|   | - | 4   | 4   | 4   | 4   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 54  |
| 1 | - | 2   | 2   | 2   | 2   | 2168083-3   | SCR, SKT HD CAP, RoHS, M4 X 12.0    | 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   | 690753-6    | SPACER, TONKER                      | 50  |
| 1 | - | 1   | 2   | 1   | 2   | 18023-9     | SCR, SKT HD CAP M4 X 6.0            | 49  |
|   | - | -   | 1   | -   | 1   | 2119652-1   | FEED CAM, PRE FEED                  | 48  |
|   | - | -   | 1   | -   | 1   | 2119653-1   | FEED CAM, POST FEED                 | 47  |
|   | - | 1   | 1   | 1   | 1   | 1803583-9   | APPLICATOR BASIC ASSEMBLY, SF       | 46  |
| 1 | - | 1   | 1   | 1   | 1   | 1803515-1   | RAM ASSEMBLY, SF ATLANTIC           | 44  |
|   | - | 1   | 1   | 1   | 1   | 1803602-1   | SCR, BHSC, RoHS (M8 X 25)           | 41  |
|   | - | 1   | 1   | 1   | 1   | 1752356-3   | SUPPORT, TERMINAL                   | 34  |
|   | - | 2   | 2   | 2   | 2   | 2079383-5   | SCR, BHSC, RoHS (M4 X 20)           | 33  |
| 1 | - | 2   | 2   | 2   | 2   | 2-2844962-3 | SPACER, CYLINDRICAL, STRIP GUIDE    | 30  |
|   | - | 1   | 1   | 1   | 1   | 2844992-1   | ASSEMBLY, STRIP GUIDE -             | 29  |
|   | - | 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   | 1-18028-2   | WASHER, FLAT, REG M4                | 20  |
|   | - | 1   | 1   | 1   | 1   | 1-2119533-6 | 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   | 1-356885-4  | STOP, SHEAR                         | 11  |
|   | - | 1   | 1   | 1   | 1   | 2119805-1   | SHEAR HOLDER, FRONT -               | 10  |
|   | - | 1   | 1   | 1   | 1   | 1803095-6   | FLOATING SHEAR, FRONT -             | 9   |
|   | 1 | 2   | 2   | 1   | 1   | 8-1803763-1 | COMBINATION, ANVIL -                | 8   |
| 1 | - | -   | -   | -   | -   | -           | -                                   | 7   |
|   | - | -   | -   | -   | -   | -           | -                                   | 6   |
|   | - | 1   | 1   | 1   | 1   | 2119757-8   | DEPRESSOR, SHEAR                    | 5   |
|   | - | 1   | 1   | 1   | 1   | 2-238011-0  | BLOCK, CRIMPER SPACER               | 4   |
| 1 | 1 | 2   | 2   | 1   | 1   | 8-1803365-3 | CRIMPER, INSULATION O               | 3   |
|   | - | 1   | 1   | 1   | 1   | 455888-2    | SPACER, CRIMPER -                   | 2   |
| 1 | 1 | 2   | 2   | 1   | 1   | 1-456402-5  | CRIMPER, WIRE PREMIUM               | 1   |

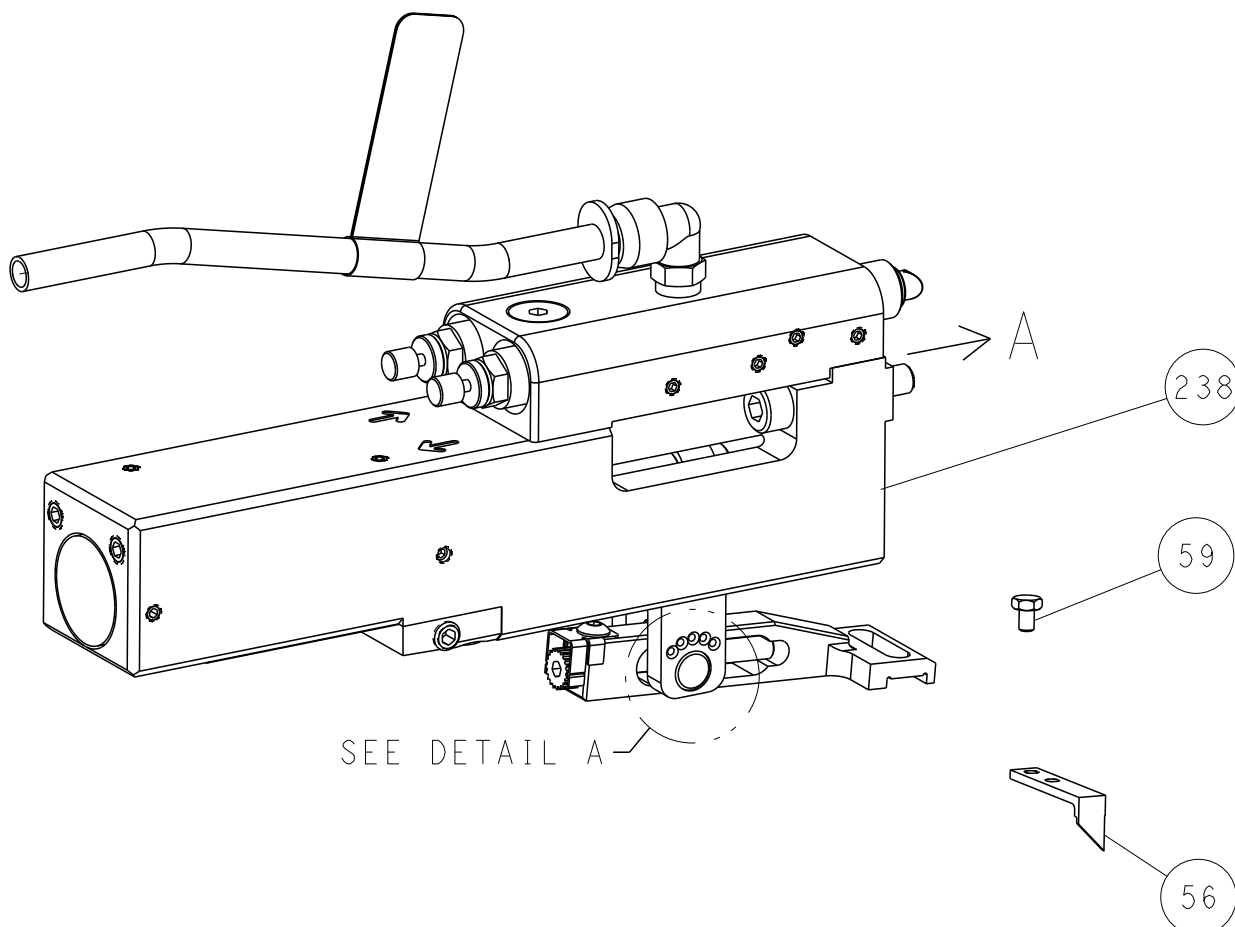
|                                                                                                                                                                                                                                                            |  |                                        |         |                                    |                                                                                                                                    |  |      |
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|                                                                                                                                                                                                                                                            |  | CHG                                    | ELBIN   | 13FEB2013                          |                                                                                                                                    |  |      |
|                                                                                                                                                                                                                                                            |  | APVD                                   | ELBIN   | 13FEB2013                          |                                                                                                                                    |  | NAME |
|                                                                                                                                                                                                                                                            |  | PRODUCT SPEC                           |         |                                    |                                                                                                                                    |  |      |
| DIMENSIONS:                                                                                                                                                                                                                                                |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |         | Ocean Side Feed<br>Applicator<br>- |                                                                                                                                    |  |      |
| mm                                                                                                                                                                                                                                                         |  |                                        |         |                                    |                                                                                                                                    |  |      |
|                                                                                                                                                                       |  | 0 PLC ±                                |         |                                    |                                                                                                                                    |  |      |
|                                                                                                                                                                                                                                                            |  | 1 PLC ±                                |         |                                    |                                                                                                                                    |  |      |
|                                                                                                                                                                                                                                                            |  | 2 PLC ±                                |         |                                    |                                                                                                                                    |  |      |
|                                                                                                                                                                                                                                                            |  | 3 PLC ±                                |         |                                    |                                                                                                                                    |  |      |
| 4 PLC ±                                                                                                                                                                                                                                                    |  | 4 PLC ±                                |         | APPLICATION SPEC                   |                                                                                                                                    |  |      |
| ANGLES                                                                                                                                                                                                                                                     |  | ±                                      |         | SIZE                               |                                                                                                                                    |  |      |
| FINISH                                                                                                                                                                                                                                                     |  |                                        |         | CAGE CODE                          |                                                                                                                                    |  |      |
| MATERIAL                                                                                                                                                                                                                                                   |  | WEIGHT                                 |         | DRAWING NO                         |                                                                                                                                    |  |      |
| -                                                                                                                                                                                                                                                          |  | -                                      |         | -                                  |                                                                                                                                    |  |      |
| Customer Accessible Production Drawing                                                                                                                                                                                                                     |  | SCALE                                  |         | RESTRICTED TO                      |                                                                                                                                    |  |      |
| 1:2                                                                                                                                                                                                                                                        |  | 1                                      |         | -                                  |                                                                                                                                    |  |      |
| 4                                                                                                                                                                                                                                                          |  | REV                                    |         | E                                  |                                                                                                                                    |  |      |

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

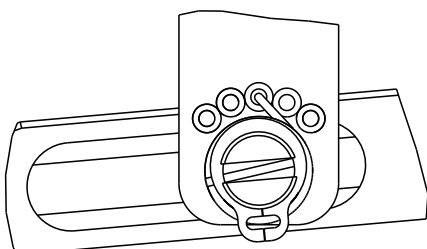
# FEED TYPE MECHANICAL



PNEUMATIC

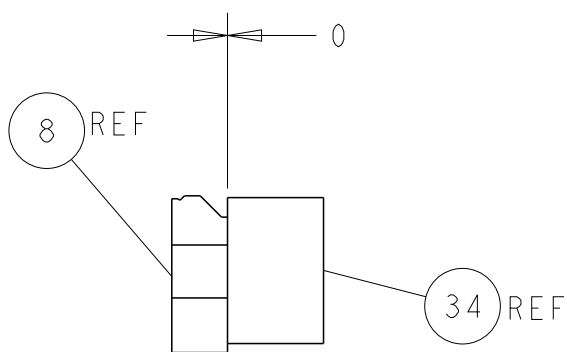
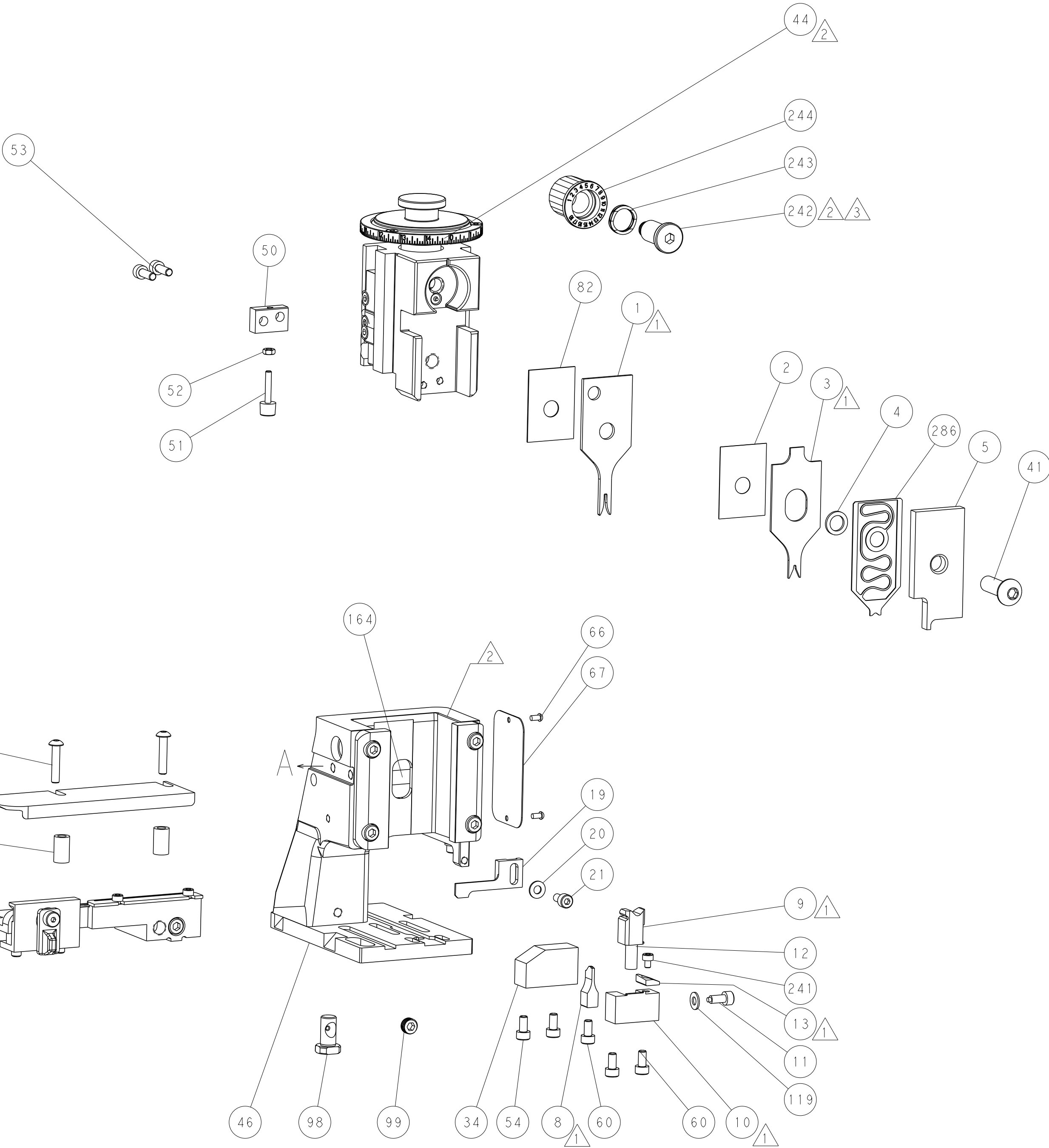
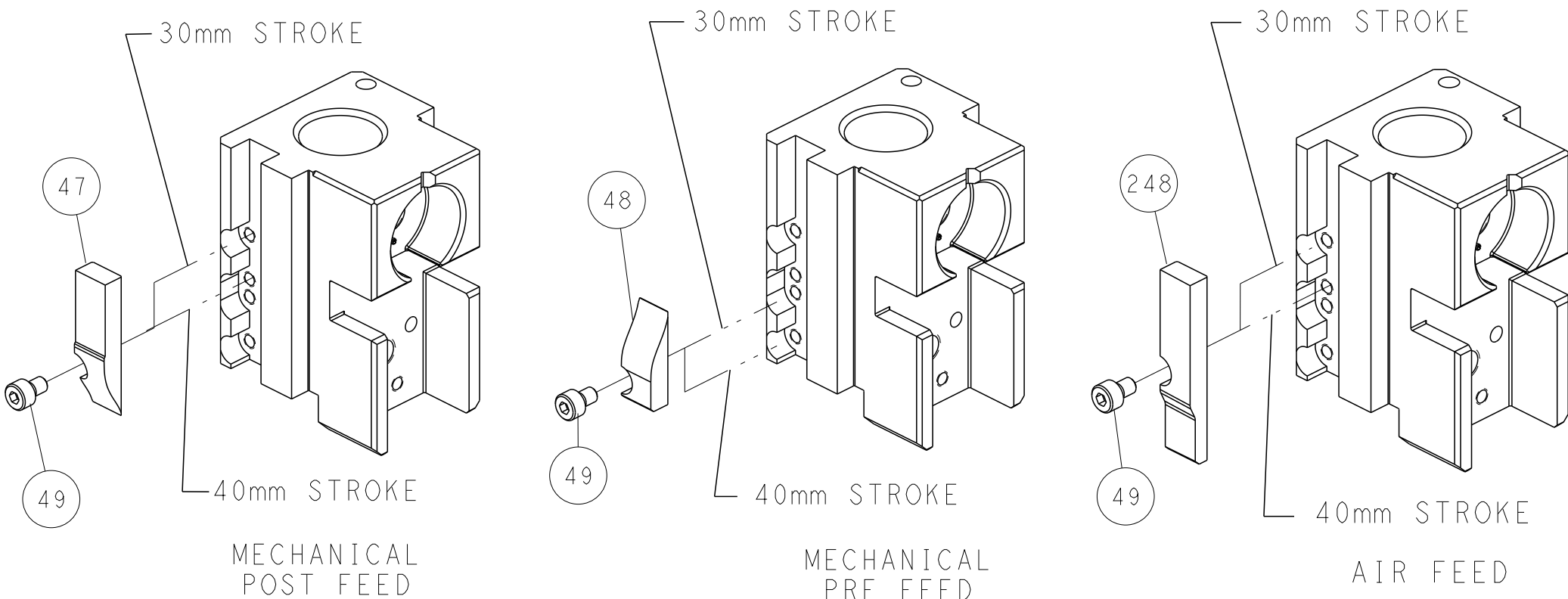


FEED SPRING SETTING POSITION  
(SHOWN FROM REAR SIDE)

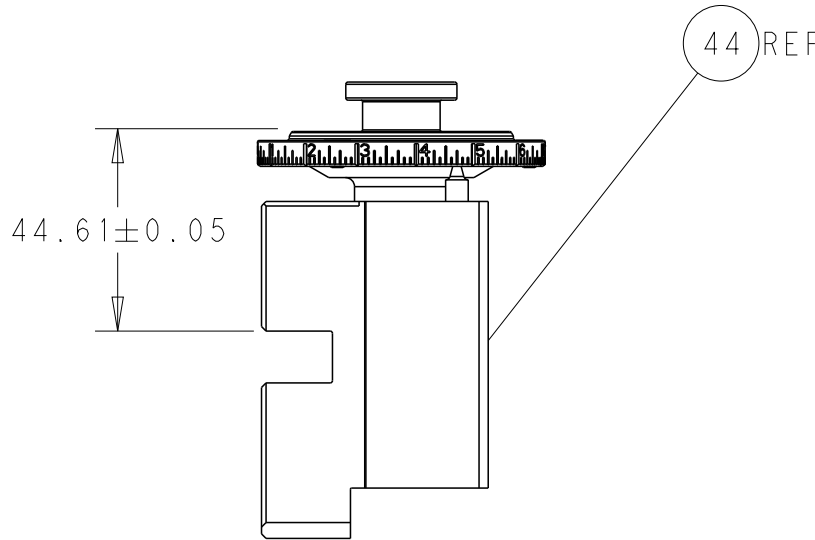


DETAIL A

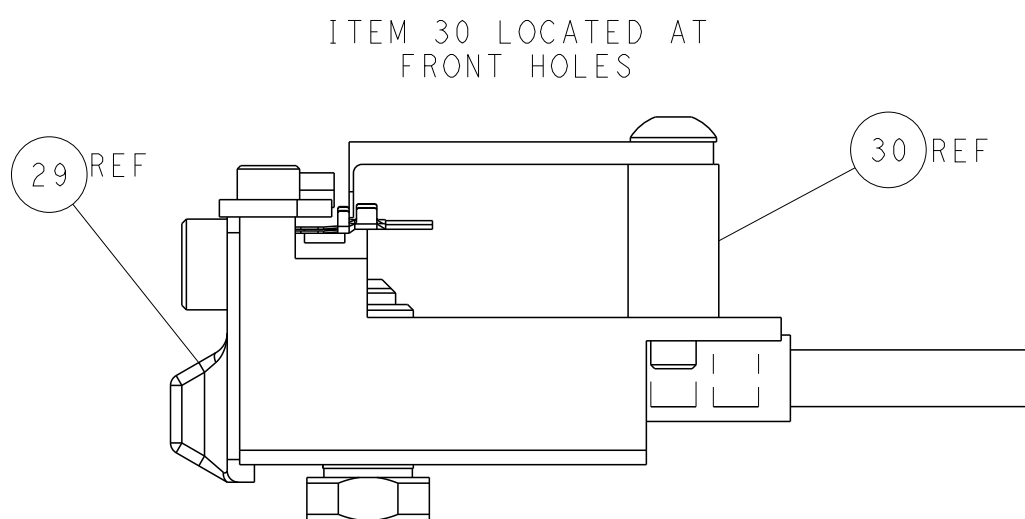
# CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



FEED TRACK POSITION  
GUIDE BY INSULATION BARREL

|                                                                                                                                                                                                                                                                                                                                    |  |                                                               |  |                                                                                                                 |  |                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|------------------|--|
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| DIMENSIONS:                                                                                                                                                                                                                                                                                                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                        |  | PRODUCT SPEC                                                                                                    |  | APPLICATION SPEC |  |
| mm                                                                                                                                                                                                                                                                                                                                 |  | 0 PLC ±.1<br>1 PLC ±.1<br>2 PLC ±.1<br>3 PLC ±.1<br>4 PLC ±.1 |  | SIZE                                                                                                            |  | CAGE CODE        |  |
| MATERIAL                                                                                                                                                                                                                                                                                                                           |  | FINISH                                                        |  | WEIGHT                                                                                                          |  | DRAWING NO       |  |
|                                                                                                                                                                                                                                                                                                                                    |  |                                                               |  | Customer Accessible Production Drawing                                                                          |  | SCALE 1:2        |  |
|                                                                                                                                                                                                                                                                                                                                    |  |                                                               |  | SHEET 2 OF 4                                                                                                    |  | REV E            |  |