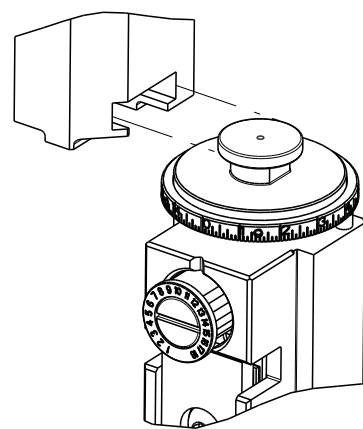


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| 20                           |          | 20                                                    |            |
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| PART<br>NUMBER               | REVISION | DESCRIPTION                                           | FEED TYPE  |
| 2150158-1                    | D        | FINE CRIMP HEIGHT ADJUST                              | MECHANICAL |
| 2150158-2                    | D        | FINE CRIMP HEIGHT ADJUST                              | PNEUMATIC  |
| 7-2150158-1                  | D        | MECHANICAL AND CRIMP<br>TOOLING KIT                   | MECHANICAL |
| 7-2150158-2                  | D        | PNEUMATIC AND CRIMP<br>TOOLING KIT                    | PNEUMATIC  |
| 7-2150158-7                  | A        | CRIMP TOOLING KIT                                     | -          |



| APPLICATOR DATA                |                  |                                                                                   |
|--------------------------------|------------------|-----------------------------------------------------------------------------------|
| CRIMP                          | SIZE             | TYPE                                                                              |
| WIRE                           | 2.03 mm [ .080 ] | F                                                                                 |
| INSUL                          | 2.79 mm [ .110 ] | OV                                                                                |
| APPL INSTRUCTIONS<br>408-35043 |                  |  |

|                                                        |             |                                                           |             |
|--------------------------------------------------------|-------------|-----------------------------------------------------------|-------------|
| TERMINAL DATA: TE TERMINAL                             |             | TE CRIMP SPECIFICATION                                    |             |
| TERMINAL NAME: .250 SERIES FASTON RECEPTACLE CONNECTOR |             |                                                           |             |
| WIRE STRIP LENGTH<br>5.20-6.00 mm [.205-.236 IN]       |             | INSULATION DIAMETER RANGE<br>Ø1.40-2.30 mm [.055-.091 IN] |             |
| TERMINAL APPLICATION SPECIFICATION                     |             | 114-20023                                                 |             |
| TERMINAL SPECIFICATION                                 |             | -                                                         |             |
| TERMINALS APPLIED                                      |             |                                                           |             |
| TE TERMINAL                                            | TE TERMINAL | TE TERMINAL                                               | TE TERMINAL |
| 160915-1                                               | 160915-2    | 160915-5                                                  |             |

| WIRE<br>SIZE |  | CRIMP HEIGHT<br>mm [INCH]  |  | CRIMP HEIGHT<br>REFERENCE SETTING |
|--------------|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| 1.00mm2      |                                                                                     | 1.61+/-0.03 [0.63+/-0.001] |                                                                                     | 6.8                               |
| 0.75mm2      |                                                                                     | 1.50+/-0.03 [0.59+/-0.001] |                                                                                     | 8.1                               |
| 0.50mm2      |                                                                                     | 1.43+/-0.03 [0.56+/-0.001] |                                                                                     | 8.9                               |



- 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.  
APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180.
- 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 TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- ⑦ 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.

|                                                                                                                         |                         |                                                            |             |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------|-------------|
| TERMINAL DATA: TE TERMINAL                                                                                              |                         | TE CRIMP SPECIFICATION                                     |             |
| TERMINAL NAME: .250 SERIES FASTON RECEPTACLE CONNECTOR                                                                  |                         |                                                            |             |
| WIRE STRIP LENGTH<br>5.20-6.00 mm [1.205-.236 IN]                                                                       |                         | INSULATION DIAMETER RANGE<br>Ø1.40-1.60 mm [1.055-.063 IN] |             |
| TERMINAL APPLICATION<br>SPECIFICATION  |                         | 114-20023                                                  |             |
| TERMINALS APPLIED                     |                         |                                                            |             |
| TE TERMINAL<br>160915-1                                                                                                 | TE TERMINAL<br>160915-2 | TE TERMINAL<br>160915-5                                    | TE TERMINAL |

| WIRE SIZE         |  | CRIMP HEIGHT<br>mm [INCH]   |  | CRIMP HEIGHT<br>REFERENCE SETTING |
|-------------------|-------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|-----------------------------------|
| (2)0.50mm2 FLRY-B |                                                                                     | 1.61+/-0.03 [0.063+/-0.001] |                                                                                       | 6.8                               |

```
*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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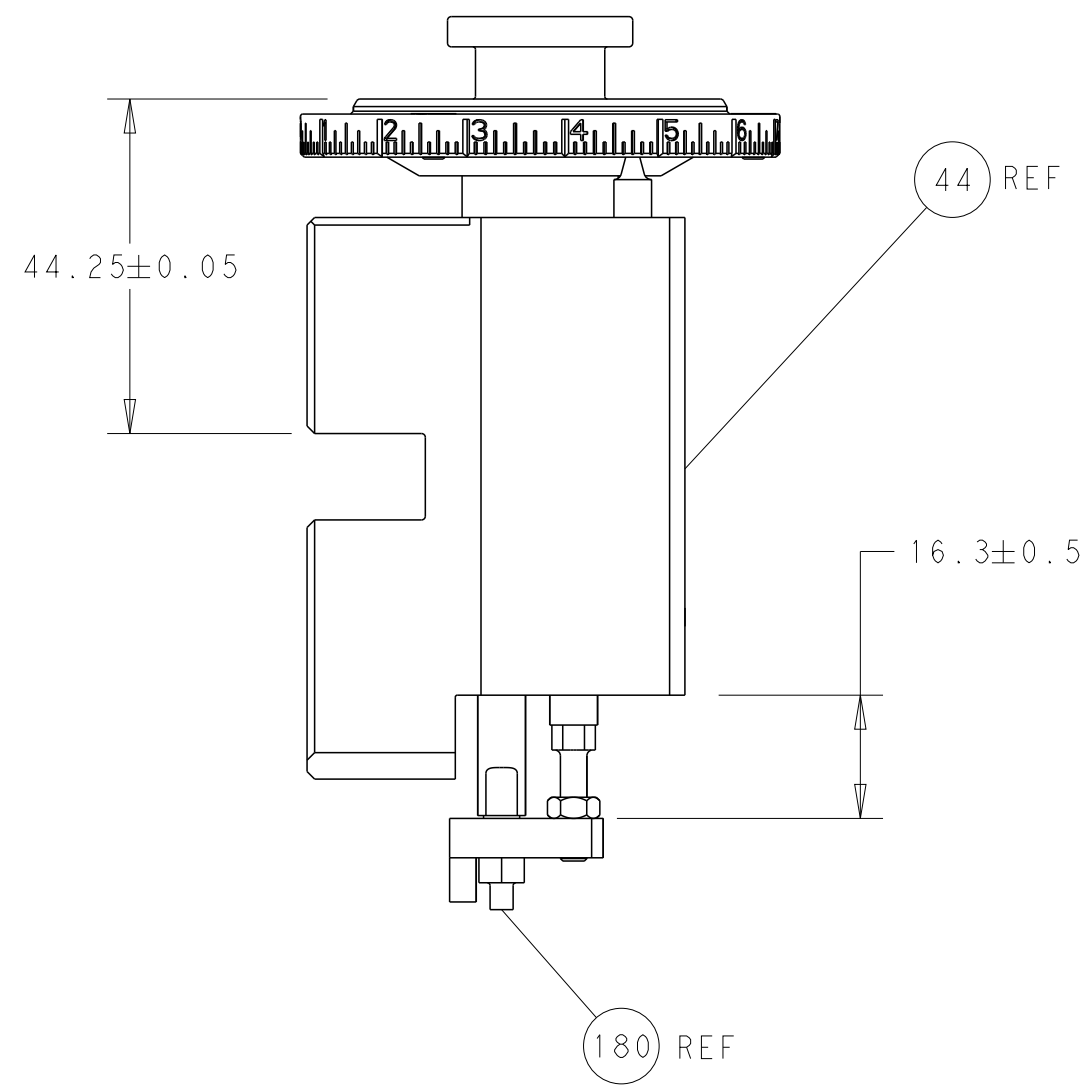
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|     |   |      |   |           | B   | ECR-14-017359 | 20NOV2014 | KH  | TE   |
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| <small>CHG</small><br><b>ELBLN</b> 20FEB2012                                                                                                                                                                                                                                            |  | NAME      Ocean End Feed Applicator               |  |                                                                                                                                    |  |
| <small>APPR</small><br><b>S_XI</b> 20FEB2012                                                                                                                                                                                                                                            |  | PRODUCT SPEC                                      |  |                                                                                                                                    |  |
| DIMENSIONS:                                                                                                                                                                                                                                                                             |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:            |  |                                                                                                                                    |  |
| mm                                                                                                                                                                                                                                                                                      |  | 0 PLC ±                                           |  |                                                                                                                                    |  |
|                                                                                                                                                                                                    |  | 1 PLC ±                                           |  |                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                         |  | 2 PLC ±                                           |  |                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                         |  | 3 PLC ±                                           |  |                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                         |  | 4 PLC ±                                           |  |                                                                                                                                    |  |
| ANGLES                                                                                                                                                                                                                                                                                  |  | °                                                 |  |                                                                                                                                    |  |
| MATERIAL                                                                                                                                                                                                                                                                                |  | FINISH                                            |  |                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                         |  | WEIGHT                                            |  |                                                                                                                                    |  |
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|                                                                                                                                                                                                                                                                                         |  | A   00779    C=2150158                            |  |                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                         |  | Customer Accessible Production Drawing            |  |                                                                                                                                    |  |
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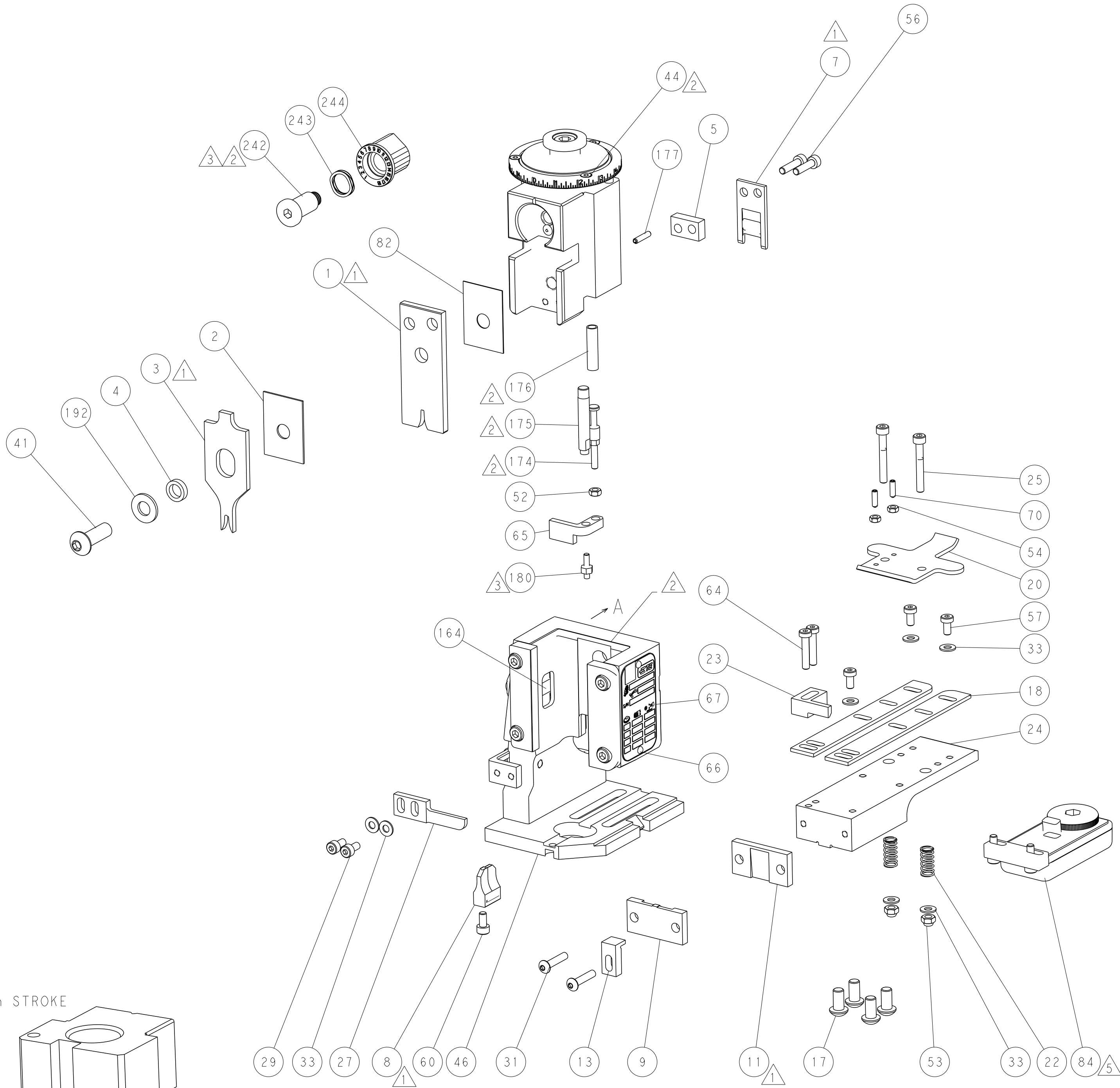
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION



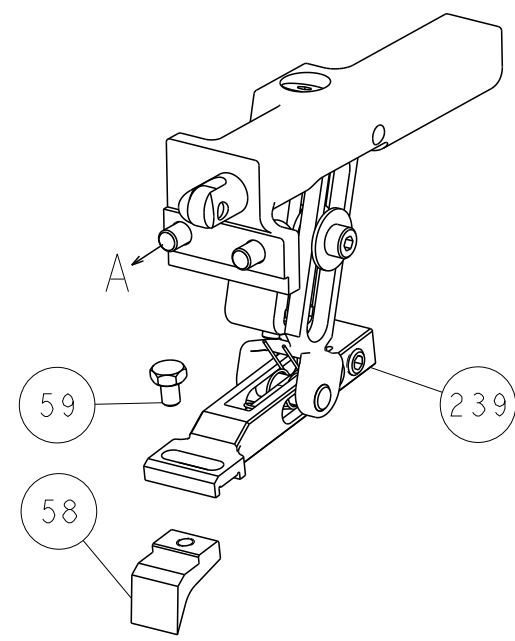
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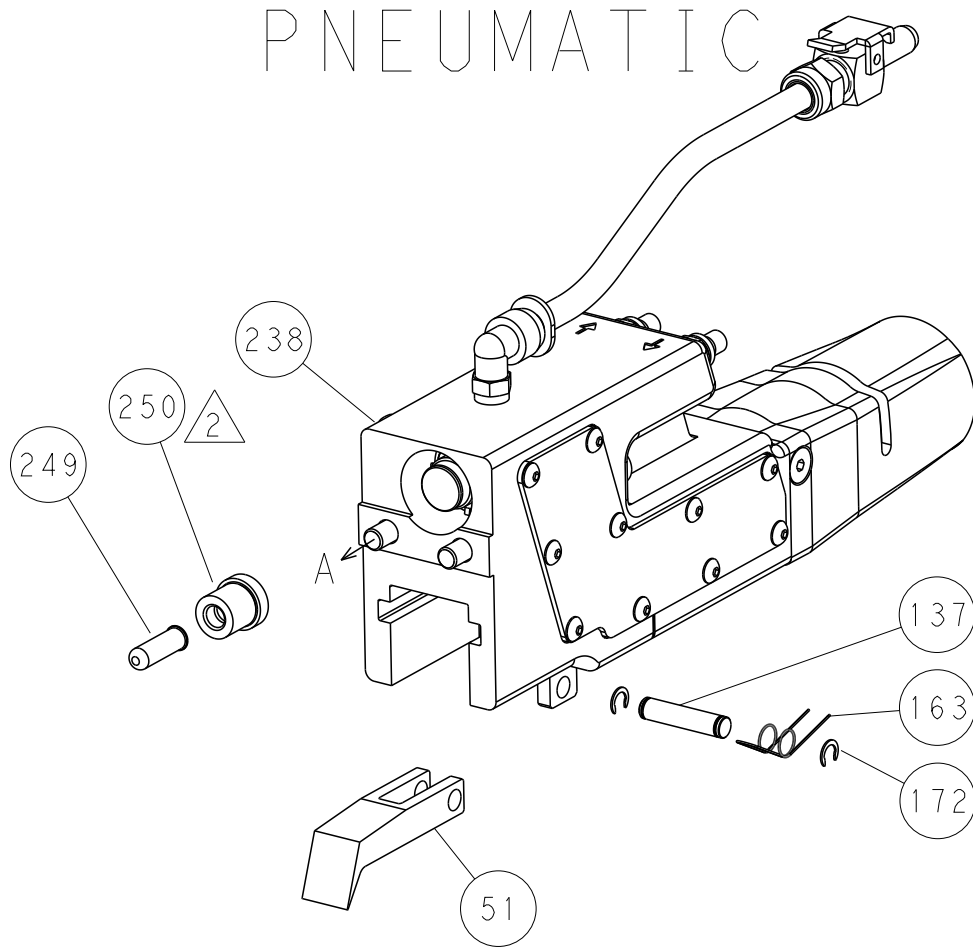
RAM AND HOLDDOWN SET-UP



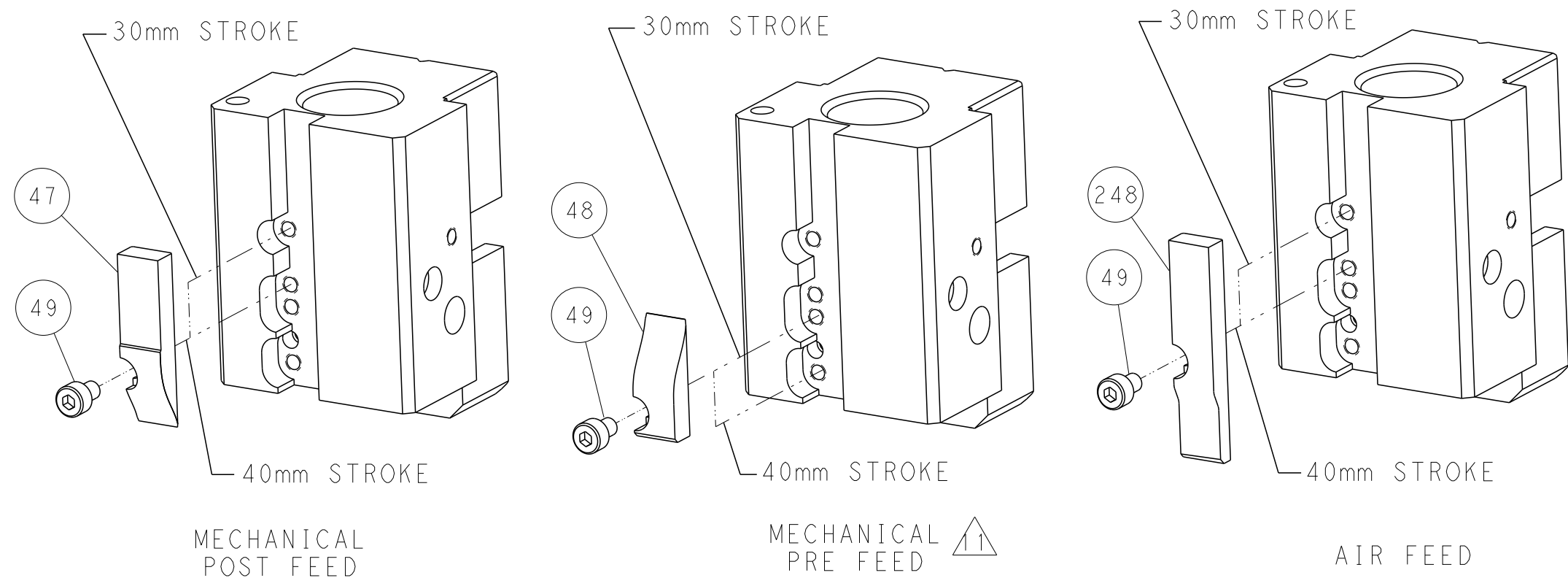
FEED TYPE  
MECHANICAL



PNEUMATIC



CAM POSITIONS



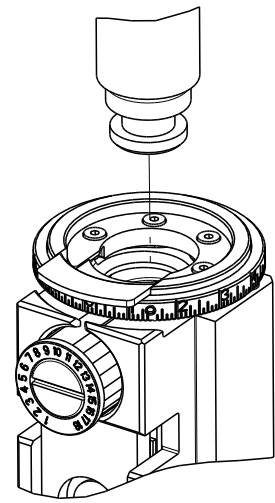
ATLANTIC VERSION  
Shown on sheets 1 of 4 & 2 of 4  
(Pacific version shown on sheets 3 of 4 & 4 of 4)

|                                                                                                                                                                                          |  |  |  |                                        |           |                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------|-----------|----------------------------------------------|--|
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|                                                                                                                                                                                          |  |  |  | CHK<br>T. ELBIN                        | 20FEB2012 |                                              |  |
|                                                                                                                                                                                          |  |  |  | APVD<br>S. XI                          | 20FEB2012 | NAME<br>Ocean End Feed<br>Applicator         |  |
| DIMENSIONS:<br>mm                                                                                                                                                                        |  |  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |           | SIZE<br>A                                    |  |
|                                                                                                                                                                                          |  |  |  | 0 PLC ±                                |           | CAGE CODE<br>00779                           |  |
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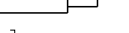
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| PART<br>NUMBER                                                       | REVISION | DESCRIPTION              | FEED TYPE  |
| 2-2150158-1                                                          | D        | FINE CRIMP HEIGHT ADJUST | MECHANICAL |
| 2-2150158-2                                                          | D        | FINE CRIMP HEIGHT ADJUST | PNEUMATIC  |
| 7-2150158-7                                                          | A        | CRIMP TOOLING KIT        | -          |

PACIFIC VERSION TERMINATOR  
INTERFACE ADAPTER



| APPLICATOR DATA                |                |      |
|--------------------------------|----------------|------|
| CRIMP                          | SIZE           | TYPE |
| WIRE                           | 2.03 mm [.080] | F    |
| INSUL                          | 2.79 mm [.110] | OV   |
| APPL INSTRUCTIONS<br>408-35043 |                |      |

|                                                        |             |                                                           |             |
|--------------------------------------------------------|-------------|-----------------------------------------------------------|-------------|
| TERMINAL DATA: TE TERMINAL                             |             | TE CRIMP SPECIFICATION                                    |             |
| TERMINAL NAME: .250 SERIES FASTON RECEPTACLE CONNECTOR |             |                                                           |             |
| WIRE STRIP LENGTH<br>5.20-6.00 mm [.205-.236 IN]       |             | INSULATION DIAMETER RANGE<br>Ø1.40-2.30 mm [.055-.091 IN] |             |
| TERMINAL APPLICATION SPECIFICATION                     |             | 114-20023                                                 |             |
| TERMINALS APPLIED                                      |             | 5                                                         |             |
| TE TERMINAL                                            | TE TERMINAL | TE TERMINAL                                               | TE TERMINAL |
| 160915-1                                               | 160915-2    | 160915-5                                                  |             |

|                                                                                                                      |             |                                                                                                                                               |             |
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| TERMINAL DATA: TE TERMINAL                                                                                           |             | TE CRIMP SPECIFICATION                                                                                                                        |             |
| TERMINAL NAME: .250 SERIES FASTON RECEPTACLE CONNECTOR                                                               |             |                                                                                                                                               |             |
| WIRE STRIP LENGTH<br>5.20-6.00 mm [.205-.236 IN]                                                                     |             |  INSULATION DIAMETER RANGE<br>Ø1.40-1.60 mm [.055-.063 IN] |             |
| TERMINAL APPLICATION SPECIFICATION  |             | 114-20023                                                                                                                                     |             |
| TERMINALS APPLIED                 |             |                                                                                                                                               |             |
| TE TERMINAL                                                                                                          | TE TERMINAL | TE TERMINAL                                                                                                                                   | TE TERMINAL |
| 160915-1                                                                                                             | 160915-2    | 160915-5                                                                                                                                      |             |

|           |  |                            |  |                                   |
|-----------|--|----------------------------|--|-----------------------------------|
| WIRE SIZE |  | CRIMP HEIGHT<br>mm [INCH]  |  | CRIMP HEIGHT<br>REFERENCE SETTING |
| 1.00mm2   |  | 1.61+/-0.03 [.063+/- .001] |  | 6.8                               |
| 0.75mm2   |  | 1.50+/-0.03 [.059+/- .001] |  | 8.1                               |
| 0.50mm2   |  | 1.43+/-0.03 [.056+/- .001] |  | 8.9                               |

|                  |  |                            |  |                                   |
|------------------|--|----------------------------|--|-----------------------------------|
| WIRE SIZE        |  | CRIMP HEIGHT<br>mm [INCH]  |  | CRIMP HEIGHT<br>REFERENCE SETTING |
| (2)0.50mm2 FLY-B |  | 1.61+/-0.03 [.063+/- .001] |  | 6.8                               |



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. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180.
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. 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.

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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| A   | 66   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |  |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |  |
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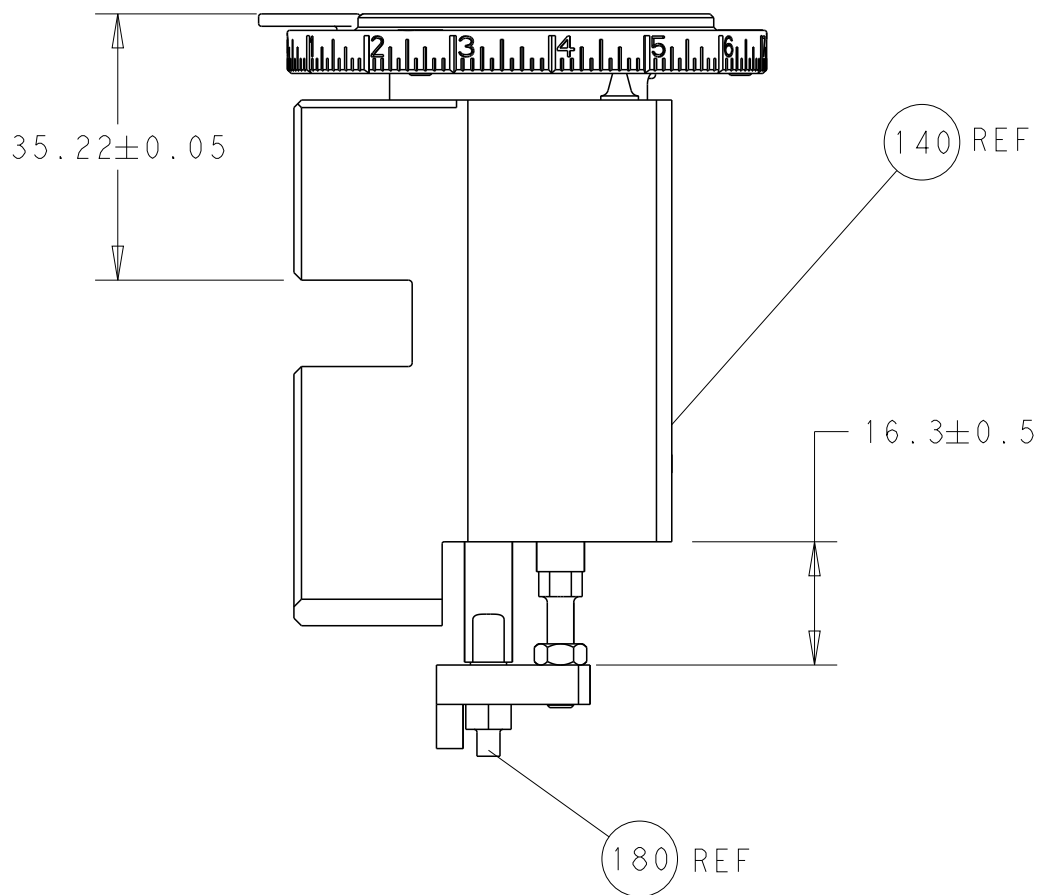
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|---|----------|-----|-------------|-------------------------------------|---------|
| - | 1        | 1   | 2119640-1   | PUSH ROD, AIR FEED                  | 250     |
| - | 1        | 1   | 1803259-1   | BUSHING, FLANGED                    | 249     |
| - | 1        | 1   | 2119082-9   | CAM, SNAIL, INSULATION ADJUSTMENT   | 244     |
| - | 1        | 1   | 2079764-1   | WASHER, WAVE SPRING, CREST-TO-CREST | 243     |
| - | 1        | 1   | 2119083-1   | RETAINER, INSULATION DIAL           | 242     |
| - | -        | 1   | 2119580-1   | MECHANICAL FEED ASSEMBLY            | 239     |
| - | 1        | -   | 2063440-1   | AIR FEED MODULE                     | 238     |
| - | 1        | 1   | 1-18028-0   | WASHER, FLAT, REG M8                | 192     |
| - | 4        | 4   | 2079383-9   | SCR, BHSC, RoHS (M6 X 20)           | 186     |
| - | 1        | 1   | 1-1976055-2 | STANDOFF, HOLD-DOWN                 | 180     |
| - | 1        | 1   | 6-993111-6  | PIN, SLOTTED SPRING 3.0 X 14.0      | 177     |
| - | 1        | 1   | 8-22280-7   | SPRING, COMPRESSION                 | 176     |
| - | 1        | 1   | 1752353-2   | GUIDE PIN,HOLDDOWN                  | 175     |
| - | 1        | 1   | 1901680-2   | GUIDE PIN,HOLDDOWN                  | 174     |
| - | 2        | 2   | 21045-3     | RING, RETAIN, EXTERN, 3/16 CRESCENT | 172     |
| - | REF      | REF | 994970-2    | COUNTER, MAGNETIC                   | 164     |
| - | 1        | 1   | 240638-1    | SPRING, FEED FINGER                 | 163     |
| - | 1        | -   | 2119641-2   | FEED CAM, AIR FEED                  | 152     |
| - | 1        | 1   | 2168083-8   | SCR, SKT HD CAP, RoHS, M4 X 16      | 144     |
| - | -        | 1   | 2119653-2   | FEED CAM, POST FEED                 | 142     |
| - | 1        | 1   | 2119655-6   | APPLICATOR BASIC ASSEMBLY, EF       | 141     |
| - | 1        | 1   | 1803518-1   | RAM ASSEMBLY, EF PACIFIC            | 140     |
| - | 1        | 1   | 3-23627-7   | PIN, RETAIN, GRVD, 3/16 X .854      | 137     |
| - | 1        | 1   | 2119955-2   | ASSY, LUBRICATOR, END FEED          | 84      |
| - | 1        | 1   | 455888-4    | SPACER, CRIMPER                     | 82      |
| - | 1        | 1   | 1803607-2   | DOCUMENTATION PACKAGE               | 71      |
| - | 2        | 2   | 2-18032-2   | SCR, SET, FLT PNT, M3 X 10.0        | 70      |
| - | 1        | 1   | 2119740-1   | TAG,IDENTIFICATION                  | 67      |
| - | 2        | 2   | 2168078-1   | SCREW, DRIVE, RH, RoHS, 2 x .188    | 66      |
| - | 1        | 1   | 1901681-5   | HOLDDOWN, TERMINAL                  | 65      |
| - | 2        | 2   | 2168400-5   | SHCS, LOW HEAD, RoHS, M4 X 20       | 64      |
| - | 1        | 1   | 5-18022-5   | SCR, HEX HD CAP, M4 X 6.0           | 59      |
| - | -        | 1   | 2063961-1   | FEED FINGER                         | 58      |
| - | 3        | 3   | 2168400-4   | SHCS, LOW HEAD, RoHS, M4 X 8        | 57      |
| - | 2        | 2   | 2168083-8   | SCR, SKT HD CAP, RoHS, M4 X 16      | 56      |
| - | 2        | 2   | 5018030-1   | NUT, HEX, REG, RoHS, M3             | 54      |
| - | 2        | 2   | 986965-8    | NUT, LOCK, HEX, TORQUE (M4)         | 53      |
| - | 1        | 1   | 1-5018030-0 | NUT, HEX, REG, RoHS, M3.5           | 52      |
| - | 1        | -   | 2119792-2   | PAWL, EF, AIR                       | 51      |
| - | 1        | 2   | 18023-9     | SCR, SKT HD CAP M4 X 6.0            | 49      |
| - | -        | 1   | 2119652-1   | FEED CAM, PRE FEED                  | 48      |
| - | 1        | 1   | 1803602-1   | SCR, BHSC, RoHS (M8 X 25)           | 41      |
| - | 7        | 7   | 1-18028-2   | WASHER, FLAT, REG M4                | 33      |
| - | 2        | 2   | 2079383-5   | SCR, BHSC, RoHS (M4 X 20)           | 31      |
| - | 2        | 2   | 2168083-2   | SCR, SKT HD CAP, RoHS, M4 X 8.0     | 29      |
| - | 1        | 1   | 240639-1    | STRIPPER (MACHINING)                | 27      |
| - | 2        | 2   | 1-2168083-5 | SCR, SKT HD CAP, RoHS, M4 X 30      | 25      |
| - | 1        | 1   | 1752371-5   | PLATE, STRIP GUIDE                  | 24      |
| - | 1        | 1   | 240825-1    | PLATE, STRIP HOLD DOWN              | 23      |
| - | 2        | 2   | 2-22281-3   | SPRING, COMPRESSION                 | 22      |
| - | 1        | 1   | 1803292-1   | DRAG                                | 20      |
| - | 2        | 2   | 1901259-4   | GUIDE, LOWER STRIP                  | 18      |
| - | 1        | 1   | 1752360-1   | SPACER,HOLD-DOWN                    | 13      |
| - | 1        | 1   | 240644-9    | PLATE, REAR SHEAR                   | 11      |
| - | -        | -   | -           | -                                   | 10      |
| - | 1        | 1   | 2-690495-6  | PLATE, FRONT SHEAR                  | 9       |
| - | 1        | 1   | 1-1333216-1 | ANVIL, COMBINATION                  | 8       |
| - | 1        | 1   | 2-690474-8  | BLADE, SLUG                         | 7       |
| - | 1        | 1   | 6-240641-5  | SPACER                              | 5       |
| - | 1        | 1   | 238011-2    | BLOCK, CRIMPER SPACER               | 4       |
| - | 1        | 1   | 1633963-1   | CRIMPER, INSULATION OVERLAP PREMIUM | 3       |
| - | 1        | 1   | 455888-8    | SPACER, CRIMPER                     | 2       |
| - | 1        | 1   | 456419-5    | CRIMPER, WIRE PREMIUM               | 1       |
| - | 77-22-21 |     | PART NO     | DESCRIPTION                         | ITEM NO |

|                                                                                                                                      |  |                            |                                              |  |
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| CHK<br>T.ELBIN<br>20FEB2012                                                                                                          |  | NAME                       | Ocean End Feed<br>Applicator                 |  |
| DIMENSIONS:<br>mm                                                                                                                    |  | PRODUCT SPEC               | SIZE<br>A1                                   |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH ±                |  | APPLICATION SPEC           |                                              |  |
| MATERIAL<br>-                                                                                                                        |  | WEIGHT<br>-                | Customer Accessible Production Drawing       |  |
|                                                                                                                                      |  | SCALE<br>1:1               | SHEET 3 OF 4                                 |  |
|                                                                                                                                      |  | REV<br>D                   |                                              |  |

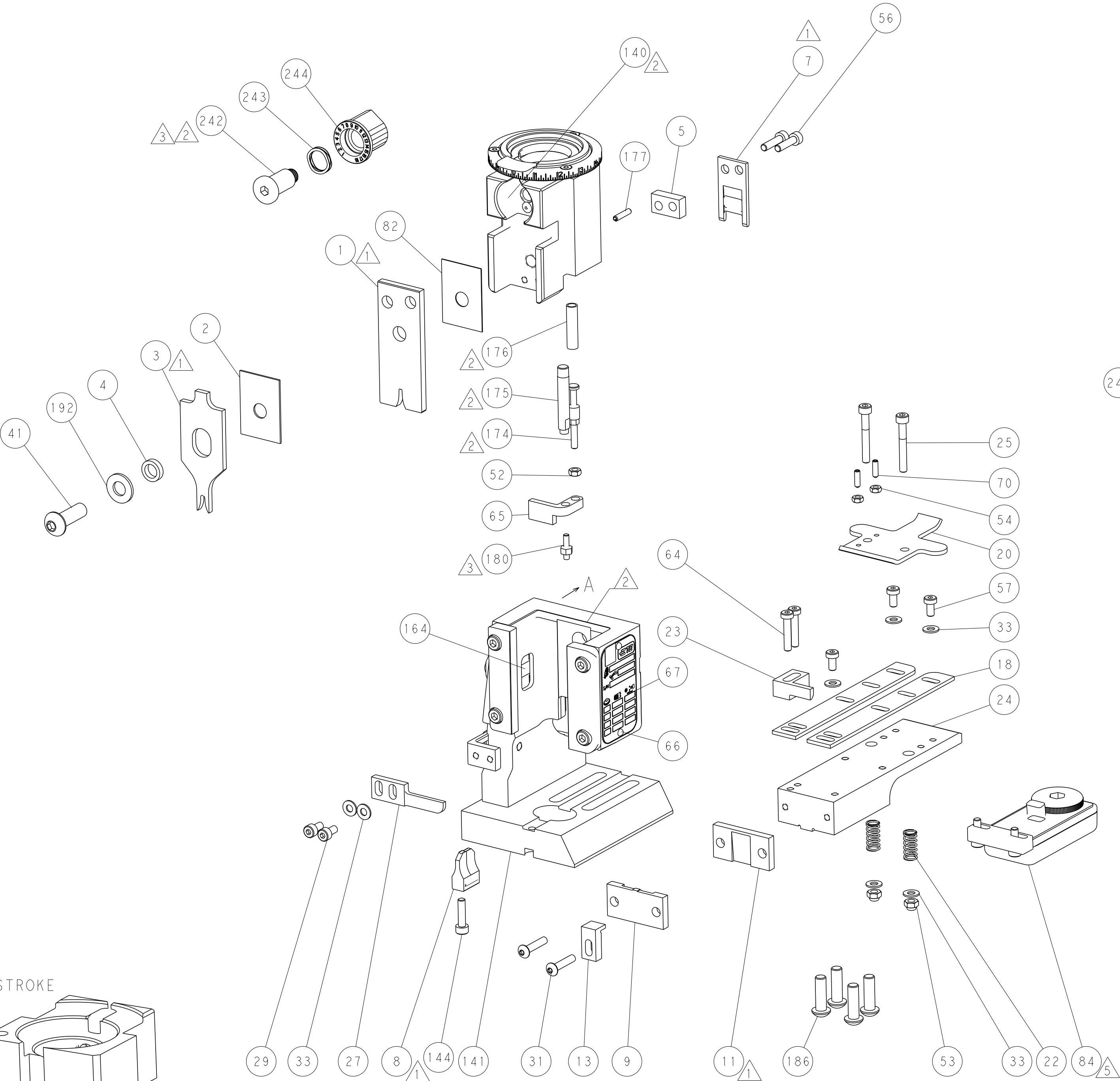
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION



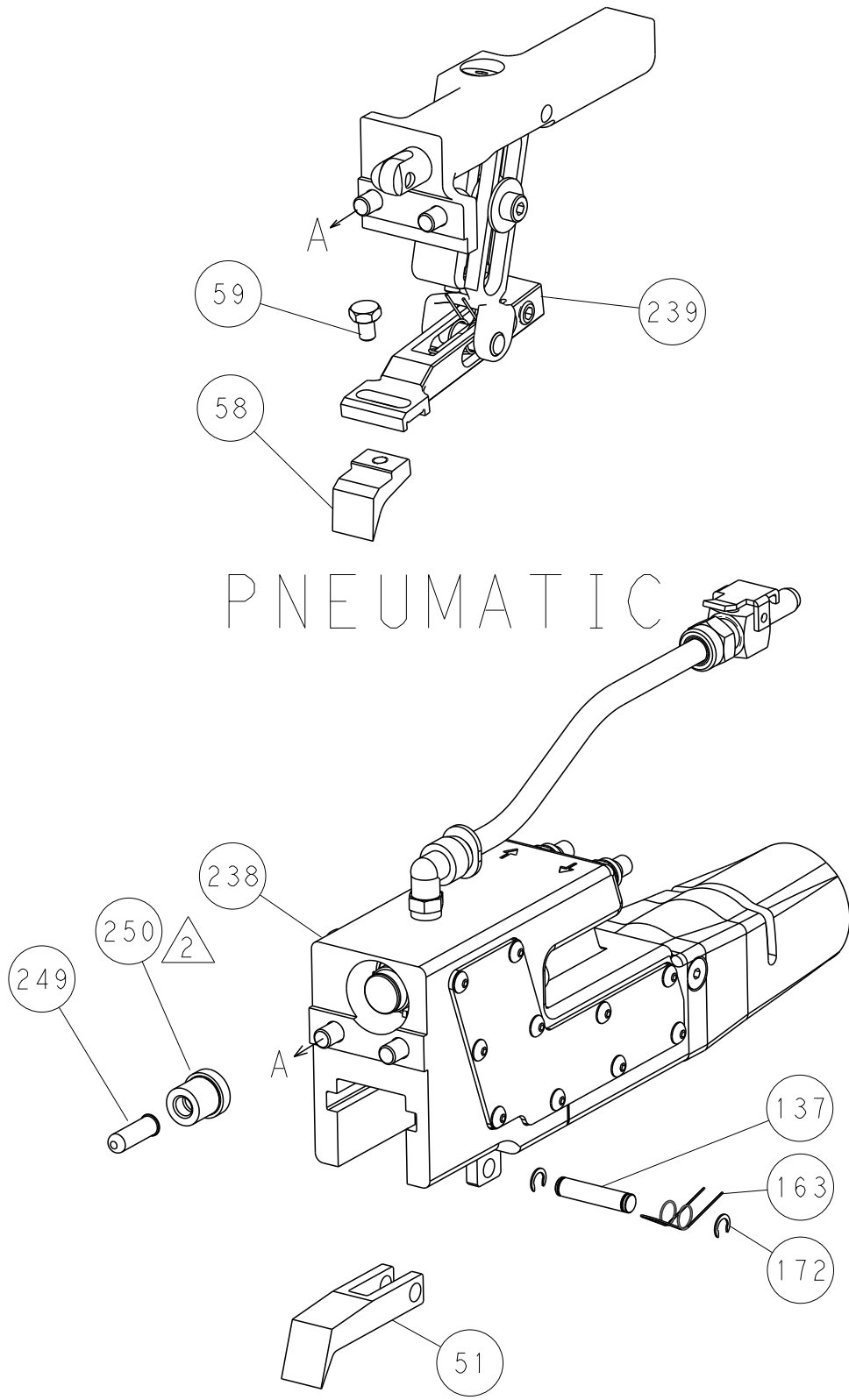
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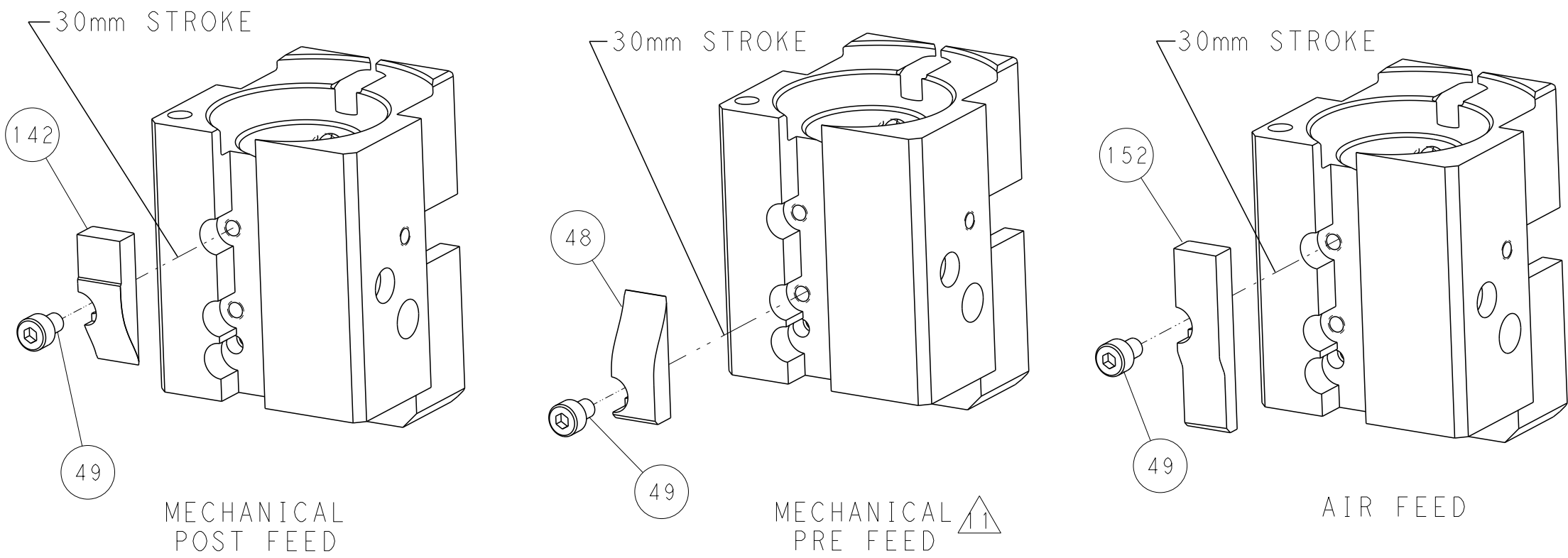
RAM AND HOLDDOWN SET-UP



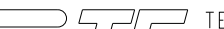
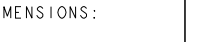
FEED TYPE  
MECHANICAL



CAM POSITIONS



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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| <div>DIMENSIONS:</div> <div>mm</div> <div></div>               |  |  |  |  |  |    |  |       |  | CHK              |  | T. ELBIN |  | 20FEB2012 |  |                                                                                                                                    |  | NAME                         |  |           |  |            |  |               |  |
|                                                                                                                                                     |  |  |  |  |  |    |  |       |  | APVD             |  | S. XI    |  | 20FEB2012 |  |                                                                                                                                    |  | Ocean End Feed<br>Applicator |  |           |  |            |  |               |  |
|                                                                                                                                                     |  |  |  |  |  |    |  |       |  | PRODUCT SPEC     |  |          |  |           |  |                                                                                                                                    |  | SIZE                         |  | CAGE CODE |  | DRAWING NO |  | RESTRICTED TO |  |
|                                                                                                                                                     |  |  |  |  |  |    |  |       |  | APPLICATION SPEC |  |          |  |           |  |                                                                                                                                    |  |                              |  |           |  |            |  |               |  |
|                                                                                                                                                     |  |  |  |  |  |    |  |       |  | WEIGHT           |  |          |  |           |  |                                                                                                                                    |  |                              |  |           |  |            |  |               |  |
| MATERIAL                                                                                                                                            |  |  |  |  |  |    |  |       |  |                  |  |          |  |           |  |                                                                                                                                    |  |                              |  |           |  |            |  |               |  |
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| Customer Accessible Production Drawing                                                                                                              |  |  |  |  |  |    |  |       |  | SCALE            |  | 1:1      |  | SHEET     |  | 4                                                                                                                                  |  | OF                           |  | 4         |  | REV        |  | D             |  |

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