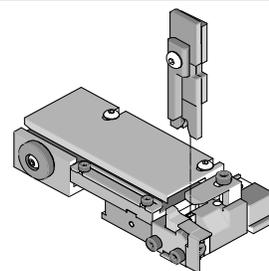




**T2 Terminator
Tooling**

**Application Tooling
Specification Sheet**



Order No. 63858-4000

FEATURES

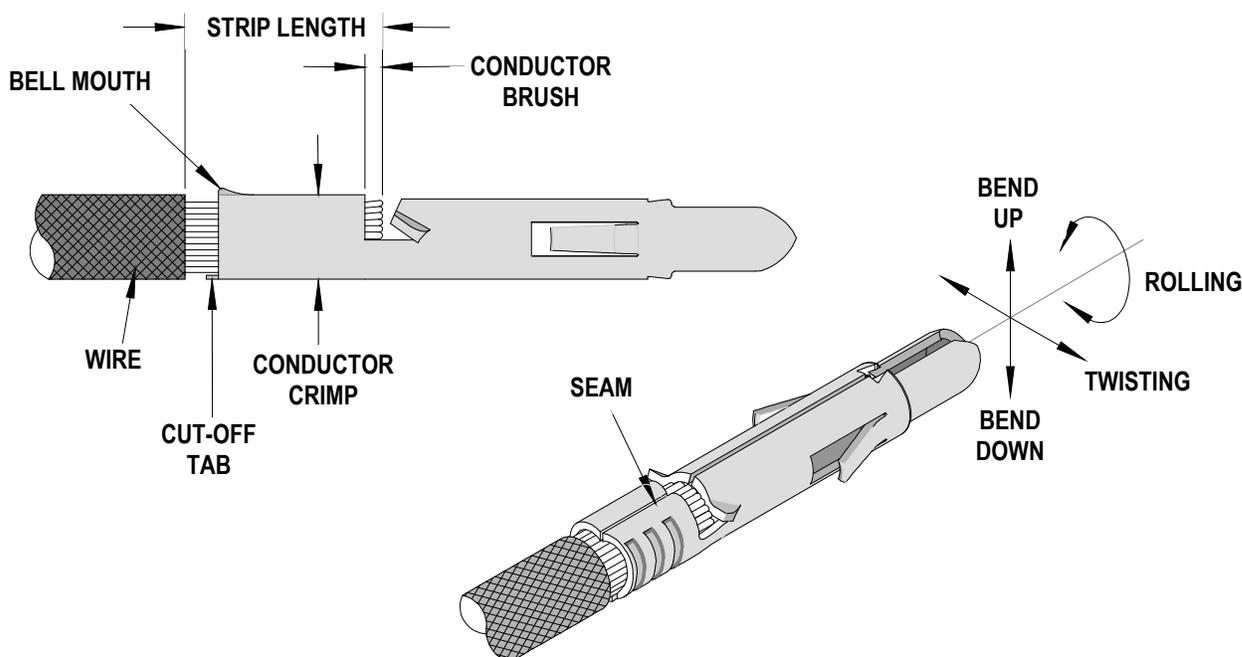
- This terminator can be installed in the TM42 and the TM40 press or base unit adapter for 3BF press
- It is ideally suited for mid-volume bench operations
- Quick punch removal with the push of a button for fast and easy tooling change
- Track adjustment capabilities in the T2 Terminators for improved control of the bell mouth size and cutoff tab length
- T2 Terminator has standardized tooling with the Molex FineAdjust applicator, which will reduce your inventory requirements

SCOPE

Products: MLX Double Crimp Terminals, 10-12 AWG.

| Terminal Series No. | Terminal Order No. | Wire Size | | Insulation Diameter | | Strip Length | |
|---------------------|--------------------|-----------|-----------------|---------------------|------|--------------|-----------|
| | | AWG | mm ² | mm | In. | mm | In. |
| 36663 | 36663-0001 | 10-12 | 5.00-3.30 | 5.08 | .200 | 6.40-7.14 | .252-.281 |
| 36664 | 36664-0001 | 10-12 | 5.00-3.30 | 5.08 | .200 | 6.40-7.14 | .252-.281 |

DEFINITION OF TERMS



CRIMP SPECIFICATIONS

| Terminal Series No. | Bell Mouth | | Cut-Off Tab Max. | | Conductor Brush | |
|---------------------|------------|-----------|------------------|------|-----------------|-----------|
| | mm | In. | mm | In. | mm | In. |
| 36663 | 0.30-0.60 | .012-.024 | 0.50 | .020 | 0.30-0.80 | .012-.031 |
| 36664 | 0.30-0.60 | .012-.024 | 0.50 | .020 | 0.30-0.80 | .012-.031 |

| Terminal Series No. | Bend Up | Bend Down | Twist | Roll | Punch Width (Ref) | | | | Seam |
|---------------------|---------|-----------|--------|------|-------------------|------|------------|-----|---|
| | | | | | Conductor | | Insulation | | |
| | Degree | | Degree | | mm | In. | mm | In. | |
| 36663 | 3 | 3 | 3 | 5 | 3.45 | .136 | N/A | N/A | Seam to be closed, and no wire is allowed out of the crimping area. |
| 36664 | 3 | 3 | 3 | 5 | 3.45 | .136 | N/A | N/A | |

CONDITIONS

After crimping, the conductor profiles should measure the following:

| Terminal Series No. | Wire Size | | Crimp Height | | | | Crimp Width | | | | Pull Force Minimum | |
|---------------------|-----------|-----------------|--------------|-----------|------------|-----|-------------|-----------|------------|-----|--------------------|-----|
| | | | Conductor | | Insulation | | Conductor | | Insulation | | | |
| | AWG | mm ² | mm | In. | mm | In. | mm | In. | mm | In. | N | Lb. |
| 36663 | 10 | 5.0 | 2.35-2.45 | .093-.095 | N/A | N/A | 3.50-3.60 | .138-.142 | N/A | N/A | 355.9 | 80 |
| | 12 | 3.3 | 1.90-2.00 | .075-.078 | N/A | N/A | 3.50-3.60 | .138-.142 | N/A | N/A | 311.4 | 70 |
| 36664 | 10 | 5.0 | 2.35-2.45 | .093-.095 | N/A | N/A | 3.50-3.60 | .138-.142 | N/A | N/A | 355.9 | 80 |
| | 12 | 3.3 | 1.90-2.00 | .075-.078 | N/A | N/A | 3.50-3.60 | .138-.142 | N/A | N/A | 311.4 | 70 |

Pull force should be measured with no influence from the insulation crimp. The above specifications are guidelines to an optimal crimp.

PARTS LIST

| T-2 Terminator 63858-4000 | | | | |
|--|------------------|------------------------|--------------------------------|-----------------|
| Item | Order No. | Engineering No. | Description | Quantity |
| Perishable Tooling | | | | |
| | 63858-4070 | 63858-4070 | Tool Kit (All "Y" Items) | REF |
| 1 | 63841-6173 | 63841-6173 | Conductor Punch | 1 Y |
| 2 | 63801-5972 | 63801-5972 | Conductor Anvil | 1 Y |
| 11 | 63443-0037 | 63443-0037 | Front Cut-Off Plunger | 1 Y |
| 13 | 63443-0038 | 63443-0038 | Front Cut-off Plunger Retainer | 1 Y |
| Other Components | | | | |
| 21 | 11-40-4039 | 8302-5 | Front Plunger Striker | 1 |
| 23 | 63443-0009 | 63443-0009 | Front Scrape Chute | 1 |
| 25 | 63700-0539 | 63700-0539 | Cut-Off Plunger Spring | 1 |
| 31 | 63443-2503 | 63443-2503 | Spacer (Anvil Mount) | 1 |
| 33 | 63443-0021 | 63443-0021 | Lower Tooling Key | 1 |
| 45 | 63443-4006 | 63443-4006 | Wire Stop | 1 |
| 72 | 11-18-4083 | 60707-8 | Front Cover | 1 |
| 73 | 63443-6130 | 63443-6130 | Rear Cover | 1 |
| Frame | | | | |
| 83 | 63800-8800 | 63800-8800 | T2 Terminator | 1 |
| Hardware | | | | |
| 91 | N/A | N/A | M3 by 6Lg. SHCS | 2** |
| 92 | N/A | N/A | M4 by 6Lg. SHCS | 1** |
| 93 | N/A | N/A | M4 by 10Lg. BHCS | 2** |
| 94 | N/A | N/A | M4 by 50Lg. SHCS | 2** |
| 95 | N/A | N/A | M4 by 16Lg. SHCS | 1** |
| 96 | N/A | N/A | #10-32 by 1/4"Lg. BHCS | 1** |
| 97 | N/A | N/A | 3MM by 6Lg. Roll Pin | 1** |
| ** Available from an industrial supply company such as MSC (1-800-645-7270). | | | | |

Assembly Drawing

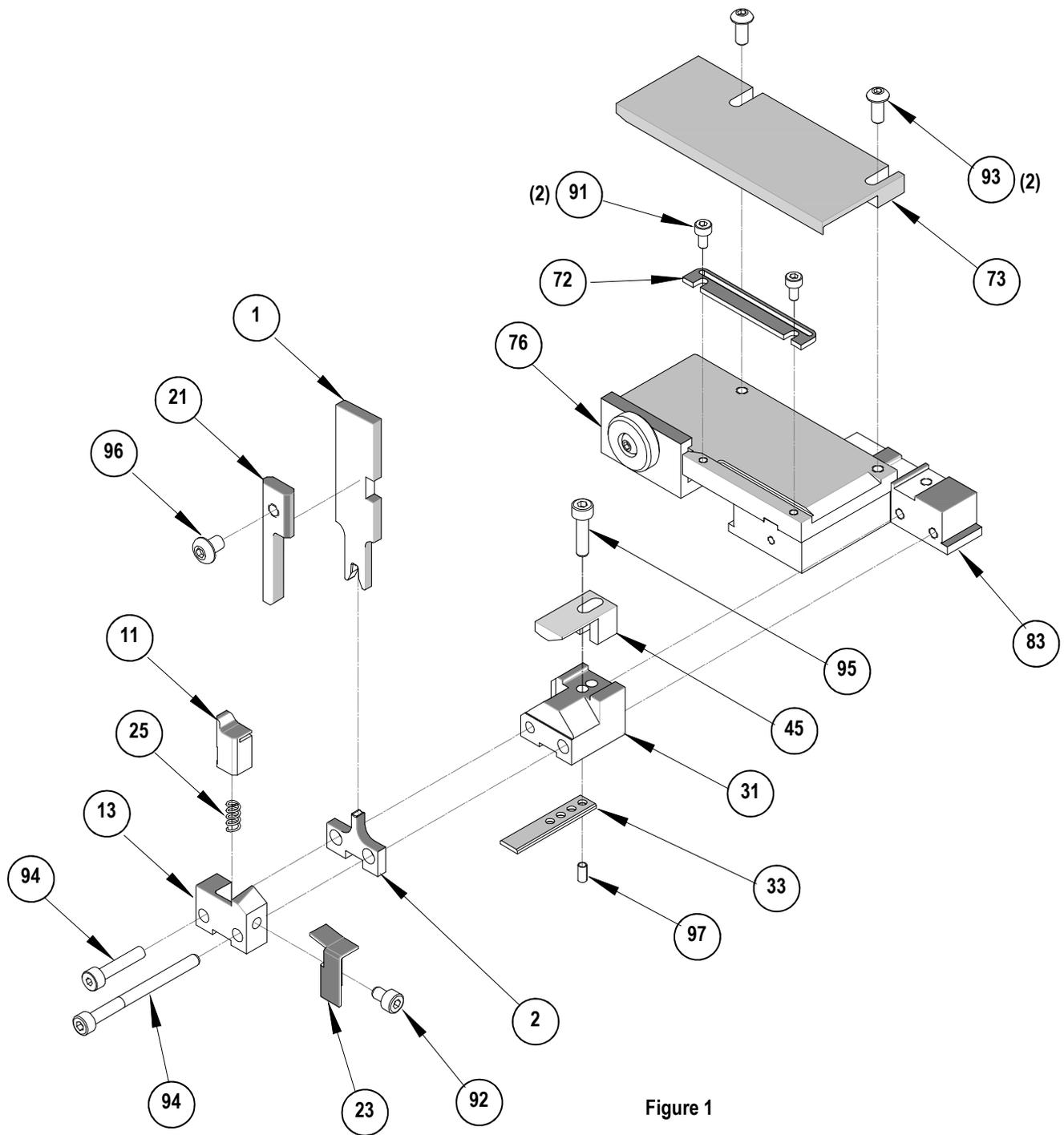


Figure 1

NOTES

Depending on the press vintage, a feed finger assembly is supplied with the T2 Terminator.

1. To remove the existing feed finger assembly, loosen the M4 x 10mm set screw in the feed lever.
2. Select the T2 feed finger assembly from the Terminator box.
3. Insert a screwdriver into the slot behind the feed lever, and force the feed arm spring to the right.
4. Slide the T2 feed finger shaft for the TM42 (11-40-5307) or (11-40-0123) for the TM40/Base Unit into the feed lever and to the left of the feed arm spring.
5. Release the feed arm spring.
6. Position the feed finger for the selected product (Refer to Figure 5.1 in the T2 manual.).

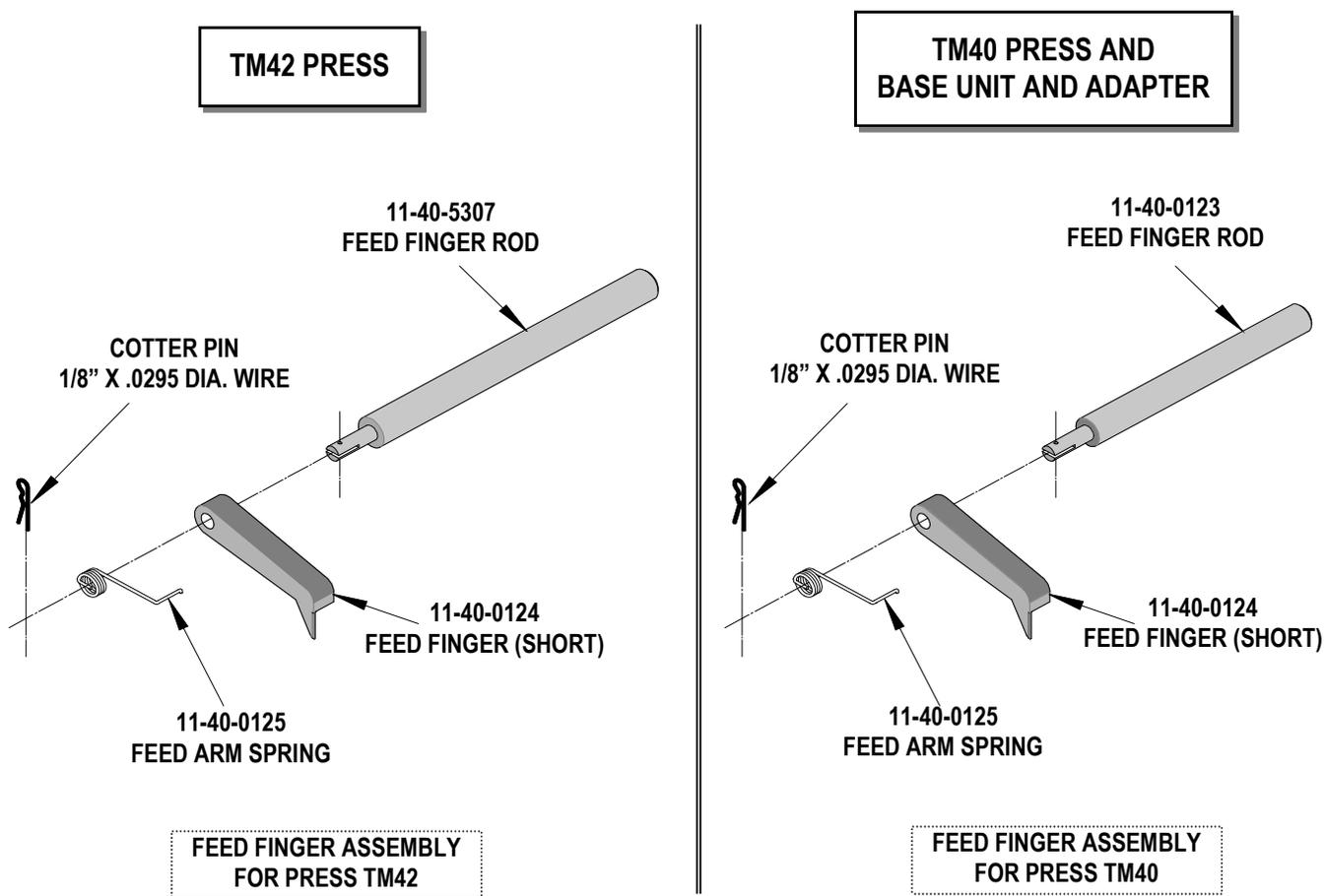


Figure 2

NOTES

1. Molex recommends that an extra perishable tooling kit be maintained at your facility.
2. Verify tooling alignment by manually cycling the press before crimping under power. Check that all screws are tight.
3. Slugs, terminals, dirt and oil should be kept clear of the work area.
4. This terminator should be only used in a Molex TM42, TM40 or 3BF press with a base unit adaptor.
5. Wear safety glasses at all times.
6. For recommended maintenance refer, to the TM40, TM42 manual.

CAUTION: To prevent injury, never operate this terminator without the guards supplied with the press or in place. Reference the TM42 press manufacturer's instruction manual.

CAUTION: Molex crimp specifications are valid only when used with Molex terminals, applicators and tooling.

Application Tooling Support

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