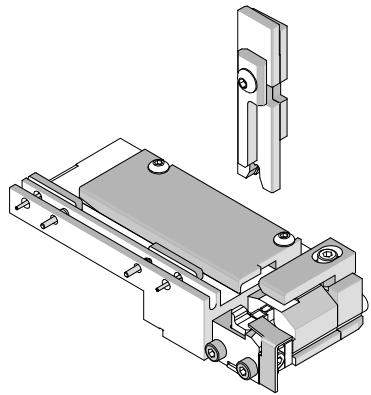




T Style Terminator Tooling Specification Sheet

Part No. 63840-4000



FEATURES

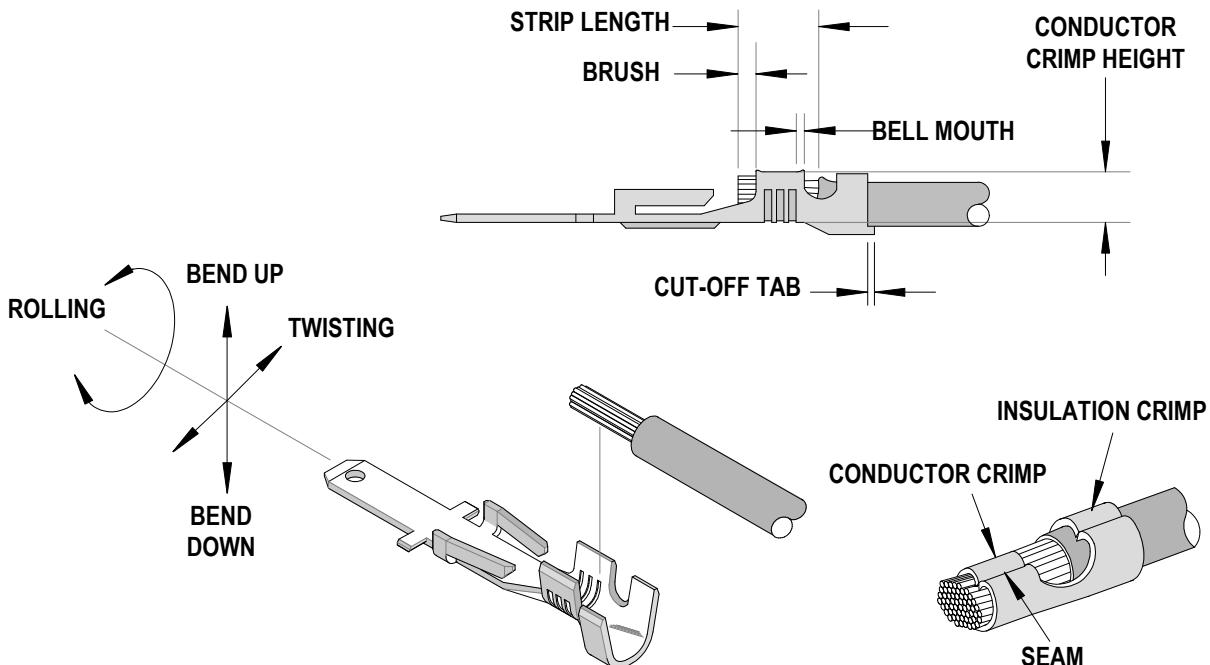
- It is ideally suited for mid-volume bench operations
- This terminator can be installed in the TM42 and Base Unit adapter for 3BF press
- Quick punch removal with the push of a button for fast and easy tooling change
- Flexible and inexpensive

SCOPE

Products: Sabre™ Crimp Terminal 18 AWG only.

Terminal Series No.	Terminal Order No.	Wire Size		Insulation Diameter		Strip Length	
		AWG	mm ²	mm	In.	mm	In.
43178	43178-1001	18	0.80	2.36-3.56	.093-.130	3.96-5.54	.156-.218
	43178-1002						
	43178-5001						
	43178-5002						

DEFINITION OF TERMS



CRIMP SPECIFICATIONS

Terminal Series No.	Bell mouth		Cut-off Tab Max.		Conductor Brush	
	mm	In.	mm	In.	mm	In.
43178	0.25-1.00	.010-.039	0.50	.019	1.50	.059

Terminal Series No.	Bend up	Bend down	Twist	Roll	Punch Width (Ref)		Seam Seam shall not be open and no wire allowed out of the crimping area
					Conductor	Insulation	
	Degree	Degree	mm	In.	mm	In.	
43178	3	3	4	8	3.20	.126	4.30 .169

After crimping, the conductor profile should measure the following.

Terminal Series No.	Wire Size		Crimp Height		Pull Force Minimum	
	AWG	mm ²	mm	In.	N	Lb.
43178	18	0.80	1.78-1.88	.070-.074	88.9	20.00

Pull Force should be measured with no influence from the insulation crimp.

The above specifications are guidelines to an optimum crimp.

PARTS LIST

T-Style Terminator 63840-4000				
Item	Order No	Engineering No.	Description	Quantity
Perishable Tooling				
	63840-4070	63840-4070	Tool Kit (All "Y" Items)	REF
1	63444-3217	63444-3217	Conductor Punch	1 Y
2	63445-3262	63445-3262	Conductor Anvil	1 Y
3	63446-4321	63446-4321	Insulation Punch	1 Y
4	63445-4327	63445-4327	Insulation Anvil	1 Y
5	63443-0002	63443-0002	Cut-Off Plunger	1 Y
6	63443-0012	63443-0012	Front Plunger Retainer	1 Y
Other Components				
7	11-18-5415	60842A111	Anvil Mount	1
8	11-18-5440	60842A117	Rear Cover	1
9	11-40-4039	8302-5	Front Plunger Striker	1
10	11-40-4068	8302-102	Drag Finger	1
11	11-40-4069	8302-103	Pivot Pin	2
12	11-40-4144	8302-110	Torsion Spring	1
13	11-40-4145	8302-111	Torsion Spring (Stop Finger)	1
14	11-40-4231	8329-10	Stop Finger	1
15	63443-0009	63443-0009	Scrap Chute	1
16	63443-0021	63443-0021	Mounting Key	1
17	63700-0539	63700-0539	Heavy Duty Cut-Off Plunger Spring	1
18	63840-6011	63840-6011	Wire Stop	1
19	63840-6020	63840-6020	Terminal Track	1
Hardware				
20	N/A	N/A	M4 by 6 Long SHCS	1**
21	N/A	N/A	M4 by 10 Long BHCS	2**
22	N/A	N/A	M4 by 12 Long SHCS	1**
23	N/A	N/A	M4 by 16 Long SHCS	1**
24	N/A	N/A	M4 by 24 Long SHCS	2**
25	N/A	N/A	#10-32 by 3/8" Long BHCS	1**
26	N/A	N/A	3mm by 6 Long Roll Pin	1**
27	N/A	N/A	3/64" Diameter Spirol Pin	2**

** Available from an industrial supply company such as MSC (1-800-645-7270).

Assembly Drawing

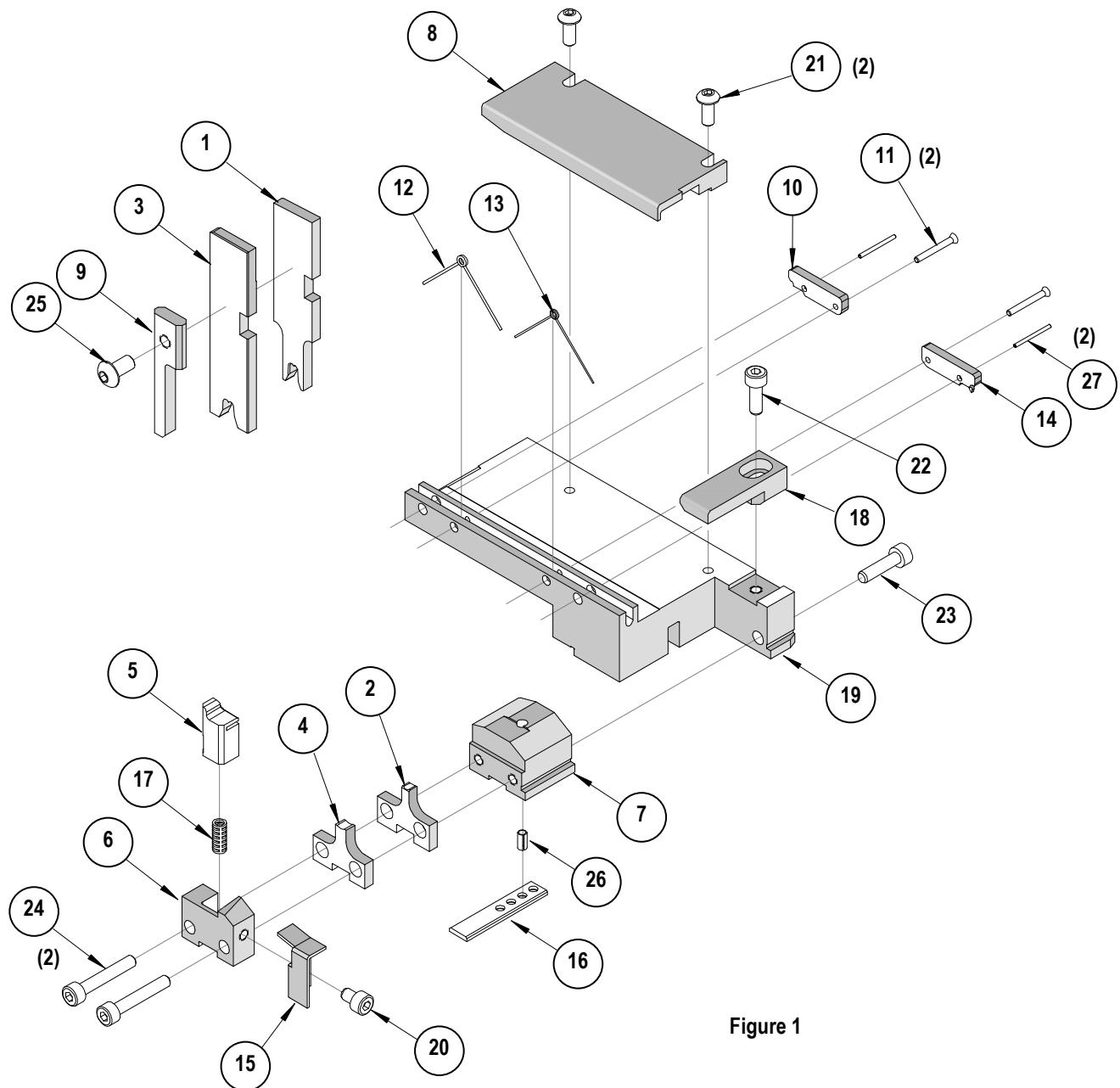


Figure 1

NOTES

1. Molex recommends 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 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 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.

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