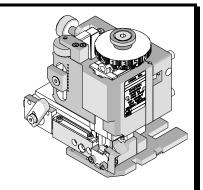


FineAdjust Applicator Specification Sheet Order No. 63900-5000



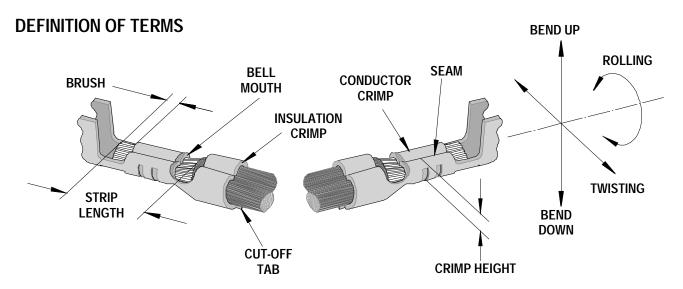
FEATURES

- Quick punch removal with the push of a button for fast and easy tooling change
- Applicator designed to industry standard mounting and shut height 135.80mm (5.346")
- Quick set-up time; plus the crimp height, track and feed adjustments can be set without removing the applicator from the press
- Fine adjustment allows users to achieve target with little effort by adjusting in increments of .015mm (.0006") for conductor crimp height and .063mm (.0025") for insulation height
- Independent adjustment rings allow users to quickly adjust the conductor or insulation crimp height without affecting each other
- Directly adapts to most automatic wire processing machines

SCOPE

Products: 2.50mm (.098") Pitch SPOX™ Male Crimp Terminal, 22 - 24 AWG.

Terminal Series No.	Terminal Order No.		Wire Size		Insulation Diameter		Strip Length	
			AWG	mm²	mm	ln.	mm	ln.
	08-70-1039	39-00-0042		0.35-0.08	1.15-1.90	.045075	2.40-2.90	.094114
5263	08-70-1045	39-00-0151	22 - 28					
	08-70-1047	98-00-0242						
	08-70-1048							
45627	45627-0001	45627-1001	22 - 24	0.35-0.20	1.15-1.90	.045075	2.40-2.90	.094114
	45627-0002	45627-1002	22 - 24					.094114



The above terminal drawing is a generic terminal representation. It is not an image of a terminal listed in the scope.

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CRIMP SPECIFICATION

Terminal Series No.	Bell r	nouth	Cut-off Tab	Maximum	Conductor Brush		
	reminal Series No.	mm	ln.	mm	ln.	mm	ln.
	5263	0.20-0.50	.008020	0.30	.012	0.00-1.00	.000039
	45627	0.20-0.50	.008020	0.30	.012	0.00-1.00	.000039

	Bend up Bend down		Twist	Roll	Punch Width (Ref)			ef)	Coom	
Terminal Series No.	Degree		Degree		Conductor		Insulation		Seam Seam shall not be	
					mm	In	mm	In	open and no wire allowed	
5263	4	2	8	8	1.40	.055	1.90	.075	 out of the crimping area 	
45627	4	2	8	8	1.40	.055	1.90	.075	out of the chiliping area	

After crimping, the conductor profile should measure the following.

Terminal Series No.	Wire Size		Crimp	Height	Pull Force Minimum		
Terriniai Series No.	AWG	mm ²	mm	ln.	N	Lb.	
	22	0.35	0.69-0.76	.027030	39.1	8.8	
5263	24	0.20	0.63-0.70	.025028	29.4	6.6	
3203	26	0.12	0.59-0.65	.023026	19.6	4.4	
	28	0.08	0.57-0.63	.022025	9.8	2.2	
45627	22	0.35	0.69-0.76	.027030	39.1	8.8	
43027	24	0.20	0.63-0.70	.025028	29.4	6.6	

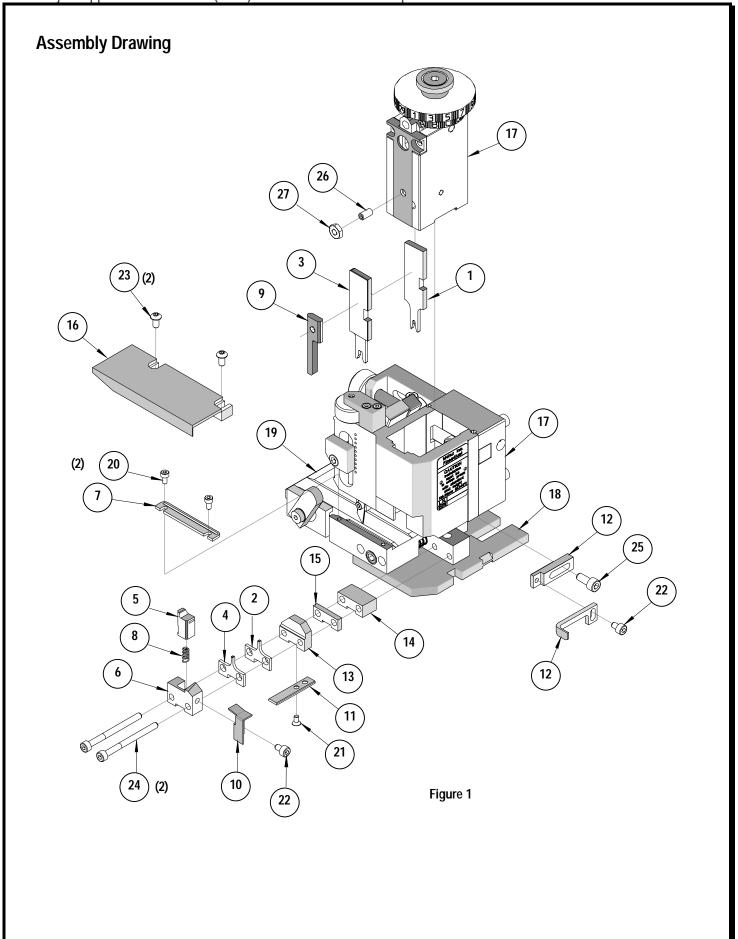
Pull Force should be measured with no influence from the insulation crimp. The above specifications are guidelines to an optimum crimp.

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PARTS LIST

FineAdjust Applicator 63900-5000									
Item	Order No	Engineering No.	Description	Quantity					
Perishable Tooling									
	63900-5070	63900-5070	Tool Kit (All "Y" Items)	REF					
1	63444-1413	63444-1413	Conductor Punch	1 Y					
2	63445-1435	63445-1435	Conductor Anvil	1 Y					
3	63446-1906	63446-1906	Insulation Punch	1 Y					
4	63445-1906	63445-1906	Insulation Anvil	1 Y					
5	63443-0002	63443-0002	Front Cut-Off Plunger	1 Y					
6	63443-0012	63443-0012	Front Plunger Retainer	1 Y					
		Other Compo	onents (REF 005050)						
7	11-18-4083	60707-8	Feed Guide	1					
8	11-24-1067	4996-4	Cut-Off Plunger Spring	1					
9	11-40-4039	8302-5	Plunger Striker	1					
10	63443-0009	63443-0009	Front Scrap Chute	1					
11	63443-0024	63443-0024							
12	63443-0090	63443-0090	Wire Stop	1					
13	63443-1703	63443-1703	17.30mm Height Spacer	1					
14	63443-2216	63443-2216	16.00mm Coarse Spacer	1					
15	63443-2310	63443-2310	3.50mm Fine Spacer	1					
16	63443-6113	63443-6113	Rear Cover	1					
Frame									
17	63800-4901	63800-4901	Тор	1					
18	63801-3281	63801-3281	Base	1					
19	63801-4650	63801-4650	Track	1					
		Н	lardware						
20	N/A	N/A	M3 by 6 Long SHCS	2**					
21	N/A	N/A	M3 by 6 Long FHCS	1**					
22	N/A	N/A	M4 by 6 Long SHCS	2**					
23	N/A	N/A	M4 by 12 Long BHCS	2**					
24	N/A	N/A	M4 by 50 Long SHCS	2**					
25	N/A	N/A	M5 by 12 Long SHCS	1**					
26	N/A	N/A	#10-32 by 3/8"Long Flat Point SSS	1**					
27	N/A	N/A	#10-32 Hex Jam Nut	1**					
**	** Available from an industrial supply company such as MSC (1-800-645-7270).								

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NOTES

- 1. Molex recommends an extra perishable tooling kit be maintained at your facility.
- 2. Verify tooling alignment by manually cycling the press and Applicator before crimping under power. Check that all screws are tight.
- 3. Slugs, Terminals, Dirt and Oil should be kept clear of work area.
- 4. Wear safety glasses at all times.
- 5. For recommended maintenance refer to the FineAdjust Manual.

CAUTION: This applicator should only be used in a press with a shut height of 135.8 mm (5.346"). Tooling damage could result at a lower setting.

CAUTION: To prevent injury never operate this Applicator without the guards supplied with the press or wire-processing machine in place. Reference the press or wire processing manufacturer's instruction manual.

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

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