

**Order Number  
19289-0800**



**Application Tooling Specification**

**TOOLING**

- The DIN-style die set is used on crimp tools and adapters listed below. Each crimp tool requires an adapter to process the DIN-style die set.
  - 63801-8900 - Pneumatic Universal Crimp Machine UP 60
    - 63801-8901 Adapter
  - 63816-1000 – 12-ton Battery Powered Crimp Tool (115V)
    - 63816-1100 Adapter
  - 63816-1050 – Battery Powered Crimp Tool (230V)
    - 63816-1100 Adapter
- Refer to the appropriate crimper instruction manual for installation and operation information.

**SCOPE**

**Products:** LP CST Female Terminal for 1/0 AWG wire.

Terminal Series No.	Terminal Order No.	Wire Size		Strip Length	
		AWG	mm <sup>2</sup>	mm	In.
204608	204608-0001	1/0	—	20	.787

**TESTING**

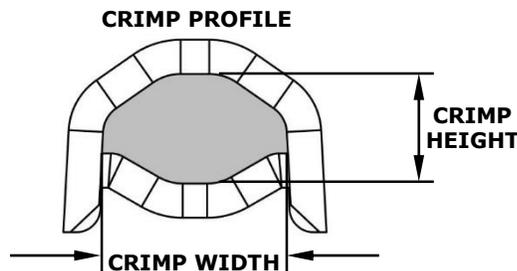
The *tensile test* or *pull test* is a means of evaluating the mechanical properties of the crimped connections. The following chart shows the specifications for the wire size. The tensile strength is shown in newtons and pounds, and it indicates the minimum acceptable force to break or separate the terminal from the conductor.

Wire Size (AWG)	Minimum Pull (UL 486)	
	N	Lb.
1/0	1,112	250

**CRIMP MEASUREMENT**

After crimping, the terminal crimp profiles should measure the following:

Terminal Series No.	Wire Size	Wire Size	Crimp Height (Ref)		Crimp Width (Ref)	
	AWG	mm <sup>2</sup>	mm	In.	mm	In.
204608	1/0	—	7.00-7.20	.276-.283	11.80-12.00	.465-.472



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

**PARTS LIST**

Item Number	Order Number	Description	Quantity
	<b>19289-0800</b>	<b>Crimp Tooling Kit – 1/0 AWG</b>	<b>REF</b>
1	19289-0801	Conductor Anvil	1
2	19289-0802	Conductor Punch	1

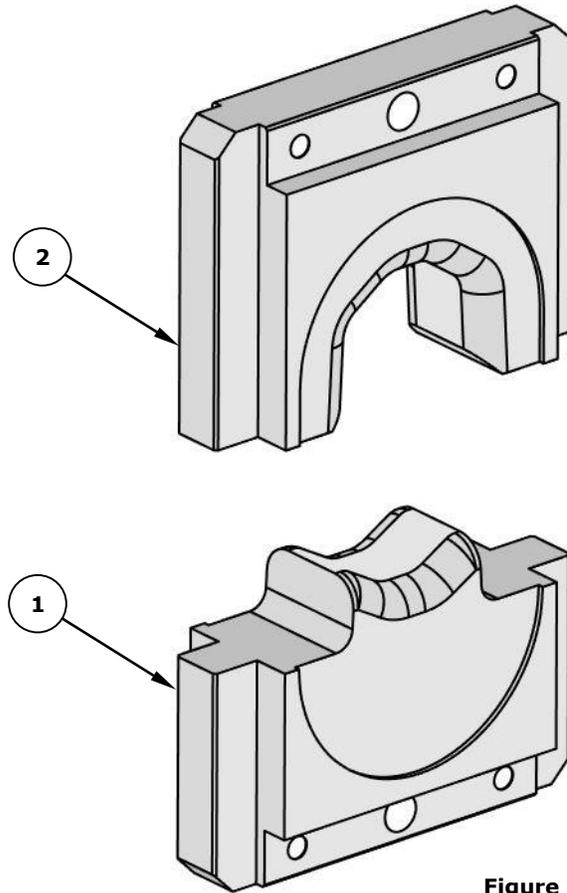


Figure 1

**Application Tooling Support**

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