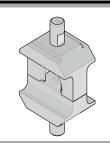


Crimp Tool Kit For Imperium Plus

Application Tooling Specification Sheet



Order No. 19290-0300

SCOPE

Tooling: Crimp Tool Kits are used with the Hydraulic Head Crimper with the Air/Hydraulic Pump (19286-1000).

Refer to the appropriate tool instruction manual for installation and operation information.

Products: Imperium Plus terminals to 2/0 AWG pre-tinned copper wire.

Note: For 2/0 AWG bare copper wire, see 19290-0350 Crimp Tool Kit specification sheet.

Refer to the Product part number charts on this sheet for terminals.

Testing

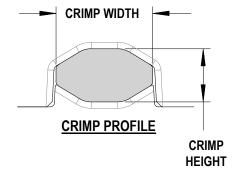
The tensile test or pull test is a means of evaluating the mechanical properties of the crimped connections. The following chart shows the specifications for the wire size. The tensile strength is shown in Newton and (pounds) and indicates the minimum acceptable force to break or separate the terminal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

Wire Size (AWG)	Minimum Pull (UL 486)		
2/0	1334N (300 lbs.)		

Crimp measurement

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

Terminal	Wire Size		Crimp Height (Ref)		Crimp Width (Ref)	
Series No.	AWG	Wire Style	mm	ln.	mm	ln.
171423 / 171562	2/0	Pre-Tinned	8.68-8.88	.342350	15.85-16.05	.624632



The following is a Partial List of the Product Part Numbers and their specifications that this tooling is designed to crimp. We will be adding to this list and an up to date copy is available on www.molex.com.

Terminal Series	Terminal No	Wire Size (AWG)	Wire Strands / AWG	Wire Strip Length	
reminal Series	Terminar No.	Wife Size (AWG)	Wile Strainus / AVVG	In	mm
171423	171423-1002	2/0	1330 / 30	0.87	22
171562	171562-7001	(Pre-Tinned)	1330 / 30	0.07	22

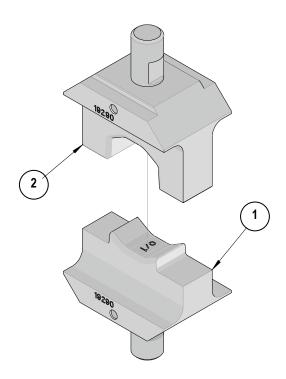
CAUTION: Molex crimp specifications are valid only when used with Molex terminals and tooling.

UNCONTROLLED COPY Doc No.: ATS-192900300 Release Date: 09-28-12 Page 1 of 2 Revision Date: 09-11-14

Revision: B

Parts List

Item	Order No.	Description	Qty
	19290-0300	Crimp Tooling Kit	REF
1	19290-0301	Conductor Anvil	1
2	19290-0302	Conductor Punch	1



Visit our Web site at http://www.molex.com

Doc No.: ATS-192900300 Release Date: 09-28-12 **UNCONTROLLED COPY** Page 2 of 2 Revision: B Revision Date: 09-11-14