Contact Crimping Tool

For Size 20, 16, or 12 Machined Contacts

Available in:

Size 20 Tool - P/N: AUTK-20

Size 16 Tool - P/N: AUTK-16

Size 12 Tool - P/N: AUTK-12



Instruction Sheet

P/N: AUTK-201612-S

Contact Crimping Tool

Our **Contact Crimping Tools** are available for Size 20, Size 16 and Size 12 machined pin and socket contacts and are ideal for use with our wide variety of connectors, especially within the Heavy Equipment, Agricultural, Automotive, Military, Alternate Energy, and other demanding interconnect architectures.

Key Features

- We offer three (3) different Contact Crimping Tools based on contact size:
  - **Size 20 Tool** - P/N: AUTK-20
  - **Size 16 Tool** - P/N: AUTK-16
  - **Size 12 Tool** - P/N: AUTK-12
- Industry standard 4 indent/8 impression crimper for reliably secure crimps
- Smooth ratcheting mechanism ensures consistent results every time
- Adjustable crimping force (1-7 settings) provides adaptability to a variety of contacts
- High-quality materials ensure durability and long term wearability



Contact Crimping Tool

Contact Crimping Tool Detail
4 Indents/8 Impressions





Crimped Samples - Pin/Socket

Note: For the purposes of this document, generic images may be shown. Your specific tool will be labeled with our logo, contact size and corresponding part numbers.

How To Adjust The Tool



Adjustment Screw & Crimping Force Levels

Our Contact Crimping Tool is able to be fine tuned for different wire sizes.

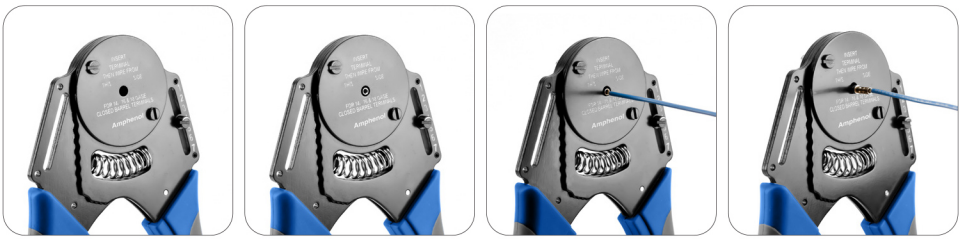
To select a specific crimping force, simply loosen the adjustment screw and slide to your desired number, then re-tighten the screw.

Note: Adjustment levels will be dependent on your individual pull-test results.

Strip Dimension Chart

Contact Type	Contact Size	Wire AWG Range	Strip Dimension In. (mm)
Pin	20	20 - 16	0.156 - 0.218 (3.96 - 5.54)
Socket	20	20 - 16	0.156 - 0.218 (3.96 - 5.54)
Pin	16	24 - 14	0.250 - 0.312 (6.35 - 7.92)
Socket	16	24 - 14	0.250 - 0.312 (6.35 - 7.92)
Pin	12	14 - 10	0.222 - 0.284 (5.64 - 7.21)
Socket	12	14 - 10	0.222 - 0.284 (5.64 - 7.21)

How To Crimp Contact



Step 1 **Step 2** **Step 3** **Step 4**

Step 1: Squeeze the handles together until the crimper handles fully open

Step 2: Insert the contact into the cavity and make sure the barrel end is facing out

Step 3: Insert the prepared wire into the barrel end of the contact

Step 4: Squeeze the handles together until the crimper automatically opens. Remove contact from tool

A ASeries™ Family

Our **Contact Crimping Tools** are ideal for use with our **A Series™ Family** of sealed heavy-duty, multi-pin plastic and metal connectors. The connectors were developed as a high-performance, cost-effective solution for use with Heavy Equipment, Agricultural, Automotive, Military, Alternate Energy, and other demanding interconnect architectures. The A Series™ Family bridges the gap between controlled and harsh environmental conditions to keep you connected.



We can custom design, engineer and manufacture cable assemblies to your exact customer specifications and produce large or small quantities, all to the highest standards, delivered on-time and in-specification, all with a significant cost-savings over the competition.

By combining locally based Program Management & Engineering, along with the associated cost advantages derived from manufacturing in our low-cost production centers in North America and Asia, our Team will work with you to design the most cost-efficient and reliable interconnect system available. For more information, go to **www.amphenol-sine.com**.

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