

Home > Products > Crimping and Stripping > PA-24



PA-24 Micro Connector Crimping Pliers

More than 170 different terminals applicable

- Specialty of 2.5mm pitch connector contacts of different connector manufacturers, works with JST XH, PH, EH & NH series, Molex Micro-Fit, KK series, etc. AWG #32-#18
- Perfectly crimps triangular insulation barrel (lugs) of DuPont (Servo) connector, Molex C-Grid III, etc. without damaging the insulations.
- 6 Crimping Dies ('m'-shaped crimp: 1.3, 1.6, 1.9 & 2.2mm in width & Round crimp: ϕ 1.4 & ϕ 1.8mm) for open-barrel contacts
- Built-in screw cutter (M2, M2.6 & M3)
- Tapered and slender jaws, Light weight of 115g only
- Spring loaded (on the back side), with locking latch for easy handling

[Video](#)
[Features](#)
[Related Products](#)
[Note](#)
[Specifications](#)

Click here! [\[Crimp Contact Application Chart\]](#)

[JST Crimp Contacts](#)

[Molex Crimp Contacts](#)

[TE Crimp Contacts](#)

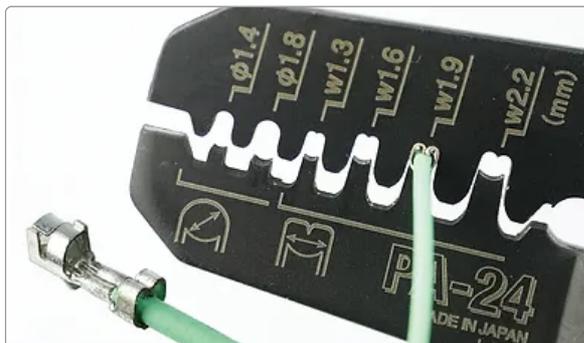
[HRC Contacts & JAE Contacts](#)

Video

Features

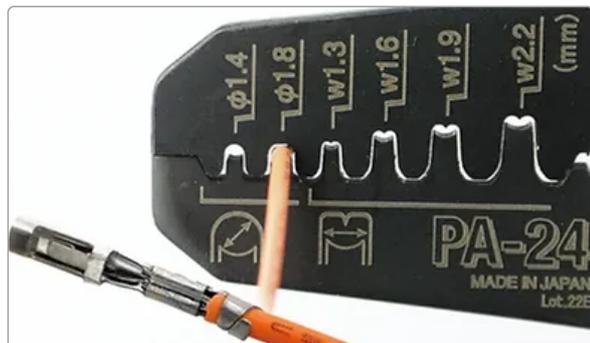
M-shaped Dies [1.3, 1.6, 1.9 & 2.2mm in width]

The conductor barrel can be crimped securely.
The insulation barrel can be curled up very tidily.



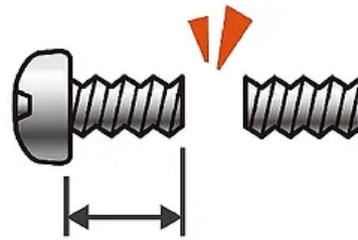
Round Dies (For DuPont contact etc.) [ϕ 1.4 & ϕ 1.8mm]

Wrap triangular lugs of the barrel around the insulation without damage.





※ Round Crimp dies for Insulation barrel only



Min. Thread Length: 3.5mm

Related Products

Line-up of Super Precision Crimping Pliers for open barrel terminals



PA-09

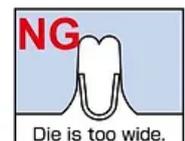
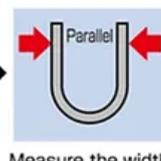


PA-20



PA-21

How to select the suitable crimping dies

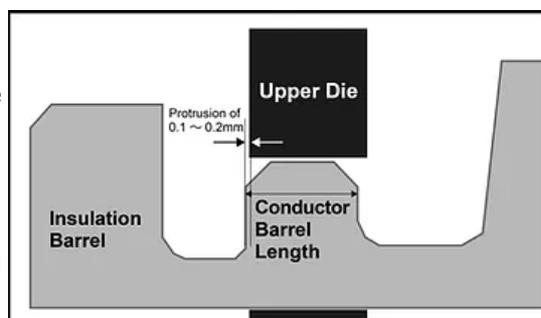


1. Measure the width of conductor barrel or insulation barrel with a caliper while both barrel lugs are adjusted in parallel.

2. Select the die width that is close to the width of barrel lugs measured. Example: 1.5mm measured --> Select 1.6mm dies.

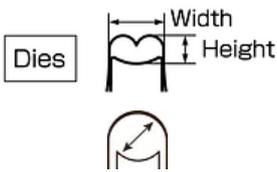
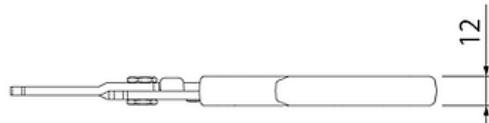
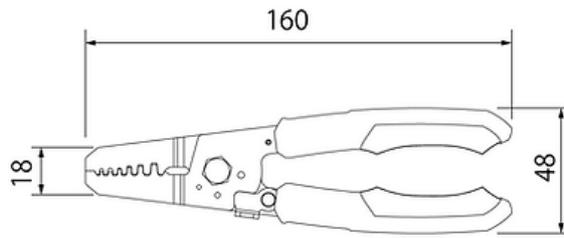
3. **Conductor Barrel (Lug) Crimping :**
It is better to offset the rearmost edge of conductor barrel (lug) 0.1-0.2 mm from the edge of the upper die to form a bellmouth on the edge of the crimped barrel. (as per the figure on the right)

Insulation Barrel (Lug) Crimping :
Set the insulation barrel (lug) at the center of the upper die in depth to keep the barrel (lug) horizontal when crimping.



Lower Die
(Cross Section)

Specifications



Item no.	Dies W(mm)	Dies H(mm)	Dies T(mm)	Wire (AWG) Ref. only
PA-24	1.3	0.5	2.2	#32 to 24
	1.6	0.7		#26 to 24
	1.9	0.8		#26 to 22
	2.2	0.9	3.2	#24 to 18
	1.4 diameter			#30 to 28
	1.8 diameter			#28 to 24

Copyright (C) 2019 ENGINEER INC. All rights reserved

