4TE Precision Straight Crimping Mold for Terminal Applications JW-AP17

Model No. JW-AP17



SPECIFICATIONS

Model Type	4TE Precision Straight Mold
Application	Terminal Crimping
Crimping Type	Horizontal and Vertical
Mold Style	OTP U-shaped
Compatibility	Terminal Machine Applicator

JW-AP17 is a 4TE precision straight crimping mold, built as an applicator die for terminal crimping machines. The die set is OTP U-shaped and is used for straight open-barrel terminals, with both horizontal and vertical crimping configurations.

The die axis runs straight through the applicator body, so the terminal strip is presented in line with punch and anvil instead of being turned through a right angle. The base rail carries adjustment screws at the front, which lets the die position be trimmed while the applicator frame stays bolted to the machine. The practical result is a shorter setup step and a crimp point that stays on the terminal centre line as the strip indexes.

It is supplied as a replacement die for existing 4TE applicator frames, and for plants that run the same press in both horizontal and vertical mode. Where a line is already tooled for 4TE straight terminals, the mold goes into the existing frame without modification of the ram or the base.

Key Features

1. 4TE straight die form, with punch and anvil aligned to the terminal feed axis for in-line crimping

2. OTP U-shaped die profile matched to open-barrel U terminals

3. Horizontal and vertical crimping from the same die set, so one part covers both press settings

4. Base rail with front adjustment screws, allowing die position to be corrected without removing the applicator

5. Machined steel body with durable working faces for repeated production cycles

6. Direct replacement for 4TE straight dies, with no re-machining of the applicator frame

Technical Specifications

Parameter	Specification
Model	JW-AP17
Mold series	4TE
Mold style	Straight, OTP U-shaped die
Crimp orientation	Horizontal and vertical

Parameter	Specification
Mounting	Terminal machine applicator
Application	Terminal crimping, cable harness manufacturing

Applications

— Terminal machine applicators running 4TE straight open-barrel terminals, with conductor and insulation crimp formed in one stroke

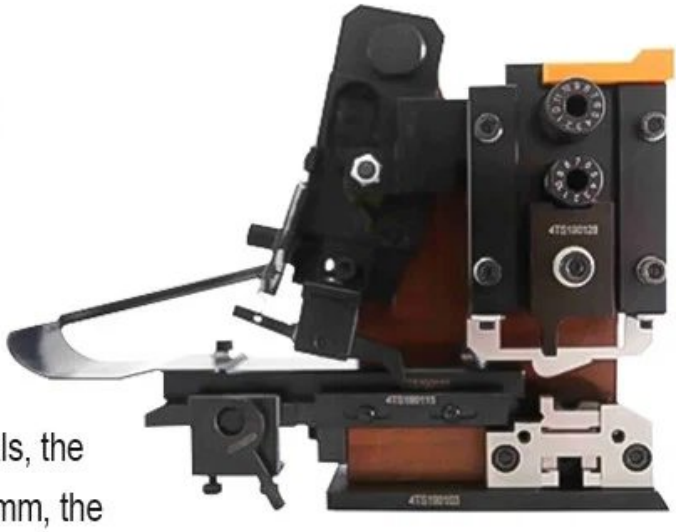
— Cable harness lines that switch between horizontal and vertical crimp orientation on the same press

— Automotive and appliance harness assembly, where straight barrel terminals are crimped onto stripped leads

— Scheduled tooling service, replacing a worn 4TE die on an applicator frame already in production

— Small-batch harness shops that keep one applicator frame and change dies per terminal family

4TS precision horizontal mold



Feeding method: horizontal feed
Feeding stroke: 40mm
Slider stroke: 30mm
Scope of application: suitable for all kinds of large-stroke terminals, the large and fine adjustment is 0.025mm, the small and fine adjustment is 0.15mm, the upper knife width is 26mm, and the lower knife width is 30mm. Suitable for conventional terminal machines.

4TE precision straight mold



Feeding method: direct delivery
Feeding stroke: 40mm
Slider stroke: 30mm
Scope of application: suitable for all kinds of large-stroke terminals, the large and fine adjustment is 0.025mm, the small and fine adjustment is 0.15mm, the upper knife width is 26mm, and the lower knife width is 30mm. Suitable for conventional terminal machines.