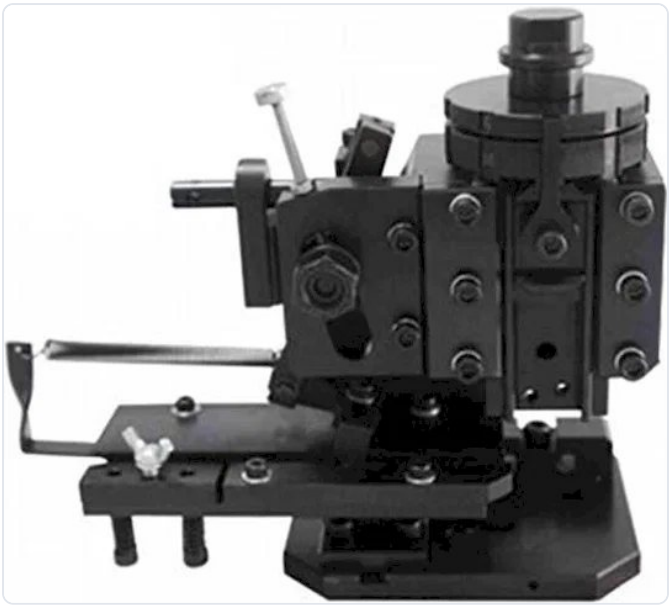
JST Horizontal/Straight Crimping Mold for Terminal Machines JW-AP18

Model No. JW-AP18



SPECIFICATIONS

Model Type	Horizontal/Straight Crimping Mold
Compatibility	European Terminal Crimping Machines
Mold Type	OTP U-shaped, Horizontal & Vertical
Application	Terminal Applicator Die

JW-AP18 is a JST horizontal and straight crimping mold for European terminal machines, with an OTP U-shaped die set. It covers horizontal and vertical crimping and is mounted as an applicator die.

The body combines a horizontal crimp station with a straight entry in one block, and the upper section carries a round ram cap that seats against the press ram. A side guide arm holds the terminal strip at the die centre line, so the strip does not drift sideways between strokes. Because both orientations are built into the same body, a change between horizontal and straight work is a die change rather than an applicator change.

It fits European-style terminal crimping machines with JST-pattern applicator mounts and serves as the replacement die where the existing tooling is JST-pattern. Lines set up for JST terminal families can move between horizontal and straight terminals without a second frame on the bench.

Key Features

1. Combined horizontal and straight die form in a single applicator body

2. OTP U-shaped die profile for open-barrel U terminals

3. Round ram cap on the upper block for direct coupling to the press ram

4. Side strip guide arm that holds the terminal chain on the die centre line

5. JST-pattern mounting for European terminal crimping machines

6. Changeover between horizontal and vertical crimping without a second applicator frame

Technical Specifications

Parameter	Specification
Model	JW-AP18

Parameter	Specification
Mold type	Horizontal and straight, OTP U-shaped
Crimp orientation	Horizontal and vertical
Terminal form	OTP U-shaped terminals
Machine fit	European terminal crimping machines
Application	Terminal applicator die

Applications

— European terminal crimping machines with JST-pattern mounts, horizontal crimping of chain-fed U terminals

— Harness shops running straight-entry terminals on the same press as horizontal terminals

— Die replacement on an existing JST applicator, keeping the frame and ram setting unchanged

— General cable harness assembly with strip, crimp and pull-test on chain terminal reels

— Production cells that build one terminal family per campaign and reset orientation between campaigns



JST horizontal mode

Feeding method: horizontal feed
Feeding stroke: 30mm
Slider stroke: 40mm
Scope of application: suitable for JST automatic terminal machine and hand punching machine.

JST straight mold

Feeding method: direct delivery
Feeding stroke: 30mm
Slider stroke: 40mm
Scope of application: Suitable for JST automatic terminal machine and 40 stroke terminal machine.





JST flag mold

Feeding method: direct delivery
Feeding stroke: 30mm
Slider stroke: 40mm
Scope of application: 187/205/250 flagship terminal matching mold, 40 stroke terminal machine.