TA-20U Mechanical Crimping Applicator for JST Terminals JW-AP06

Model No. JW-AP06



SPECIFICATIONS

Model Number	TA-20U
Mold Type	OTP U-shaped mold
Compatibility	JST Terminal Crimping Machines
Configuration	Horizontal and vertical crimping molds
Terminal Type	U-type terminals

TA-20U is a European mechanical crimping applicator for JST terminals, built around an OTP U-shaped die. It is driven from the press ram through a mechanical linkage, with no air supply and no pneumatic feed.

The applicator carries a graduated shut-height collar on top of the die head, so crimp height is set by turning the collar against its scale and locking it, and the ram is returned by spring rather than by a cylinder. That makes the tool independent of shop air and lets it be set up on any press that provides a suitable ram stroke.

It is supplied in horizontal and vertical crimping configurations for U-type terminals, and is used where a mechanical applicator is preferred over a pneumatic one, typically on presses without an air drop or where the stroke timing must stay purely mechanical.

Key Features

1. OTP U-shaped die for U-type terminals, with conductor and insulation crimp formed in one stroke

2. Mechanical drive from the press ram, with spring return and no air connection

3. Graduated shut-height collar on the die head for crimp height setting and locking

4. Horizontal and vertical crimping configurations from the same applicator body

5. Linkage and springs carried outside the crimp zone to keep strip scrap clear of the moving parts

6. Base mounting that fits JST terminal crimping machines without machine-side modification

Technical Specifications

Parameter	Specification
Model	JW-AP06
Model number	TA-20U

Parameter	Specification
Mold type	OTP U-shaped mold
Terminal type	U-type terminals
Configuration	Horizontal and vertical crimping molds
Drive	Mechanical, ram-driven with spring return
Compatibility	JST terminal crimping machines

Applications

— JST terminal crimping machines crimping U-type terminals on a mechanical applicator station

— Cable harness assembly on presses without an air supply, where a pneumatic applicator cannot be used

— Horizontal and vertical crimping of the same U-type terminal on one machine

— Replacement of a worn TA-20U applicator on an existing harness line

— Setup where crimp height has to be adjusted at the die head and recorded against the collar scale