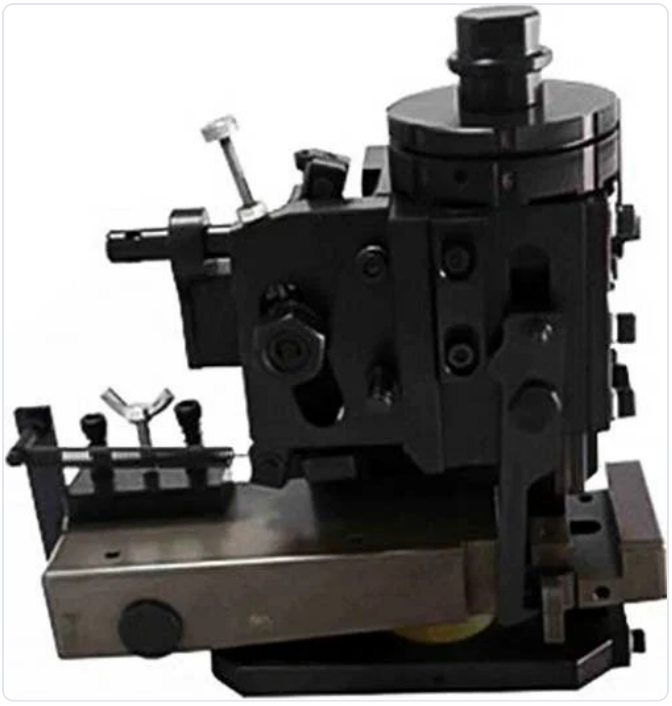
JST Flag Terminal Crimping Mold for Horizontal & Vertical Crimping JW-AP20

Model No. JW-AP20



SPECIFICATIONS

Compatible Terminals	JST flag terminals
Crimping Types	Horizontal and vertical crimping
Compatibility	OTP U-shaped molds
Application	Terminal machine applicator dies
Use Case	Industrial cable harness manufacturing

JW-AP20 is a JST flag terminal crimping mold for terminal machine applicators, with horizontal and vertical crimping. The die is built in the OTP U-shaped format and is compatible with OTP U-shaped mold sets.

The front block is relieved to open a throat wide enough for a flag body, so the terminal sits sideways in the die and the barrel, not the flag, is presented to the punch. The base is extended to carry the wider terminal without overhang, which keeps crimp height even across the flag width. This is the difference that separates it from a straight die: a straight die cannot close on a flag terminal because the flag body fouls the front block.

It is used where a harness includes flag terminals that cannot be run on a straight die, and it replaces the flag die in existing JST applicator frames. Because the die is specific to the flag form, a build carrying both straight and flag terminals needs two dies but can share one applicator.

Key Features

1. Flag terminal die form with a relieved front throat for right-angle terminal bodies

2. OTP U-shaped die profile, compatible with OTP U-shaped mold sets

3. Horizontal and vertical crimping of flag terminals

4. Extended base that supports the wider flag footprint and keeps crimp height even

5. JST terminal applicator mounting as an applicator die

6. Terminal-specific die change inside an existing applicator frame

Technical Specifications

Parameter	Specification
Model	JW-AP20
Compatible terminals	JST flag terminals
Mold form	Flag terminal die, OTP U-shaped
Crimp orientation	Horizontal and vertical
Mounting	Terminal machine applicator die
Use case	Industrial cable harness manufacturing

Applications

— JST applicator presses crimping flag terminals, where the wire leaves the barrel at a right angle to the terminal axis

— Harness builds that carry both straight and flag terminals and switch dies on one applicator frame

— Panel and equipment wiring, where flag terminals are used at right-angle connections

— Replacement of a worn flag die on an existing JST applicator without a frame change

— Automotive sub-assemblies where flag terminals are crimped close to a connector body



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.