

## Safe Operation & Maintenance Instructions

### Battery Operated Tool

K-ED10



Version: 2018/08

**Battery – Operated Crimpers are inspected for quality and tested for safety. We follow ISO 9001: 2015 / ISO 14001: 2015 / IECQ QC 080001 / OHSAS 18001: 2007 & UVDB**

### **ATTENTION!**

***Safe Operation Instructions must be followed.***

***\*\*Recommend for indoor use\*\****

# Operating Instructions-Basics

1. Slide the charged battery into the handle of the powertool and press until you hear a click. The battery should be secured and unmoveable.

2. Press the release bottom to release the hydraulic pressure in the tool. The tool is ready to use when the piston returns to the starting position.



3. The operation completes when the hydraulic pressure reaches 700 bar or 10,000 psi and the safety relief valve is activated.

4. Press the release bottom to retract the piston.



5. Repeat steps 5-7 to perform the remaining according to your requirement.

6. Cleaning the tool before storing in the case. Always store the tool in its case with the cylinder piston fully retracted.



## ■ Battery Charging

1. Plug the AC charger plug into the wall socket. Ensure the electrical outlet meets the charger's specifications.

2. Position the battery cartridge into the battery charger.

The LED indicator light will go out when the battery is fully charged.

3. Charging time for the 2.0 Ah battery cartridge is approx. 30 minutes.

When stored in the charger, the battery will stay fully charged.



## ■ Battery Cartridge

1. To release the battery, press on the battery latch and pull the battery out.

2. To install the battery, slide the battery into the base of the tool handle until it clicks into place. The battery should be secured and unmoveable.



### **ATTENTION!**

Do not put your fingers through the blade of the cutter to remove the cable, when the battery pack is in place and you are holding the tool with your other hand. Pay attention! The piston and blade advance quickly and if the trigger is accidentally pressed it can result in serious damage to your hand. For safety, remove the battery pack whenever the tool is sitting idly. Do not use this tool when you are tired or distracted. Keep away from children.

■ Remove the battery cartridge before exchanging the tool dies or cleaning the tool head.

■ Do not disassemble or attempt to repair the battery cartridge. Follow battery disposal guidelines.

# Operating Instructions

## **KED10-ACSR** ACSR Cutting Die For Al/Cu Conductors

In conjunction with  
K-ED10 is max. 25 mm dia

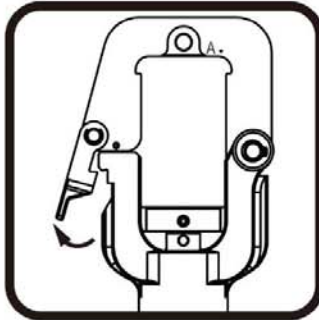
For ACSR conductors to  
EN DIN 50182 and  
high-tensile steel cables



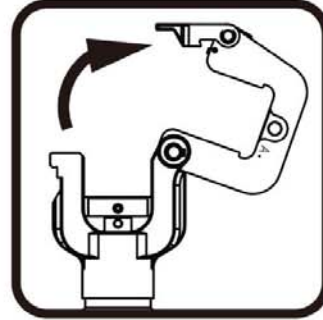
• KED-10-FCB

## Cutting Dies

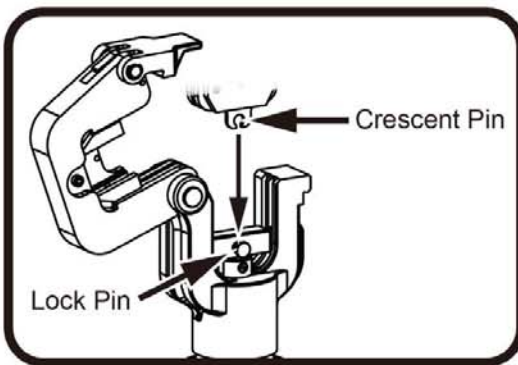
### Operating Instructions- Die Positioning



(1).Open latch.

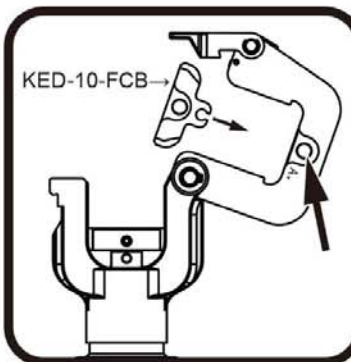


(2).Release upper die head.

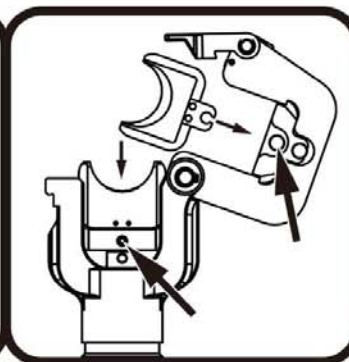


(3).Press the lock pin and slide the adapters / dies into the open head. "Click" sounds when locked. Please make sure that the die crescent pin and the head lock pin are fully engaged before releasing the lock pin.

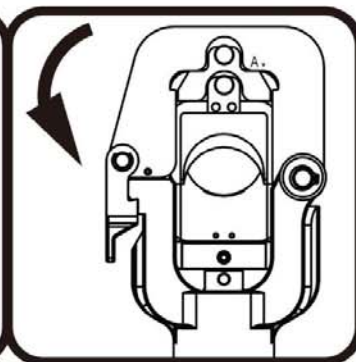
( For installing KED10-CR-5 / KED10-CR-6 / KED10-CR-9 / KED10-RC / KED10-BC / KED10-TR / KED10-NYY / KED10-ACSR )



(4).Insert adapter KED-10-FCB.  
("Click" sounds when locked)

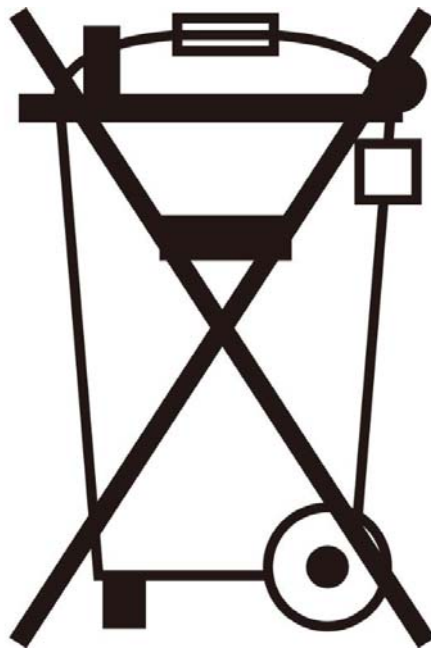


(5).Insert dies  
( crescent pin face  
outward)



(5).Lock latch.

- Replace any worn or damaged parts immediately.  
Do not use parts not supplied by us.
- Contact our service representatives to request parts or for problems not shown above.
- Do NOT attempt to disassemble or repair the product.
- Our hydraulic tools must be serviced by a qualified technician.  
Contact our representative for more information.



**ATTENTION!**

*Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities\*. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater, damaging the public's health and well-being.*

*\*Contact your local government for information regarding the collection systems available.*

# Operating Instructions – LED Light & Battery Light

- The LED is located on the top of the housing and will be on when you press the trigger. The light will be off after 10 seconds once the tool is not in operation mode.
- The battery light indicate the battery level / voltage or abnormal problem with the tool.
  1. Once the red light is flashing, it indicates there is a problem with the tool.
  2. Once the red light is on, it indicates no battery and can't be operated.
  3. The battery level can also be checked at the back of the battery.





# Operating Instructions

**KED10-NYY**  
Cutting Dies For Cutting Multi-Stranded  
Cu And Al Conductors Without Armouring

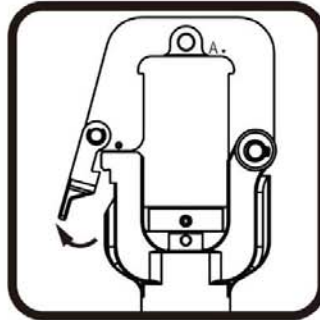
In conjunction with  
K-ED10 is max. 25 mm dia

## Cutting Dies

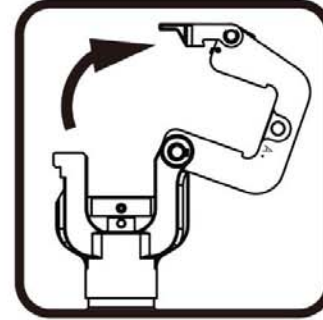
### Operating Instructions- Die Positioning



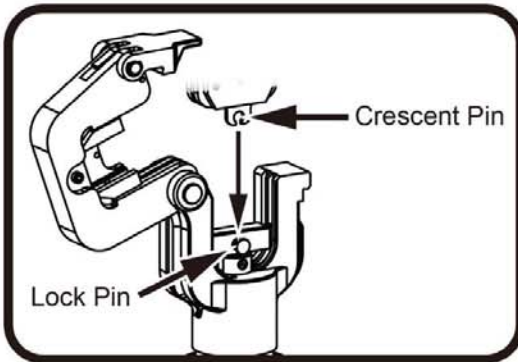
• KED-10-FCB



(1).Open latch.

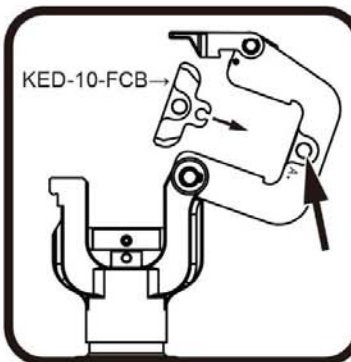


(2).Release upper die head.

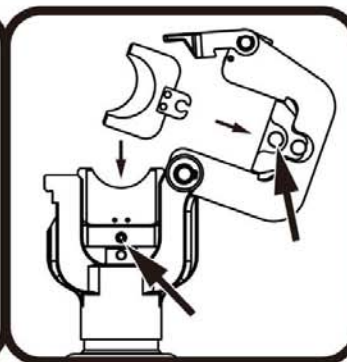


(3).Press the lock pin and slide the adapters / dies into the open head. "Click" sounds when locked. Please make sure that the die crescent pin and the head lock pin are fully engaged before releasing the lock pin.

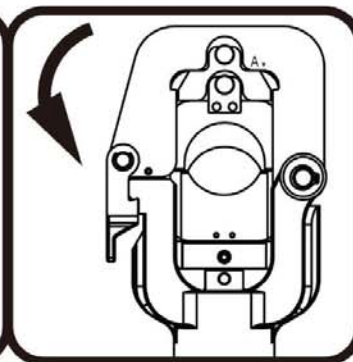
( For installing KED10-CR-5 / KED10-CR-6 / KED10-CR-9 / KED10-RC / KED10-BC / KED10-TR / KED10-NYY / KED10-ACSR )



(4).Insert adapter KED-10-FCB.  
("Click" sounds when locked)



(5).Insert dies  
( crescent pin face outward)



(5).Lock latch.

**KED10-TR**  
Cutting Dies For Threaded Rods

Head in 9 types :

- M5 x 0.8      • 1/4"-20
- M6 x 1.0      • 3/8"-16
- M8 x 1.25     • 1/2"-13
- M10 x 1.5     • 1/2"-12
- M12 x 1.5

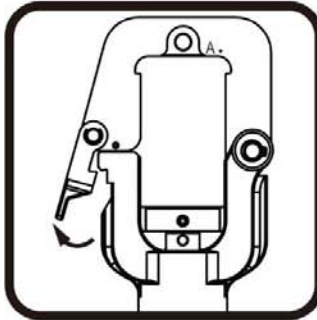


• KED-10-FCB

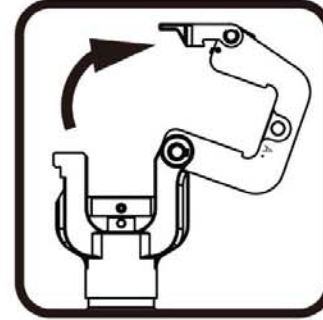
※For standard steel only.

**Cutting Dies**

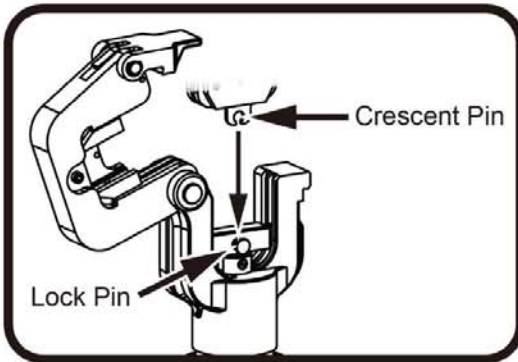
## Operating Instructions- Die Positioning



(1).Open latch.

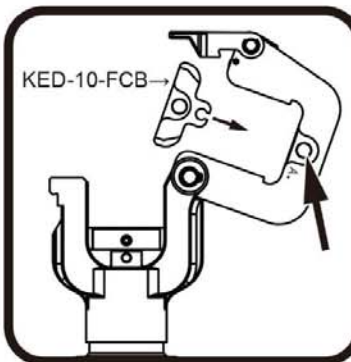


(2).Release upper die head.

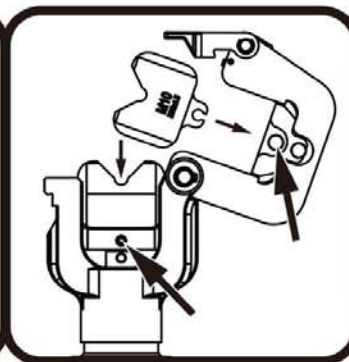


(3).Press the lock pin and slide the adapters / dies into the open head. "Click" sounds when locked. Please make sure that the die crescent pin and the head lock pin are fully engaged before releasing the lock pin.

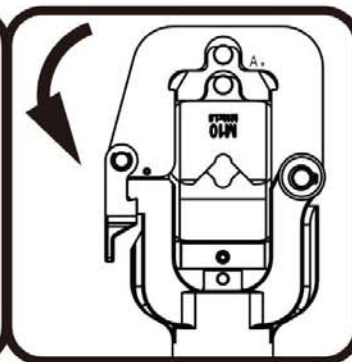
( For installing KED10-CR-5 / KED10-CR-6 / KED10-CR-9 / KED10-RC / KED10-BC / KED10-TR / KED10-NYY / KED10-ACSR )



(4).Insert adapter KED-10-FCB.  
("Click" sounds when locked)



(5).Insert dies  
( laser mark face outward)

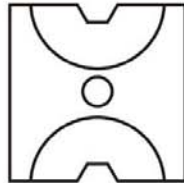


(5).Lock latch.

# Operating Instructions

## **KED10-CR-5** Adapter For Crimping Dies

Dies sold separately  
(AHE 1016 / 2535 / 5070 /  
95120 / 150 / 185 / 240)

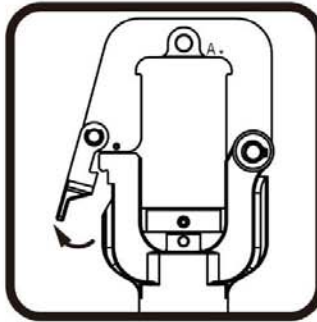


5 Tons

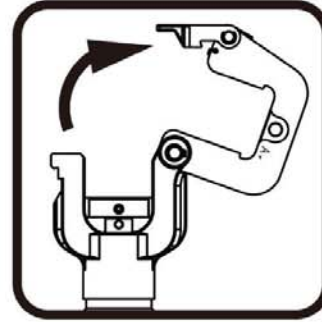
※ Crimping without die sets is prohibited.

## Crimping Dies

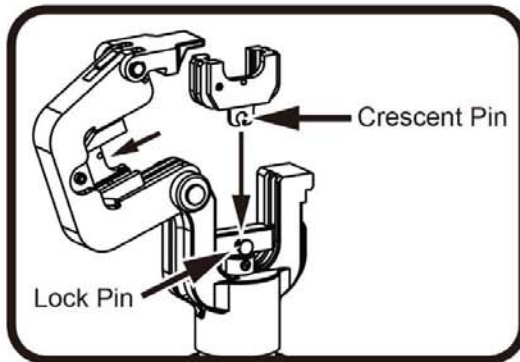
### Operating Instructions- Die Positioning



(1).Open latch.



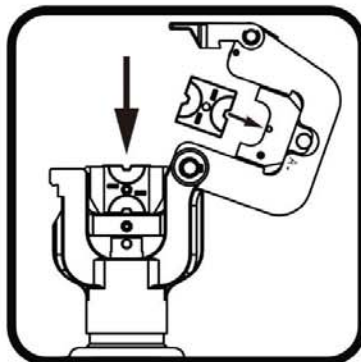
(2).Release upper die head.



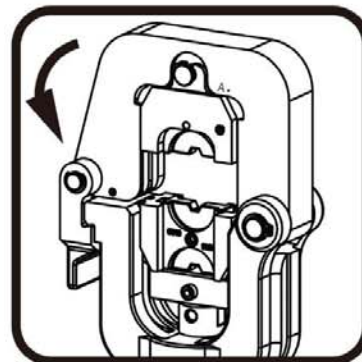
(3).Press the lock pin and slide the adapters into the open head.  
“Click” sounds when locked.

Please make sure that the adapter crescent pin and the head lock pin are fully engaged before releasing the lock pin.

( For installing KED10-CR-5 / KED10-CR-6 /  
KED10-CR-9 / KED10-RC / KED10-BC /  
KED10-TR / KED10-NYY / KED10-ACSR )



(4).Insert dies.  
( ball pin should “click” into adapter slot )

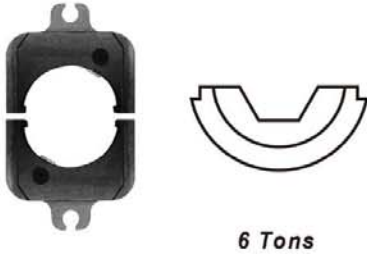


(5).Lock latch.



**KED10-CR-6**  
Adapter For Crimping Dies

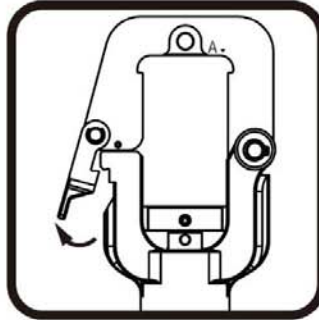
Dies sold separately  
(T16 / 25 / 35 / 50 / 70 / 95 /  
120 / 150 / 185 / 240)



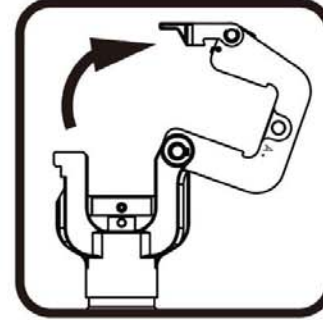
※ Crimping without die sets is prohibited.

**Crimping Dies**

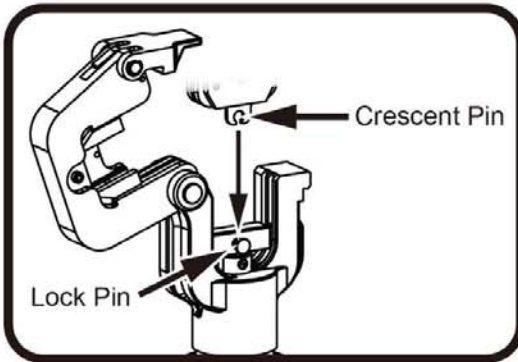
**Operating Instructions-  
Die Positioning**



(1). Open latch.

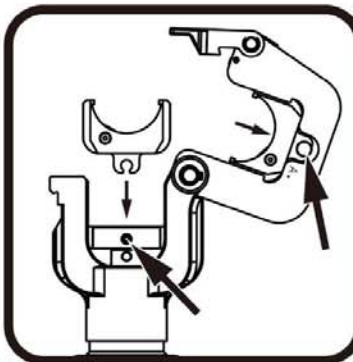


(2). Release upper die head.

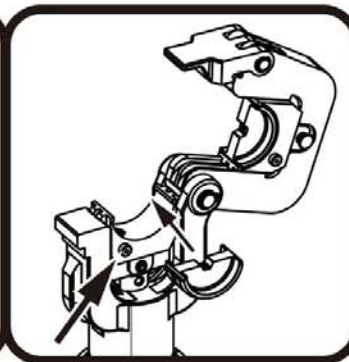


(3). Press the lock pin and slide the adapters / dies into the open head. "Click" sounds when locked. Please make sure that the die crescent pin and the head lock pin are fully engaged before releasing the lock pin.

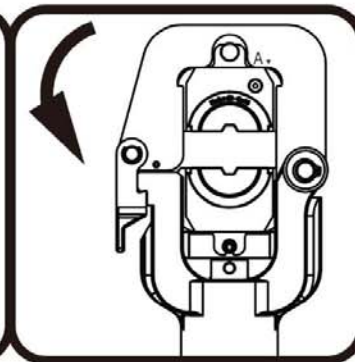
( For installing KED10-CR-5 / KED10-CR-6 / KED10-CR-9 / KED10-RC / KED10-BC / KED10-TR / KED10-NYY / KED10-ACSR )



(4). Insert adapters (a "Click" sounds when locked ).



(5). Insert dies sideways into adapters.



(5). Lock latch.

**KED10-BC**  
Railway Cutter For BC - Contact Wires

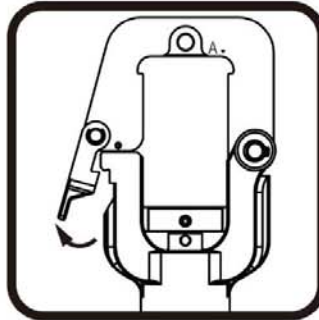
- Head in 4 sizes :
- 85 mm<sup>2</sup>
  - 110 mm<sup>2</sup>
  - 120 mm<sup>2</sup>
  - 150 mm<sup>2</sup>



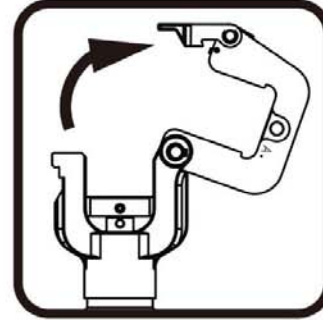
※ Railway cutter for BC-Style Catenary wires.

## Cutting Dies

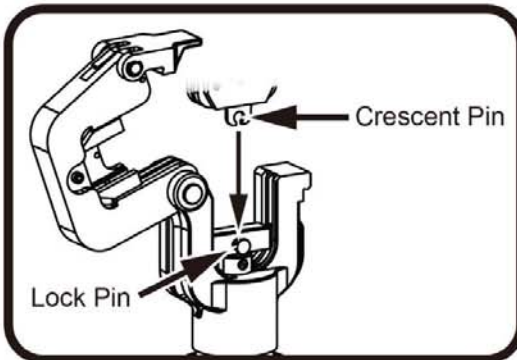
### Operating Instructions- Die Positioning



(1).Open latch.

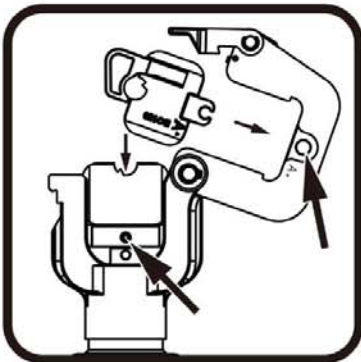


(2).Release upper die head.

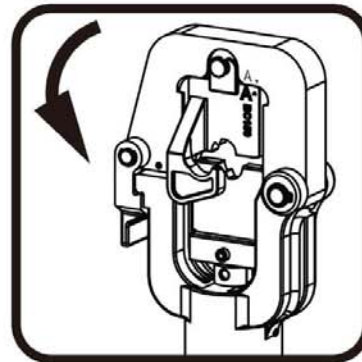


- (3).Press the lock pin and slide the adapters / dies into the open head. "Click" sounds when locked. Please make sure that the die crescent pin and the head lock pin are fully engaged before releasing the lock pin.

( For installing KED10-CR-5 / KED10-CR-6 / KED10-CR-9 / KED10-RC / KED10-BC / KED10-TR / KED10-NYY / KED10-ACSR )



(4).Insert dies in head. Notice the foolproof mark "A". ("Click" sounds when locked)

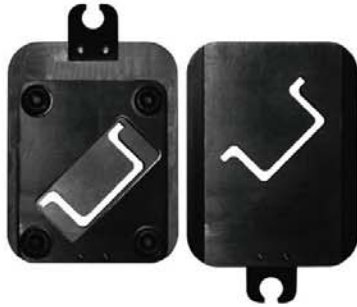


(5).Lock latch.

★ The upper die head and certain dies are foolproof marked by a label "A". The label "A"s must be aligned during installation.

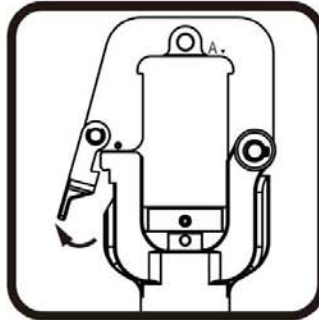
**KED10-RC**  
Cutting Dies For DIN Rails

- Head in 2 sizes :
- H8 (35 x 7.5 mm)
  - H15 (35 x 15 mm)

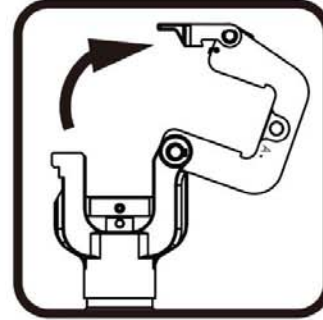


**Cutting Dies**

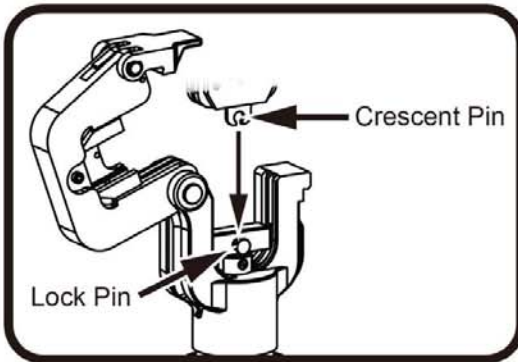
**Operating Instructions-  
Die Positioning**



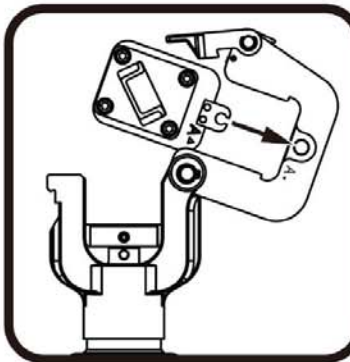
(1).Open latch.



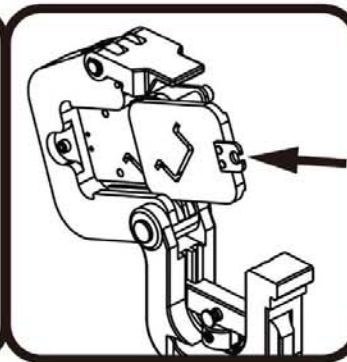
(2).Release upper die head.



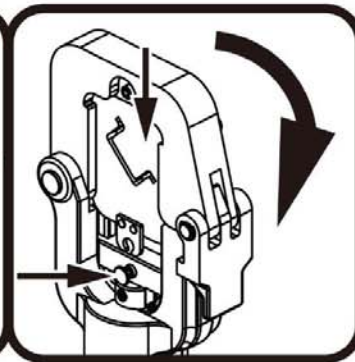
- (3).Press the lock pin and slide the adapters / dies into the open head. "Click" sounds when locked. Please make sure that the die crescent pin and the head lock pin are fully engaged before releasing the lock pin.  
( For installing KED10-CR-5 / KED10-CR-6 / KED10-CR-9 / KED10-RC / KED10-BC / KED10-TR / KED10-NYY / KED10-ACSR )



(4).Insert stationary die in upper die head.  
( Notice the foolproof mark "A")



(5).Insert moving die in upper die head.



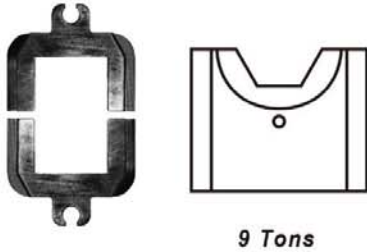
(6).Close latch and lock moving die to lock pin.

★ The upper die head and certain dies are foolproof marked by a label "A". The label "A"s must be aligned during installation.



**KED10-CR-9**  
Adapter For Crimping Dies

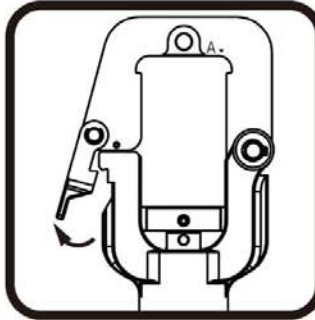
Dies sold separately  
(UCP240-14 / UCP240-15 /  
UCP240-16)



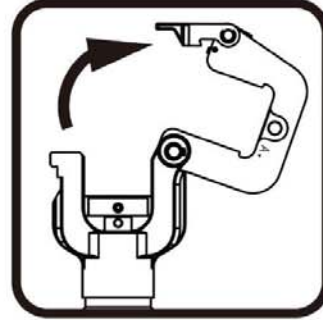
※ Crimping without die sets is prohibited.

**Crimping Dies**

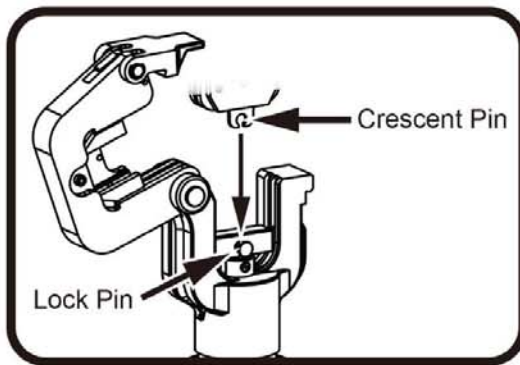
**Operating Instructions-  
Die Positioning**



(1).Open latch.

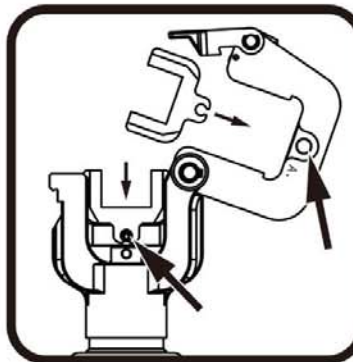


(2).Release upper die head.

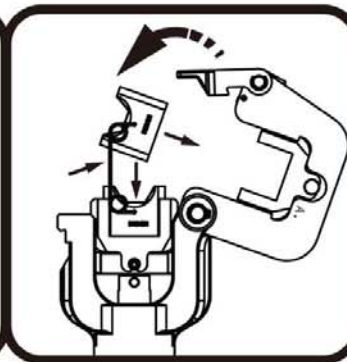


(3).Press the lock pin and slide the adapters / dies into the open head. "Click" sounds when locked. Please make sure that the die crescent pin and the head lock pin are fully engaged before releasing the lock pin.

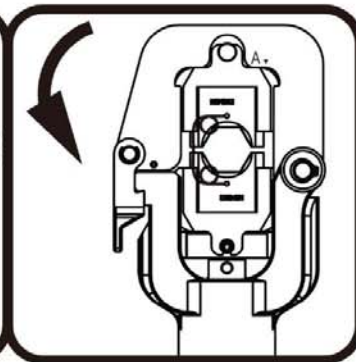
( For installing KED10-CR-5 / KED10-CR-6 / KED10-CR-9 / KED10-RC / KED10-BC / KED10-TR / KED10-NYY / KED10-ACSR )



(4).Insert adapters (a "Click" sounds when locked ).



(5).Insert upper die while lowering the upper die head. ( Spring should be on the same side of the latch)



(5).Lock latch.



## Hole Punch Adaptor and Dies

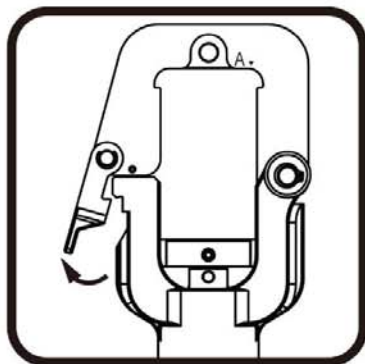


**KED10-PM**  
Hole Punch Adapter

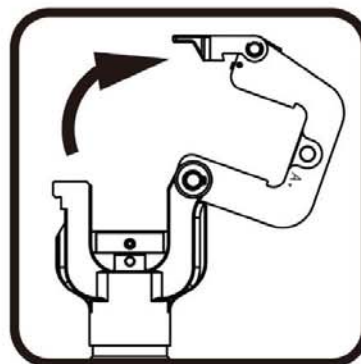
Ram Stroke: 20mm  
Max. Output: 6.7 tons/66kN  
Draw Stud (3/8" - 3/4")

METRICS	IMPERIAL
16mm - 20mm - 25mm (for 3/8" + 3/4" draw stud) 32mm - 40mm - 50mm (for 3/4" draw stud)	1/2" (for 3/8" + 3/4" draw stud) 3/4" - 1" - 1-1/4" - 1-1/2" - 2" (for 3/4" draw stud)
	

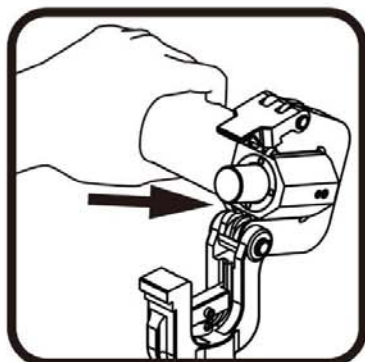
## Operating Instructions- Die Positioning



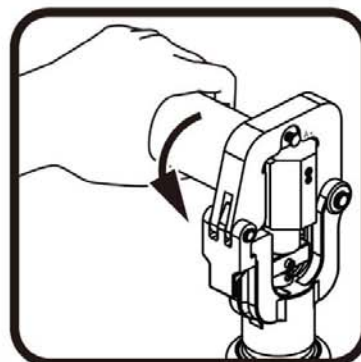
(1). Open latch.



(2). Release upper die head.



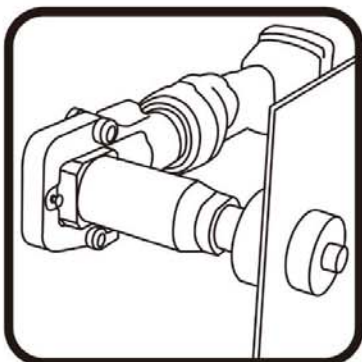
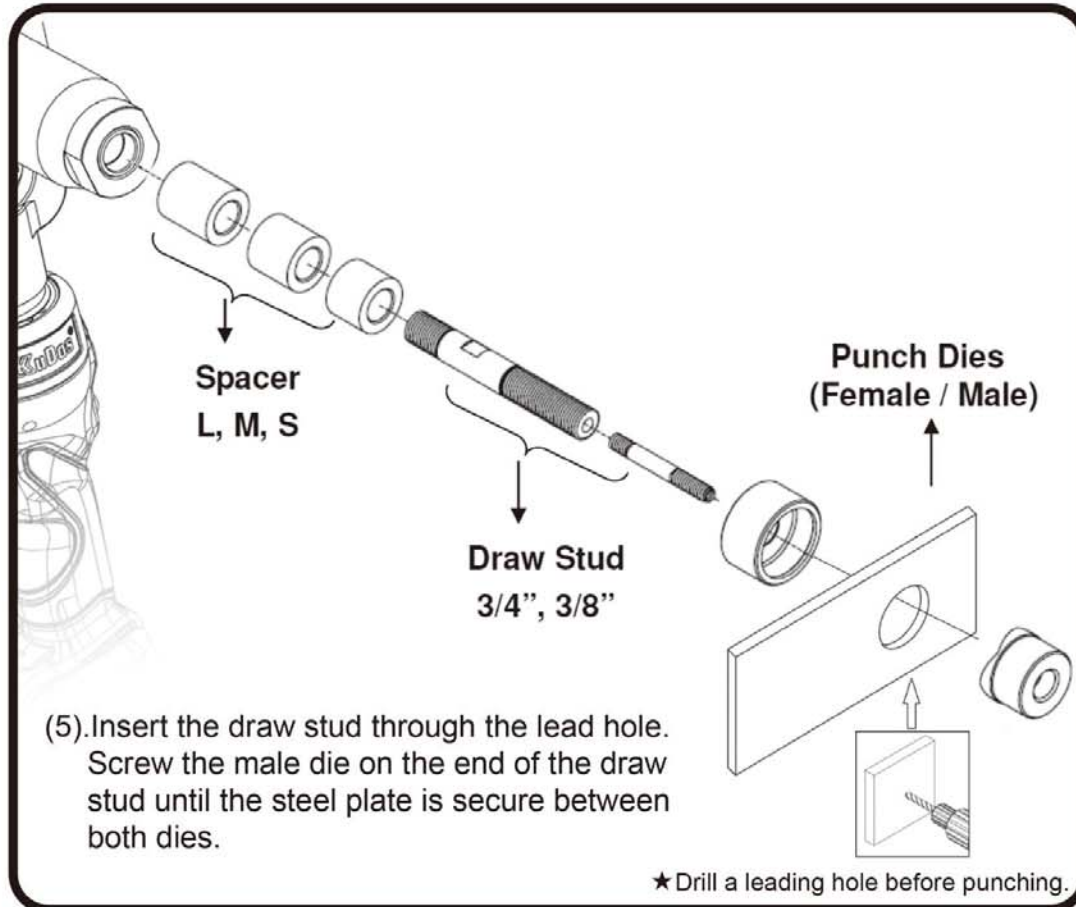
(3). Insert the punch adapter into the upper die head.



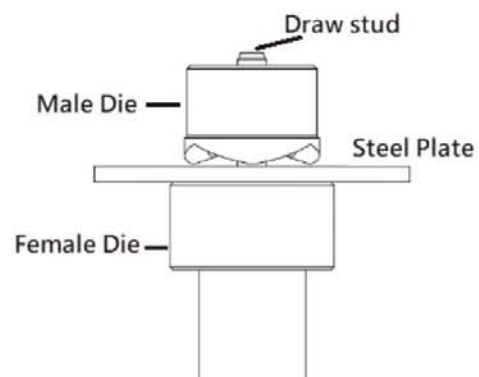
(4). Make sure to hold the punch adapter firmly while closing the head latch.

## Hole Punch Adaptor and Dies

### Operating Instructions- Die Positioning



★ It is suggested to place the tool horizontally on a flat surface during operation.



★ Punch dies support steel plates of maximum thickness 3mm only.