



A RANGE OF
**CUTTING
CRIMPING**
MULTI PURPOSE
**HYDRAULIC
TOOLS FOR**
ELECTRICAL
INDUSTRY





INTRODUCTION

Our product catalogue contains a wide range of cutting, crimping and other multipurpose hydraulic tools which are being generally used in the Electrical Industry. A brief technical write up is here to ensure a PERFECT CRIMPED JOINT always as a JOINT can be considered as the NERVE CENTRE of an Electrical System.

The most commonly used Crimping methods are Indent style and Hexagonal type. Indent style crimping method is usually used for crimping fine stranded and compacted conductors. This style of crimp yields great pullout resistance and good electrical performance when correctly made with a properly sized tool for the cable and connector. As the strands are formed tightly together inside the connector, nearly all air gaps are removed from the conductor. However, it is more difficult to check if an indent style crimp has been properly made compared to hex-style crimps.

Hexagonal type the most common type of crimp, create strong mechanical connections. The advantage of this style crimp is that force is applied consistently from all directions over a larger area during crimping, preventing any damage to the conductors. This style crimp is an industry standard for aluminum and copper cables up to 1000mm². Hex-style crimps yield superior electrical performance in addition to great pullout strength.

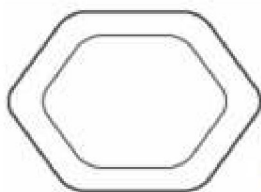


Indent Crimp Profile

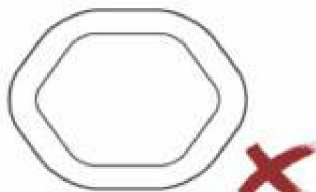


Hexagonal Crimp Profile

QUICK REFERENCE WHICH TELLS YOU THE CRIMP QUALITY



Acceptable



Not Acceptable-under Crimped



Not Acceptable-over Crimped



HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-240-H



Length: 265 mm

Weight: 2 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 30 cc

Max Output : 5 tons



Crimping Capacity:

From 10 Sq.mm. to 240 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.
Slim design enables crimping at remote places.
Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-300-U



Length: 280 mm

Weight: 5 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 60 cc

Max Output : 12 tons

Crimping Capacity:

From 10 Sq.mm. to 300 Sq.mm.

Hexagonal dies provided.

Features :

Overload protection provided.

Slim design enables crimping at remote places.

Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-300-C



Length: 290 mm

Weight: 5.3 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 70 cc

Max Output : 12 tons

Crimping Capacity:

From 10 Sq.mm. to 300 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.
Slim design enables crimping at remote places.
Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-400-CX



Length: 280 mm

Weight: 5 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 80 cc

Max Output : 12 tons

Crimping Capacity:

From 10 Sq.mm. to 400 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.

Slim design enables crimping at remote places.

Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-630-C



Length: 380 mm

Weight: 7 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 110 cc

Max Output : 15 tons

Crimping Capacity:

From 50 Sq.mm. to 630 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.
Slim design enables crimping at remote places.
Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-630-20T



Height: 325 mm

Weight: 6 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 96 cc

Max Output : 22 tons

Crimping Capacity:

For connectors upto 50mm
Outer Dia.

Features :

Can be operated with 700 bar hydraulic
source.

Single Action RAM with spring return facility.

Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-1000-45T



Height: 300 mm

Weight: 12 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 225 cc

Max Output : 45 tons

Crimping Capacity:

For connectors upto 60mm
Outer Dia.

Features :

Can be operated with 700 bar hydraulic
source.

Single Action RAM with spring return facility.

Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-1000-60T-SA



Length: 450 mm

Weight: 22 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 300 cc

Max Output : 60 tons



Crimping Capacity:

For connectors upto 60mm
Outer Dia.

Features :

Can be operated with 700 bar hydraulic
source.

Single Action RAM with spring return facility.

Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-1000-60T-DA



Length: 450 mm

Weight: 24 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 300 cc

Max Output : 60 tons



Crimping Capacity:

For connectors upto 60mm
Outer Dia.

Features :

Can be operated with 700 bar hydraulic
source with Double acting.
Double Action RAM with spring return facility.
Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-HC-1000-100T-DA



Length: 450 mm

Weight: 24 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 300 cc

Max Output : 100 tons



Crimping Capacity:

For connectors upto 60mm
Outer Dia.

Features :

Can be operated with 700 bar hydraulic
source with Double acting.

Double Action RAM with spring return facility.

Easily die replacement arrangement.





HYDRAULIC CRIMPING HEAD

Model No.
CT-CH-200T-DA



Height: 400 mm

Weight: 74 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 1200 cc

Max Output : 200 tons

Crimping Capacity:

For connectors upto 100mm
Outer Dia.

Features :

Can be operated with 700 bar hydraulic
source with Double acting.
Double Action RAM with spring return facility.
Easily die replacement arrangement.

