



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.

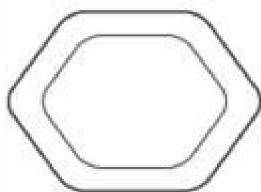


Indent Crimp Profile



Hexagonal Crimp Profile

QUICK REFERENCE WHICH TELLS YOU THE CRIMP QUALITY



Acceptable



Not Acceptable-under Crimped



Not Acceptable-over Crimped



HYDRAULIC BOLT CRUSHING HEAD

Model No.
CT-NC-5-90



Bolt Crushing



Technical Data :

Model No.	Bolt Range	Output Force	Oil Required (CC)	Length	Width	Height	Net Weight (kg)
CT-BC-612	M6-M12	5	15	170	40	48	1.2
CT-BC-1216	M6-M16	10	20	191	54	62	2.0
CT-BC-1622	M6-M22	15	60	222	64	72	3.0
CT-BC-2227	M6-M27	20	80	244	75	88	4.4
CT-BC-2733	M6-M33	35	155	288	94	105	8.2
CT-BC-3339	M6-M39	50	240	318	106	128	11.8
CT-BC-3948	M6-M48	90	492	939	156	181	34.1

Features :

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

