AFTEC
INTERNATIONAL U.K.

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

CUT IT
CUTTING TOOLS

CRIMP-IT
CRIMPING TOOLS

FORCE IT
HYDRAULIC MULTI PURPOSE TOOLS

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.

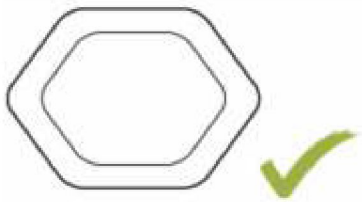
The most commonly used Crimping methods are Indent style and Hexagonal type. Indent style crimping method is usually used for crimping fine stranded and compacted conductors. This style of crimp yields great pullout resistance and good electrical performance when correctly made with a properly sized 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.

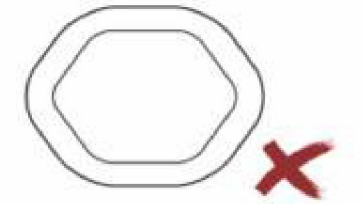
Indent Crimp Profile

Hexagonal Crimp Profile

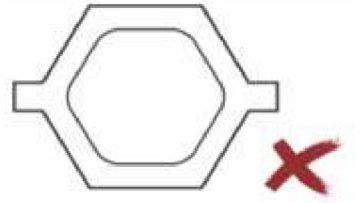
QUICK REFERENCE WHICH TELLS YOU THE CRIMP QUALITY



Acceptable



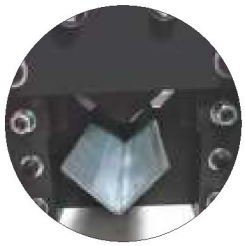
Not Acceptable-under Crimped



Not Acceptable-over Crimped

HYDRAULIC ANGLE CUTTING HEAD

Model No.
CT-AC-40T-T9



Angle Cutting

Height: 420 mm
Weight: 22 kgs

Technical Data :
Max Pressure : 700 bar
Oil Required : 360 cc
Max Output : 38 tons

Cutting capacity :
75 x 9 MS & SS Angles

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