

Industry Challenges: Low quality crimped connectors

High Resistances leads to Temperature Rise & Reliability Issues







Unacceptable Technical Losses due to human errors

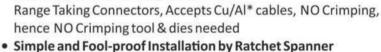




EASYCON - TORQUE CONTROLLED SHEAR BOLT LUGS & FERRULES Easy to Install and Minimal Losses



- Electrical Termination / Joint / Tapping Application Proven Design and Manufactured from High Conductivity Al Alloy Factory applied Oxide Inhibiting Compound
- Reliability and Consistency Manufactured on Automatic CNC Machines Special Customized Surface Treatment and Finishing
- Advantages over existing connectors hence NO Crimping tool & dies needed



- Torque Controlled Shear Bolt for eliminating human error · Can be provided with Cold applied / Heat Shrink insulations
- · Can be provided with hex groove allen Screws in place of Shear Bolt

NOTE: *Customization is possible as per applications / specifications

Medium Duty for Al Cables





Heavy Duty for Cu & Al Cables



TORQUE CONTR	TORQUE CONTROLLED SHEARING BOLTED CONNECTOR						
Cable Range in mm2	16-70	95-150	185-300	400-630	1000		
Ferrule / Splice (TCF)	TCF-001	TCF-002	TCF-003	TCF-004	TCF-005		
Lug / Terminal (TCL)	TCL-001	TCL-002	TCL-003	TCL-004	TCL-005		

Note: Other cable ranges can be provided based on request

PARAMETERS	CRIMPED or COMPRESSION	SOLDERED or WELDED	"EASYCON" SHEAR BOLTED	
TOOL + DIES + SKILL	YES	YES	NO	
REMOVABLE FEATURE	NO	NO	YES	
CHEMICALS & EXPLOSIVES	NO	YES	NO	
CONDUCTOR PREPARATION	YES	YES	PARTIALLY	
EASE OF INSTALLATION	+	+	+++	
CONTROLLED FORCE/TORQUE	NO	NO	YES	
MECHANICAL STRENGTH	++	+	++	
ELECTRICAL STABILITY	+	+	+++	
RANGETAKING	NO	NO	YES	
CU & AL ACCEPTABILITY	NO	NO	YES	
REPEATABILITY & RELIABILITY	++	++	+++	
ENERGY EFFICIENCY	+	+	++	

Stage 1

Simple Installation

Stage 2

Connector placed over conductors



Lug



Ferrule

