

Khoday HYDRAULICS

OFFERS

A WIDE RANGE OF EQUIPMENT DESIGNED FOR HYDRAULIC EXPANSION OF HEAT EXCHANGER TUBES INTO TUBE SHEETS THROUGH THE DIRECT APPLICATION OF HIGH INTERNAL HYDRAULIC PRESSURE.

HYDRO EXPANDER

HYDRAULIC TUBE EXPANSION EQUIPMENT



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HYDRAULICS



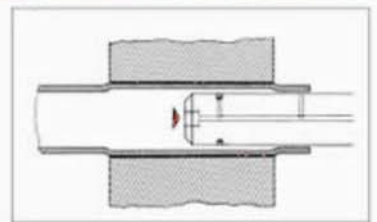
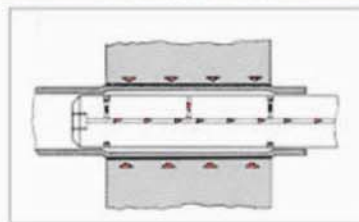
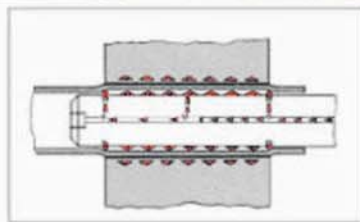
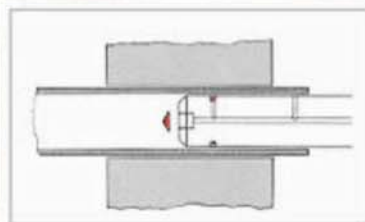
4000 BAR
60000 PSI

KH TE 44 K : 44,000 psi max

KH TE 60 K : 60,000 psi max

HYDRAULIC EXPANSION IS THE DIRECT APPLICATION OF HIGH INTERNAL HYDRAULIC PRESSURE WITHIN A TUBE IN ORDER TO FORM A TIGHT JOINT BETWEEN THE TUBE AND TUBE SHEET. THIS EXPANSION PRESSURE IS ACCURATELY SET, MEASURED, REPEATED, AND CONTROLLED.

- DIRECT PRESSURISING SYSTEM
- NO TUBE WALL REDUCTION
- REPEATABLE EXPANSION BY THE SAME PRESSURE WHICH IS HELD TO WITHIN A TOLERANCE OF ± 100 PSI
- THICKEST OF TUBESHEETS ARE HYDROEXPANDED IN ONE STEP IN JUST SECONDS
- STRESS CORROSION, WORK HARDENING & OTHER METALLURGICAL CHANGES ARE MINIMISED. PROLONGING TUBE SERVICE LIFE
- DEGREE OF EXPANSION IS DIRECTLY PROPORTIONAL TO THE PRE-SET HYDRAULIC PRESSURE
- REDUCED CREVICE CORROSION DUE TO ACCURATE CONTROL OF TUBE TO TUBESHEET CREVICE
- UNIFORM HYDRAULIC PRESSURE EXPANDES THE TUBE TO ACCOMMODATE DISTORTED HOLES WITHIN ALLOWABLE TOLERANCES
- PROCESS & TROUBLESHOOTING INDICATOR LIGHTS TRACK EXPANSION PROGRESS
- EASY TO READ DIGITAL PRESSURE READOUT
- ENCLOSED CABINET WITH CASTOR WHEELS FOR EASY PORTABILITY



Experience the Power of Water !