



# ESP-KNX IBEAM CLAMPS Commercial

- FOR PERMANENT INSTALLATION
- AVAILABLE FOR ALL WIDE-FLANGE STANDARD BEAMS
- AVAILABLE IN 1T THRU 5T STATIC RATINGS
- AVAILABLE IN CORROSION RESISTANT HIGH-TENSILE STAINLESS STEEL.
- LYNCH PIN STYLE FINAL TERMINATION
- EXTREMELY LOW PROFILE

IBEAM CLAMP REV B. 03/08/2017

## FASTER, STRONGER, SAFER, CODE COMPLIANT CONNECTIONS WITH ESP IBEAM CLAMPS

### GEARED FOR PERMANENT INSTALLATION

- **FLEXIBILITY**  
CONNECT YOUR DEAD-HUNG LOAD IN SECONDS WITH THE PATENT PENDING CLAMSHELL BEAM CAPTURE.
- **SAFETY**  
CONNECT YOUR LOAD WITH A SUPER SECURE, VIBRATION PROOF PIN CONNECTION THAT ACCEPTS CABLES, EYES, SHACKLES, SLINGS, RIGID STRUTS, OR VIRTUALLY ANYTHING YOU CAN IMAGINE THAT'S APPROPRIATE FOR CONNECTING YOUR LOAD.
- **MULTI-USE**  
LOADS MAY BE APPLIED OFF AXIS WITHIN THE TORSIONAL LIMITS OF THE BEAM, UNLIKE OTHER BEAM CONNECTIONS.  
THE KNX IBEAM CLAMP MAY BE USED WITH ACCESSORY BRIDGING PRODUCTS TO HANG LOADS BETWEEN BUILDING LOAD-BEARING MEMBERS IN A PIN-PIN CONFIGURATION THAT DOES NOT APPLY UNWANTED MOMENTS TO THE BEAM CROSS SECTIONS.
- **UNIQUE**  
THE KNX IBEAM CLAMP USES A DUAL LOAD PATH CONCEPT FOR ABSOLUTE SAFETY UNLIKE COMPETITIVE CLAMPS THAT CARRY THEIR PAYLOAD CAPACITY THROUGH A PRE-LOADED BOLT THAT IS USED TO HOLD THE CLAMP ON THE BEAM.
- **KIND TO YOUR BEAMS**  
THE KNX IBEAM CLAMP DUMPS YOUR

LOADS CLOSE COUPLED TO THE SHEAR WEBS OF THE BEAMS INSTEAD OF BENDING THE FLANGES OF THE BEAM LIKE ALL OTHER BEAM CLAMP PRODUCTS. THIS IMPROVES BOTH THE STIFFNESS AND THE CAPACITY OF THE CONNECTION IN ALL CASES FOR A GIVEN BEAM SIZE.

- **STRENGTH AND RELIABILITY**  
THE KNX IBEAM CLAMP CARRIES ALL OF ITS LOADS IN MULTIPLE SHEARS AND IS UNAFFECTED BY FIELD INSTALLATION VARIABLE PRE-LOADS OR ACCIDENTAL OVERLOADS CAUSING STRETCHING OF THE CLAMP BOLT.
- **QUALITY MATERIALS**  
THE KNX IBEAM CLAMP IS MADE FROM EITHER AISI 572-GR50 AND POWDER COATED OR 17-4PH H1050 FOR ULTIMATE STRENGTH AND CORROSION RESISTANCE.
- **JUST PLAIN FAST**  
PROPER INSTALLATION TAKES UNDER ONE MINUTE AND IS ABSOLUTELY CONSISTENT.
- **RATINGS AND COMPATIBILITY**  
FITMENTS FOR ALL U.S. WIDE FLANGE BEAMS. ALMOST ALL VERSIONS AVAILABLE FROM STOCK FOR IMMEDIATE SHIPMENT IN 1T-5T (BEAM LIMITED IN SOME CASES).



Patent Pending

### IBC 2012 AND CODE COMPLIANT IN 50 STATES

- SF5 STANDARD AND HIGHER AVAILABLE
- CORROSION RESISTANT CONSTRUCTION
- DYNAMIC LOAD RATINGS AVAILABLE (CONSULT ENGINEERING AT ESP)
- CLEAR SAFE LOAD LIMIT AND RIGGING MARKING



PROUDLY MADE IN THE U.S.A.



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