Xuper 16 XFC

Pipe Joints

Flux coated brazing alloy suitable for joining of dissimilar steel to Cu alloy including Ni enhanced high strength bronzes

Typical Applications:

Tubular chassis, frames, drills and cutters, carbide tipping, piping, keys, composite tools and dies, steel furniture.

Outstanding Features:

- Durable, elastic and flexible flux coating.
- No smoke, fumes; clear visibility of molten pool.
- Superior wettability and bonding.
- Excellent capillary action.
- Thin flowing and bead forming - unique alloy.

Procedure:

Clean and degrease joint areas. Bevel heavy section. Preheat parts. Melt off drop of flux from end of rod on beginning of joint area. Continue heating until flux liquefies. Deposit alloy drop by drop, feeding into flame as required, making sure each drop. bonds properly. Air cool. Remove flux residues by washing with warm water. Use Zuper16XFC flux for supplementary requirements.

Size:

Size (mm)
2.5
3.15

Bonding Temperature: 875^{0}C

Tensile Shear Strength: 70 Kg/mm^{2} (1,00,000 psi)