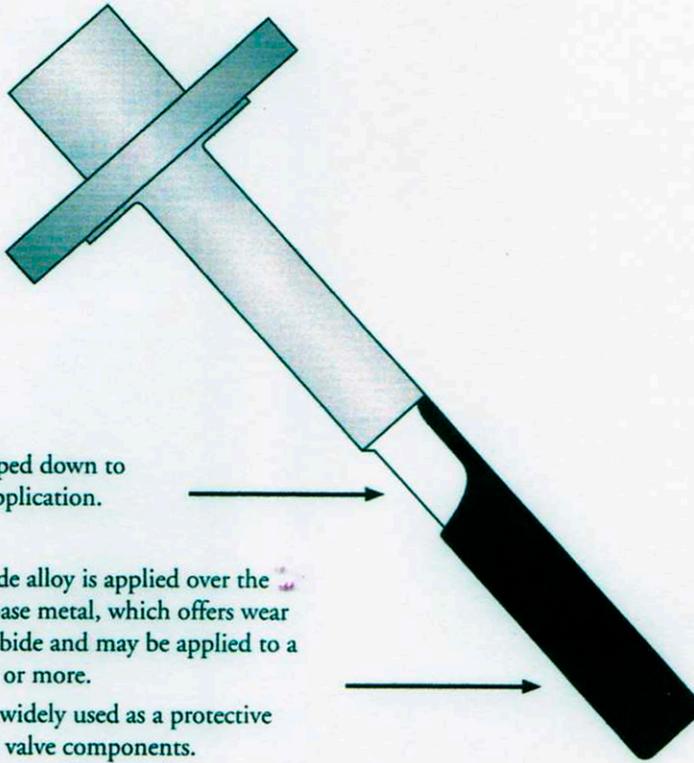


CORROSION AND EROSION RESISTANT OVERLAYS

Example: An ultra-thick overlay of chrome carbide or tungsten carbide is applied over the base metal material at an economical price which can provide high temperature resistance to sliding wear and tear.



Base metal stepped down to allow coating application.

A chrome carbide alloy is applied over the stepped down base metal, which offers wear resistance of carbide and may be applied to a thickness of 1/4" or more.

This method is widely used as a protective coating on slide valve components.

Hardness: 65 Rc

Thickness: 0.250"

Typical Applications

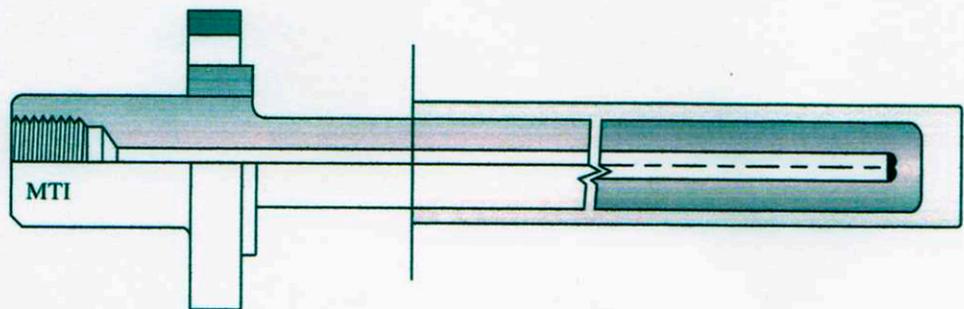
- FCCU (Refineries)
- Cokers
- Power Plants
- Plastic Plants
- PVC
- Coal Liquefaction

Available Coatings

- Stellite 6
- Hastelloy B,C,X
- Inconel 625, 718
- Aluminum Oxide
- Zirconium Oxide
- Moly Chrome
- Ni-Chrome Bond
- Ceramic Bond
- Zinc Aluminum
- Colomony 4,5,6,8
- Wallex 50
- Teflon type
- Others

TANTALUM SHEATH FOR FLANGED THERMOWELLS

- All wetted surfaces are covered by sheath
- Tantalum sheath provides maximum protection from corrosive environments such as bromine, chlorine, hydrochloric acid, nitric acid, sulfuric acid and various mixed acids without product contamination
- Fouling factor is minimal



Other sheath materials available... consult MTI factory