



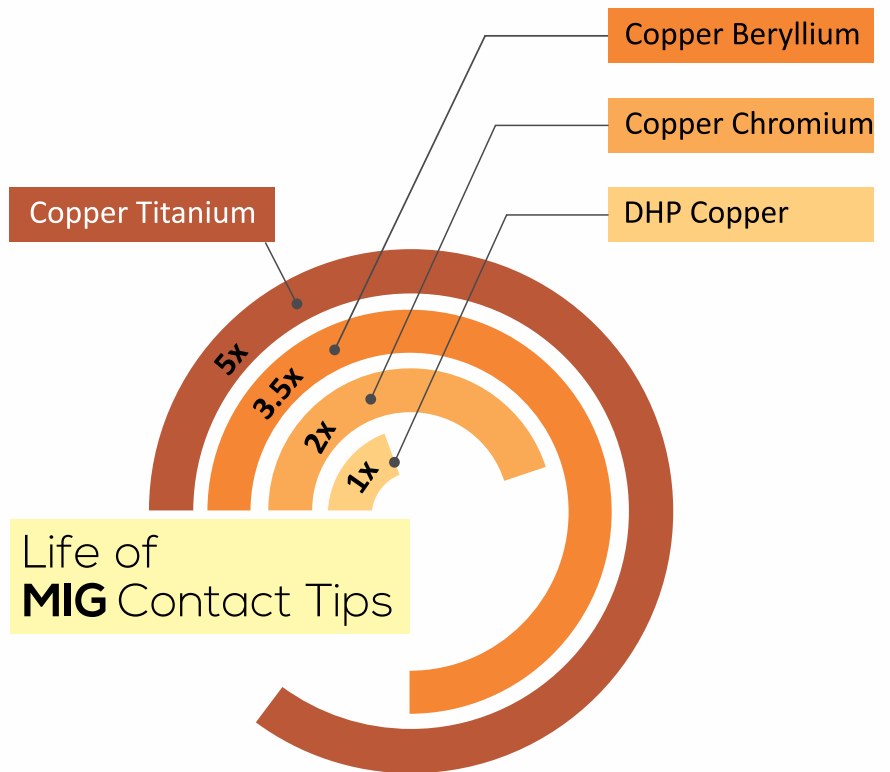
# MIG WELDING CONTACT TIPS

QTi MIG Welding Contact Tips provide extended performance as compared to other copper alloys and are perfect for quality manual welding and robotic applications.

Lower strength copper alloys contact tips tend to wear out quickly leading to downtime and reduced productivity. Worn tips typically become oval and can cause an erratic arc from the random electrical connection and physical movement of the wire inside the worn tip.

## ADVANTAGES

- | Beryllium Free |
- | Long life of Contact Tips |
- | High Annealing Temperature |
- | Less Deformation |
- | Cost Effective |
- | Suitable for Industrial and Heavy applications |



- | QTi Alloys for MIG Contact Tips provide superior performance and wear resistance as compared to CuCr/CuCrZr alloys.
- | QTi Alloys have a higher annealing temperature therefore delivering longer life without deformation.
- | QTi Alloys MIG Contact Tips are available in different sizes and are economical making them preferred contact tips.

**BREAKTHROUGH INNOVATION IN THE FIELD OF MATERIALS**

# WARNING!

INHALING BERYLLIUM DUST OR FUMES MAY CAUSE SERIOUS, CHRONIC LUNG DISEASE AMONG EXPOSED WORKERS. THIS LUNG DISEASE CAN BE FATAL.

## DISADVANTAGES : Copper Beryllium (CuBe)

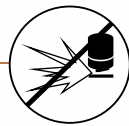
- Needs precautions while machining and handling
- Creates an inhalation hazards known as Chronic Beryllium Disease (CBD)
- CBD may occur among people who are exposed to the dust or fumes from beryllium metal, metal oxides, alloys, ceramics or salts
- Latest research shows skin can be a route to CBD
- Expensive material
- High cost of compliance to safety standards



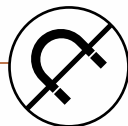
## COPPER TITANIUM TECHNOLOGY DEVELOPED BY DRDO



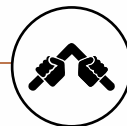
Beryllium Free



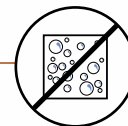
Non-Sparking



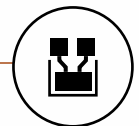
Non Magnetic



High Strength



Corrosion Resistant



Good Conductivity

### ABOUT US

Pahwa MetalTech Pvt. Ltd. was incorporated in 2014 by experienced techno-managerial entrepreneurs with over 40 years of experience in engineering with a vision to become a leader in manufacturing high strength copper alloys.

Pahwa MetalTech has obtained an exclusive licence from DRDO (Defence Research & Development Organization) of a technology to manufacture high strength Copper Titanium alloys.

### OTHER PRODUCTS



Non-Sparking Hand Tools



Resistance Welding Products



MIG Welding Contact Tips



Plunger Tips



Dies and Moulds



Valve Seats



Electrical Contacts



Special Applications



#### Manufacturing Unit:

Plot No. A-30/1/1, Phase-1, M.I D.C.,  
Chakan, Tal : Khed, Dist : Pune 410501

Ph: +91-77450 70022

[info@pahwametaltech.co.in](mailto:info@pahwametaltech.co.in)

#### Connect with us:

