



MAC HICA T3072

■ **Description & Applications:**

Cobalt based Tig wire designed to combat all four elements of wear, i.e. heat, impact, corrosion and abrasion. High impact properties. Most suitable of cobalt range where impact is the most predominant of the four elements of wear. Excellent for rebuilding corners with minimum base metal dilution. Has ability to overlay extensive areas without cracking. Will retain hardness at high temperatures. The welds are machinable. Recommended for use in iron and steel industries. Suitable for use on shear blades, dies, punches and all applications where good resistance to heat, impact, corrosion and abrasion is required.

■ **Related Specification:**

AWS ER-Co-Cr-A

■ **Typical All Weld Metal Chemical Analysis %:**

| C | Cr | W | Fe | Co |
|-----|------|-----|-----|---------|
| 1.0 | 31.0 | 5.5 | 2.0 | Balance |

■ **Typical All Weld Deposit Hardness:**

| | HRC | HV |
|--------|-----|-----|
| +20°C | 45 | 440 |
| +400°C | 32 | 320 |
| +800°C | 22 | 230 |

■ **Sizes Available:**

3.25mm 4.00mm