



# HILCO BRONZE C

Gas welding rods – non ferrous – brazing

AWS A5.8: ~RB CuZnA

ISO 17672: ~CU 471

Werkstoffnr. 2.0531

**Wire type:**  
OAW Solid wire

**Shielding gas:**  
Oxy-acetylene

**Welding positions:**



Bronze C is our low fuming bronze (brass) brazing rod for joining and surfacing steel, copper and copper alloys, brass, grey and malleable cast iron, nickel and nickel alloys. Bronze C produces poreless joints, colour matching with brass. Applications are universal but typical for joining galvanized steel (without destroying its zinc layer), joining non-ferrous metals, tube structures, sanitary installations, fitting and repair work, bicycles, motorcycles, automotive industries, furniture industry. The Mn content guarantees strong and high quality joints.

### Base materials to be welded:

- Similar and dissimilar joining
- To be used in combination with HILCO Bronze Flux.

### Applications:

- Shipbuilding & Offshore
- General fabrication & construction
- Repair & Maintenance
- Transport & Lifting Industry
- Process Industry

### Chemical composition, wt.% weld metal – typical:

Mn	Si	Sn	Fe	Cu	Zn
0,6	0,25	0,3	0,03	60,0	Bal.

### Melting range

870-900°C

### Packaging data:

Dia. mm.	Length mm.	Weight / package kg.
1,5	1000	5
2,0	1000	5
2,5	1000	5
3,0	1000	5
4,0	1000	5