

## Silver Brazing Alloy J72100

Composition (wt %)									ISO 17672	AWS
Ag	Cu	Zn	Mn	Ni	Sn	Si	P	Other		
72	28	-	-	-	-	-	-	-	Ag 272	BAg-8

### Technical data

Density	10 g/cm <sup>3</sup>
Melting range	780 °C
Shear strength	-
Tensile strength	-
Recommended joint gap	-
Maximum operating temperature of brazed joint	200 °C

### Applications

This alloy is frequently employed in the tools sector and for electric devices.

It is an ecological silver-copper alloy with eutectic composition that shows excellent flow properties. Joints generally present a very good tensile strength. However, joint strength depends on various factors: type of base metals to be joined, type of joint, joint gap, etc.

The melting point of J72100 is 780°C.

Heat sources commonly employed are flame or induction heating system; this alloy is especially suitable for vacuum furnaces and for brazing under protected atmosphere.

### Standard forms and dimensions

Product	Feasibility
Wire	✓
Strip	-
Rods	✓
Flux coated rods	-
Rings	✓

### Recommended fluxes

-

### Note

Silver brazing alloys and dimensions other than those listed in our catalogue are available upon request.

Details included in this technical data sheets are based on our knowledge and experience and are believed to be accurate. All data in this data sheet are merely recommendations and shall not be regarded as an assurance of any properties of the product. *We do not assume any responsibility and make no warranty with respect to the results that may be obtained and the damages that may occur from the use of the information provided.*

Since end use of the product is not under our direct control, it is the user's responsibility to comply with applicable safety and hygiene laws and regulations.