

A 3005 EASY FORM

Silver containing copper-phosphorus alloy



Classifications

DIN EN ISO 3677
B-Cu89PAg-645/815

DIN EN ISO 17672
CuP 281

DIN 8513
L-Ag5P

Material-No.
2.1466

AWS A5.8 / SFA-5.8
BCuP-3

Composition, typical analysis (% w/w)

Cu	Ag	P
bal.	5	6

Mechanical and physical properties

Melting range	645 - 815 °C	Specific gravity	8,2 g/cm ³
Working temperature	710 °C	Tensile strength	250 N/mm ²
Electrical conductivity	5 Sm/mm ²	Elongation (l=5d)	8 %

Characteristics and typical fields of application

A 3005 EasyForm is a silver containing copper phosphorus brazing alloy with good flow behaviour and high ductility. It is suitable for gap brazing on copper, brass, tin bronze and gunmetal. It suits to brazing joints operated at temperatures between -60 °C and +150 °C, (determined by notched flexural impact tests according to DIN EN 10045). Do not use in sulphurous environment and on Fe- and Ni-alloys.

Heat sources

Flame, induction and resistance heating, TIG-torch

Flux

Only copper alloys require the use of flux

F 300 - Series