

## High initial permeability soft magnetic alloy

### Specifications

Item	C	S	P	Mn	Si	Ni	Cr	Cu	Fe
1J46	≤0.03	≤0.02	≤0.02	0.60~ 1.10	0.15~ 0.30	45.0~ 46.5		≤0.2	Bal
1J50	≤0.03	≤0.02	≤0.02	0.30~ 0.60	0.15~ 0.30	49.0~ 50.5		≤0.2	Bal
1J54	≤0.03	≤0.02	≤0.02	0.3~ 0.6	1.10~ 1.40	49.5~ 51.0	3.80~ 4.20	≤0.2	Bal

### Properties

High permeability soft magnetic alloy has high saturation magnetic flux density.

### Application

transformer, relay, magnetic clutch.