



## Characteristic of Co-based Amorphous Ribbon

Item	Grade CACO-01	Grade CACO-02
Strip thickness ( $\mu\text{m}$ )	18-25	18-25
Fill factor $\sigma$	>0.8	>0.8
Magnetic induction B800/T	>0.55	$\geq 0.9$
Coercivity $H_c$ (A/m)	<0.13	$\leq 1.0$
Iron loss P0.4T/50k (W/kg)	<65	
Initial magnetic conductivity $\mu_0$	>60000	>60000
Maximum magnetic permeability $\mu_{\text{max}}$	1000000	1000000
Curie temperature ( $^{\circ}\text{C}$ )	255	485
Resistivity ( $\mu\Omega\cdot\text{cm}$ )	120	120
Continuous working temperature ( $^{\circ}\text{C}$ )	-40-90	-40-90
Saturation magnetostriction coefficient $\lambda_s$	0	0

## Specification of Co-based Amorphous Ribbon

Part No.	Width (mm)	Thickness ( $\mu\text{m}$ )
JCACO020232	2	18-25
JCACO030232	3	18-25
JCACO032232	3.2	18-25
JCACO045232	4.5	18-25
JCACO050232	5	18-25
JCACO060232	6	18-25
JCACO065232	6.5	18-25
JCACO080232	8	18-25
JCACO100232	10	18-25
JCACO150232	15	18-25
JCACO200232	20	18-25
JCACO250232	25	18-25
JCACO300232	30	18-25

Note: Customized sizes available.