Crown Spring Contact Pins

Product Introduction

The high-performance contact system of crown spring pins is able to maintain the reliability of the electrical contact in the intense vibration environment. The manufacturing process is simple, and each plate in the elastic ring is independent. The crown spring design has low contact resistance and mild pulling force.



Product Features

- high mechanical durability
- Stable insertion and withdrawal force
- low contact resistance
- Reliable contact and vibration resistance
- Large carrying capacity and low heat output
- Small size to save space

Technical performances

01 Mechanical Performance

Material	Brass, Copper
Contact Material	Beryllium bronze
Plating Material	Gold, silver

Tips: Customized according to requirements

02 Electrical performance

Mechanical life	≥10,000 times
Operating temperature	-40℃~125℃

Performance Specifications

Crown spring size (mm)	Rated current≤ (mm)	Application
3	30	New energy electric vehicles and other charging, conductive related fields
6	60	
8	150	
10	200	
12	250	