

Abstract

This electrical contact member repeatedly contacts a subject. The surface of the electrical contact member that contacts a subject is configured from a metallic-element-containing carbon coating film containing a metallic element. The surface roughness (Ra1) of the metallic-element-containing carbon coating film formed at an inclined surface that is at 45° with respect to the axial line of the electrical contact member is no greater than a certain value. As a result, it is possible to achieve low adhesiveness to the subject, an increase in contact resistance is stably suppressed over the long term, and it is possible to maintain a stable electrical contact.