



# To Use This Product Safely

Be sure to read this before use. For general cylinder information, see Intro 41, and for cylinder switches, see P. 1512.

Individual Precautions: Free Joint FJ Series

## During Use

### Warning

- When screwing the male thread of a rod onto the female thread of a socket or case, check that it does not hit the bottom.

If used with the rod bottomed out, the ball stud will not float and will not operate normally. As a guideline, the appropriate screw-in Depth into the female thread is 1 to 2 turns back from the bottomed-out position. For FJ-3 to 5, strictly observe the screw-in dimension (P).

- Do not apply excessive torque such as tightening torque to the stud nut. When assembling the ball stud to the equipment, apply tightening torque only to the rod nut. Also, when removing the ball stud from the equipment, loosen the rod nut to remove.

- When connecting the object being driven and the cylinder rod with a Floating Fittings, securely fix the components by fastening the screws with a tightening torque that is appropriate for the thread size. Furthermore, if loosening is a concern during use, take measures to prevent loosening such as pinning or applying adhesive.

In the unlikely event that the connection part loosens and detaches, it may cause runaway or falling of the driven body, leading to equipment damage or injury.

- The thread part (ball stud) can be turned but is not a rotary fitting. Do not use this for rotary purposes.

MEMO

Related Equipment

SKL

NCK

SCK

FCK

FJ

FK

Related Equipment

SKL

NCK

SCK

FCK

FJ

FK

Cylinder Switch

Ending

For precautions during mounting, installation, adjustment, use, and maintenance, refer to "During Use" in this catalog and the CKD Components Product website (<https://www.ckd.co.jp/kiki/en/>) -> "Model No." -> [Instruction Manual](#).

Cylinder Switch

Ending