



Pneumatic components

# Safety Precautions

Be sure to read this section before use.

Refer to Intro Page 73 for general information of the cylinder, and to Intro Page 80 for general information of the cylinder switch.

SCP\*3

CMK2

CMA2

Product-specific cautions: Cartridge cylinder CAT Series

SCM

## Mounting, installation and adjustment

SCG

### CAUTION

SCA2

■ Do not use the product so as to apply load when pulling the piston rod.

SCS2

Because the cylinder built-in spring has only returning force for the piston rod, the rod cannot be returned to the stroke end when a load is applied.

CKV2

CAV2/  
COVPIN2

SSD2

■ Do not leave the single acting cylinder pressurized. If it is left pressurized for long periods, the piston rod may not return due to spring load when the pressure is released.

SSG

SSD

■ For the single acting cylinder, take care when mounting so as not to block the breathing hole provided on the cover surface. Otherwise, malfunctions may result.

CAT

MDC2

MVC

SMG

MSD/  
MSDG

## Use/maintenance

FC\*

### CAUTION

STK

■ Because this cylinder is a non-disassembly type, do not apply excessive force to the rod cover or body.

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

FJ

FK

Spd  
Contr

Ending

■ When using CAT-N (panel mounting), only use the attached clamping nipple (FCS6-M5-P; orifice size  $\phi 0.8$  mm). Otherwise, malfunctions or body damage may result.

■ For applicable clamping tube, our model No. F-1506 (outer diameter 6 mm, inner diameter 4 mm) is recommended.

■ When using CAT-O (inset), make sure that the washer sealing portion does not make contact with the square tang for wrench application. Failure to do so may lead to air leakage.

