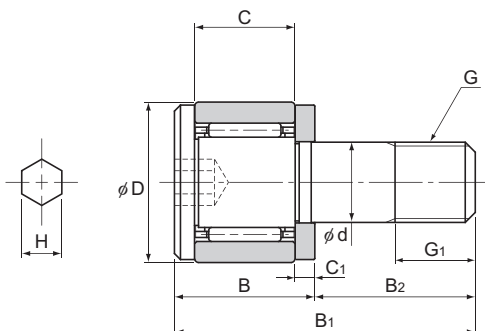


# Outer-ring Compact-type Cam Follower Model CFS-A

| Optional specifications |                        | Symbol    |
|-------------------------|------------------------|-----------|
| Roller guide            | With cage              | No Symbol |
|                         | Full rollers           | V         |
| Material                | Carbon steel           | No Symbol |
|                         | Stainless steel        | M         |
| Seal                    | Without seal           | No Symbol |
| Outer ring shape        | Cylindrical outer ring | No Symbol |



| Stud diameter |           | Main dimensions |                  |           |                |     |                |                |                |     |                                |
|---------------|-----------|-----------------|------------------|-----------|----------------|-----|----------------|----------------|----------------|-----|--------------------------------|
|               |           | Outer diameter  | Outer ring width | Threaded  |                |     | Overall length |                |                |     | Shoulder height<br>f<br>(Min.) |
| d             | Model No. | D               | C                | G         | G <sub>1</sub> | B   | B <sub>1</sub> | B <sub>2</sub> | C <sub>1</sub> | H   |                                |
| 2.5           | CFS 2.5-A | 5               | 3                | M2.5×0.45 | 2.5            | 4.5 | 9.5            | 5              | 0.7            | 0.9 | 4.8                            |
| 3             | CFS 3-A   | 6               | 4                | M3×0.5    | 3              | 5.5 | 11.5           | 6              | 0.7            | 1.5 | 5.8                            |
| 4             | CFS 4-A   | 8               | 5                | M4×0.7    | 4              | 7   | 15             | 8              | 1              | 2   | 7.7                            |
| 5             | CFS 5-A   | 10              | 6                | M5×0.8    | 5              | 8   | 18             | 10             | 1              | 2.5 | 9.6                            |
| 6             | CFS 6-A   | 12              | 7                | M6×1.0    | 6              | 9.5 | 21.5           | 12             | 1.2            | 3   | 11.6                           |

Note: For information on accuracy standards, please refer to **A19-14**.

## Model number coding

**CFS3 V M -A**

Model No.

No symbol: With cage

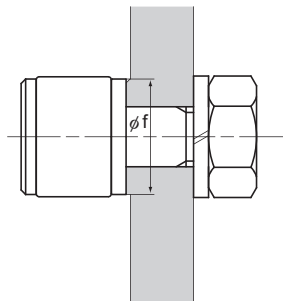
V : Full-roller Type

No symbol: Carbon steel

M : Stainless steel

Stud head with a hexagon socket

Notes: Model CFS is only compatible with cylindrical outer ring types without seals and with stud head hexagon sockets.  
For accessories, please refer to **A19-38**.



Unit:mm

|  | Basic load rating |                |             |                      | Maximum permissible load<br><br>F <sub>0</sub><br><br>kN | Trackloadcapacity               | Mass      |                      |
|--|-------------------|----------------|-------------|----------------------|----------------------------------------------------------|---------------------------------|-----------|----------------------|
|  | With cage         |                | Fullrollers |                      |                                                          | Cylindricalouter ring<br><br>kN | WithcageF | Fullrollers<br><br>g |
|  | C<br>kN           | C <sub>0</sub> | C<br>kN     | C <sub>0</sub><br>kN |                                                          |                                 |           |                      |
|  | 0.41              | 0.335          | 1           | 1.08                 | 0.26                                                     | 0.3                             | 1         | 1                    |
|  | 0.63              |                | 0.61        | 1.77                 | 0.36                                                     | 0.48                            | 2         | 2                    |
|  | 1.08              |                | 1.08        | 3.02                 | 0.78                                                     | 0.77                            | 4         | 4                    |
|  | 1.57              |                | 1.86        | 4.73                 | 1.42                                                     | 1.18                            | 7         | 7                    |
|  | 2.06              |                | 2.16        | 6.27                 | 2.11                                                     | 1.54                            | 13        | 13                   |

Note: Since model CFS does not have a lubrication hole, it cannot be replenished with grease.