

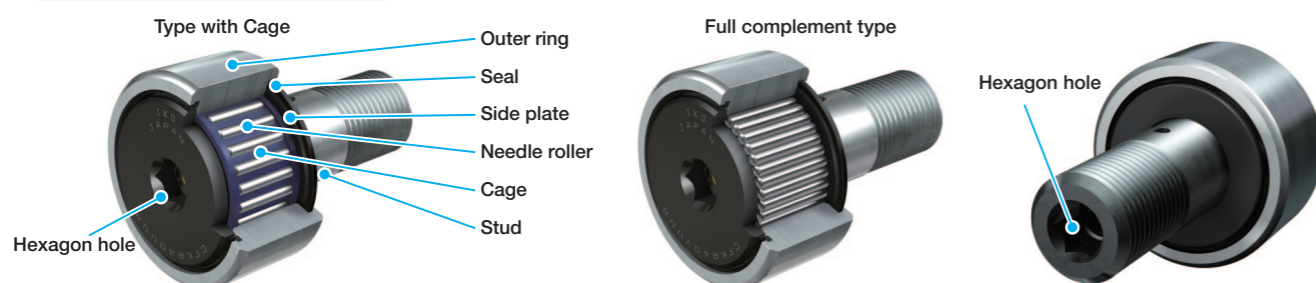
Patented

# Double Hex Hole Cam Followers CFKR

Newly released Cam Follower with Hex Hole in both ends of the stud!



## CFKR Structure



Cam Followers have stud bearings with needle rollers incorporated in thick outer rings. These bearings are designed for the outer ring to rotate, with small friction coefficients and excellent rotation performance. Double Hex Hole Cam Followers have hexagon sockets on both ends that allow them to be used in unlimited mounting positions.

## Variation of CFKR

Bearing model	Roller guide method	Outer ring outer diameter surface shape	Seal structure	Identification number	Size (Outer ring outer diameter)													
					30	32	35	40	47	52	62	72	80	85	90			
Double Hex Hole Cam Followers	With cage	Crowned outer ring	Shield type	CFKR...R	○	○	○	○	○	○	○	○	○	○	○	○	○	
			Sealed type	CFKR...UUR	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		Cylindrical outer ring	Shield type	CFKR	○	○	○	○	○	○	○	○	○	○	○	○	○	○
			Sealed type	CFKR...UU	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Full complement	Crowned outer ring	Shield type	CFKR...VR	○	○	○	○	○	○	○	○	○	○	○	○	○	
			Sealed type	CFKR...VUUR	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		Cylindrical outer ring	Shield type	CFKR...V	○	○	○	○	○	○	○	○	○	○	○	○	○	○
			Sealed type	CFKR...VUU	○	○	○	○	○	○	○	○	○	○	○	○	○	○

## Features

### Cam Followers with Hex Hole in both ends of the stud

The studs of both ends have hexagonal sockets that allow for easy mounting from either side using a hexagon wrench.

## Example of Identification Number

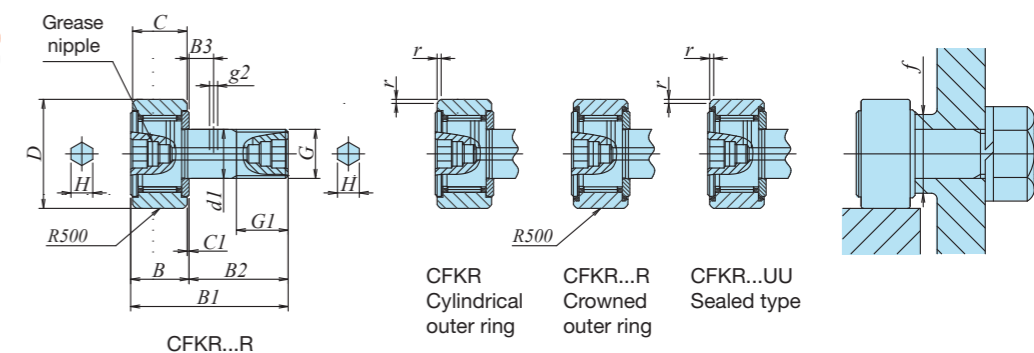
CFKR 30 V UU R

① ② ③ ④ ⑤

① Model	CFKR Double Hex Hole Cam Followers
② Dimensions	The size indicates the outer diameter of the outer ring. (Unit: mm)
③ Roller guide method	No Symbol With cage V Full complement

④ Seal structure	No Symbol Shield type UU Sealed type
⑤ Outer ring outer diameter surface shape	No Symbol Cylindrical outer ring R Crowned outer ring

## Dimensions



With cage

Identification number				Mass (Ref.) g	Boundary dimensions mm												Mounting dimensions f Min. mm	Maximum tightening torque N·m	Basic dynamic load rating C N	Basic static load rating Co N	Maximum allowable static load N	
Shield type Crowned outer ring	Cylindrical outer ring	Sealed type Crowned outer ring	Cylindrical outer ring		D	C	d1	G	G1	Bmax	B1max	B2	B3	C1	g2	H						rs min (r)
CFKR30R	CFKR30	CFKR30UUR	CFKR30UU	94	30	14	12	M12X1.5	13	15.2	40.2	25	6	0.6	3	6	0.6	21	21.9	7 910	9 790	9 790
CFKR32R	CFKR32	CFKR32UUR	CFKR32UU	104	32	14	12	M12X1.5	13	15.2	40.2	25	6	0.6	3	6	0.6	21	21.9	7 910	9 790	9 790
CFKR35R	CFKR35	CFKR35UUR	CFKR35UU	165	35	18	16	M16X1.5	17	19.6	52.1	32.5	8	0.8	3	8	0.6	26	58.5	12 000	18 300	18 300
CFKR40R	CFKR40	CFKR40UUR	CFKR40UU	250	40	20	18	M18X1.5	19	21.6	58.1	36.5	8	0.8	3	8	1	29	86.2	14 800	25 200	25 200
CFKR47R	CFKR47	CFKR47UUR	CFKR47UU	378	47	24	20	M20X1.5	21	25.6	66.1	40.5	9	0.8	4	10	1	34	119	20 700	34 600	34 600
CFKR52R	CFKR52	CFKR52UUR	CFKR52UU	453	52	24	20	M20X1.5	21	25.6	66.1	40.5	9	0.8	4	10	1	34	119	20 700	34 600	34 600
CFKR62R	CFKR62	CFKR62UUR	CFKR62UU	795	62	29	24	M24X1.5	25	30.6	80.1	49.5	11	0.8	4	14	1	40	215	30 500	52 600	52 000
CFKR72R	CFKR72	CFKR72UUR	CFKR72UU	1 120	72	29	24	M24X1.5	25	30.6	80.1	49.5	11	0.8	4	14	1	40	215	30 500	52 600	52 000
CFKR80R	CFKR80	CFKR80UUR	CFKR80UU	1 860	80	35	30	M30X1.5	32	37	100	63	15	1	4	14	1	49	438	45 400	85 100	85 100
CFKR85R	CFKR85	CFKR85UUR	CFKR85UU	2 020	85	35	30	M30X1.5	32	37	100	63	15	1	4	14	1	49	438	45 400	85 100	85 100
CFKR90R	CFKR90	CFKR90UUR	CFKR90UU	2 210	90	35	30	M30X1.5	32	37	100	63	15	1	4	14	1	49	438	45 400	85 100	85 100

Note (r) Minimum allowable value of chamfer dimension r. 1 N = 0.102 kgf

Full complement

Identification number				Mass (Ref.) g	Boundary dimensions mm												Mounting dimensions f Min. mm	Maximum tightening torque N·m	Basic dynamic load rating C N	Basic static load rating Co N	Maximum allowable static load N	
Shield type Crowned outer ring	Cylindrical outer ring	Sealed type Crowned outer ring	Cylindrical outer ring		D	C	d1	G	G1	Bmax	B1max	B2	B3	C1	g2	H						rs min (r)
CFKR30VR	CFKR30V	CFKR30VUUR	CFKR30VUU	96	30	14	12	M12X1.5	13	15.2	40.2	25	6	0.6	3	6	0.6	21	21.9	13 500	19 700	13 200
CFKR32VR	CFKR32V	CFKR32VUUR	CFKR32VUU	106	32	14	12	M12X1.5	13	15.2	40.2	25	6	0.6	3	6	0.6	21	21.9	13 500	19 700	13 200
CFKR35VR	CFKR35V	CFKR35VUUR	CFKR35VUU	168	35	18	16	M16X1.5	17	19.6	52.1	32.5	8	0.8	3	8	0.6	26	58.5	20 700	37 600	23 200
CFKR40VR	CFKR40V	CFKR40VUUR	CFKR40VUU	253	40	20	18	M18X1.5	19	21.6	58.1	36.5	8	0.8	3	8	1	29	86.2	25 300	51 300	31 100
CFKR47VR	CFKR47V	CFKR47VUUR	CFKR47VUU	383	47	24	20	M20X1.5	21	25.6	66.1	40.5	9	0.8	4	10	1	34	119	33 200	64 500	37 500
CFKR52VR	CFKR52V	CFKR52VUUR	CFKR52VUU	458	52	24	20	M20X1.5	21	25.6	66.1	40.5	9	0.8	4	10	1	34	119	33 200	64 500	37 500
CFKR62VR	CFKR62V	CFKR62VUUR	CFKR62VUU	800	62	29	24	M24X1.5	25	30.6	80.1	49.5	11	0.8	4	14	1	40	215	46 600	92 000	52 000
CFKR72VR	CFKR72V	CFKR72VUUR	CFKR72VUU	1 120	72	29	24	M24X1.5	25	30.6	80.1	49.5	11	0.8	4	14	1	40	215	46 600	92 000	52 000
CFKR80VR	CFKR80V	CFKR80VUUR	CFKR80VUU	1 860	80	35	30	M30X1.5	32	37	100	63	15	1	4	14	1	49	438	67 700	144 000	85 900
CFKR85VR	CFKR85V	CFKR85VUUR	CFKR85VUU	2 020	85	35	30	M30X1.5	32	37	100	63	15	1	4	14	1	49	438	67 700	144 000	85 900
CFKR90VR	CFKR90V	CFKR90VUUR	CFKR90VUU	2 210	90	35	30	M30X1.5	32	37	100	63	15	1	4	14	1	49	438	67 700	144 000	85 900

Minimum allowable value of chamfer dimension r. 1 N = 0.102 kgf