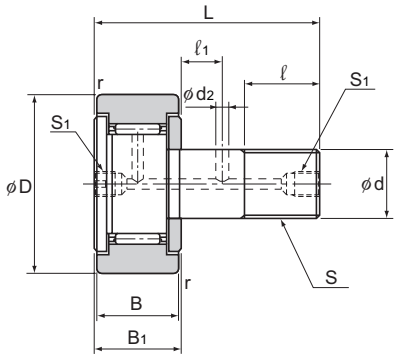
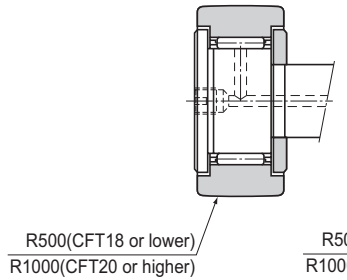
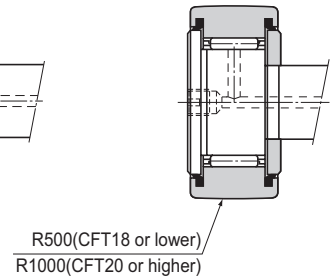
Model CFT (Cam Follower with Tapped Greasing Hole (Cylindrical Outer Ring)),
Model CFT-M (Made of Stainless Steel)
Model CFT-R (Cam Follower with Tapped Greasing Hole (Spherical Outer Ring)),
Model CFT-MR (Made of Stainless Steel)

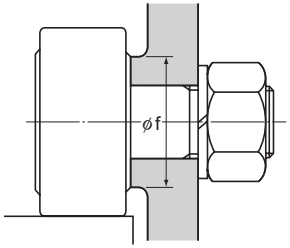




Model CFT-R



Model CFT···UUR



Unit: mm

Stud diameter		Main dimensions											Basic load rating				Maximum permissible load	Track load capacity		Rotational speed limit *		Mass	
		Outer diameter	Threaded	Outer ring width		Overall length						Shoulder height	With cage		Full-roller type			Cylindrical outer ring	Spherical outer ring	With cage	Full-roller type	Cage	Full rollers
												f	C	C_0	C	C_0	F_0						
d	Model No.	D	S	B	B_1	L	S_1	d_2	ℓ	$ℓ_1$	r	(Min.)	kN	kN	kN	kN	kN	kN	kN	min^{-1}	min^{-1}	g	g
6	CFT 6	16	M6×1	11	12	28	M6×0.75*	—	9	—	0.5	11	3.59	3.58	6.94	8.5	2.11	3.43	1.08	25000	11000	18.5	19
8	CFT 8	19	M8×1.25	11	12	32	M6×0.75*	—	11	—	0.5	13	4.17	4.65	8.13	11.2	4.73	4.02	1.37	20000	8700	28.5	29
10	CFT 10	22	M10×1.25	12	13	36	M6×0.75*	—	13	—	1	15	5.33	6.78	9.42	14.3	5.81	4.7	1.67	17000	7200	45	46
10	CFT 10-1	26	M10×1.25	12	13	36	M6×0.75*	—	13	—	1	15	5.33	6.78	9.42	14.3	5.81	5.49	2.06	17000	7200	60	61
12	CFT 12	30	M12×1.5	14	15	40	M6×0.75	3	14	6	1.5	20	7.87	9.79	13.4	19.8	9.37	7.06	2.45	14000	5800	95	97
12	CFT 12-1	32	M12×1.5	14	15	40	M6×0.75	3	14	6	1.5	20	7.87	9.79	13.4	19.8	9.37	7.45	2.74	14000	5800	105	107
16	CFT 16	35	M16×1.5	18	19.5	52	PT 1/8	3	18	8	1.5	24	12	18.3	20.6	37.6	17.3	11.2	3.14	10000	4500	170	173
18	CFT 18	40	M18×1.5	20	21.5	58	PT 1/8	3	20	8	1.5	26	14.7	25.2	25.2	51.3	26.1	14.4	3.72	8500	3800	250	255
20	CFT 20	52	M20×1.5	24	25.5	66	PT 1/8	4	22	9	1.5	36	20.7	34.8	33.2	64.8	32.1	23.2	8.23	7000	3400	460	465
20	CFT 20-1	47	M20×1.5	24	25.5	66	PT 1/8	4	22	9	1.5	36	20.7	34.8	33.2	64.8	32.1	21	7.15	7000	3400	385	390
24	CFT 24	62	M24×1.5	29	30.5	80	PT 1/8	4	25	11	1.5	40	30.6	53.2	46.7	92.9	49.5	34.2	10.5	6500	2900	815	820
24	CFT 24-1	72	M24×1.5	29	30.5	80	PT 1/8	4	25	11	1.5	40	30.6	53.2	46.7	92.9	49.5	39.8	12.9	6500	2900	1140	1140
30	CFT 30	80	M30×1.5	35	37	100	PT 1/8	4	32	15	2	46	45.4	87.6	67.6	145	73.7	52.6	14.9	5000	2300	1870	1870
30	CFT 30-1	85	M30×1.5	35	37	100	PT 1/8	4	32	15	2	46	45.4	87.6	67.6	145	73.7	56	16.1	5000	2300	2030	2030
30	CFT 30-2	90	M30×1.5	35	37	100	PT 1/8	4	32	15	2	46	45.4	87.6	67.6	145	73.7	59.3	17.3	5000	2300	2220	2220

Note) The seal must be used at temperature of 80℃ or below.
Those models marked with "＊" have a greasing hole only on the head.

Note) The rotation speed limit value in the table (*) applies to models that have no seal and use grease lubrication. With those models using oil lubrication, up to 130% of this value is permitted. With those attached with seals, up to 70% of this value is permitted.
THK also manufactures full-roller types.

Model number coding

CFT30-1 M UU R

- CFT30-1: Model number
- M: Made of stainless steel
- UU: With seal
- R: Spherical outer ring