


# Cam Followers

## Hex Socket on Head

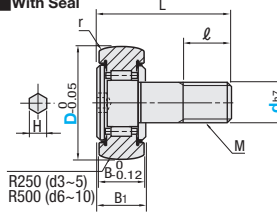
**■ Crowned**



RoHS 10

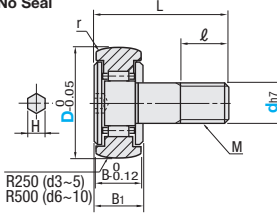
Application	Type		Material	Accessory
	With Seal	No Seal		
General	CFUA	CUA	SUJ2	1 Hex Nut (S45C Carbon Steel, Black Oxide)
Low Dust Generation	CFUAS	CUAS	SUS440C Equivalent	Hex Nut 1 pc. (SUS304)
Heavy Load	CFUAC	-	SUJ2	1 Hex Nut (S45C Carbon Steel, Black Oxide)

**■ With Seal**

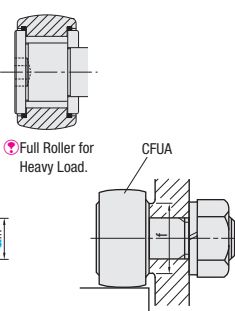


R250 (d3~5)  
R500 (d6~10)

**■ No Seal**



R250 (d3~5)  
R500 (d6~10)



Full Roller for Heavy Load.


CFUA

No grease hole is provided.  
Operating Temp.: 80°C or lower

Part Number		D (Selectable)	MxPitch	B	B <sub>1</sub>	L	ℓ	r	f (Min.)	H	Unit Price							
Type	dh7 Tolerance										CFUA	CFUAS	CFUAC	CFUAG	CUA	CUAS		
(With Seal)	3	0 -0.010	10	3x0.5	7	8	17	5	0.3	6.8	2 (1.5)							
	4	0 -0.012	12	4x0.7	8	9	20	6	0.5	8.6	2.5 (2)							
	5	0 -0.012	13	5x0.8	9	10	23	7.5		9.7	3 (2.5)							
	6	0 -0.012	16	6x1.0	11	12	28	9		11	3							
(No Seal)	8	0 -0.015	19	8x1.25	11	12	32	11		13	4							
	10	0 -0.015	22	10x1.25	12	13	36	13	1	15	5							
			26	10x1.25	12	13	36	13	1	15	5							

⚠ The standards of d12 to 20 have been modified to those with the hex socket on the head and thread. For the new part number, see P.1044. ⚠ Dimensions in ( ) are for Stainless Steel Type.

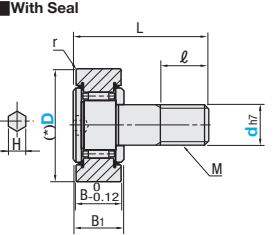
**■ Flat**



RoHS 10

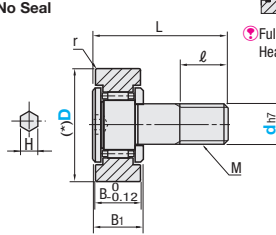
Application	Type		Material	Accessory
	With Seal	No Seal		
General	CFFA	CFA	SUJ2	1 Hex Nut (S45C Carbon Steel, Black Oxide)
Low Dust Generation	CFFAS	CFA	SUS440C Equivalent	Hex Nut 1 pc. (SUS304)
Heavy Load	CFFAC	-	SUJ2	1 Hex Nut (S45C Carbon Steel, Black Oxide)

**■ With Seal**

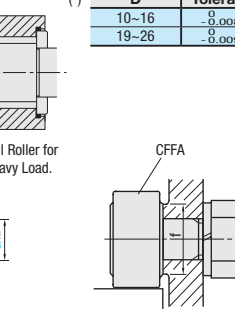


C/D

**■ No Seal**



(\*)D



Full Roller for Heavy Load.

CFFA

No grease hole is provided.  
Operating Temp.: 80°C or lower

D	Tolerance
10~16	0 -0.008
19~26	0 -0.009

Part Number		D (Selectable)	MxPitch	B	B <sub>1</sub>	L	ℓ	r	f (Min.)	H	Unit Price							
Type	dh7 Tolerance										CFFA	CFFAS	CFFAC	CFFAG	CFA	CFA		
(With Seal)	3	0 -0.01	10	3x0.5	7	8	17	5	0.3	6.8	2 (1.5)							
	4	0 -0.012	12	4x0.7	8	9	20	6	0.5	8.6	2.5 (2)							
	5	0 -0.012	13	5x0.8	9	10	23	7.5		9.7	3 (2.5)							
	6	0 -0.012	16	6x1.0	11	12	28	9		11	3							
(No Seal)	8	0 -0.015	19	8x1.25	11	12	32	11		13	4							
	10	0 -0.015	22	10x1.25	12	13	36	13	1	15	5							
			26	10x1.25	12	13	36	13	1	15	5							

⚠ The standards of d12 to 20 have been modified to those with the hex socket on the head and thread. For the new part number, see P.1044. ⚠ Dimensions in ( ) are for Stainless Steel Type.

Table 1: Reference Data of Cam Followers

d-D	General							Heavy Load							
	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating Cor (kN)	Max. Allowable Load (kN)	Track Load Capacity (kN)		Max. Rotational Speed (rpm)	Mass (g)	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating Cor (kN)	Max. Allowable Load (kN)	Track Load Capacity (kN)		Rotational Speed Limit (with Seal) (rpm)	Mass (g)	
				Crowned	Flat						Crowned	Flat			
3-10	1.47	1.18	0.36	0.37	1.37	32900	47000	4.5	-	-	-	-	-	-	
4-12	2.06	2.05	0.78	0.47	1.76	25900	37000	7.5	-	-	-	-	-	-	
5-13	3.14	2.77	1.42	0.53	2.25	20300	29000	10.5	-	-	-	-	-	-	
6-16	3.59	3.58	2.11	1.08	3.43	17500	25000	18.5	6.94	8.50	2.11	1.08	3.43	4400	19
8-19	4.17	4.65	4.73	1.37	4.02	14000	20000	28.5	8.13	11.20	4.73	1.37	4.02	3480	29
10-22	5.33	6.78	5.81	1.67	4.70	11900	17000	45	9.42	14.30	5.81	1.67	4.70	2880	46
10-26				2.06	5.49			60	9.42	14.30	5.81	2.06	5.49	2880	61
12-30	7.87	9.79	9.37	2.45	7.06	9800	14000	95(105)	13.40	19.80	9.37	2.45	7.06	107	
12-32				2.74	7.45			105(115)	13.40	19.80	9.37	2.74	7.45	2320	117
16-35	12.0	18.30	17.30	3.14	11.2	7000	10000	170(205)	20.60	37.60	17.30	3.14	11.20	1800	207
18-40	14.7	25.2	26.1	3.72	14.4	5950	8500	250(295)	-	-	-	-	-	-	
20-52	20.7	34.8	32.1	8.23	23.2	4900	7000	460(525)	-	-	-	-	-	-	

⚠ ( ) is the weight of Hex Socket on Head and Thread. ⚠ kgf=Nx0.101972

Ordering Example: Part Number - D  
CFUAS10 - 22

1-1043