


# Cam Followers

with Hexagon Socket, Flat

**Cam Followers – with Hexagon Socket, Flat**

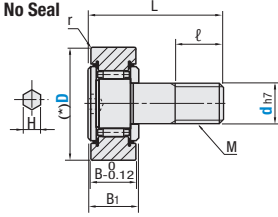
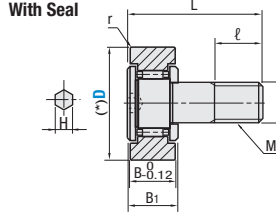


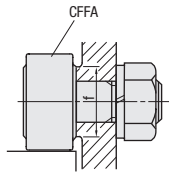
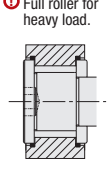
RoHS10


Application	Type		Material	Accessories	(*) D	Tolerance
	With Seal	No Seal				
General	CFFA	CFA	52100 Bearing Steel	1 Hexagon Nut (1045 Carbon Steel or Equivalent, Black Oxide)	10-16	0 -0.008
	CFFAS	CFAS			440C Stainless Steel or Equivalent	1 Hexagon Nut (304 Stainless Steel)
Low Dust Generation	CFFAC	—	52100 Bearing Steel	1 Hexagon Nut (1045 Carbon Steel or Equivalent, Black Oxide)		
Heavy Load	CFFAG	—	52100 Bearing Steel	1 Hexagon Nut (1045 Carbon Steel or Equivalent, Black Oxide)		


(\*) D Tolerance

10-16	0 -0.008
19-26	0 -0.009



**No Seal**  **With Seal** 

**CFFA**   Full roller for heavy load.

**Operating Temperature: 80°C or less**  
 No grease hole is provided.

 For d12 and larger sizes, there are both hexagonal hole and driver groove. For d10 and smaller sizes, there is no grease replenishing hole.

Part Number Type	d <sub>h7</sub> Tolerance	D (Selectable)	M x Pitch	l	B	B <sub>1</sub>	L	H	r	f (Min.)	Available Types					
											CFUA	CFUAS	CFUAC	CFUAG	CUA	CUAS
With Seal	0 -0.01	10	3 x 0.5	5	7	8	17	2 (1.5)	0.3	6.8	—	—	—	•	—	—
		12	4 x 0.7	6	8	9	20	2.5 (2)			—	—	—	•	—	—
		13	5 x 0.8	7.5	9	10	23	3 (2.5)			—	—	—	•	—	—
		16	6 x 1.0	9	11	12	28	3			—	—	—	•	—	—
No Seal	0 -0.012	19	8 x 1.25	11	12	13	32	4	0.5	11	—	—	—	—	—	—
		22	10 x 1.25	13	14	15	36	1			—	—	—	—	—	—
No Seal	0 -0.015	26	10 x 1.25	13	12	13	36	1	1.0	15	—	—	—	—	—	—
		30	12 x 1.5	14	14	15	40	1.5			—	—	—	—	—	—

 The parts with option of d12-20 have been changed to a new part type. For the new part number, P.1071.  Dimensions in ( ) are for Stainless Steel Type.

 Part Number Example


Part Number	-	D
CFUAS10	-	22

# Guide Followers / Solid Eccentric Cam Followers

with Hexagon Socket

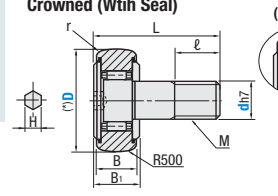

**Features:** Hex socket and grease fitting are mounted on both the head and thread part. You can secure it from either head or thread side using a hex wrench. Greasing is possible from both directions.

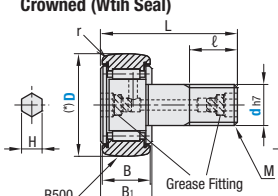
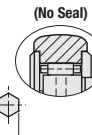
**Solid Eccentric Cam Followers – with Hexagon Socket**

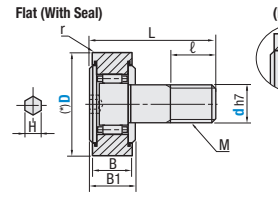
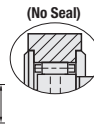


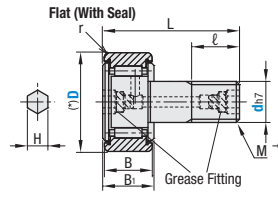
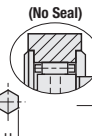
RoHS10

Shape	Type				Material	Accessories	(*) D	Tolerance
	Hex Socket on Head (d6-10)	Hex Socket on Head and Thread (d12 or more)	No Seal	With Seal				
Flat	CFAP	CFFAP	CFAPH	CFFAPH	52100 Bearing Steel	Hex Nut 1 pc. (1045 Carbon Steel or Equivalent, Black Oxide)	16	0 -0.008
Crowned	CUAP	CFUAP	CUAPH	CFUAPH			19-30	0 -0.009
							32-47	0 -0.011
							52-80	0 -0.013
							85-90	0 -0.015

**Hex Socket On Head (d6-10) Crowned (With Seal)**  (No Seal) 

**Hex Socket On Head and Shank (d2-16) Crowned (With Seal)**  (No Seal) 


**Flat (With Seal)**  (No Seal) 

**Flat (With Seal)**  (No Seal) 

**Operating Temperature: 80°C or lower**

Part Number Type	d <sub>h7</sub> Tolerance	D (Selectable)	M x Pitch	l	B	B <sub>1</sub>	L	r	f (Min.)	H	e (Eccentricity)	Mass (g)	Max Tightening Torque (N-cm)	Compliance with Standard			
														CFFAP/CFUAP	CFAP/CUAP	CFFAPH/CFUAPH	CFAPH/CUAPH
With Seal	0 -0.012	16	6 x 1.0	9	11	12	28	0.5	11	3	0.25	18.5	2.94	•	•	—	—
		19	8 x 1.25	11	11	12	32	0.5	13	4	0.25	28.5	7.84	•	•	—	—
		22	10 x 1.25	13	12	13	36	1	15	5	0.3	45	16.7	•	•	—	—
No Seal	0 -0.015	26	10 x 1.25	13	12	13	36	1	15	5	0.3	60	16.7	•	•	—	—
		30	12 x 1.5	14	14	15	40	1.5	20	6	0.4	105	29.4	—	—	•	•
		32	12 x 1.5	14	14	15	40	1.5	20	6	0.4	115	29.4	—	—	•	•
With Seal	0 -0.018	35	16 x 1.5	18	18	19.5	52	1.5	24	6	0.5	205	70.6	—	—	•	•
		40	18 x 1.5	20	20	21.5	58	1.5	26	6	0.6	295	98	—	—	•	•
		47	20 x 1.5	22	24	25.5	66	1.5	36	8	0.7	450	137	—	—	•	•
No Seal	0 -0.021	52	20 x 1.5	22	24	25.5	66	1.5	36	8	0.7	525	137	—	—	•	•
		62	4 x 1.5	25	29	30.5	80	1.5	40	8	0.8	915	245	—	—	•	•
		72	24 x 1.5	25	29	30.5	80	1.5	40	8	0.8	1150	245	—	—	•	•
No Seal	0 -0.021	80	30 x 1.5	32	35	37	100	2	46	8	1	1880	480	—	—	•	•
		85	30 x 1.5	32	35	37	100	2	46	8	1	1950	480	—	—	•	•
		90	30 x 1.5	32	35	37	100	2	46	8	1	2000	480	—	—	•	•

 The standards of d12, 16 have been modified to those with the hex socket on the head and thread.  For the performance of Cam Followers, see Table 1 on P.1071.

 Part Number Example

Part Number	-	D
CFAP8	-	19
CUAP8	-	19

**Part Number Substitution Table for Cam Follower Standard Changes (d12, 16)**

Seal	Material	Old Part Number (Hex Socket on Head)	New Part Number (Hex Socket on Head and Thread)
With Seal	52100 Bearing Steel	CFFAP	CFFAPH
		CFUAP	CFUAPH
No Seal	52100 Bearing Steel	CFAP	CFAPH
		CUAP	CUAPH