

Guide Followers

■ **Features:** Ball bearing-combined products used for transfers and guiding.

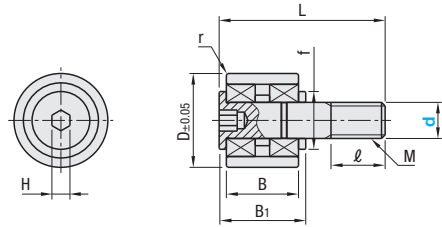
■ Guide Followers



RoHS10

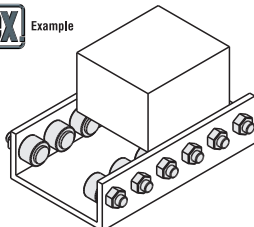
Application	Type	Material		Accessory
		External Parts	Internal Parts (Bearing)	
General	GFR	EN 1.4029 Equiv.	EN 1.3505 Equiv.	Hex Nut 1 pc. (EN 1.4301 Equiv.)

🔧 Operating Temp.: 80°C or lower



EX

Example



Part Number		D	MxPitch	B	B ₁	L	ℓ	r	f (Min.)	H	Basic Load Rating		Allowable Rotational Speed (rpm)	Mass (g)	Unit Price	
Type	d Tolerance										C (Dynamic) kN	Cor (Static) kN				
GFR	3	-0.007 -0.015	10	3x0.5	8.5	9.5	17	5	0.2	6.8	1.5	0.840	0.268	52000	5	
	4		12	4x0.7	9	11	20	6	0.4	7.8	2	1.065	0.405	38000	8	
	5		13	5x0.8	10	12	23	7.5	2.5		1.072	0.414	36000	11		
	6		16	6x1.0	12	14	28	9	0.2	10.8	3	1.620	0.660	30000	18	
	8		19	8x1.25		16	32	11		13.8	4	2.415	1.065	24000	28	

🔧 kgf=Nx0.101972



Ordering Example

Part Number
GFR6

Miniature Cam Followers

■ Miniature Cam Followers

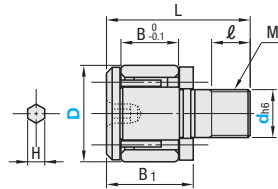


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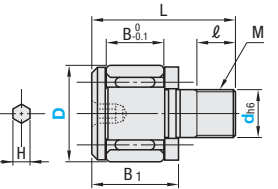
Application	Type	Material		Accessory
		External Parts	Internal Parts (Bearing)	
General	CFFAN	EN 1.3505 Equiv. (Stud: EN 1.7242 Equiv.)		1 Hex Nut (EN 1.1191 Equiv. Carbon Steel, Black Oxide)
Low Dust Generation	CFFAM	EN 1.4125 Equiv.		Hex Nut 1 pc. (EN 1.4301 Equiv.)
	CFFAMC			
Heavy Load	CFFANG	EN 1.3505 Equiv. (Stud: EN 1.7242 Equiv.)		1 Hex Nut (EN 1.1191 Equiv. Carbon Steel, Black Oxide)
	CFFAMG	EN 1.4125 Equiv.		Hex Nut 1 pc. (EN 1.4301 Equiv.)

🔧 Operating Temp.: 80°C or lower

■ General, Low Particle Generation



■ Heavy Load 🔧 Full Roller for Heavy Load.



Note: Thread diameter of Miniature Cam Follower is small. To prevent damage, use torque wrench and secure within the maximum tightening torque. (Please note that the maximum tightening torque for a miniature cam follower is about one-fourth of that of the conventional equivalents.)

■ General, Low Particle Generation

Part Number			D Selectable	MxPitch	ℓ	B	B ₁	L	H		Basic Load Rating				Max. Allowable Load (N)	Track Load Capacity (N)	Max. Rotational Speed (rpm)	Mass (g)	Max. Tightening Torque (N · cm)	Unit Price			
											Cr (Dynamic) N	Cor (Static) N	Steel	Stainless Steel						CFFAN	CFFAM	CFFAMC	
Type	d _{h6} Tolerance								Steel	Stainless Steel	Steel	Stainless Steel	Steel	Stainless Steel									
CFFAN (General, Steel) CFFAM (General) CFFAMC (Low Dust Generation)	2.5	0 -0.006	5	2.5x0.45	2.5	3	4.5	9.5	0.9	0.9	410	350	335	285	285	3360	1	16					
	3		6	3x0.5	3	4	5.5	11.5	1.5	1.3	630	565	610	525	525	470	2800	2	28				
	4	0 -0.008	8	4x0.7	4	5	7	15	2	1.5	1080	915	1080	915	915	795	2100	4	64				
	5		10	5x0.8	5	6	8	18	2.5	2	1570	1340	1860	1400	1400	1210	1680	7	125				
	6		12	6x1.0	6	7	9.5	21.5	3	2.5	2060	1880	2160	2040	2040	1700	1400	13	226				

🔧 kgf=Nx0.101972

■ Heavy Load (Full Rollers)

Part Number			D Selectable	MxPitch	ℓ	B	B ₁	L	H		Basic Dynamic Load Rating				Max. Allowable Load (N)		Track Load Capacity (N)		Max. Rotational Speed (rpm)	Mass (g)	Max. Tightening Torque (N · cm)	Unit Price	
Type	d _{h6} Tolerance	Cr (Dynamic) N									Cor (Static) N		Steel		Stainless Steel		CFFANG					CFFAMG	
		Steel							Stainless Steel	Steel	Stainless Steel	Steel	Stainless Steel	Steel	Stainless Steel	Steel	Stainless Steel	Steel				Stainless Steel	
CFFANG CFFAMG (Heavy Load)	2.5	0 -0.006	5	2.5x0.45	2.5	3	4.5	9.5	0.9	0.9	1000	665	1080	410	260	410	300	285	2000	1	16		
	3		6	3x0.5	3	4	5.5	11.5	1.5	1.3	1370	1020	1770	590	360	590	480	470	1680	2	28		
	4	0 -0.008	8	4x0.7	4	5	7	15	2	1.5	2350	1680	3040	1050	780	1050	770	795	1260	4	64		
	5		10	5x0.8	5	6	8	18	2.5	2	3140	2520	4710	1640	1420	1640	1180	1210	1000	7	125		
	6		12	6x1.0	6	7	9.5	21.5	3	2.5	4610	3400	6270	2360	2110	2360	1540	1700	840	13	226		

🔧 kgf=Nx0.101972



Ordering Example

Part Number - D
CFFAM2.5 - 5