





Cam Followers

Unmounted bearing assembly consisting of hardened precision ground inner and outer raceways with either full complement or separated (cage) needle, ball, tapered or cylindrical rolling elements constructed with an integral stud or precision ground bore. Cam follower bearings provide an antifriction solution for translating rotation to linear motion or supporting either pure radial or combination thrust loads depending on the rolling elements types.

Bearing Configurations

Cylindrical, Crowned, V-Groove Or Flanged

Mounting Styles

Eccentric Or Concentric Stud Or Yoke

Outer Roller Diameter Range

1/2" To 10" And 13 mm To 90 mm

Materials

Bearing Quality Steel, Stainless

Cam Follower Selection Guide

				SIZE RANGE	
		Product Series	Material / Finish	Inch	Metric
CAMROL		CF	Black Oxide Finish Bearing Steel	1/2 - 10	
		CYR		3/4 - 10	
		CFH		1/2 - 7	
		BCF		1/2 - 4	
		BCYR		3/4 - 4	
		MCF			16 - 90
		MCFR			13 - 90
		MCYR			5 - 50
		MCYRR			5 - 50
Heavy-Duty		CFD	Black Oxide Finish Bearing Steel	1 1/4 - 6	
		CYRD		1 1/4 - 6	
		MCFD			35 - 80
		MCYRD			15 - 50

* For estimating purpose only, individually sizes may vary and are subject to change without notification

McGill CAMROL Cam Followers are available in 400 series stainless steel components for improved resistance to both external and internal corrosion.

CRES CAMROL bearings are dimensionally interchangeable with standard CAMROL[®] bearings and easily identifiable with "CR" designation.



Inch Cam Follower Bearings **McGILL**



DESIGN CHARACTERISTICS					FEATURES							Page No.
Radial Load	Thrust Load	Precision	High Speed	Relative Base Cost *	Crowned OD	Eccentric Stud	Lubrication Holes	Seal	Hex Hole	Slotted Face	Jam Nuts	
				\$	O	O	S	O	O	S	-	B-15
				\$	O	-	S	O	-	-	-	B-39
				\$\$	O	-	S	O	O	S	-	B-15
				\$	O	O	S	O	O	S	-	B-45
				\$	O	-	S	O	-	-	-	B-57
				\$	S	O	S	O	O	S	S	B-69
				\$	S	O	S	O	O	S	S	B-69
				\$	S	-	S	O	O	-	S	B-91
				\$	S	-	S	O	-	-	S	B-91
				\$\$	O	O	O	S	S	-	-	B-103
				\$\$	O	-	O	S	-	-	-	B-107
				\$\$	S	O	S	-	O	S	S	B-111
				\$\$	S	-	S	-	-	-	-	B-115

Circular Track / Misalignment

Load Sharing / Adjustment To Track

Relubrication To Help Promote Bearing Operating Life

Contamination Barrier

Blind Hole Mounting

Allows The Use Of A Lube Fitting When Lubrication From The Flange Side Of Bearing

Accessories Included

O = Optional

S = Standard

○ = Not Recommended



Poor ← → Best

Cam Follower Selection Guide

			SIZE RANGE		
		Product Series	Material / Finish	Inch	Metric
Special Duty		SDCF	Black Oxide Finish Bearing Steel	1 - 4	
		SDMCF			25 - 100
TRAKROL		PCF	Black Oxide Finish Bearing Steel	1 1/2 - 9	
		PCYR		3 - 6	
		FCF		1 1/2 - 9	
		FCYR		3 - 6	
		VCF		2 1/2 - 8 1/2	
		VCYR		3 1/2 - 7 1/2	

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Radial Load	Thrust Load	Precision	High Speed	Relative Base Cost *	Crowned OD	Eccentric Stud	Lubrication Hole	Seal	Hex Hole	Slotted Face	Jam Nuts	
				\$\$\$	O	O	-	S	S	-	S	B-123
				\$\$\$	O	O	-	S	S	-	S	B-125
				\$\$	O	O	-	S	-	-	O	B-131
				\$\$	O	-	-	S	S	-	-	B-133
				\$\$\$	-	O	-	S	S	-	O	B-135
				\$\$	-	-	-	S	-	-	-	B-137
				\$\$	-	O	-	S	S	-	O	B-139
				\$\$	-	-	-	S	-	-	-	B-141

Circular Track / Misalignment

Load Sharing / Adjustment To Track

Relubrication And Promote Bearing Life

Contamination Barrier

Blind Hole Mounting

Allows The Use Of A Lube Fitting When Lubrication From The Flange Side Of Bearing

Accessories Included

O = Optional

S = Standard

○ = Not Recommended



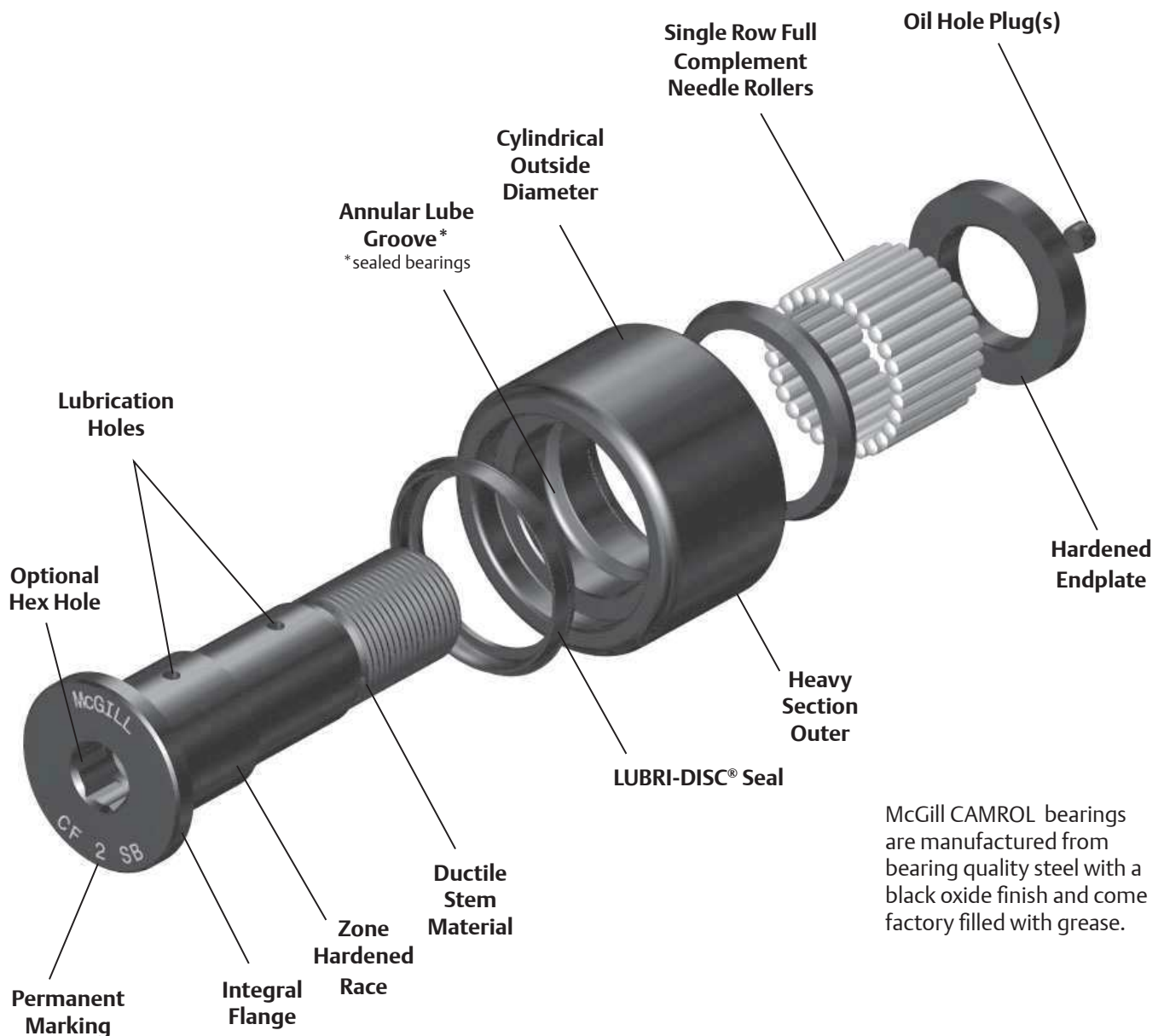
Poor ← → **Best**

* For estimating purpose only, individual costs may vary and are subject to change without notification

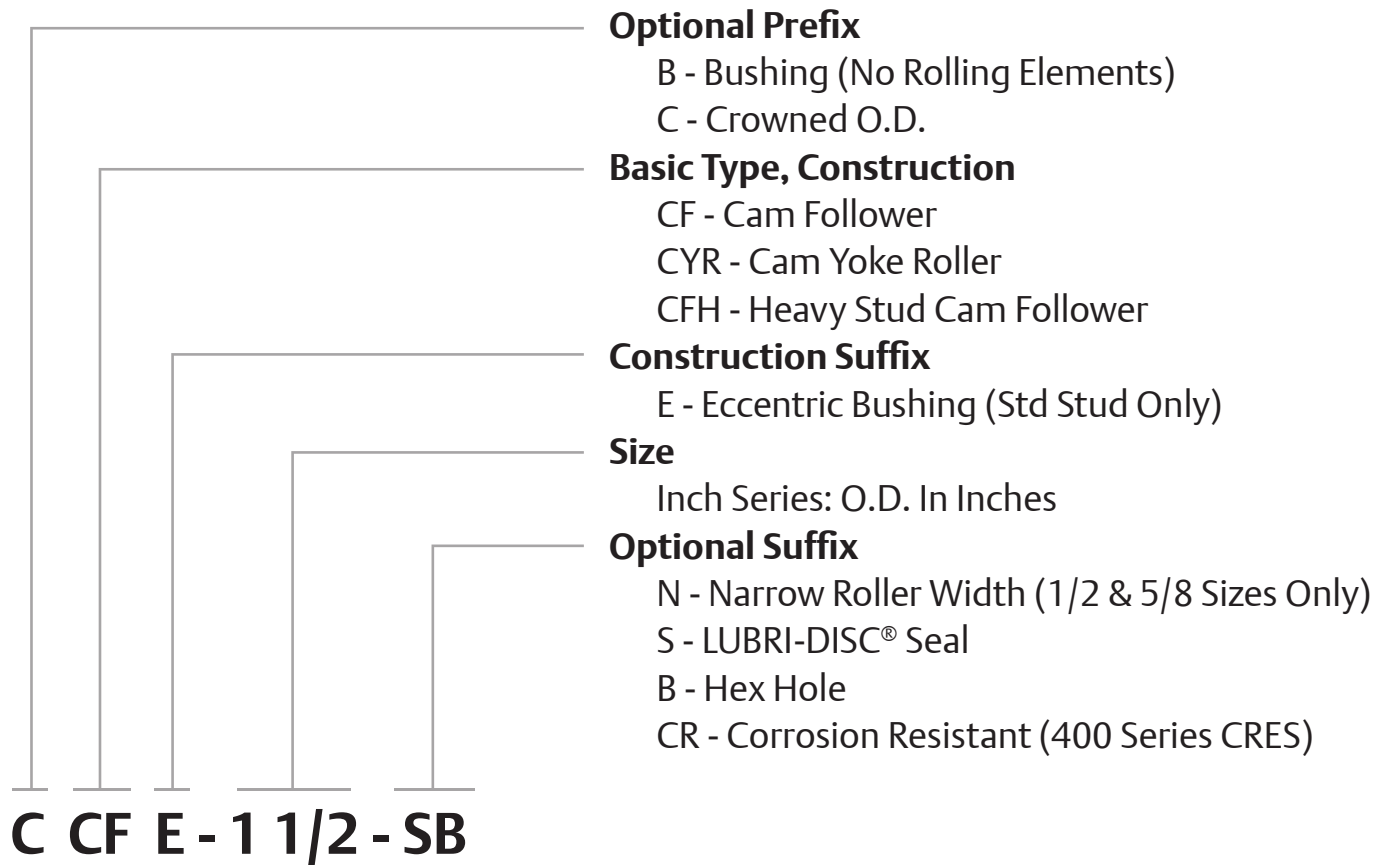
McGILL[®] Inch Cam Follower Bearings

McGill Inch Cam Followers

McGill CAMROL bearings are full complement needle bearings feature black oxide treated bearing steel, available in two basic mounting styles for use in mechanical automation or linear motion applications. Our basic features each contribute to improved performance, while the LUBRI-DISC[®] seal option helps prevent metal to metal contact within the bearing while providing a barrier for contaminant entry and allow venting of excess or old grease during relubrication. In addition to the seal option these bearings are available with several dimensional choices and combinations to provide a specific solution for the application. Within the following section you can learn more about these features and how they can be applied to your application.

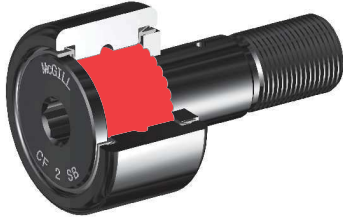


Cam Follower Inch Nomenclature



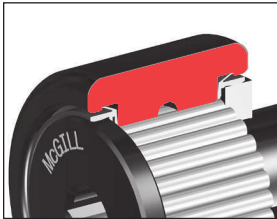
MCGILL® *Inch Cam Follower Bearings*

Features and Benefits



Single Row Full Complement Needle Rollers

The needle roller diameter, length, and number have been optimized to provide a high dynamic and static load rating, contained within industry standard bearing envelope dimensions.



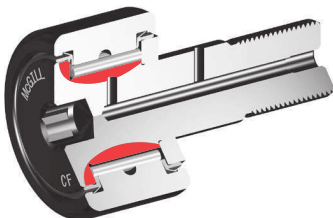
Heavy Section Outer

The heavy section outer helps support radial loading and provide proper rolling element support.



Cylindrical Outside Diameter (OD)

The cylindrical OD can improve performance in certain applications such as improved track capacity by maximizing the contact area with the track.

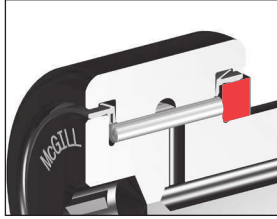


Zone Hardened Raceways

Heat treatment used to precisely harden working surfaces of the raceway and flange. The hardened surfaces provide support for the rolling element contact stresses, while keeping the core of the inner ductile to help absorb shock loads.



Features and Benefits continued

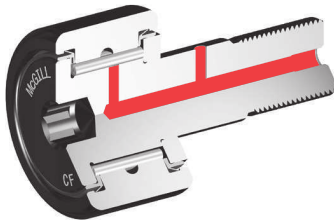


Hardened Endplate

Similar to the flange, the endplate must provide a seal surface for the LUBRI-DISC seal and resist wear from incidental contact with the outer or rollers. The hardened and ground endplate provides a sealing surface with LUBRI-DISC® seal option.

Factory Grease Fill

The cam follower and cam yoke roller bearings are factory lubricated with a medium temperature grease. Contact Application Engineering when application conditions require special lubricants.



Lubrication Holes

Depending on mounting option, McGill stud type CAMROL bearings may include a lubrication hole to accept a standard drive fitting or an included oil hole plug. The oil hole plug is recommended for closing unused holes to help protect against bearing contamination or lubrication loss.



Yoke Roller Lubrication Hole with Annular groove

McGill CAMROL Yoke roller bearings include a lubrication hole to provide a passage for lubrication to the rolling elements from the yoke roller bore. The customer supplied shaft must provide axial lubrication path to supply bearing. An annular groove in the inner ring bore helps direct lubricant to the hole, making alignment of the shaft and the inner ring holes less critical.



Oil Hole Plug (s)

All McGill stud type Cam followers include 1-2 (depending on # of holes) oil hole plugs to help provide proper lubrication path to the rolling elements and prevent contamination from entering the bearing through an unused oil hole.

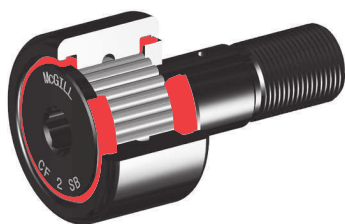
McGILL[®] Inch Cam Follower Bearings

Options



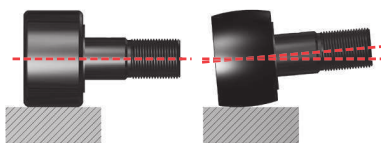
Black Oxide Finish

Bearings have a black oxide finish on all external surfaces.



LUBRI-DISC[®] Seal

The CAMROL standard for seals, the LUBRI-DISC seal helps keep contaminants out and lubrication in the bearing, with an integral back plate to separate the metal to metal contact between the outer ring and endplate(s) or flange. The back plate feature reduces friction resulting in lower operating temperatures which can extend grease life and allowing for higher operating speeds. The seal also includes vents to help prevent seal blowout during relubrication, while the outer raceway is machined with a reservoir for additional lubricant capacity. The LUBRI-DISC seal option has a good balance of sealing, lubricant capacity, and low drag operation essential to a precision cam follower suited for most industrial applications.



Crowned Outside Diameter (OD)

A crown on the OD of a cam follower bearing can increase bearing life versus a standard cylindrical cam follower. The crown achieves this performance by helping to distribute the stress on the outer ring and rolling elements resulting from misalignment due to mounting inaccuracy or stud deflection. The crown also helps reduce outer skidding in turntable or rotary applications. Not all applications may see the benefit of a crowned OD, consult Application Engineering for guidance for your application.



Heavy Stud Diameter

The increase stem diameter of heavy stud cam followers increases static load capacity of the bearing due to the larger stud diameter. The increase in diameter reduces the amount of deflection that can occur when cam followers are radial loaded. The resultant increase allows a maximum recommended loading of 50% BDR.

* On Heavy-Stud Type Bearings, CFH inch series only

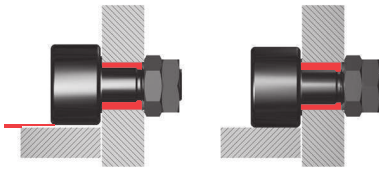


Options continued



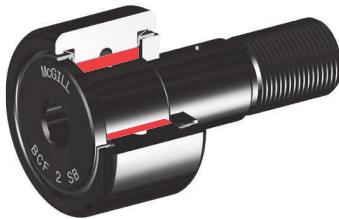
Hex Hole (Broached)

The hex hole can aid in the installation and removal of stud type cam followers by increasing the holding power over a standard screw driver slot. The hex feature is identified with a "B" since it is produced using a broach process. Bearing relubrication from flange end must be considered for sizes under 3".



Eccentric Stud

Eccentric stud option provides a means of adjusting the radial position of the bearing which can improve the load sharing of inline bearing combinations. Cam follower load sharing helps reduce operation costs by reducing premature failures due to overloaded bearings, the need of precise mounting hole location tolerances and providing ability to realign bearing due to track wear. Eccentric bushing is press fit on stud and unhardened to permit dowel or setscrew for permanent locking.



Bushing Type

Non-Metallic bushing provides load support with a sliding motion that reduces the need for bearing lubrication for non-food applications where relubrication is not convenient or grease contamination in the process is not acceptable. Max allowable continuous operating temperature up to 200°F. Bushing CAMROL bearings are intended to be used in the self lubricated mode. However, continuous feed oil lubrication can be used to provide reduced wear rates. Grease lubrication should not be used.



Corrosion Resistance

McGill CAMROL Cam Followers are available in 400 series corrosion resistant components for improved resistance to both external and internal corrosion. CRES CAMROL bearings are dimensionally interchangeable with standard CAMROL® bearings and easily identifiable with "CR" designation. Please see page K-3 for more information and availability.

McGILL® Inch Cam Follower Bearings

Additional Options



BHT

Hex hole at threaded end of cam follower stud.



THT

Threaded axial lubrication hole at threaded end of cam follower stud.



THF

Threaded axial lubrication hole at flanged end of cam follower stud. Available with all screw driver slot cam followers or broached cam followers over 3".



THB

Threaded axial oil hole on both ends of cam follower stud. Available with all screw driver slot cam followers or broached cam followers over 3".



ALG

Annular lubrication groove at cam follower stud radial lubrication hole.

Custom Capabilities

- *Customer specified factory grease fill*
- *Grease fitting installed*
- *Stud or thread length modifications*
- *Roller diameter variations or tolerances*
- *Cam followers grouped or matched diameter tolerance / run out sets*
- *Custom engineered to order designs*

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

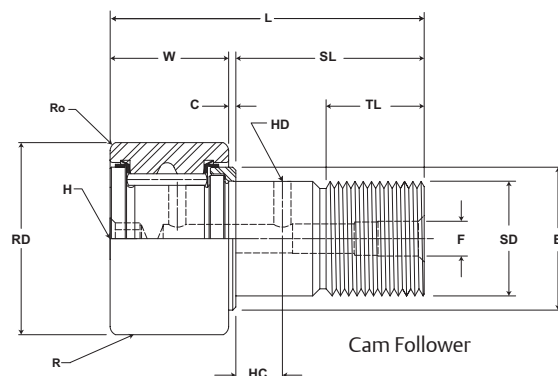
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/-0.010	±.001	lb/N	
CF 1/2	CF 1/2 S											Cylindrical				680 3,025	790 3,514
CF 1/2 B	CF 1/2 SB	.500	+0/-0.001	.375	+0 / -.005	.190	+0.001/-0	.63	.031	.25	1.03		N/A	N/A	N/A		
CCF 1/2	CCF 1/2 S	12.70	+0/-0.03	9.53	+0 / -.13	4.83	+0.03/-0	15.9	.8	6.4	26.2	7 178					
CCF 1/2 B	CCF 1/2 SB																
CFE 1/2	CFE 1/2 S											Cylindrical				680 3,025	790 3,514
CFE 1/2 B	CFE 1/2 SB	.500	+0/-0.001	.375	+0 / -.005	.190	+0.001/-0	.63	.031	.25	1.03		.010	.375	.250		
CCFE 1/2	CCFE 1/2 S	12.70	+0/-0.03	9.53	+0 / -.13	4.83	+0.03/-0	15.9	.8	6.4	26.2	7 178	.25	9.53	6.35		
CCFE 1/2 B	CCFE 1/2 SB																
CFH 1/2	CFH 1/2 S											Cylindrical				680 3,025	1,580 7,028
CFH 1/2 B	CFH 1/2 SB	.500	+0/-0.001	.375	+0 / -.005	.190	+0.001/-0	.63	.031	.25	1.03		N/A	N/A	N/A		
CCFH 1/2	CCFH 1/2 S	12.70	+0/-0.03	9.53	+0 / -.13	4.83	+0.03/-0	15.9	.8	6.4	26.2	7 178					
CCFH 1/2 B	CCFH 1/2 SB																
CF 1/2 N	CF 1/2 N S											Cylindrical				620 2,758	720 3,203
CF 1/2 N B	CF 1/2 N SB	.500	+0/-0.001	.344	+0 / -.005	.190	+0.001/-0	.50	.031	.25	.88		N/A	N/A	N/A		
CCF 1/2 N	CCF 1/2 N S	12.70	+0/-0.03	8.74	+0 / -.13	4.83	+0.03/-0	12.7	.8	6.4	22.2	6 152					
CCF 1/2 N B	CCF 1/2 N SB																
CFE 1/2 N	CFE 1/2 N S											Cylindrical				620 2,758	720 3,203
CFE 1/2 N B	CFE 1/2 N SB	.500	+0/-0.001	.344	+0 / -.005	.190	+0.001/-0	.50	.031	.25	.88		.010	.250	.250		
CCFE 1/2 N	CCFE 1/2 N S	12.70	+0/-0.03	8.74	+0 / -.13	4.83	+0.03/-0	12.7	.8	6.4	22.2	6 152	.25	6.35	6.35		
CCFE 1/2 N B	CCFE 1/2 N SB																
CF 9/16	CF 9/16 S											Cylindrical				680 3,025	790 3,514
CF 9/16 B	CF 9/16 SB	.5625	+0/-0.001	.375	+0 / -.005	.190	+0.001/-0	.63	.031	.25	1.03		N/A	N/A	N/A		
CCF 9/16	CCF 9/16 S	14.29	+0/-0.03	9.53	+0 / -.13	4.83	+0.03/-0	15.9	.8	6.4	26.2	7 178					
CCF 9/16 B	CCF 9/16 SB																
CFE 9/16	CFE 9/16 S											Cylindrical				680 3,025	790 3,514
CFE 9/16 B	CFE 9/16 SB	.5625	+0/-0.001	.375	+0 / -.005	.190	+0.001/-0	.63	.031	.25	1.03		.010	.375	.250		
CCFE 9/16	CCFE 9/16 S	14.29	+0/-0.03	9.53	+0 / -.13	4.83	+0.03/-0	15.9	.8	6.4	26.2	7 178	.25	9.53	6.35		
CCFE 9/16 B	CCFE 9/16 SB																
CFH 9/16	CFH 9/16 S											Cylindrical				680 3,025	1,580 7,028
CFH 9/16 B	CFH 9/16 SB	.5625	+0/-0.001	.375	+0 / -.005	.250	+0.001/-0	.63	.031	.25	1.03		N/A	N/A	N/A		
CCFH 9/16	CCFH 9/16 S	14.29	+0/-0.03	9.53	+0 / -.13	6.35	+0.03/-0	15.9	.8	6.4	26.2	7 178					
CCFH 9/16 B	CCFH 9/16 SB																

Metric dimensions for reference only.

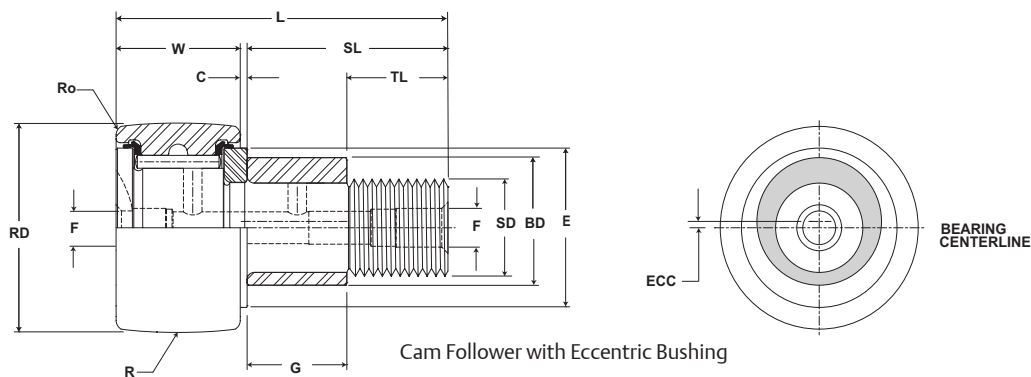
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT	
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight	
							inch mm						inch mm
							(Ref)	(Ref)		(Ref)	(Ref)		(Ref)
CF 1/2	CF 1/2 S	-	-	.125 3.175	.410 10.41	.016 .40	.1903 4.834	+.0002/- .0003 +.0005/- .0008	10-32	15 2	11,500	.04 .02	
CF 1/2 B	CF 1/2 SB					N/A							
CCF 1/2	CCF 1/2 S												
CCF 1/2 B	CCF 1/2 SB												
CFE 1/2	CFE 1/2 S	-	-	.125 3.175	.410 10.41	.016 .40	.253 6.42	+.001/- .001 +.025/- .025	10-32	15 2	11,500	.04 .02	
CFE 1/2 B	CFE 1/2 SB					N/A							
CCFE 1/2	CCFE 1/2 S												
CCFE 1/2 B	CCFE 1/2 SB												
CFH 1/2	CFH 1/2 S	-	-	.125 3.175	.410 10.41	.016 .40	.2503 6.358	+.0002/- .0003 +.0005/- .0008	1/4-28	35 4	11,500	.04 .02	
CFH 1/2 B	CFH 1/2 SB					N/A							
CCFH 1/2	CCFH 1/2 S												
CCFH 1/2 B	CCFH 1/2 SB												
CF 1/2 N	CF 1/2 N S	-	-	.125 3.175	.410 10.41	.016 .40	.1903 4.834	+.0002/- .0003 +.0005/- .0008	10-32	15 2	11,500	.04 .02	
CF 1/2 N B	CF 1/2 N SB					N/A							
CCF 1/2 N	CCF 1/2 N S												
CCF 1/2 N B	CCF 1/2 N SB												
CFE 1/2 N	CFE 1/2 N S	-	-	.125 3.175	.410 10.41	.016 .40	.253 6.42	+.001/- .001 +.025/- .025	10-32	15 2	11,500	.04 .02	
CFE 1/2 N B	CFE 1/2 N SB					N/A							
CCFE 1/2 N	CCFE 1/2 N S												
CCFE 1/2 N B	CCFE 1/2 N SB												
CF 9/16	CF 9/16 S	-	-	.125 3.175	.410 10.41	.016 .40	.1903 4.834	+.0002/- .0003 +.0005/- .0008	10-32	15 2	10,000	.04 .02	
CF 9/16 B	CF 9/16 SB					N/A							
CCF 9/16	CCF 9/16 S												
CCF 9/16 B	CCF 9/16 SB												
CFE 9/16	CFE 9/16 S	-	-	.125 3.175	.410 10.41	.016 .40	.253 6.42	+.001/- .001 +.025/- .025	10-32	15 2	10,000	.04 .02	
CFE 9/16 B	CFE 9/16 SB					N/A							
CCFE 9/16	CCFE 9/16 S												
CCFE 9/16 B	CCFE 9/16 SB												
CFH 9/16	CFH 9/16 S	-	-	.125 3.175	.410 10.41	.016 .40	.2503 6.358	+.0002/- .0003 +.0005/- .0008	1/4-28	35 4	10,000	.04 .02	
CFH 9/16 B	CFH 9/16 SB					N/A							
CCFH 9/16	CCFH 9/16 S												
CCFH 9/16 B	CCFH 9/16 SB												

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

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Nomenclature Aid
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Product Options
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Technical Engineering
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McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

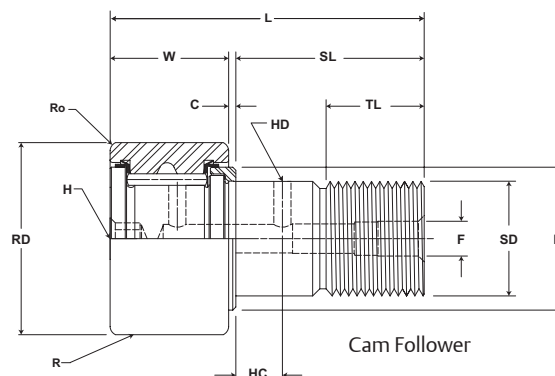
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/-.010	±.001	lb/N	
CF 5/8	CF 5/8 S											Cylindrical				955 4,248	1,215 5,404
CF 5/8 B	CF 5/8 SB	.625	+0/-.001	.438	+0 / -.005	.250	+ .001/-0	.75	.031	.31	1.22		N/A	N/A	N/A		
CCF 5/8	CCF 5/8 S	15.88	+0/-.03	11.11	+0 / -.13	6.35	+ .03/-0	19.1	.8	7.9	31.0	8					
CCF 5/8 B	CCF 5/8 SB											203					
CFE 5/8	CFE 5/8 S											Cylindrical				955 4,248	1,215 5,404
CFE 5/8 B	CFE 5/8 SB	.625	+0/-.001	.438	+0 / -.005	.250	+ .001/-0	.75	.031	.31	1.22		.015	.437	.375		
CCFE 5/8	CCFE 5/8 S	15.88	+0/-.03	11.11	+0 / -.13	6.35	+ .03/-0	19.1	.8	7.9	31.0	8	.38	11.10	9.53		
CCFE 5/8 B	CCFE 5/8 SB											203					
CFH 5/8	CFH 5/8 S											Cylindrical				955 4,248	2,480 11,031
CFH 5/8 B	CFH 5/8 SB	.625	+0/-.001	.438	+0 / -.005	.3125	+ .001/-0	.75	.031	.31	1.22		N/A	N/A	N/A		
CCFH 5/8	CCFH 5/8 S	15.88	+0/-.03	11.11	+0 / -.13	7.94	+ .03/-0	19.1	.8	7.9	31.0	8					
CCFH 5/8 B	CCFH 5/8 SB											203					
CF 5/8 N	CF 5/8 N S											Cylindrical				930 4,137	1,085 4,826
CF 5/8 N B	CF 5/8 N SB	.625	+0/-.001	.406	+0 / -.005	.250	+ .001/-0	.63	.031	.31	1.06		N/A	N/A	N/A		
CCF 5/8 N	CCF 5/8 N S	15.88	+0/-.03	10.31	+0 / -.13	6.35	+ .03/-0	15.9	.8	7.9	27.0	7					
CCF 5/8 N B	CCF 5/8 N SB											178	.015	.437	.375		
CCFE 5/8 N	CCFE 5/8 N SB												.38	11.10	9.53		
CF 11/16	CF 11/16 S											Cylindrical				955 4,248	1,215 5,404
CF 11/16 B	CF 11/16 SB	.688	+0/-.001	.438	+0 / -.005	.250	+ .001/-0	.75	.031	.31	1.22		N/A	N/A	N/A		
CCF 11/16	CCF 11/16 S	17.46	+0/-.03	11.11	+0 / -.13	6.35	+ .03/-0	19.1	.8	7.9	31.0	8					
CCF 11/16 B	CCF 11/16 SB											203					
CFE 11/16	CFE 11/16 S											Cylindrical				955 4,248	1,215 5,404
CFE 11/16 B	CFE 11/16 SB	.688	+0/-.001	.438	+0 / -.005	.250	+ .001/-0	.75	.031	.31	1.22		.015	.437	.375		
CCFE 11/16	CCFE 11/16 S	17.46	+0/-.03	11.11	+0 / -.13	6.35	+ .03/-0	19.1	.8	7.9	31.0	8	.38	11.10	9.53		
CCFE 11/16 B	CCFE 11/16 SB											203					
CFH 11/16	CFH 11/16 S											Cylindrical				955 4,248	2,480 11,031
CFH 11/16 B	CFH 11/16 SB	.688	+0/-.001	.438	+0 / -.005	.3125	+ .001/-0	.75	.031	.31	1.22		N/A	N/A	N/A		
CCFH 11/16	CCFH 11/16 S	17.46	+0/-.03	11.11	+0 / -.13	7.94	+ .03/-0	19.1	.8	7.9	31.0	8					
CCFH 11/16 B	CCFH 11/16 SB											203					

Metric dimensions for reference only.

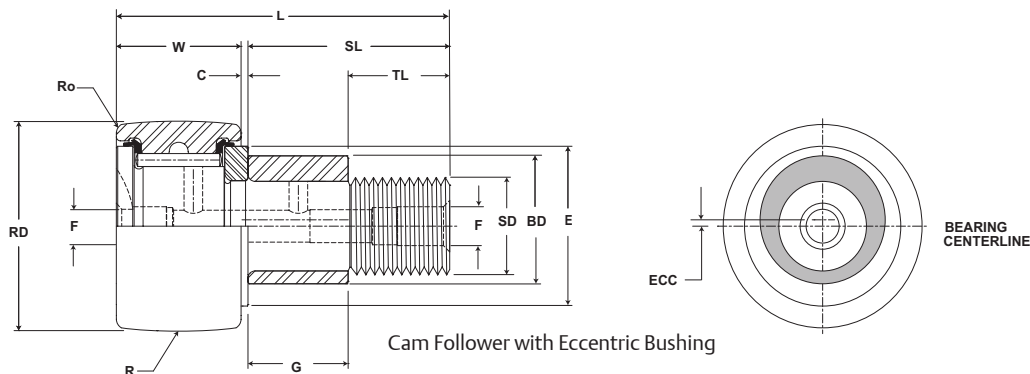
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFE

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight
		inch mm			inch mm		inch mm					lb kg
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.				
CF 5/8	CF 5/8 S	-	-	.125 3.175	.462 11.73	.016 .40	.2503 6.358	+.0002/- .0003 +.0005/- .0008	1/4-28	35 4	9,200	.05 .02
CF 5/8 B	CF 5/8 SB											
CCF 5/8	CCF 5/8 S					N/A						
CCF 5/8 B	CCF 5/8 SB											
CFE 5/8	CFE 5/8 S	-	-	.125 3.175		.016 .40	.378 9.60	+.001/- .001 +.025/- .025				
CFE 5/8 B	CFE 5/8 SB											
CCFE 5/8	CCFE 5/8 S					N/A						
CCFE 5/8 B	CCFE 5/8 SB											
CFH 5/8	CFH 5/8 S	-	-	.125 3.175	.462 11.73	.016 .40	.3128 7.945	+.0002/- .0003 +.0005/- .0008	5/16-24	90 10	9,200	.05 .02
CFH 5/8 B	CFH 5/8 SB											
CCFH 5/8	CCFH 5/8 S					N/A						
CCFH 5/8 B	CCFH 5/8 SB											
CF 5/8 N	CF 5/8 N S	-	-	.125 3.175	.462 11.73	.016 .40	.2503 6.358	+.0002/- .0003 +.0005/- .0008	1/4-28	35 4	9,200	.05 .02
CF 5/8 N B	CF 5/8 N SB											
CCF 5/8 N	CCF 5/8 N S					N/A						
CCF 5/8 N B	CCF 5/8 N SB											
CCFE 5/8 N												
CF 11/16	CF 11/16 S	-	-	.125 3.175	.462 11.73	.016 .40	.2503 6.358	+.0002/- .0003 +.0005/- .0008	1/4-28	35 4	8,300	.06 .03
CF 11/16 B	CF 11/16 SB											
CCF 11/16	CCF 11/16 S					N/A						
CCF 11/16 B	CCF 11/16 SB											
CFE 11/16	CFE 11/16 S	-	-	.125 3.175		.016 .40	.378 9.60	+.001/- .001 +.025/- .025				
CFE 11/16 B	CFE 11/16 SB											
CCFE 11/16	CCFE 11/16 S					N/A						
CCFE 11/16 B	CCFE 11/16 SB											
CFH 11/16	CFH 11/16 S	-	-	.125 3.175	.462 11.73	.016 .40	.3128 7.945	+.0002/- .0003 +.0005/- .0008	5/16-24	90 10	8,300	.06 .03
CFH 11/16 B	CFH 11/16 SB											
CCFH 11/16	CCFH 11/16 S					N/A						
CCFH 11/16 B	CCFH 11/16 SB											

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

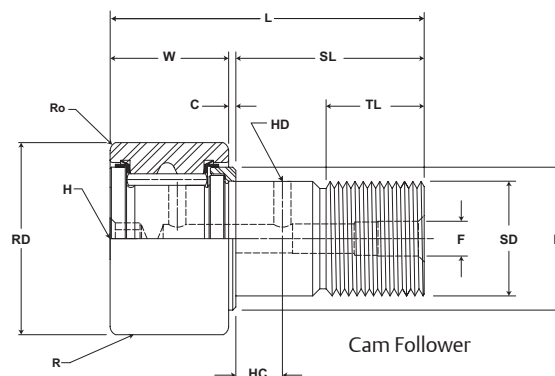
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N	
CF 3/4	CF 3/4 S											Cylindrical				1,660 7,384	2,065 9,185
CF 3/4 B	CF 3/4 SB	.750	+0/- .001	.500	+0 / -.005	.375	+ .001/-0	.88	.031	.38	1.41	10 254	N/A	N/A	N/A		
CCF 3/4	CCF 3/4 S	19.05	+0/- .03	12.70	+0 / -.13	9.53	+ .03/-0	22.2	.8	9.5	35.7						
CCF 3/4 B	CCF 3/4 SB																
CFE 3/4	CFE 3/4 S											Cylindrical				1,660 7,384	2,065 9,185
CFE 3/4 B	CFE 3/4 SB	.750	+0/- .001	.500	+0 / -.005	.375	+ .001/-0	.88	.031	.38	1.41	10 254	.015 .38	.500 12.70	.500 12.70		
CCFE 3/4	CCFE 3/4 S	19.05	+0/- .03	12.70	+0 / -.13	9.53	+ .03/-0	22.2	.8	9.5	35.7						
CCFE 3/4 B	CCFE 3/4 SB																
CFH 3/4	CFH 3/4 S											Cylindrical				1,660 7,384	4,130 18,370
CFH 3/4 B	CFH 3/4 SB	.750	+0/- .001	.500	+0 / -.005	.4375	+ .001/-0	.88	.031	.38	1.41	10 254	N/A	N/A	N/A		
CCFH 3/4	CCFH 3/4 S	19.05	+0/- .03	12.70	+0 / -.13	11.11	+ .03/-0	22.2	.8	9.5	35.7						
CCFH 3/4 B	CCFH 3/4 SB																
CF 7/8	CF 7/8 S											Cylindrical				1,660 7,384	2,065 9,185
CF 7/8 B	CF 7/8 SB	.875	+0/- .001	.500	+0 / -.005	.375	+ .001/-0	.88	.031	.38	1.41	10 254	N/A	N/A	N/A		
CCF 7/8	CCF 7/8 S	22.23	+0/- .03	12.70	+0 / -.13	9.53	+ .03/-0	22.2	.8	9.5	35.7						
CCF 7/8 B	CCF 7/8 SB																
CFE 7/8	CFE 7/8 S											Cylindrical				1,660 7,384	2,065 9,185
CFE 7/8 B	CFE 7/8 SB	.875	+0/- .001	.500	+0 / -.005	.375	+ .001/-0	.88	.031	.38	1.41	10 254	.015 .38	.500 12.70	.500 12.70		
CCFE 7/8	CCFE 7/8 S	22.23	+0/- .03	12.70	+0 / -.13	9.53	+ .03/-0	22.2	.8	9.5	35.7						
CCFE 7/8 B	CCFE 7/8 SB																
CFH 7/8	CFH 7/8 S											Cylindrical				1,660 7,384	4,130 18,370
CFH 7/8 B	CFH 7/8 SB	.875	+0/- .001	.500	+0 / -.005	.4375	+ .001/-0	.88	.031	.38	1.41	10 254	N/A	N/A	N/A		
CCFH 7/8	CCFH 7/8 S	22.23	+0/- .03	12.70	+0 / -.13	11.11	+ .03/-0	22.2	.8	9.5	35.7						
CCFH 7/8 B	CCFH 7/8 SB																

Metric dimensions for reference only.

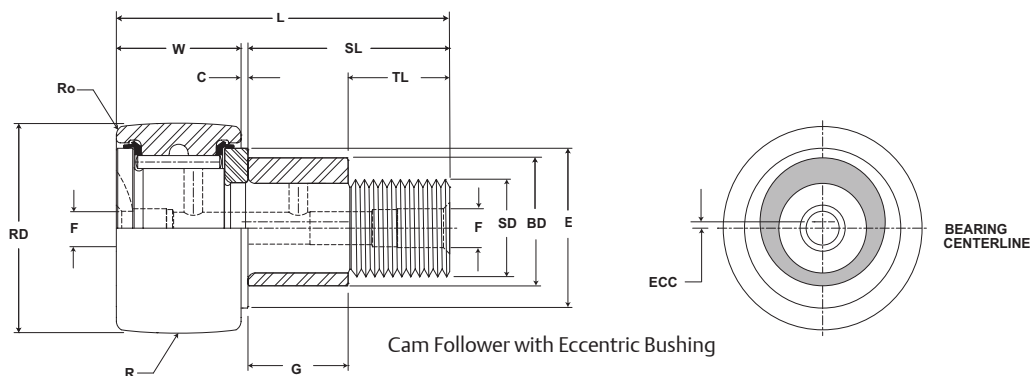
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT		
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					in-lb Nm	RPM	Bearing Weight
							inch mm							
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.		Tol.	lb kg			
CF 3/4	CF 3/4 S	.25 6	.0938 2	.1875 5	.609 15.48	.016 .40	.3753 9.533	+.0002/- .0003 +.0005/- .0008	3/8-24	95 11	6,400	.07 .03		
CF 3/4 B	CF 3/4 SB													
CCF 3/4	CCF 3/4 S					N/A								
CCF 3/4 B	CCF 3/4 SB													
CFE 3/4	CFE 3/4 S	.25 6	.0938 2	.1875 5		.016 .40	.503 12.77	+.001/- .001 +.025/- .025						
CFE 3/4 B	CFE 3/4 SB					N/A								
CCFE 3/4	CCFE 3/4 S					.503 12.77	+.001/- .001 +.025/- .025							
CCFE 3/4 B	CCFE 3/4 SB													
CFH 3/4	CFH 3/4 S	.25 6	.0938 2	.1875 5	.609 15.48	.016 .40	.4378 11.120	+.0002/- .0003 +.0005/- .0008	7/16-20	250 28	6,400	.08 .04		
CFH 3/4 B	CFH 3/4 SB					N/A								
CCFH 3/4	CCFH 3/4 S					.4378 11.120	+.0002/- .0003 +.0005/- .0008							
CCFH 3/4 B	CCFH 3/4 SB													
CF 7/8	CF 7/8 S	.25 6	.0938 2	.1875 5	.609 15.48	.016 .40	.3753 9.533	+.0002/- .0003 +.0005/- .0008	3/8-24	95 11	5,400	.09 .04		
CF 7/8 B	CF 7/8 SB					N/A								
CCF 7/8	CCF 7/8 S					.503 12.77	+.001/- .001 +.025/- .025							
CCF 7/8 B	CCF 7/8 SB													
CFE 7/8	CFE 7/8 S	.25 6	.0938 2	.1875 5		.016 .40	.503 12.77	+.001/- .001 +.025/- .025						
CFE 7/8 B	CFE 7/8 SB					N/A								
CCFE 7/8	CCFE 7/8 S					.503 12.77	+.001/- .001 +.025/- .025							
CCFE 7/8 B	CCFE 7/8 SB													
CFH 7/8	CFH 7/8 S	.25 6	.0938 2	.1875 5	.609 15.48	.016 .40	.4378 11.120	+.0002/- .0003 +.0005/- .0008	7/16-20	250 28	5,400	.11 .05		
CFH 7/8 B	CFH 7/8 SB					N/A								
CCFH 7/8	CCFH 7/8 S					.4378 11.120	+.0002/- .0003 +.0005/- .0008							
CCFH 7/8 B	CCFH 7/8 SB													

For positive clamping, use housing thickness equal to G dimension = .010".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

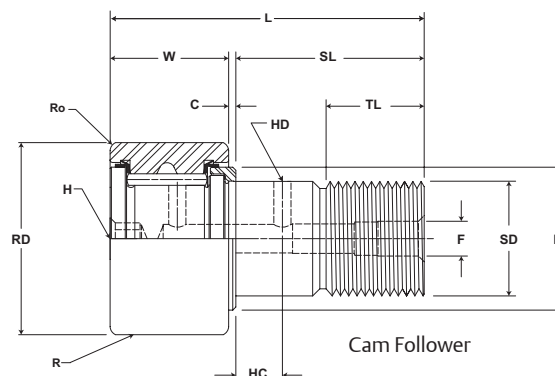
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N	
CF 1	CF 1 S											Cylindrical				2,225 9,897	3,060 13,611
CF 1 B	CF 1 SB	1.000	+0/- .001	.625	+0 / -.005	.4375	+.001/-0	1.00	.031	.50	1.66		N/A	N/A	N/A		
CCF 1	CCF 1 S	25.40	+0/- .03	15.88	+0 / -.13	11.11	+.03/-0	25.4	.8	12.7	42.1	12 305					
CCF 1 B	CCF 1 SB																
CFE 1	CFE 1 S											Cylindrical				2,225 9,897	3,060 13,611
CFE 1 B	CFE 1 SB	1.000	+0/- .001	.625	+0 / -.005	.4375	+.001/-0	1.00	.031	.50	1.66		.030	.500	.625		
CCFE 1	CCFE 1 S	25.40	+0/- .03	15.88	+0 / -.13	11.11	+.03/-0	25.4	.8	12.7	42.1	12 305	.76	12.70	15.88		
CCFE 1 B	CCFE 1 SB																
CFH 1	CFH 1 S											Cylindrical				2,225 9,897	6,120 27,222
CFH 1 B	CFH 1 SB	1.000	+0/- .001	.625	+0 / -.005	.625	+.001/-0	1.00	.031	.50	1.66		N/A	N/A	N/A		
CCFH 1	CCFH 1 S	25.40	+0/- .03	15.88	+0 / -.13	15.88	+.03/-0	25.4	.8	12.7	42.1	12 305					
CCFH 1 B	CCFH 1 SB																
CF 1 1/8	CF 1 1/8 S											Cylindrical				2,225 9,897	3,060 13,611
CF 1 1/8 B	CF 1 1/8 SB	1.125	+0/- .001	.625	+0 / -.005	.4375	+.001/-0	1.00	.031	.50	.031		N/A	N/A	N/A		
CCF 1 1/8	CCF 1 1/8 S	28.58	+0/- .03	15.88	+0 / -.13	11.11	+.03/-0	25.4	.8	12.7	.8	12 305					
CCF 1 1/8 B	CCF 1 1/8 SB																
CFE 1 1/8	CFE 1 1/8 S											Cylindrical				2,225 9,897	3,060 13,611
CFE 1 1/8 B	CFE 1 1/8 SB	1.125	+0/- .001	.625	+0 / -.005	.4375	+.001/-0	1.00	.031	.50	1.66		.030	.500	.625		
CCFE 1 1/8	CCFE 1 1/8 S	28.58	+0/- .03	15.88	+0 / -.13	11.11	+.03/-0	25.4	.8	12.7	42.1	12 305	.76	12.70	15.88		
CCFE 1 1/8 B	CCFE 1 1/8 SB																
CFH 1 1/8	CFH 1 1/8 S											Cylindrical				2,225 9,897	6,120 27,222
CFH 1 1/8 B	CFH 1 1/8 SB	1.125	+0/- .001	.625	+0 / -.005	.625	+.001/-0	1.00	.031	.50	1.66		N/A	N/A	N/A		
CCFH 1 1/8	CCFH 1 1/8 S	28.58	+0/- .03	15.88	+0 / -.13	15.88	+.03/-0	25.4	.8	12.7	42.1	12 305					
CCFH 1 1/8 B	CCFH 1 1/8 SB																

Metric dimensions for reference only.

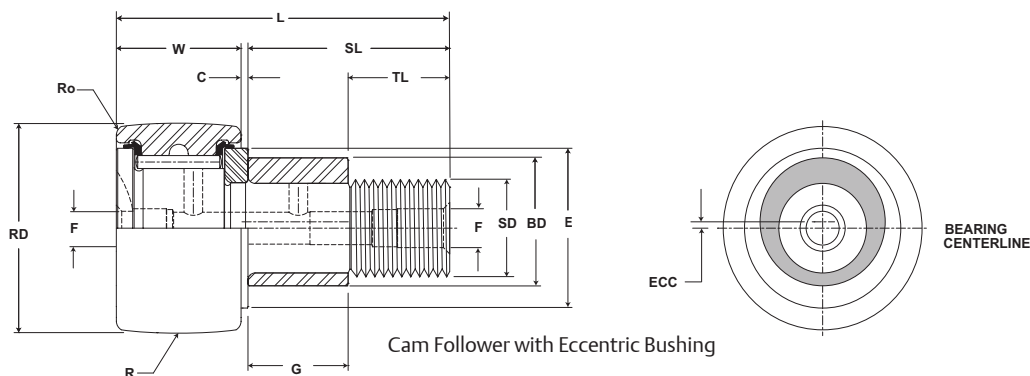
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

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Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT						
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					in-lb Nm	RPM	Bearing Weight				
							inch mm			inch mm								
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.		Tol.	lb kg							
CF 1	CF 1 S	.25 6	.0938 2	.1875 5	.781 19.84	.031 .79	.4378 11.120	+.0002/- .0003 +.0005/- .0008	7/16-20	250 28	4,800	.17 .08						
CF 1 B	CF 1 SB					N/A												
CCF 1	CCF 1 S					.031 .79												
CCF 1 B	CCF 1 SB						.628 15.95	+.001/- .001 +.025/- .025										
CFE 1	CFE 1 S	.25 6	.0938 2	.1875 5		.781 19.84							.031 .79	.6253 15.883	+.0002/- .0003 +.0005/- .0008	5/8-18	650 73	4,800
CFE 1 B	CFE 1 SB						N/A											
CCFE 1	CCFE 1 S						.031 .79											
CCFE 1 B	CCFE 1 SB							.628 15.95										
CFH 1	CFH 1 S	.25 6	.0938 2	.1875 5	.781 19.84	.031 .79	.4378 11.120		+.0002/- .0003 +.0005/- .0008	7/16-20	250 28	3,400	.19 .09					
CFH 1 B	CFH 1 SB							N/A										
CCFH 1	CCFH 1 S					.031 .79												
CCFH 1 B	CCFH 1 SB						.628 15.95	+.001/- .001 +.025/- .025										
CF 1 1/8	CF 1 1/8 S	.25 6	.0938 2	.1875 5		.781 19.84			.031 .79					.4378 11.120	+.0002/- .0003 +.0005/- .0008	5/8-18	650 73	3,400
CF 1 1/8 B	CF 1 1/8 SB						N/A											
CCF 1 1/8	CCF 1 1/8 S						.031 .79											
CCF 1 1/8 B	CCF 1 1/8 SB							.628 15.95	+.001/- .001 +.025/- .025									
CFE 1 1/8	CFE 1 1/8 S	.25 6	.0938 2	.1875 5	.781 19.84		.031 .79			.6253 15.883	+.0002/- .0003 +.0005/- .0008	7/16-20	250 28	4,800	.17 .08			
CFE 1 1/8 B	CFE 1 1/8 SB							N/A										
CCFE 1 1/8	CCFE 1 1/8 S						.031 .79											
CCFE 1 1/8 B	CCFE 1 1/8 SB							.628 15.95	+.001/- .001 +.025/- .025									
CFH 1 1/8	CFH 1 1/8 S	.25 6	.0938 2	.1875 5		.781 19.84	.031 .79			.4378 11.120	+.0002/- .0003 +.0005/- .0008					5/8-18	650 73	3,400
CFH 1 1/8 B	CFH 1 1/8 SB							N/A										
CCFH 1 1/8	CCFH 1 1/8 S						.031 .79											
CCFH 1 1/8 B	CCFH 1 1/8 SB							.628 15.95	+.001/- .001 +.025/- .025									

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

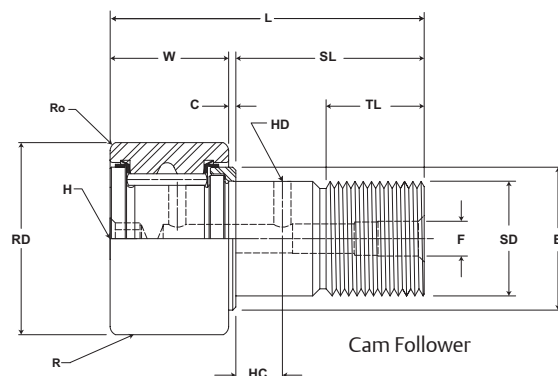
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating		
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric						
		Prefix CCF-XX		Base Modifier CFE-XX															
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm							
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N			
CF 1 1/4	CF 1 1/4 S	1.250 31.75	+0/- .001 +0/- .03	.750 19.05	+0 / -.005 +0 / -.13	.500 12.70	+.001/-0 +.03/-0	1.25 31.8	.031 .8	.63 15.9	2.03 51.6	Cylindrical	N/A	N/A	N/A	3,930 17,481	4,250 18,904		
CF 1 1/4 B	CF 1 1/4 SB																		
CCF 1 1/4	CCF 1 1/4 S											14							
CCF 1 1/4 B	CCF 1 1/4 SB											356							
CFE 1 1/4	CFE 1 1/4 S	1.250 31.75	+0/- .001 +0/- .03	.750 19.05	+0 / -.005 +0 / -.13	.500 12.70	+.001/-0 +.03/-0	1.25 31.8	.031 .8	.63 15.9	2.03 51.6	Cylindrical	.030 .76	.625 15.88	.687 17.45			3,930 17,481	4,250 18,904
CFE 1 1/4 B	CFE 1 1/4 SB																		
CCFE 1 1/4	CCFE 1 1/4 S											14							
CCFE 1 1/4 B	CCFE 1 1/4 SB											356							
CFH 1 1/4	CFH 1 1/4 S	1.250 31.75	+0/- .001 +0/- .03	.750 19.05	+0 / -.005 +0 / -.13	.750 19.05	+.001/-0 +.03/-0	1.25 31.8	.031 .8	.63 15.9	2.03 51.6	Cylindrical	N/A	N/A	N/A	3,930 17,481	8,500 37,808		
CFH 1 1/4 B	CFH 1 1/4 SB																		
CCFH 1 1/4	CCFH 1 1/4 S											14							
CCFH 1 1/4 B	CCFH 1 1/4 SB											356							
CF 1 3/8	CF 1 3/8 S	1.375 34.93	+0/- .001 +0/- .03	.750 19.05	+0 / -.005 +0 / -.13	.500 12.70	+.001/-0 +.03/-0	1.25 31.8	.031 .8	.63 15.9	2.03 51.6	Cylindrical	N/A	N/A	N/A	3,930 17,481	4,250 18,904		
CF 1 3/8 B	CF 1 3/8 SB																		
CCF 1 3/8	CCF 1 3/8 S											14							
CCF 1 3/8 B	CCF 1 3/8 SB											356							
CFE 1 3/8	CFE 1 3/8 S	1.375 34.93	+0/- .001 +0/- .03	.750 19.05	+0 / -.005 +0 / -.13	.500 12.70	+.001/-0 +.03/-0	1.25 31.8	.031 .8	.63 15.9	2.03 51.6	Cylindrical	.030 .76	.625 15.88	.687 17.45			3,930 17,481	4,250 18,904
CFE 1 3/8 B	CFE 1 3/8 SB																		
CCFE 1 3/8	CCFE 1 3/8 S											14							
CCFE 1 3/8 B	CCFE 1 3/8 SB											356							
CFH 1 3/8	CFH 1 3/8 S	1.375 34.93	+0/- .001 +0/- .03	.750 19.05	+0 / -.005 +0 / -.13	.750 19.05	+.001/-0 +.03/-0	1.25 31.8	.031 .8	.63 15.9	2.03 51.6	Cylindrical	N/A	N/A	N/A	3,930 17,481	8,500 37,808		
CFH 1 3/8 B	CFH 1 3/8 SB																		
CCFH 1 3/8	CCFH 1 3/8 S											14							
CCFH 1 3/8 B	CCFH 1 3/8 SB											356							

Metric dimensions for reference only.

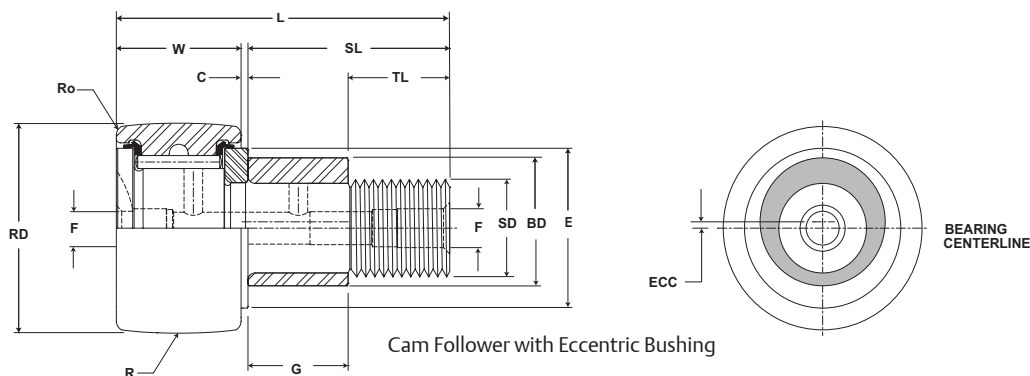
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT					
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight					
							inch mm										
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.		in-lb Nm	RPM	lb kg					
CF 1 1/4	CF 1 1/4 S	.3125 8	.0938 2	.1875 5	.984 25.00	.031 .79	.5003 12.708	+.0002/- .0003 +.0005/- .0008	1/2-20	350 40	3,100	.30 .14					
CF 1 1/4 B	CF 1 1/4 SB					N/A											
CCF 1 1/4	CCF 1 1/4 S					.031 .79	.690 17.52	+.001/- .001 +.025/- .025									
CCF 1 1/4 B	CCF 1 1/4 SB												N/A				
CFE 1 1/4	CFE 1 1/4 S	.3125 8	.0938 2	.1875 5		.984 25.00	.031 .79	.7503 19.058					+.0002/- .0003 +.0005/- .0008	3/4-16	1,250 141	3,100	.38 .17
CFE 1 1/4 B	CFE 1 1/4 SB						N/A										
CCFE 1 1/4	CCFE 1 1/4 S				.047 1.19		.690 17.52	+.001/- .001 +.025/- .025									
CCFE 1 1/4 B	CCFE 1 1/4 SB								N/A								
CFH 1 1/4	CFH 1 1/4 S	.3125 8	.0938 2	.1875 5	.984 25.00		.031 .79	.5003 12.708	+.0002/- .0003 +.0005/- .0008	1/2-20	350 40	2,800	.35 .16				
CFH 1 1/4 B	CFH 1 1/4 SB						N/A										
CCFH 1 1/4	CCFH 1 1/4 S					.047 1.19	.690 17.52	+.001/- .001 +.025/- .025									
CCFH 1 1/4 B	CCFH 1 1/4 SB								N/A								
CF 1 3/8	CF 1 3/8 S	.3125 8	.0938 2	.1875 5		.984 25.00	.047 1.19	.5003 12.708	+.0002/- .0003 +.0005/- .0008					3/4-16	1,250 141	2,800	.44 .19
CF 1 3/8 B	CF 1 3/8 SB						N/A										
CCF 1 3/8	CCF 1 3/8 S				.047 1.19		.690 17.52	+.001/- .001 +.025/- .025									
CCF 1 3/8 B	CCF 1 3/8 SB								N/A								
CFE 1 3/8	CFE 1 3/8 S	.3125 8	.0938 2	.1875 5	.984 25.00		.047 1.19	.7503 19.058	+.0002/- .0003 +.0005/- .0008	1/2-20	350 40	2,800	.35 .16				
CFE 1 3/8 B	CFE 1 3/8 SB						N/A										
CCFE 1 3/8	CCFE 1 3/8 S					.047 1.19	.690 17.52	+.001/- .001 +.025/- .025									
CCFE 1 3/8 B	CCFE 1 3/8 SB								N/A								
CFH 1 3/8	CFH 1 3/8 S	.3125 8	.0938 2	.1875 5		.984 25.00	.047 1.19	.7503 19.058	+.0002/- .0003 +.0005/- .0008					3/4-16	1,250 141	2,800	.44 .19
CFH 1 3/8 B	CFH 1 3/8 SB						N/A										
CCFH 1 3/8	CCFH 1 3/8 S				.047 1.19		.690 17.52	+.001/- .001 +.025/- .025									
CCFH 1 3/8 B	CCFH 1 3/8 SB								N/A								

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

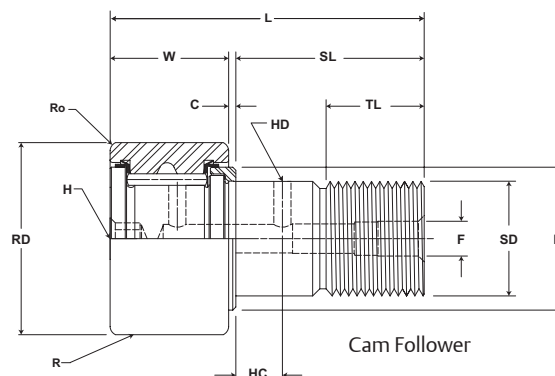
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating		
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric						
		Prefix CCF-XX		Base Modifier CFE-XX															
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm							
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N			
CF 1 1/2	CF 1 1/2 S	1.500 38.10	+0/- .001 +0/- .03	.875 22.23	+0 / -.005 +0 / -.13	.625 15.88	+.001/-0 +.03/-0	1.50 38.1	.031 .8	.75 19.1	2.41 61.1	Cylindrical	N/A	N/A	N/A	4,840 21,528	5,640 25,087		
CF 1 1/2 B	CF 1 1/2 SB																		
CCF 1 1/2	CCF 1 1/2 S											20 508							
CCF 1 1/2 B	CCF 1 1/2 SB																		
CFE 1 1/2	CFE 1 1/2 S	1.500 38.10	+0/- .001 +0/- .03	.875 22.23	+0 / -.005 +0 / -.13	.625 15.88	+.001/-0 +.03/-0	1.50 38.1	.031 .8	.75 19.1	2.41 61.1	Cylindrical	.030 .76	.750 19.05	.875 22.23			4,840 21,528	5,640 25,087
CFE 1 1/2 B	CFE 1 1/2 SB																		
CCFE 1 1/2	CCFE 1 1/2 S											20 508							
CCFE 1 1/2 B	CCFE 1 1/2 SB																		
CFH 1 1/2	CFH 1 1/2 S	1.500 38.10	+0/- .001 +0/- .03	.875 22.23	+0 / -.005 +0 / -.13	.875 22.23	+.001/-0 +.03/-0	1.50 38.1	.031 .8	.75 19.1	2.41 61.1	Cylindrical	N/A	N/A	N/A	4,840 21,528	11,280 50,173		
CFH 1 1/2 B	CFH 1 1/2 SB																		
CCFH 1 1/2	CCFH 1 1/2 S											20 508							
CCFH 1 1/2 B	CCFH 1 1/2 SB																		
CF 1 5/8	CF 1 5/8 S	1.625 41.28	+0/- .001 +0/- .03	.875 22.23	+0 / -.005 +0 / -.13	.625 15.88	+.001/-0 +.03/-0	1.50 38.1	.031 .8	.75 19.1	2.41 61.1	Cylindrical	N/A	N/A	N/A	4,840 21,528	5,640 25,087		
CF 1 5/8 B	CF 1 5/8 SB																		
CCF 1 5/8	CCF 1 5/8 S											20 508							
CCF 1 5/8 B	CCF 1 5/8 SB																		
CFE 1 5/8	CFE 1 5/8 S	1.625 41.28	+0/- .001 +0/- .03	.875 22.23	+0 / -.005 +0 / -.13	.625 15.88	+.001/-0 +.03/-0	1.50 38.1	.031 .8	.75 19.1	2.41 61.1	Cylindrical	.030 .76	.750 19.05	.875 22.23			4,840 21,528	5,640 25,087
CFE 1 5/8 B	CFE 1 5/8 SB																		
CCFE 1 5/8	CCFE 1 5/8 S											20 508							
CCFE 1 5/8 B	CCFE 1 5/8 SB																		
CFH 1 5/8	CFH 1 5/8 S	1.625 41.28	+0/- .001 +0/- .03	.875 22.23	+0 / -.005 +0 / -.13	.875 22.23	+.001/-0 +.03/-0	1.50 38.1	.031 .8	.75 19.1	2.41 61.1	Cylindrical	N/A	N/A	N/A	4,840 21,528	11,280 50,173		
CFH 1 5/8 B	CFH 1 5/8 SB																		
CCFH 1 5/8	CCFH 1 5/8 S											20 508							
CCFH 1 5/8 B	CCFH 1 5/8 SB																		

Metric dimensions for reference only.

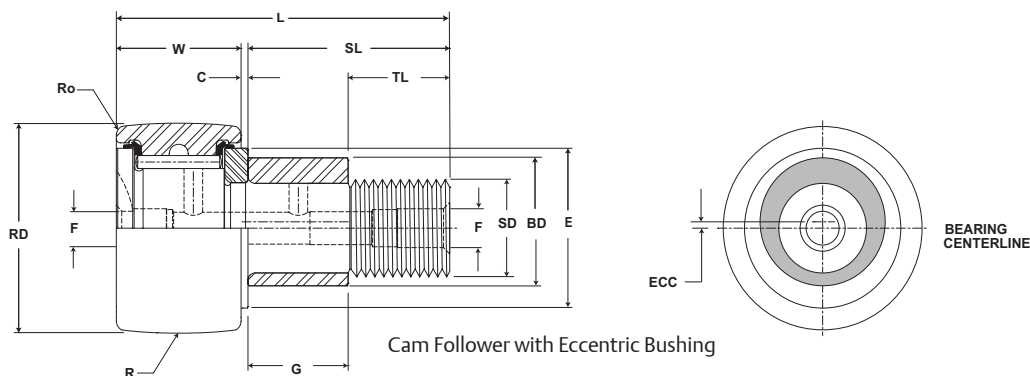
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

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Inch Cam Follower Bearings **MCGILL®**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight
		inch mm			inch mm		inch mm					lb kg
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.				
CF 1 1/2	CF 1 1/2 S	.375 10	.0938 2	.1875 5	1.094 27.78	.063 1.59	.6253 15.883	+.0002/- .0003 +.0005/- .0008	5/8-18	650 73	2,500	.53 .24
CF 1 1/2 B	CF 1 1/2 SB					N/A						
CCF 1 1/2	CCF 1 1/2 S					.063 1.59						
CCF 1 1/2 B	CCF 1 1/2 SB						.878 22.30	+.001/- .001 +.025/- .025				
CFE 1 1/2	CFE 1 1/2 S	.375 10	.0938 2	.1875 5		N/A						
CFE 1 1/2 B	CFE 1 1/2 SB											
CCFE 1 1/2	CCFE 1 1/2 S											
CCFE 1 1/2 B	CCFE 1 1/2 SB											
CFH 1 1/2	CFH 1 1/2 S	.375 10	.0938 2	.1875 5	1.094 27.78	.063 1.59	.8753 22.233	+.0002/- .0003 +.0005/- .0008	7/8-14	1,500 170	2,500	.69 .31
CFH 1 1/2 B	CFH 1 1/2 SB					N/A						
CCFH 1 1/2	CCFH 1 1/2 S											
CCFH 1 1/2 B	CCFH 1 1/2 SB											
CF 1 5/8	CF 1 5/8 S	.375 10	.0938 2	.1875 5	1.094 27.78	.063 1.59	.6253 15.883	+.0002/- .0003 +.0005/- .0008	5/8-18	650 73	2,350	.60 .27
CF 1 5/8 B	CF 1 5/8 SB					N/A						
CCF 1 5/8	CCF 1 5/8 S					.063 1.59						
CCF 1 5/8 B	CCF 1 5/8 SB						.878 22.30	+.001/- .001 +.025/- .025				
CFE 1 5/8	CFE 1 5/8 S	.375 10	.0938 2	.1875 5		N/A						
CFE 1 5/8 B	CFE 1 5/8 SB											
CCFE 1 5/8	CCFE 1 5/8 S											
CCFE 1 5/8 B	CCFE 1 5/8 SB											
CFH 1 5/8	CFH 1 5/8 S	.375 10	.0938 2	.1875 5	1.094 27.78	.063 1.59	.8753 22.233	+.0002/- .0003 +.0005/- .0008	7/8-14	1,500 170	2,350	.75 .34
CFH 1 5/8 B	CFH 1 5/8 SB					N/A						
CCFH 1 5/8	CCFH 1 5/8 S											
CCFH 1 5/8 B	CCFH 1 5/8 SB											

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

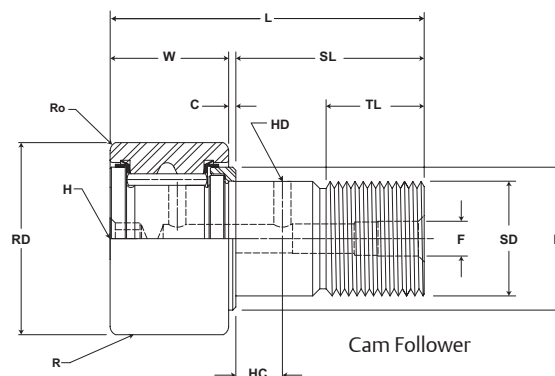
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N	
CF 1 3/4	CF 1 3/4 S	1.750 44.45	+0/- .001 +0/- .03	1.000 25.40	+0 / -.005 +0 / -.13	.750 19.05	+.001/-0 +.03/-0	1.75 44.5	.031 .8	.88 22.2	2.78 70.6	Cylindrical	N/A	N/A	N/A	6,385 28,400	7,920 35,228
CF 1 3/4 B	CF 1 3/4 SB																
CCF 1 3/4	CCF 1 3/4 S											20					
CCF 1 3/4 B	CCF 1 3/4 SB											508					
CFE 1 3/4	CFE 1 3/4 S	1.750 44.45	+0/- .001 +0/- .03	1.000 25.40	+0 / -.005 +0 / -.13	.750 19.05	+.001/-0 +.03/-0	1.75 44.5	.031 .8	.88 22.2	2.78 70.6	Cylindrical	.030 .76	.875 22.23	1.000 25.40	6,385 28,400	7,920 35,228
CFE 1 3/4 B	CFE 1 3/4 SB																
CCFE 1 3/4	CCFE 1 3/4 S											20					
CCFE 1 3/4 B	CCFE 1 3/4 SB											508					
CFH 1 3/4	CFH 1 3/4 S	1.750 44.45	+0/- .001 +0/- .03	1.000 25.40	+0 / -.005 +0 / -.13	1.000 25.40	+.001/-0 +.03/-0	1.75 44.5	.031 .8	.88 22.2	2.78 70.6	Cylindrical	N/A	N/A	N/A	6,385 28,400	15,840 70,456
CFH 1 3/4 B	CFH 1 3/4 SB																
CCFH 1 3/4	CCFH 1 3/4 S											20					
CCFH 1 3/4 B	CCFH 1 3/4 SB											508					
CF 1 7/8	CF 1 7/8 S	1.875 47.63	+0/- .001 +0/- .03	1.000 25.40	+0 / -.005 +0 / -.13	.750 19.05	+.001/-0 +.03/-0	1.75 44.5	.031 .8	.88 22.2	2.78 70.6	Cylindrical	N/A	N/A	N/A	6,385 28,400	7,920 35,228
CF 1 7/8 B	CF 1 7/8 SB																
CCF 1 7/8	CCF 1 7/8 S											20					
CCF 1 7/8 B	CCF 1 7/8 SB											508					
CFE 1 7/8	CFE 1 7/8 S	1.875 47.63	+0/- .001 +0/- .03	1.000 25.40	+0 / -.005 +0 / -.13	.750 19.05	+.001/-0 +.03/-0	1.75 44.5	.031 .8	.88 22.2	2.78 70.6	Cylindrical	.030 .76	.875 22.24	1.000 25.40	6,385 28,400	7,920 35,228
CFE 1 7/8 B	CFE 1 7/8 SB																
CCFE 1 7/8	CCFE 1 7/8 S											20					
CCFE 1 7/8 B	CCFE 1 7/8 SB											508					
CFH 1 7/8	CFH 1 7/8 S	1.875 47.63	+0/- .001 +0/- .03	1.000 25.40	+0 / -.005 +0 / -.13	1.000 25.40	+.001/-0 +.03/-0	1.75 44.5	.031 .8	.88 22.2	2.78 70.6	Cylindrical	N/A	N/A	N/A	6,385 28,400	15,840 70,456
CFH 1 7/8 B	CFH 1 7/8 SB																
CCFH 1 7/8	CCFH 1 7/8 S											20					
CCFH 1 7/8 B	CCFH 1 7/8 SB											508					

Metric dimensions for reference only.

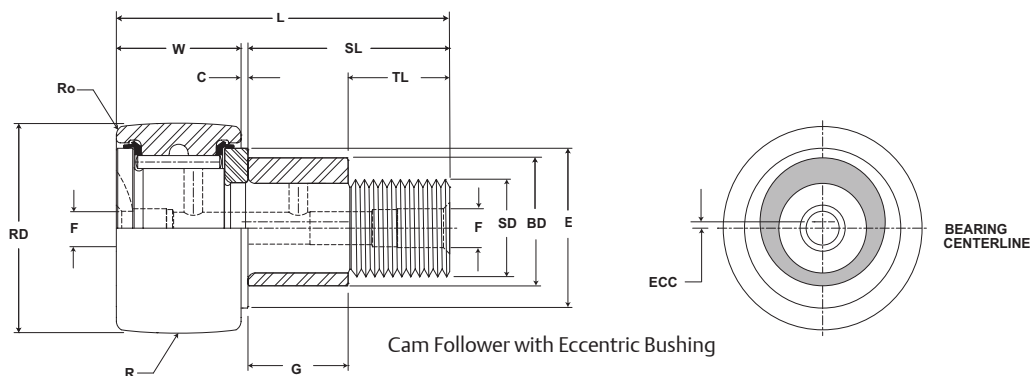
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

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Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight
		inch mm			inch mm		inch mm					lb kg
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.				
CF 1 3/4	CF 1 3/4 S	.4375 11	.125 3	.1875 5	1.250 31.75	.063 1.59	.7503 19.058	+.0002/- .0003 +.0005/- .0008	3/4-16	1,250 141	2,200	.84 .38
CF 1 3/4 B	CF 1 3/4 SB					N/A						
CCF 1 3/4	CCF 1 3/4 S					.063 1.59	1.003 25.47	+.001/- .001 +.025/- .025				
CCF 1 3/4 B	CCF 1 3/4 SB											
CFE 1 3/4	CFE 1 3/4 S	.4375 11	.125 3	.1875 5		.063 1.59	1.003 25.47	+.001/- .001 +.025/- .025				
CFE 1 3/4 B	CFE 1 3/4 SB											
CCFE 1 3/4	CCFE 1 3/4 S				N/A							
CCFE 1 3/4 B	CCFE 1 3/4 SB											
CFH 1 3/4	CFH 1 3/4 S	.4375 11	.125 3	.1875 5	1.250 31.75	.063 1.59	1.0003 25.408	+.0002/- .0003 +.0005/- .0008	1-14	2,250 254	2,200	1.00 .45
CFH 1 3/4 B	CFH 1 3/4 SB					N/A						
CCFH 1 3/4	CCFH 1 3/4 S					N/A						
CCFH 1 3/4 B	CCFH 1 3/4 SB											
CF 1 7/8	CF 1 7/8 S	.4375 11	.125 3	.1875 5	1.250 31.75	.063 1.59	.7503 19.058	+.0002/- .0003 +.0005/- .0008	3/4-16	1,250 141	2,000	.95 .43
CF 1 7/8 B	CF 1 7/8 SB					N/A						
CCF 1 7/8	CCF 1 7/8 S					.063 1.59	1.003 25.47	+.001/- .001 +.025/- .025				
CCF 1 7/8 B	CCF 1 7/8 SB											
CFE 1 7/8	CFE 1 7/8 S	.4375 11	.125 3	.1875 5		.063 1.59	1.003 25.47	+.001/- .001 +.025/- .025				
CFE 1 7/8 B	CFE 1 7/8 SB											
CCFE 1 7/8	CCFE 1 7/8 S				N/A							
CCFE 1 7/8 B	CCFE 1 7/8 SB											
CFH 1 7/8	CFH 1 7/8 S	.4375 11	.125 3	.1875 5	1.250 31.75	.063 1.59	1.0003 25.408	+.0002/- .0003 +.0005/- .0008	1-14	2,250 254	2,000	1.15 .52
CFH 1 7/8 B	CFH 1 7/8 SB					N/A						
CCFH 1 7/8	CCFH 1 7/8 S					N/A						
CCFH 1 7/8 B	CCFH 1 7/8 SB											

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

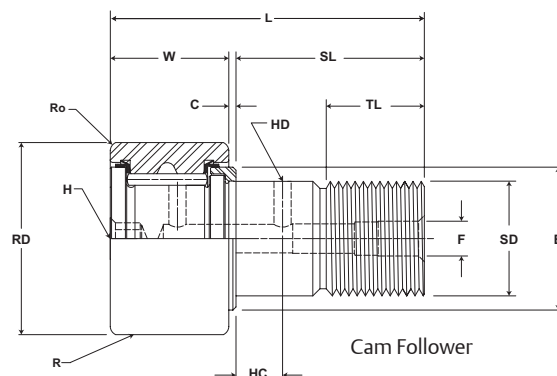
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating		
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric						
		Prefix CCF-XX		Base Modifier CFE-XX															
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm							
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N			
CF 2	CF 2 S	2.000 50.80	+0/- .001 +0/- .03	1.250 31.75	+0 / -.005 +0 / -.13	.875 22.23	+.001/-0 +.03/-0	2.00 50.8	.031 .8	1.00 25.4	3.28 83.3	Cylindrical	N/A	N/A	N/A	8,090 35,984	10,570 47,015		
CF 2 B	CF 2 SB																		
CCF 2	CCF 2 S																		
CCF 2 B	CCF 2 SB											24 610							
CFE 2	CFE 2 S	2.000 50.80	+0/- .001 +0/- .03	1.250 31.75	+0 / -.005 +0 / -.13	.875 22.23	+.001/-0 +.03/-0	2.00 50.8	.031 .8	1.00 25.4	3.28 83.3	Cylindrical	.030 .76	1.000 25.40	1.187 30.15			8,090 35,984	10,570 47,015
CFE 2 B	CFE 2 SB																		
CCFE 2	CCFE 2 S																		
CCFE 2 B	CCFE 2 SB											24 610							
CFH 2	CFH 2 S	2.000 50.80	+0/- .001 +0/- .03	1.250 31.75	+0 / -.005 +0 / -.13	1.125 28.58	+.001/-0 +.03/-0	2.00 50.8	.031 .8	1.00 25.4	3.28 83.3	Cylindrical	N/A	N/A	N/A	8,090 35,984	21,140 94,031		
CFH 2 B	CFH 2 SB																		
CCFH 2	CCFH 2 S																		
CCFH 2 B	CCFH 2 SB											24 610							
CF 2 1/4	CF 2 1/4 S	2.250 57.15	+0/- .001 +0/- .03	1.250 31.75	+0 / -.005 +0 / -.13	.875 22.23	+.001/-0 +.03/-0	2.00 50.8	.031 .8	1.00 25.4	3.28 83.3	Cylindrical	N/A	N/A	N/A	8,090 35,984	10,570 47,015		
CF 2 1/4 B	CF 2 1/4 SB																		
CCF 2 1/4	CCF 2 1/4 S																		
CCF 2 1/4 B	CCF 2 1/4 SB											24 610							
CFE 2 1/4	CFE 2 1/4 S	2.250 57.15	+0/- .001 +0/- .03	1.250 31.75	+0 / -.005 +0 / -.13	.875 22.23	+.001/-0 +.03/-0	2.00 50.8	.031 .8	1.00 25.4	3.28 83.3	Cylindrical	.030 .76	1.000 25.40	1.187 30.15			8,090 35,984	10,570 47,015
CFE 2 1/4 B	CFE 2 1/4 SB																		
CCFE 2 1/4	CCFE 2 1/4 S																		
CCFE 2 1/4 B	CCFE 2 1/4 SB											24 610							
CFH 2 1/4	CFH 2 1/4 S	2.250 57.15	+0/- .001 +0/- .03	1.250 31.75	+0 / -.005 +0 / -.13	1.125 28.58	+.001/-0 +.03/-0	2.00 50.8	.031 .8	1.00 25.4	3.28 83.3	Cylindrical	N/A	N/A	N/A	8,090 35,984	21,140 94,031		
CFH 2 1/4 B	CFH 2 1/4 SB																		
CCFH 2 1/4	CCFH 2 1/4 S																		
CCFH 2 1/4 B	CCFH 2 1/4 SB											24 610							

Metric dimensions for reference only.

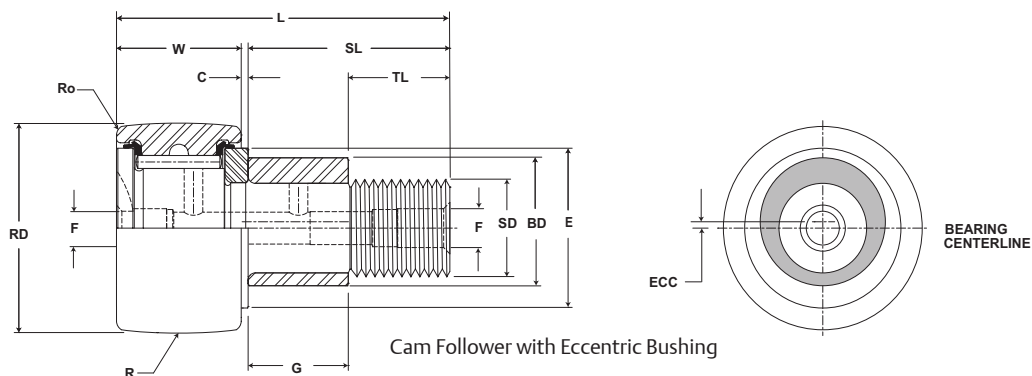
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT	
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight	
							inch mm						inch mm
							(Ref)	(Ref)		(Ref)	(Ref)		(Ref)
CF 2	CF 2 S				1.406 35.72	.094 2.38	.8753 22.233	+.0002/- .0003 +.0005/- .0008	7/8-14	1,500 170	1,400	1.36 .62	
CF 2 B	CF 2 SB	.50 13	.125 3	.1875 5		N/A							
CCF 2	CCF 2 S					.094 2.38	1.190 30.22	+.001/- .001 +.025/- .025					
CCF 2 B	CCF 2 SB	.50 13	.125 3	.1875 5		N/A							
CFH 2	CFH 2 S				1.406 35.72	.094 2.38	1.1253 28.583	+.0002/- .0003 +.0005/- .0008	1 1/8-12	2,800 316	1,400	1.56 .71	
CFH 2 B	CFH 2 SB	.50 13	.125 3	.1875 5		N/A							
CCFH 2	CCFH 2 S												
CCFH 2 B	CCFH 2 SB												
CF 2 1/4	CF 2 1/4 S				1.406 35.72	.094 2.38	.8753 22.233	+.0002/- .0003 +.0005/- .0008	7/8-14	1,500 170	1,300	1.65 .75	
CF 2 1/4 B	CF 2 1/4 SB	.50 13	.125 3	.1875 5		N/A							
CCF 2 1/4	CCF 2 1/4 S					.094 2.38	1.190 30.22	+.001/- .001 +.025/- .025					
CCF 2 1/4 B	CCF 2 1/4 SB	.50 13	.125 3	.1875 5		N/A							
CFH 2 1/4	CFH 2 1/4 S				1.406 35.72	.094 2.38	1.1253 28.583	+.0002/- .0003 +.0005/- .0008	1 1/8-12	2,800 316	1,300	1.88 .85	
CFH 2 1/4 B	CFH 2 1/4 SB	.50 13	.125 3	.1875 5		N/A							
CCFH 2 1/4	CCFH 2 1/4 S												
CCFH 2 1/4 B	CCFH 2 1/4 SB												

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

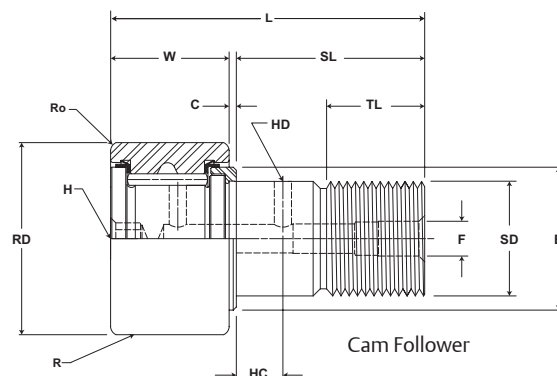
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N	
CF 2 1/2	CF 2 1/2 S											Cylindrical				11,720 52,131	16,450 73,170
CF 2 1/2 B	CF 2 1/2 SB	2.500	+0/- .001	1.500	+0 / - .005	1.000	+ .001/-0	2.25	.031	1.125	3.78		N/A	N/A	N/A		
CCF 2 1/2	CCF 2 1/2 S	63.50	+0/- .03	38.10	+0 / - .13	25.40	+ .03/-0	57.2	.8	28.57	96.0	30 762					
CCF 2 1/2 B	CCF 2 1/2 SB																
CFE 2 1/2	CFE 2 1/2 S											Cylindrical				11,720 52,131	16,450 73,170
CFE 2 1/2 B	CFE 2 1/2 SB	2.500	+0/- .001	1.500	+0 / - .005	1.000	+ .001/-0	2.25	.031	1.125	3.78		.030	1.125	1.375		
CCFE 2 1/2	CCFE 2 1/2 S	63.50	+0/- .03	38.10	+0 / - .13	25.40	+ .03/-0	57.2	.8	28.57	96.0	30 762	.76	28.58	34.93		
CCFE 2 1/2 B	CCFE 2 1/2 SB																
CFH 2 1/2	CFH 2 1/2 S											Cylindrical				11,720 52,131	32,900 146,339
CFH 2 1/2 B	CFH 2 1/2 SB	2.500	+0/- .001	1.500	+0 / - .005	1.250	+ .001/-0	2.25	.031	1.125	3.78		N/A	N/A	N/A		
CCFH 2 1/2	CCFH 2 1/2 S	63.50	+0/- .03	38.10	+0 / - .13	31.75	+ .03/-0	57.2	.8	28.57	96.0	30 762					
CCFH 2 1/2 B	CCFH 2 1/2 SB																
CF 2 3/4	CF 2 3/4 S											Cylindrical				11,720 52,131	16,450 73,170
CF 2 3/4 B	CF 2 3/4 SB	2.750	+0/- .001	1.500	+0 / - .005	1.000	+ .001/-0	2.25	.031	1.125	3.78		N/A	N/A	N/A		
CCF 2 3/4	CCF 2 3/4 S	69.85	+0/- .03	38.10	+0 / - .13	25.40	+ .03/-0	57.2	.8	28.57	96.0	30 762					
CCF 2 3/4 B	CCF 2 3/4 SB																
CFE 2 3/4	CFE 2 3/4 S											Cylindrical				11,720 52,131	16,450 73,170
CFE 2 3/4 B	CFE 2 3/4 SB	2.750	+0/- .001	1.500	+0 / - .005	1.000	+ .001/-0	2.25	.031	1.125	3.78		.030	1.125	1.375		
CCFE 2 3/4	CCFE 2 3/4 S	69.85	+0/- .03	38.10	+0 / - .13	25.40	+ .03/-0	57.2	.8	28.57	96.0	30 762	.76	28.58	34.93		
CCFE 2 3/4 B	CCFE 2 3/4 SB																
CFH 2 3/4	CFH 2 3/4 S											Cylindrical				11,720 52,131	32,900 146,339
CFH 2 3/4 B	CFH 2 3/4 SB	2.750	+0/- .001	1.500	+0 / - .005	1.250	+ .001/-0	2.25	.031	1.125	3.78		N/A	N/A	N/A		
CCFH 2 3/4	CCFH 2 3/4 S	69.85	+0/- .03	38.10	+0 / - .13	31.75	+ .03/-0	57.2	.8	28.57	96.0	30 762					
CCFH 2 3/4 B	CCFH 2 3/4 SB																

Metric dimensions for reference only.

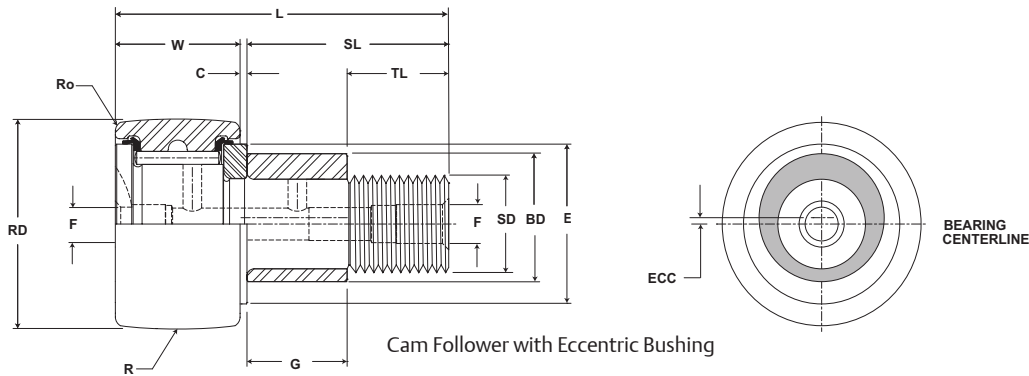
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT	
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight	
		Inch mm			Inch mm		Inch mm					lb kg	
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.					
CF 2 1/2	CF 2 1/2 S	.5625 14	.125 3	.1875 5	1.688 42.86	.094 2.38	1.0003 25.408	+.0002/- .0003 +.0005/- .0008	1-14	2,250 254	1,100	2.50 1.13	
CF 2 1/2 B	CF 2 1/2 SB					N/A							
CCF 2 1/2	CCF 2 1/2 S					.094 2.38	1.378 35.00	+.001/- .001 +.025/- .025					
CCF 2 1/2 B	CCF 2 1/2 SB	N/A											
CFE 2 1/2	CFE 2 1/2 S	.5625 14	.125 3	.1875 5									1.688 42.86
CFE 2 1/2 B	CFE 2 1/2 SB					N/A							
CCFE 2 1/2	CCFE 2 1/2 S				.5625 14	.125 3	.1875 5	1.688 42.86	.094 2.38	1.2503 31.758	+.0002/- .0003 +.0005/- .0008		
CCFE 2 1/2 B	CCFE 2 1/2 SB	N/A											
CFH 2 1/2	CFH 2 1/2 S	.5625 14	.125 3	.1875 5					1.688 42.86	.094 2.38	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	1 1/4-12
CFH 2 1/2 B	CFH 2 1/2 SB				N/A								
CCFH 2 1/2	CCFH 2 1/2 S				.5625 14	.125 3	.1875 5	1.688 42.86		.094 2.38	1.0003 25.408	+.0002/- .0003 +.0005/- .0008	
CCFH 2 1/2 B	CCFH 2 1/2 SB	N/A											
CF 2 3/4	CF 2 3/4 S	.5625 14	.125 3	.1875 5					1.688 42.86	.094 2.38	1.0003 25.408	+.0002/- .0003 +.0005/- .0008	1-14
CF 2 3/4 B	CF 2 3/4 SB				N/A								
CCF 2 3/4	CCF 2 3/4 S				.094 2.38	1.378 35.00	+.001/- .001 +.025/- .025						
CCF 2 3/4 B	CCF 2 3/4 SB	N/A											
CFE 2 3/4	CFE 2 3/4 S	.5625 14	.125 3	.1875 5				1.688 42.86		.094 2.38	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	
CFE 2 3/4 B	CFE 2 3/4 SB				N/A								
CCFE 2 3/4	CCFE 2 3/4 S				.5625 14	.125 3	.1875 5		1.688 42.86	.094 2.38	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	
CCFE 2 3/4 B	CCFE 2 3/4 SB	N/A											
CFH 2 3/4	CFH 2 3/4 S	.5625 14	.125 3	.1875 5				1.688 42.86		.094 2.38	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	1 1/4-12
CFH 2 3/4 B	CFH 2 3/4 SB				N/A								
CCFH 2 3/4	CCFH 2 3/4 S				.5625 14	.125 3	.1875 5		1.688 42.86	.094 2.38	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	
CCFH 2 3/4 B	CCFH 2 3/4 SB	N/A											

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

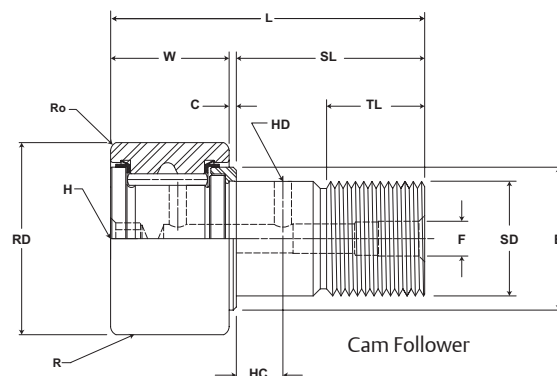
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
												Prefix CCF-XX	Base Modifier CFE-XX				
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N			
CF 3	CF 3 S	3.000 76.20	+0/- .001 +0/- .03	1.750 44.45	+0 / - .005 +0 / - .13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	24,910 110,800 24,910 110,800
CF 3 B	CF 3 SB																
CCF 3	CCF 3 S																
CCF 3 B	CCF 3 SB																
CFE 3	CFE 3 S	3.000 76.20	+0/- .001 +0/- .03	1.750 44.45	+0 / - .005 +0 / - .13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	.060 .52	1.250 31.75	1.750 44.45		
CFE 3 B	CFE 3 SB																
CCFE 3	CCFE 3 S																
CCFE 3 B	CCFE 3 SB																
CFH 3	CFH 3 S	3.000 76.20	+0/- .001 +0/- .03	1.750 44.45	+0 / - .005 +0 / - .13	1.500 38.10	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	49,820 221,599
CFH 3 B	CFH 3 SB																
CCFH 3	CCFH 3 S																
CCFH 3 B	CCFH 3 SB																
CF 3 1/4	CF 3 1/4 S	3.250 82.55	+0/- .001 +0/- .03	1.750 44.45	+0 / - .005 +0 / - .13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	24,910 110,800
CF 3 1/4 B	CF 3 1/4 SB																
CCF 3 1/4	CCF 3 1/4 S																
CCF 3 1/4 B	CCF 3 1/4 SB																
CFE 3 1/4	CFE 3 1/4 S	3.250 82.55	+0/- .001 +0/- .03	1.750 44.45	+0 / - .005 +0 / - .13	1.250 31.75	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	.060 .52	1.250 31.75	1.750 44.45		
CFE 3 1/4 B	CFE 3 1/4 SB																
CCFE 3 1/4	CCFE 3 1/4 S																
CCFE 3 1/4 B	CCFE 3 1/4 SB																
CFH 3 1/4	CFH 3 1/4 S	3.250 82.55	+0/- .001 +0/- .03	1.750 44.45	+0 / - .005 +0 / - .13	1.500 38.10	+.001/-0 +.03/-0	2.50 63.5	.031 .8	1.25 31.75	4.28 108.7	Cylindrical	N/A	N/A	N/A	15,720 69,923	49,820 221,599
CFH 3 1/4 B	CFH 3 1/4 SB																
CCFH 3 1/4	CCFH 3 1/4 S																
CCFH 3 1/4 B	CCFH 3 1/4 SB																

Metric dimensions for reference only.

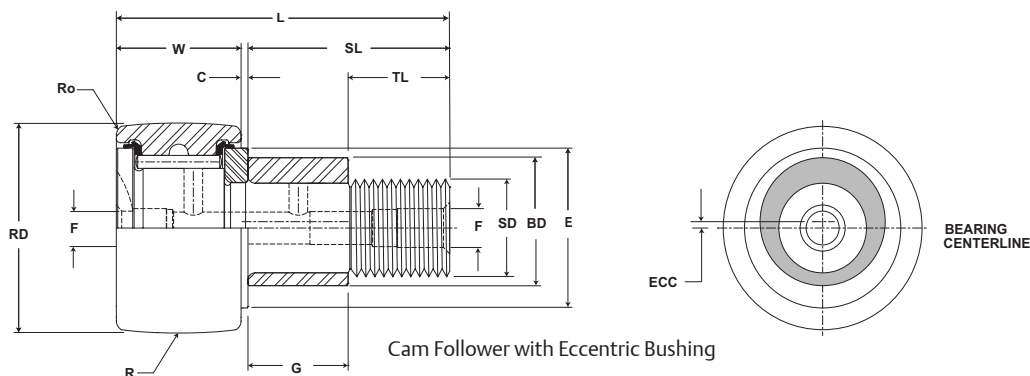
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

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Inch Cam Follower Bearings **McGILL®**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight
		inch mm			inch mm		inch mm					
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.		in-lb Nm	RPM	
CF 3	CF 3 S	.625 16	.125 3	.25 * 6	2.125 53.98	.125 3.18	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	1 1/4-12	3,450 390	950	4.20 1.91
CF 3 B	CF 3 SB					N/A						
CCF 3	CCF 3 S					N/A	1.753 44.52	+.001/- .001 +.025/- .025				
CCF 3 B	CCF 3 SB											
CFE 3	CFE 3 S	.625 16	.125 3	.25 * 6		.125 3.18	1.753 44.52	+.001/- .001 +.025/- .025				
CFE 3 B	CFE 3 SB					N/A						
CCFE 3	CCFE 3 S				N/A	1.753 44.52	+.001/- .001 +.025/- .025					
CCFE 3 B	CCFE 3 SB											
CFH 3	CFH 3 S	.625 16	.125 3	.25 * 6	2.125 53.98	.125 3.18	1.5003 38.108	+.0002/- .0003 +.0005/- .0008	1 1/2-12	5,000 565	950	4.56 2.07
CFH 3 B	CFH 3 SB					N/A						
CCFH 3	CCFH 3 S					N/A	1.5003 38.108	+.0002/- .0003 +.0005/- .0008				
CCFH 3 B	CCFH 3 SB											
CF 3 1/4	CF 3 1/4 S	.625 16	.125 3	.25 * 6	2.125 53.98	.125 3.18	1.2503 31.758	+.0002/- .0003 +.0005/- .0008	1 1/4-12	3,450 390	880	4.81 2.18
CF 3 1/4 B	CF 3 1/4 SB					N/A						
CCF 3 1/4	CCF 3 1/4 S					N/A	1.753 44.52	+.001/- .001 +.025/- .025				
CCF 3 1/4 B	CCF 3 1/4 SB											
CFE 3 1/4	CFE 3 1/4 S	.625 16	.125 3	.25 * 6		.125 3.18	1.753 44.52	+.001/- .001 +.025/- .025				
CFE 3 1/4 B	CFE 3 1/4 SB					N/A						
CCFE 3 1/4	CCFE 3 1/4 S				N/A	1.753 44.52	+.001/- .001 +.025/- .025					
CCFE 3 1/4 B	CCFE 3 1/4 SB											
CFH 3 1/4	CFH 3 1/4 S	.625 16	.125 3	.25 * 6	2.125 53.98	.125 3.18	1.5003 38.108	+.0002/- .0003 +.0005/- .0008	1 1/2-12	5,000 565	880	5.19 2.35
CFH 3 1/4 B	CFH 3 1/4 SB					N/A						
CCFH 3 1/4	CCFH 3 1/4 S					N/A	1.5003 38.108	+.0002/- .0003 +.0005/- .0008				
CCFH 3 1/4 B	CCFH 3 1/4 SB											

* Lubrication hole (F) at bottom of hex hole and 1/4 inch straight drive fitting will ball check supplied but not installed.
For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

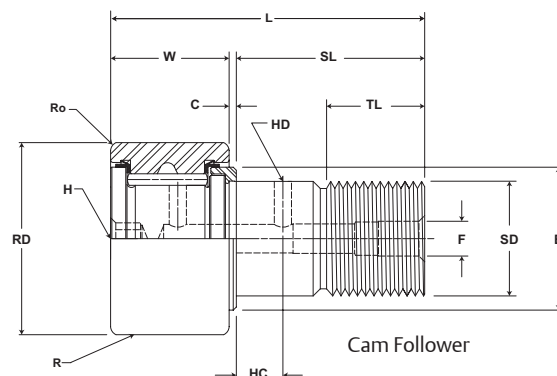
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/- .010	±.001	lb/N	
CF 3 1/2	CF 3 1/2 S											Cylindrical				22,800 101,414	31,625 140,668
CF 3 1/2 B	CF 3 1/2 SB	3.500	+0/- .001	2.000	+0 / - .005	1.375	+ .001/-0	2.75	.031	1.375	4.78		N/A	N/A	N/A		
CCF 3 1/2	CCF 3 1/2 S	88.90	+0/- .03	50.80	+0 / - .13	34.93	+ .03/-0	69.9	.8	34.93	121.4	30 762					
CCF 3 1/2 B	CCF 3 1/2 SB																
CFE 3 1/2	CFE 3 1/2 S											Cylindrical				22,800 101,414	31,625 140,668
CFE 3 1/2 B	CFE 3 1/2 SB	3.500	+0/- .001	2.000	+0 / - .005	1.375	+ .001/-0	2.75	.031	1.375	4.78		.060	1.375	1.812		
CCFE 3 1/2	CCFE 3 1/2 S	88.90	+0/- .03	50.80	+0 / - .13	34.93	+ .03/-0	69.9	.8	34.93	121.4	30 762	.52	34.93	46.02		
CCFE 3 1/2 B	CCFE 3 1/2 SB																
CFH 3 1/2	CFH 3 1/2 S											Cylindrical				22,800 101,414	63,250 281,336
CFH 3 1/2 B	CFH 3 1/2 SB	3.500	+0/- .001	2.000	+0 / - .005	1.750	+ .001/-0	2.75	.031	1.375	4.78		N/A	N/A	N/A		
CCFH 3 1/2	CCFH 3 1/2 S	88.90	+0/- .03	50.80	+0 / - .13	44.45	+ .03/-0	69.9	.8	34.93	121.4	30 762					
CCFH 3 1/2 B	CCFH 3 1/2 SB																
CF 4	CF 4 S											Cylindrical				22,800 101,414	44,770 199,137
CF 4 B	CF 4 SB	4.000	+0/- .001	2.250	+0 / - .005	1.500	+ .001/-0	3.50	.031	1.50	5.78		N/A	N/A	N/A		
CCF 4	CCF 4 S	101.60	+0/- .03	57.15	+0 / - .13	38.10	+ .03/-0	88.9	.8	38.1	146.8	30 762					
CCF 4 B	CCF 4 SB																
CFE 4	CFE 4 S											Cylindrical				22,800 101,414	44,770 199,137
CFE 4 B	CFE 4 SB	4.000	+0/- .001	2.250	+0 / - .005	1.500	+ .001/-0	3.50	.031	1.50	5.78		.060	2.000	2.000		
CCFE 4	CCFE 4 S	101.60	+0/- .03	57.15	+0 / - .13	38.10	+ .03/-0	88.9	.8	38.1	146.8	30 762	.52	50.80	50.80		
CCFE 4 B	CCFE 4 SB																
CFH 4	CFH 4 S											Cylindrical				29,985 133,373	89,540 398,274
CFH 4 B	CFH 4 SB	4.000	+0/- .001	2.250	+0 / - .005	2.000	+ .001/-0	3.50	.031	1.50	5.78		N/A	N/A	N/A		
CCFH 4	CCFH 4 S	101.60	+0/- .03	57.15	+0 / - .13	50.80	+ .03/-0	88.9	.8	38.1	146.8	30 762					
CCFH 4 B	CCFH 4 SB																

Metric dimensions for reference only.

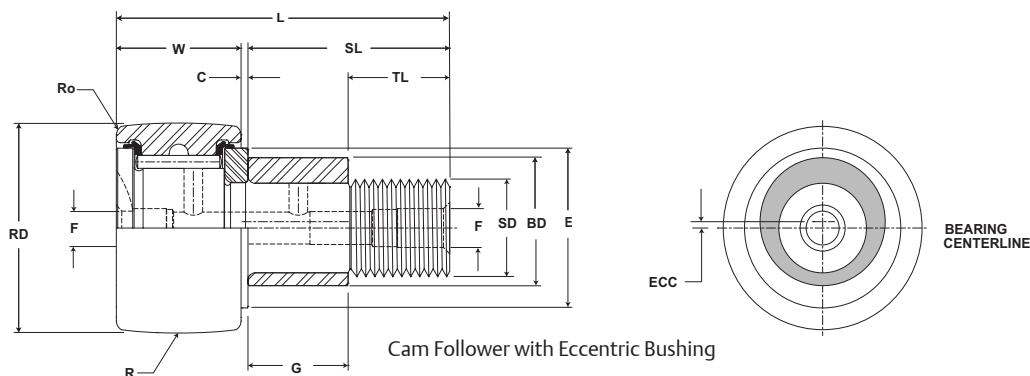
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT	
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					Bearing Weight	
		inch mm			inch mm		inch mm						
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.	Tol.		in-lb Nm	RPM		lb kg
CF 3 1/2	CF 3 1/2 S	.6875 17	.125 3	.25 * 6	2.438 61.91	.125 3.18	1.3753 34.933	+.0002/- .0003 +.0005/- .0008	1 3/8-12	4,200 475	820	6.42 2.91	
CF 3 1/2 B	CF 3 1/2 SB					N/A							
CCF 3 1/2	CCF 3 1/2 S					.125 3.18	1.815 46.10	+.001/- .001 +.025/- .025					
CCF 3 1/2 B	CCF 3 1/2 SB												N/A
CFE 3 1/2	CFE 3 1/2 S	.6875 17	.125 3	.25 * 6		.125 3.18	1.815 46.10	+.001/- .001 +.025/- .025					
CFE 3 1/2 B	CFE 3 1/2 SB					N/A							
CCFE 3 1/2	CCFE 3 1/2 S												
CCFE 3 1/2 B	CCFE 3 1/2 SB												
CFH 3 1/2	CFH 3 1/2 S	.6875 17	.125 3	.25 * 6	2.438 61.91	.125 3.18	1.7503 44.458	+.0002/- .0003 +.0005/- .0008	1 3/4-12	5,000 565	820	7.01 3.18	
CFH 3 1/2 B	CFH 3 1/2 SB					N/A							
CCFH 3 1/2	CCFH 3 1/2 S												
CCFH 3 1/2 B	CCFH 3 1/2 SB												
CF 4	CF 4 S	.75 19	.125 3	.25 * 6	2.797 71.04	.125 3.18	1.5003 38.108	+.0002/- .0003 +.0005/- .0008	1 1/2-12	5,000 565	700	9.46 4.29	
CF 4 B	CF 4 SB					N/A							
CCF 4	CCF 4 S					.125 3.18	2.002 50.85	+.001/- .001 +.025/- .025					
CCF 4 B	CCF 4 SB												N/A
CFE 4	CFE 4 S	.75 19	.125 3	.25 * 6		.125 3.18	2.002 50.85	+.001/- .001 +.025/- .025					
CFE 4 B	CFE 4 SB					N/A							
CCFE 4	CCFE 4 S												
CCFE 4 B	CCFE 4 SB												
CFH 4	CFH 4 S	.75 19	.125 3	.25 * 6	2.797 71.04	.125 3.18	2.0003 50.808	+.0002/- .0003 +.0005/- .0008	2-12	5,000 565	700	10.83 4.91	
CFH 4 B	CFH 4 SB					N/A							
CCFH 4	CCFH 4 S												
CCFH 4 B	CCFH 4 SB												

* Lubrication hole (F) at bottom of hex hole and 1/4 inch straight drive fitting will ball check supplied but not installed.
For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque is based on dry threads. If threads are lubricated, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

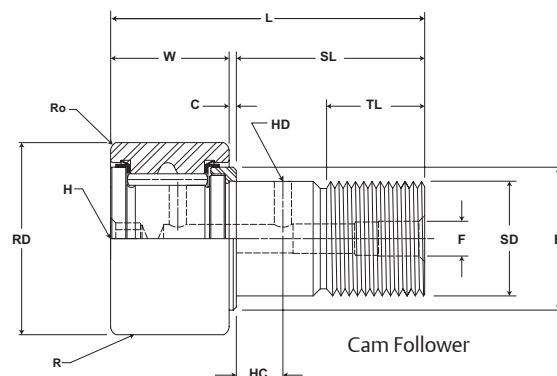
Bearing Material: Bearing Quality Steel

Seal Type: LUBRI-DISC®

Lubrication: Lithium Soap Grease NLGI #2

System Configuration: Concentric / Eccentric / Heavy Stud

Mounting Feature: Slot / Hex Hole



CF, CFE, CFH

Part No.		RD		W		SD		SL	C	TL	L	R	ECC	G	BD	Track Roller Dynamic Rating	Track Roller Static Rating
W/O Seals	With LUBRI-DISC Seals	Roller Diameter		Roller Width		Stud Diameter		Stud Length	Endplate Extension	Min Thread Length	Length Overall	Crown	Eccentric				
		Prefix CCF-XX		Base Modifier CFE-XX													
		inch mm		inch mm		inch mm		inch mm		inch mm		inch mm					
		Nom.	Tol.	Nom.	Tol.	Nom.	Tol.	(Ref)	(Ref)	(Ref)	(Ref)	Radius (Ref)	(Ref)	+0/-0.010	±.001	lb/N	
-	CF 5 SB	5.000	+0/-0.001	2.750	+0 / -0.005	2.000	+0.01/-0	5.06	.062	2.563	7.88	Cylindrical	N/A	N/A	N/A	46,575	67,950
	CCF 5 SB	127.00	+0/-0.03	69.85	+0 / -0.13	50.80	+0.03/-0	128.6	1.57	65.1	200.0	48 1,219					
	CFH 5 SB	5.000	+0/-0.001	2.750	+0 / -0.005	2.500	+0.01/-0	5.06	.062	2.563	7.88	Cylindrical	N/A	N/A	N/A	46,575	135,900
	CCFH 5 SB	127.00	+0/-0.03	69.85	+0 / -0.13	63.50	+0.03/-0	128.6	1.57	65.1	200.0	48 1,219					
-	CF 6 SB	6.000	+0/-0.001	3.250	+0 / -0.005	2.500	+0.01/-0	6.00	.062	3.00	9.31	Cylindrical	N/A	N/A	N/A	60,000	80,450
	CCF 6 SB	152.40	+0/-0.03	82.55	+0 / -0.13	63.50	+0.03/-0	152.4	1.57	76.2	236.5	56 1,422					
	CFH 6 SB	6.000	+0/-0.001	3.250	+0 / -0.005	2.500	+0.01/-0	6.00	.062	3.00	9.31	Cylindrical	N/A	N/A	N/A	60,000	160,900
	CCFH 6 SB	152.40	+0/-0.03	82.55	+0 / -0.13	63.50	+0.03/-0	152.4	1.57	76.2	236.5	56 1,422					
-	CF 7 SB	7.000	+0/-0.001	3.750	+0 / -0.005	3.000	+0.01/-0	7.69	.062	4.125	11.50	Cylindrical	N/A	N/A	N/A	75,380	106,930
	CCF 7 SB	177.80	+0/-0.03	95.25	+0 / -0.13	76.20	+0.03/-0	195.3	1.57	104.77	292.1	60 1,524					
	CFH 7 SB	7.000	+0/-0.001	3.750	+0 / -0.005	3.000	+0.01/-0	7.69	.062	4.125	11.50	Cylindrical	N/A	N/A	N/A	75,380	213,860
	CCFH 7 SB	177.80	+0/-0.03	95.25	+0 / -0.13	76.20	+0.03/-0	195.3	1.57	104.77	292.1	60 1,524					
-	CF 8 SB	8.000	*	4.250	*	3.250	+0.01/-0	8.50	.125	4.25	12.81	Cylindrical	N/A	N/A	N/A	92,200	144,100
	CCF 8 SB	203.20		107.95		82.55	+0.03/-0	215.9	3.175	107.95	325.4	40 1,016					
-	CF 9 SB	9.000	*	4.750	*	3.750	+0.01/-0	9.50	.125	4.75	14.31	Cylindrical	N/A	N/A	N/A	113,260	183,430
	CCF 9 SB	228.60		120.65		95.25	+0.03/-0	241.3	3.175	120.65	363.5	40 1,016					
-	CF 10 SB	10.000	*	5.250	*	4.250	+0.01/-0	10.00	.125	4.75	15.31	Cylindrical	N/A	N/A	N/A	131,545	215,565
	CCF 10 SB	254.00		133.35		107.95	+0.03/-0	254.0	3.175	120.65	388.9	40 1,016					

Metric dimensions for reference only.

*Standard tolerances do not apply. Consult Application Engineering.

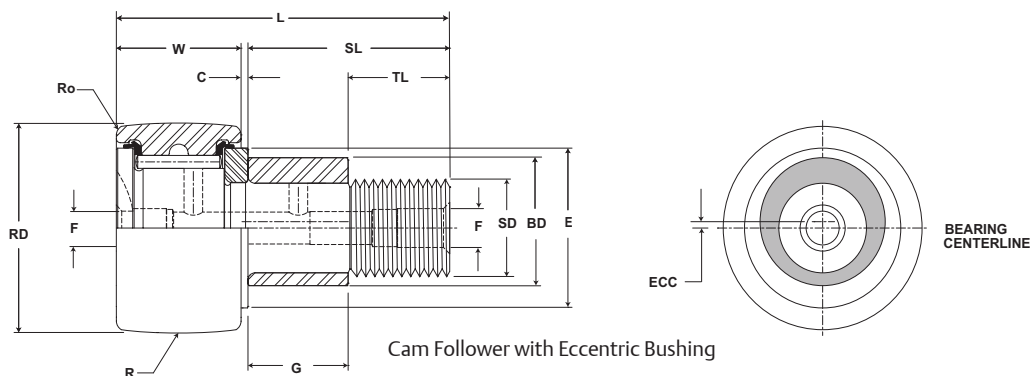
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.

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Inch Cam Follower Bearings **McGILL**

Cam Follower Bearings



CF, CFE, CFH

Part No.		HC	HD	F	E	Ro	HBD		Thread Type	Clamping Torque	Limiting Speed (Grease)	WT		
W/O Seals	With LUBRI-DISC Seals	Hole Center	Radial Hole Diameter	Axial Hole Dia or Fitting	Min Boss Diameter	Outer Corner	Housing Bore Diameter					in-lb Nm	RPM	Bearing Weight
							inch mm							inch mm
		(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	(Ref)	Nom.		Tol.				
-	CF 5 S	.875	.1875	1/4" NPT	3.563	.125	2.0003	+0.0002/-0.0003	2-12	5,000	575	19.60		
	CCF 5 S	22	5		90.49	3.18	50.808	+0.0005/-0.0008						
	CFH 5 S	.875	.1875	1/4" NPT	3.563	.125	2.5030	+0.0002/-0.0003	2 1/2-12	5,000	575	22.10		
	CCFH 5 S	22	5		90.49	3.18	63.576	+0.0005/-0.0008						
-	CF 6 S	1.00	.1875	1/4" NPT	4.469	.125	2.5030	+0.0002/-0.0003	2 1/2-12	5,000	475	32.73		
	CCF 6 S	25	5		113.51	3.18	63.576	+0.0005/-0.0008						
	CFH 6 S	1.00	.1875	1/4" NPT	4.469	.125	3.0003	+0.0002/-0.0003	3-12	5,000	475	36.41		
	CCFH 6 S	25	5		113.51	3.18	76.208	+0.0005/-0.0008						
--	CF 7 S	1.25	.1875	1/4" NPT	5.188	.125	3.0003	+0.0002/-0.0003	3-12	5,000	400	54.73		
	CCF 7 S	32	5		131.76	3.18	76.208	+0.0005/-0.0008						
	CFH 7 S	1.25	.1875	1/4" NPT	5.188	.125	3.5003	+0.0002/-0.0003	3 1/2-4	5,000	400	68.03		
	CCFH 7 S	32	5		131.76	3.18	88.908	+0.0005/-0.0008						
-	CF 8 S	-	-	1/4" NPT	4.375	.219	3.2503	+0.0002/-0.0003	3 1/4-4	5,000	350	79.80		
	CCF 8 S				111.13	5.56	82.558	+0.0005/-0.0008						
-	CF 9 S	-	-	1/4" NPT	5.063	.250	3.7503	+0.0002/-0.0003	3 1/2-4	5,000	300	111.60		
	CCF 9 S				128.59	6.35	95.258	+0.0005/-0.0008						
-	CF 10 S	-	-	1/4" NPT	5.469	.281	4.2503	+0.0002/-0.0003	3 1/2-4	5,000	275	148.20		
	CCF 10 S				138.91	7.14	107.958	+0.0005/-0.0008						

For positive clamping, use housing thickness equal to G dimension $\pm .010$ ".
Clamping torque based on dry threads. For wet (lubricated) threads, use half of value shown.
Hex wrench size for "Broached" version is located in the wrench size chart on page B-156.