

McGILL® Inch Cam Follower Bearings



Basic Construction Type: Stud Type Crowned / Cylindrical Outside Diameter

Rolling Elements: Full Complement Needle Roller

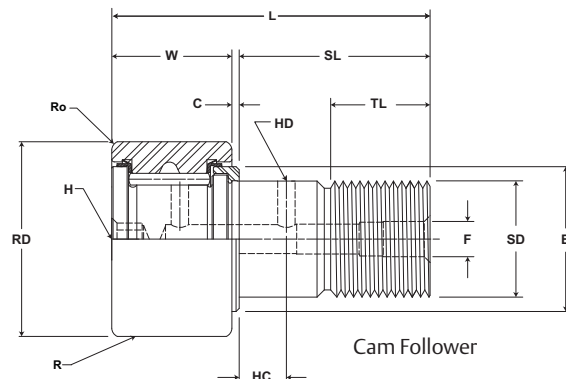
Bearing Material: Bearing Quality Steel

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	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					
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	680	790
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				3,025	3,514
CCF 1/2 B	CCF 1/2 SB											178					
CFE 1/2	CFE 1/2 S											Cylindrical					
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	680	790
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	.25	9.53	6.35	3,025	3,514
CCFE 1/2 B	CCFE 1/2 SB											178					
CFH 1/2	CFH 1/2 S											Cylindrical					
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	680	1,580
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				3,025	7,028
CCFH 1/2 B	CCFH 1/2 SB											178					
CF 1/2 N	CF 1/2 N S											Cylindrical					
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	620	720
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				2,758	3,203
CCF 1/2 N B	CCF 1/2 N SB											152					
CFE 1/2 N	CFE 1/2 N S											Cylindrical					
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	620	720
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	.25	6.35	6.35	2,758	3,203
CCFE 1/2 N B	CCFE 1/2 N SB											152					
CF 9/16	CF 9/16 S											Cylindrical					
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	680	790
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				3,025	3,514
CCF 9/16 B	CCF 9/16 SB											178					
CFE 9/16	CFE 9/16 S											Cylindrical					
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	.25	9.53	6.35		
CCFE 9/16 B	CCFE 9/16 SB											178					
CFH 9/16	CFH 9/16 S											Cylindrical					
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	680	1,580
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				3,025	7,028
CCFH 9/16 B	CCFH 9/16 SB											178					

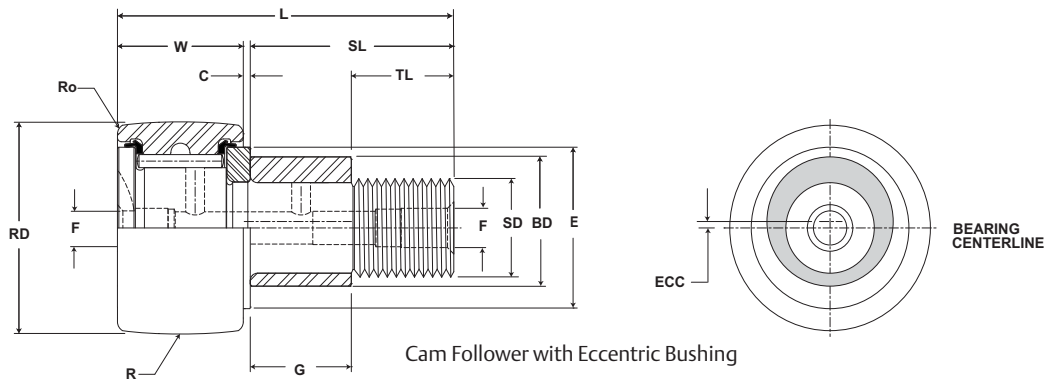
Metric dimensions for reference only.

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®**



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 1/2	CF 1/2 S	-	-	.125 3.175	.410 10.41	.016 .40	.1903 4.834	+.0002/-0.0003 +.0005/-0.0008	10-32	15 2	11,500	.04 .02
CF 1/2 B	CF 1/2 SB											
CCF 1/2	CCF 1/2 S					N/A						
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/-0.001 +.025/-0.025	10-32	15 2	11,500	.04 .02
CFE 1/2 B	CFE 1/2 SB											
CCFE 1/2	CCFE 1/2 S					N/A						
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/-0.0003 +.0005/-0.0008	1/4-28	35 4	11,500	.04 .02
CFH 1/2 B	CFH 1/2 SB											
CCFH 1/2	CCFH 1/2 S					N/A						
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/-0.0003 +.0005/-0.0008	10-32	15 2	11,500	.04 .02
CF 1/2 N B	CF 1/2 N SB											
CCF 1/2 N	CCF 1/2 N S					N/A						
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/-0.001 +.025/-0.025	10-32	15 2	11,500	.04 .02
CFE 1/2 N B	CFE 1/2 N SB											
CCFE 1/2 N	CCFE 1/2 N S					N/A						
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/-0.0003 +.0005/-0.0008	10-32	15 2	10,000	.04 .02
CF 9/16 B	CF 9/16 SB											
CCF 9/16	CCF 9/16 S					N/A						
CCF 9/16 B	CCF 9/16 SB											
CFE 9/16	CFE 9/16 S	-	-	.125 3.175	.016 .40	.253 6.42	+.001/-0.001 +.025/-0.025					
CFE 9/16 B	CFE 9/16 SB											
CCFE 9/16	CCFE 9/16 S				N/A							
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/-0.0003 +.0005/-0.0008	1/4-28	35 4	10,000	.04 .02
CFH 9/16 B	CFH 9/16 SB											
CCFH 9/16	CCFH 9/16 S					N/A						
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.