

BRG. NO.	ROLLER DIA. (RD)	WIDTH (W)	STUD DIA. (SD) +.000 -.001	MIN. THREAD LENGTH (TL)	FINE THREADS	STUD LENGTH (SL)	HEX SOCKET (H)	SHOULDER OR ENDPLATE DIA. (E)	RADIAL BASIC DYNAMIC RATING (LBS.)	DYNAMIC THRUST LOAD* RATING (LBS.)	MAX. STATIC CAPACITY (LBS.)
PCF-1 1/2	1.500	1 3/16	.625	3/4	5/8-18	1 1/2	1/4	3/4	2520	1320	1370
PCF-1 3/4	1.750	1 3/16	.750	7/8	3/4-16	1 3/4	1/4	1	2520	1320	1370
PCF-2	2.000	1 11/16	.875	1 1/8	7/8-14	2	3/8	1	3490	1830	2000
PCF-2 1/4	2.250	1 11/16	.875	1 1/8	7/8-14	2	3/8	1	3490	1830	2000
PCF-2 1/2	2.500	1 11/16	1.000	1 1/2	1-14	2 1/4	7/16	1 1/4	5120	2680	3120
PCF-2 3/4	2.750	1 11/16	1.000	1 1/2	1-14	2 1/4	7/16	1 1/4	5120	2680	3120
PCF-3	3.000	2	1.250	1 3/4	1 1/4-12	2 1/2	7/16	1 3/4	14300	5790	16000
PCF-3 1/4	3.250	2	1.250	1 3/4	1 1/4-12	2 1/2	7/16	1 3/4	14300	5790	16000
PCF-3 1/2	3.500	2	1.250	1 3/4	1 1/4-12	2 3/4	7/16	1 3/4	14300	5790	16000
PCF-4	4.000	2	1.250	1 3/4	1 1/4-12	2 3/4	7/16	1 3/4	14300	5790	16000
PCF-4 1/2	4.500	2	1.250	1 3/4	1 1/4-12	2 3/4	7/16	1 3/4	14300	5790	16000
PCF-5	5.000	3	2.000	2 1/2	2-12	4 1/2	7/8	3 1/4	35800	13300	40000
PCF-6	6.000	3	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000
PCF-7	7.000	3	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000
PCF-8	8.000	3	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000

BRG. NO.	OUTSIDE ROLLER DIA. (OD)	POINT DIA. (V)	WIDTH (W)	GROOVE CENTER (C)	STUD DIA. (SD) +.000 -.001	MIN. THREAD LENGTH (TL)	FINE THREADS	STUD LENGTH (SL)	HEX SOCKET	SHOULDER OR ENDPLATE DIA. (E)	RADIAL BASIC DYNAMIC RATING (LBS.)	DYNAMIC THRUST LOAD* RATING (LBS.)	MAX. STATIC CAPACITY (LBS.)
VCF-2 1/2	2 1/2	1 1/2	1 5/16	11/16	.750	.895	3/4-16	1 3/4	1/4	1 1/4	2520	1320	1370
VCF-3 1/2	3 1/2	2 1/4	1 11/16	7/8	.875	1 1/8	7/8-14	2	3/8	1	3490	1830	2000
VCF-4 1/2	4 1/2	3	2	1	1.250	1 3/4	1 1/4-12	2 1/2	7/16	1 3/4	14300	5790	16000
VCF-5 1/2	5 1/2	4	2	1	1.250	1 3/4	1 1/4-12	2 3/4	7/16	1 3/4	14300	5790	16000
VCF-6 1/2	6 1/2	5	3	1 1/2	2.000	2 1/2	2-12	4 1/2	7/8	3 1/4	35800	13300	40000
VCF-7 1/2	7 1/2	6	3	1 1/2	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000
VCF-8 1/2	8 1/2	7	3	1 1/2	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000

BRG. NO.	ROLLER DIA. (RD)	FLANGE DIA. (FD)	WIDTH (W)	FLANGE THICKNESS (FT)	STUD DIA. (SD) +.000 -.001	MIN. THREAD LENGTH (TL)	FINE THREADS	STUD LENGTH (SL)	HEX SOCKET (H)	SHOULDER OR ENDPLATE DIA. (E)	RADIAL BASIC DYNAMIC RATING (LBS.)	DYNAMIC THRUST LOAD* RATING (LBS.)	MAX. STATIC CAPACITY (LBS.)
FCF-1 1/2	1.500	2 3/16	1 3/16	11/32	.625	3/4	5/8-18	1 1/2	1/4	3/4	2520	1320	1370
FCF-1 3/4	1.750	2 7/16	1 3/16	11/32	.750	7/8	3/4-16	1 3/4	1/4	1	2520	1320	1370
FCF-2	2.000	2 11/16	1 11/16	19/32	.875	1 1/8	7/8-14	2	3/8	1	3490	1830	2000
FCF-2 1/4	2.250	2 15/16	1 11/16	19/32	.875	1 1/8	7/8-14	2	3/8	1	3490	1830	2000
FCF-2 1/2	2.500	3 3/16	1 11/16	19/32	1.000	1 1/2	1-14	2 1/4	7/16	1 1/4	5120	2680	3120
FCF-2 3/4	2.750	3 7/16	1 11/16	19/32	1.000	1 1/2	1-14	2 1/4	7/16	1 1/4	5120	2680	3120
FCF-3	3.000	3 15/16	2	19/32	1.250	1 3/4	1 1/4-12	2 1/2	7/16	1 3/4	14300	5790	16000
FCF-3 1/4	3.250	4 3/16	2	19/32	1.250	1 3/4	1 1/4-12	2 1/2	7/16	1 3/4	14300	5790	16000
FCF-3 1/2	3.500	4 7/16	2	19/32	1.250	1 3/4	1 1/4-12	2 3/4	7/16	1 3/4	14300	5790	16000
FCF-4	4.000	4 15/16	2	19/32	1.250	1 3/4	1 1/4-12	2 3/4	7/16	1 3/4	14300	5790	16000
FCF-4 1/2	4.500	5 7/16	2	19/32	1.250	1 3/4	1 1/4-12	2 3/4	7/16	1 3/4	14300	5790	16000
FCF-5	5.000	5 15/16	3	23/32	2.000	2 1/2	2-12	4 1/2	7/8	3 1/4	35800	13300	40000
FCF-6	6.000	6 15/16	3	23/32	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000
FCF-7	7.000	7 15/16	3	23/32	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000
FCF-8	8.000	8 15/16	3	23/32	2.500	3 1/4	2 1/2-12	5 1/2	7/8	3 1/4	35800	14200	62000

* Dynamic thrust load rating based on application of a centric, axial load. Fatigue life calculations for combined radial and thrust loading require special considerations and the McGill Engineering Department should be contacted.

Interchange Chart

McGill	**** OSBORN
PCF—**	PLR
VCF —	VLR
FCF —	FLR

** Both manufacturers use the same numbering convention, i.e. a PCF-1 1/2 interchanges a PLR-1 1/2

**** The trademark OSBORN is a registered trademark of The Osborn Manufacturing Company

Recommended Installation Torque

<u>Stud Dia.</u>	<u>Installation torque*** (in.-lbs.)</u>
.625	325
.750	625
.875	750
1.000	1120
1.250	1720
2.000	2500
2.500	2500

*** Values shown are for dry threads. If threads are lubricated, use 1/2 of values shown.