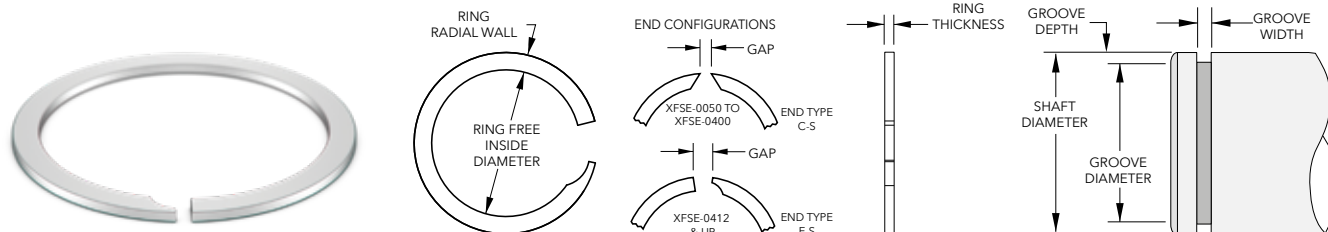




XFSE Series

Constant Section Imperial Rings External



Product Dimensions: All dimensions in inches unless otherwise specified.

TFC Part Number ³		Shaft Diameter		Ring			Groove		Thrust Capacity	
Carbon Steel	Add Suffix	in	mm	Inside Diameter (in)	Radial Wall (in)	Thickness (in)	Diameter (in)	Width (in)	Groove Yield ¹ (lb)	Ring Shear ² (lb)
	302 SS									
XFSE-0050	-S02	0,500	12,70	0,471	0,055	0,037	0,476	0,043	424	2,325
XFSE-0056	-S02	0,562	14,27	0,524	0,055	0,037	0,532	0,043	596	2,613
XFSE-0062	-S02	0,625	15,88	0,590	0,065	0,037	0,595	0,043	663	2,906
XFSE-0068	-S02	0,687	17,45	0,649	0,065	0,037	0,655	0,043	777	3,194
XFSE-0075	-S02	0,750	19,05	0,701	0,075	0,045	0,710	0,051	1,060	4,241
XFSE-0081	-S02	0,812	20,62	0,764	0,075	0,045	0,772	0,051	1,148	4,592
XFSE-0087	-S02	0,875	22,23	0,820	0,075	0,045	0,831	0,051	1,361	4,948
XFSE-0093	-S02	0,937	23,80	0,886	0,085	0,045	0,893	0,051	1,457	5,334
XFSE-0100	-S02	1,000	25,40	0,933	0,085	0,045	0,952	0,051	1,696	5,693
XFSE-0106	-S02	1,062	26,97	1,004	0,085	0,045	1,014	0,051	1,802	6,045
XFSE-0112	-S02	1,125	28,58	1,069	0,128	0,057	1,077	0,063	1,909	7,615
XFSE-0118	-S02	1,187	30,15	1,116	0,128	0,057	1,131	0,063	2,349	8,035
XFSE-0125	-S02	1,250	31,75	1,176	0,128	0,057	1,188	0,063	2,739	8,461
XFSE-0131	-S02	1,312	33,32	1,223	0,128	0,057	1,242	0,063	3,246	8,881
XFSE-0137	-S02	1,375	34,93	1,282	0,128	0,057	1,297	0,063	3,791	9,307
XFSE-0143	-S02	1,437	36,50	1,344	0,158	0,067	1,359	0,073	3,961	11,408
XFSE-0150	-S02	1,500	38,10	1,402	0,158	0,067	1,422	0,073	4,135	11,908
XFSE-0156	-S02	1,562	39,67	1,457	0,158	0,067	1,470	0,073	5,079	12,400
XFSE-0162	-S02	1,625	41,28	1,517	0,158	0,067	1,533	0,073	5,284	12,901
XFSE-0168	-S02	1,687	42,85	1,578	0,158	0,067	1,595	0,073	5,485	13,393
XFSE-0175	-S02	1,750	44,45	1,640	0,158	0,067	1,658	0,073	5,690	13,893
XFSE-0181	-S02	1,812	46,02	1,697	0,158	0,067	1,720	0,073	5,892	14,385
XFSE-0187	-S02	1,875	47,63	1,767	0,158	0,067	1,783	0,073	6,097	14,885
XFSE-0193	-S02	1,937	49,20	1,800	0,200	0,076	1,819	0,085	8,078	16,649
XFSE-0200	-S02	2,000	50,80	1,862	0,200	0,076	1,882	0,085	8,341	17,191
XFSE-0206	-S02	2,062	52,37	1,924	0,200	0,076	1,944	0,085	8,599	17,724
XFSE-0212	-S02	2,125	53,98	1,987	0,200	0,076	2,007	0,085	8,862	18,265
XFSE-0218	-S02	2,187	55,55	2,048	0,200	0,076	2,069	0,085	9,121	18,798
XFSE-0225	-S02	2,250	57,15	2,110	0,200	0,076	2,132	0,085	9,384	19,340
XFSE-0231	-S02	2,312	58,72	2,171	0,200	0,076	2,194	0,085	9,642	19,873
XFSE-0237	-S02	2,375	60,33	2,226	0,200	0,076	2,257	0,085	9,905	20,414
XFSE-0243	-S02	2,437	61,90	2,296	0,200	0,076	2,319	0,085	10,163	20,947
XFSE-0250	-S02	2,500	63,50	2,357	0,200	0,076	2,382	0,085	10,426	21,488
XFSE-0256	-S02	2,562	65,07	2,415	0,200	0,095	2,444	0,104	10,685	26,252
XFSE-0262	-S02	2,625	66,68	2,486	0,200	0,095	2,507	0,104	10,947	26,898
XFSE-0268	-S02	2,687	68,25	2,537	0,200	0,095	2,569	0,104	11,206	27,533
XFSE-0275	-S02	2,750	69,85	2,607	0,200	0,095	2,632	0,104	11,469	28,179
XFSE-0281	-S02	2,812	71,42	2,665	0,200	0,095	2,694	0,104	11,727	28,814
XFSE-0287	-S02	2,875	73,03	2,727	0,200	0,095	2,757	0,104	11,990	29,460
XFSE-0293	-S02	2,937	74,60	2,789	0,200	0,095	2,819	0,104	12,249	30,095
XFSE-0300	-S02	3,000	76,20	2,852	0,200	0,095	2,882	0,104	12,511	30,740
XFSE-0306	-S02	3,062	77,77	2,916	0,200	0,095	2,944	0,104	12,770	31,376
XFSE-0312	-S02	3,125	79,38	2,955	0,237	0,095	2,987	0,104	15,242	32,021
XFSE-0318	-S02	3,187	80,95	3,016	0,237	0,095	3,049	0,104	15,544	32,657
XFSE-0325	-S02	3,250	82,55	3,079	0,237	0,095	3,112	0,104	15,851	33,302
XFSE-0331	-S02	3,312	84,12	3,140	0,248	0,115	3,174	0,124	16,154	39,088
XFSE-0337	-S02	3,375	85,73	3,203	0,248	0,115	3,237	0,124	16,461	39,831
XFSE-0343	-S02	3,437	87,30	3,264	0,248	0,115	3,299	0,124	16,763	40,563
XFSE-0350	-S02	3,500	88,90	3,326	0,248	0,115	3,362	0,124	17,071	41,307
XFSE-0356	-S02	3,562	90,47	3,378	0,248	0,115	3,424	0,124	17,373	42,038

¹ Based on a groove material yield strength of 45000 psi and a safety factor of 2.

² Based on a safety factor of 3.

³ Square edge wire.

* See page 99 for different End Types.

Constant Section Imperial Rings External Continued



TFC Part Number ³		Shaft Diameter		Ring			Groove		Thrust Capacity	
Carbon Steel	Add Suffix			Inside Diameter (in)	Radial Wall (in)	Thickness (in)	Diameter (in)	Width (in)	Groove Yield ¹ (lb)	Ring Shear ² (lb)
	302 SS	in	mm							
XFSE-0362	-S02	3,625	92,08	3,451	0,248	0,115	3,487	0,124	17,680	42,782
XFSE-0368	-S02	3,687	93,65	3,512	0,248	0,115	3,549	0,124	17,983	43,514
XFSE-0375	-S02	3,750	95,25	3,570	0,248	0,115	3,612	0,124	18,290	44,257
XFSE-0381	-S02	3,812	96,82	3,636	0,248	0,115	3,674	0,124	18,592	44,989
XFSE-0387	-S02	3,875	98,43	3,689	0,248	0,115	3,737	0,124	18,900	45,732
XFSE-0393	-S02	3,937	100,00	3,760	0,248	0,115	3,799	0,124	19,202	46,464
XFSE-0400	-S02	4,000	101,60	3,828	0,248	0,115	3,862	0,124	19,509	47,208
XFSE-0412	-S02	4,125	104,78	3,930	0,265	0,153	3,967	0,163	23,035	62,126
XFSE-0425	-S02	4,250	107,95	4,050	0,265	0,153	4,092	0,163	23,733	64,008
XFSE-0437	-S02	4,375	111,13	4,174	0,265	0,153	4,217	0,163	24,431	65,891
XFSE-0450	-S02	4,500	114,30	4,297	0,265	0,153	4,342	0,163	25,129	67,774
XFSE-0462	-S02	4,625	117,48	4,421	0,265	0,153	4,467	0,163	25,827	69,656
XFSE-0475	-S02	4,750	120,65	4,530	0,265	0,153	4,592	0,163	26,525	71,539
XFSE-0487	-S02	4,875	123,83	4,668	0,265	0,153	4,717	0,163	27,223	73,421
XFSE-0500	-S02	5,000	127,00	4,792	0,265	0,153	4,842	0,163	27,921	75,304
XFSE-0525	-S02	5,250	133,35	5,039	0,265	0,153	5,092	0,163	29,317	79,069
XFSE-0550	-S02	5,500	139,70	5,292	0,265	0,153	5,342	0,163	30,713	82,834
XFSE-0575	-S02	5,750	146,05	5,535	0,265	0,153	5,592	0,163	32,109	86,599
XFSE-0600	-S02	6,000	152,40	5,744	0,316	0,153	5,804	0,163	41,563	90,365
XFSE-0625	-S02	6,250	158,75	5,992	0,316	0,153	6,054	0,163	43,295	94,130
XFSE-0650	-S02	6,500	165,10	6,236	0,316	0,153	6,304	0,163	45,027	97,895
XFSE-0675	-S02	6,750	171,45	6,486	0,316	0,153	6,554	0,163	46,759	101,727
XFSE-0700	-S02	7,000	177,80	6,734	0,316	0,153	6,804	0,163	48,490	105,494
XFSE-0725	-S02	7,250	184,15	6,993	0,316	0,153	7,054	0,163	50,222	109,262
XFSE-0750	-S02	7,500	190,50	7,219	0,316	0,153	7,304	0,163	51,954	113,030
XFSE-0775	-S02	7,750	196,85	7,477	0,316	0,153	7,554	0,163	53,686	116,797
XFSE-0800	-S02	8,000	203,20	7,683	0,435	0,192	7,764	0,203	66,727	142,932
XFSE-0825	-S02	8,250	209,55	7,940	0,435	0,192	8,014	0,203	68,813	147,399
XFSE-0850	-S02	8,500	215,90	8,179	0,435	0,192	8,264	0,203	70,898	151,866
XFSE-0875	-S02	8,750	222,25	8,427	0,435	0,192	8,514	0,203	72,983	156,332
XFSE-0900	-S02	9,000	228,60	8,673	0,435	0,192	8,764	0,203	75,068	160,799
XFSE-0925	-S02	9,250	234,95	8,922	0,435	0,192	9,014	0,203	77,154	165,265
XFSE-0950	-S02	9,500	241,30	9,130	0,435	0,192	9,240	0,203	87,297	169,732
XFSE-0975	-S02	9,750	247,65	9,393	0,435	0,192	9,490	0,203	89,594	174,199
XFSE-1000	-S02	10,000	254,00	9,586	0,500	0,192	9,686	0,203	110,977	178,665
XFSE-1025	-S02	10,250	260,35	9,826	0,500	0,192	9,936	0,203	113,751	183,132
XFSE-1050	-S02	10,500	266,70	10,081	0,500	0,192	10,186	0,203	116,526	187,599
XFSE-1075	-S02	10,750	273,05	10,329	0,500	0,192	10,436	0,203	119,300	192,065
XFSE-1100	-S02	11,000	279,40	10,584	0,500	0,192	10,686	0,203	122,074	196,532

¹ Based on a groove material yield strength of 45000 psi and a safety factor of 2.² Based on a safety factor of 3.³ Square edge wire.

* See page 99 for different End Types.