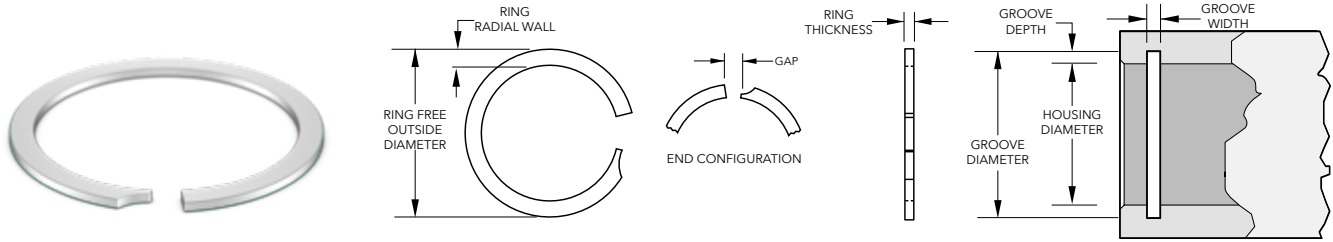




XFH Series

Constant Section Rings Internal

*Groove compatible with DIN 472



Product Dimensions: All dimensions in millimeters unless otherwise specified.

TFC Part Number ³		Housing Diameter		Ring			Groove		Thrust Capacity	
Carbon Steel	Add Suffix	mm	in	Outside Diameter (mm)	Radial Wall (mm)	Thickness (mm)	Diameter (mm)	Width (mm)	Groove Yield ¹ (N)	Ring Shear ² (N)
	302 SS									
XFH-013	-S02	13,00	0,512	13,73	1,40	0,94	13,60	1,10	1,931	10,591
XFH-014	-S02	14,00	0,551	14,74	1,40	0,94	14,60	1,10	2,077	11,396
XFH-015	-S02	15,00	0,591	15,85	1,40	0,94	15,70	1,10	2,602	12,224
XFH-016	-S02	16,00	0,630	16,90	1,65	0,94	16,80	1,10	3,172	13,029
XFH-017	-S02	17,00	0,669	17,97	1,65	0,94	17,80	1,10	3,367	13,838
XFH-018	-S02	18,00	0,709	19,18	1,90	0,94	19,00	1,10	4,457	14,666
XFH-019	-S02	19,00	0,748	20,25	1,90	0,94	20,00	1,10	4,702	15,471
XFH-020	-S02	20,00	0,787	21,20	1,90	0,94	21,00	1,10	4,951	16,276
XFH-021	-S02	21,00	0,827	22,21	1,90	0,94	22,00	1,10	5,200	17,103
XFH-022	-S02	22,00	0,866	23,22	1,90	0,94	23,00	1,10	5,445	17,913
XFH-023	-S02	23,00	0,906	24,23	1,90	0,94	24,00	1,10	5,698	18,736
XFH-024	-S02	24,00	0,945	25,40	2,15	1,15	25,20	1,30	6,539	23,927
XFH-025	-S02	25,00	0,984	26,45	2,15	1,15	26,20	1,30	6,806	24,914
XFH-026	-S02	26,00	1,024	27,46	2,15	1,15	27,20	1,30	7,082	25,929
XFH-027	-S02	27,00	1,063	28,47	2,38	1,15	28,20	1,30	7,353	26,916
XFH-028	-S02	28,00	1,102	29,68	2,38	1,15	29,40	1,30	9,702	27,904
XFH-029	-S02	29,00	1,142	30,69	2,38	1,15	30,40	1,30	10,053	28,918
XFH-030	-S02	30,00	1,181	31,79	2,38	1,15	31,40	1,30	10,395	29,905
XFH-031	-S02	31,00	1,220	33,01	2,38	1,15	32,70	1,30	12,660	30,893
XFH-032	-S02	32,00	1,260	33,93	2,38	1,15	33,70	1,30	13,073	31,907
XFH-033	-S02	33,00	1,299	35,03	2,38	1,15	34,70	1,30	13,478	32,895
XFH-034	-S02	34,00	1,339	36,04	3,25	1,44	35,70	1,60	13,892	40,319
XFH-035	-S02	35,00	1,378	37,35	3,25	1,44	37,00	1,60	16,899	41,493
XFH-036	-S02	36,00	1,417	38,36	3,25	1,44	38,00	1,60	17,375	42,663
XFH-037	-S02	37,00	1,457	39,37	3,25	1,44	39,00	1,60	17,869	43,868
XFH-038	-S02	38,00	1,496	40,44	3,25	1,44	40,00	1,60	18,344	45,043
XFH-040	-S02	40,00	1,575	42,86	4,01	1,69	42,50	1,85	24,265	55,621
XFH-041	-S02	41,00	1,614	43,91	4,01	1,69	43,50	1,85	24,866	56,995
XFH-042	-S02	42,00	1,654	44,92	4,01	1,69	44,50	1,85	25,484	58,410
XFH-045	-S02	45,00	1,772	47,88	4,01	1,69	47,50	1,85	27,303	62,578
XFH-047	-S02	47,00	1,850	49,97	4,01	1,69	49,50	1,85	28,504	65,331
XFH-048	-S02	48,00	1,890	50,98	4,01	1,69	50,50	1,85	29,118	66,741
XFH-050	-S02	50,00	1,969	53,50	5,08	1,93	53,00	2,15	36,529	75,282
XFH-051	-S02	51,00	2,008	54,43	5,08	1,93	54,00	2,15	37,249	76,776
XFH-052	-S02	52,00	2,047	55,52	5,08	1,93	55,00	2,15	37,974	78,266
XFH-055	-S02	55,00	2,165	58,55	5,08	1,93	58,00	2,15	40,163	82,777
XFH-056	-S02	56,00	2,205	59,56	5,08	1,93	59,00	2,15	40,906	84,307
XFH-057	-S02	57,00	2,244	60,68	5,08	1,93	60,00	2,15	41,631	85,797
XFH-058	-S02	58,00	2,283	61,58	5,08	1,93	61,00	2,15	42,352	87,287
XFH-060	-S02	60,00	2,362	63,60	5,08	1,93	63,00	2,15	43,819	90,308
XFH-062	-S02	62,00	2,441	65,58	5,08	1,93	65,00	2,15	45,283	93,328
XFH-063	-S02	63,00	2,480	66,63	5,08	1,93	66,00	2,15	46,008	94,823
XFH-064	-S02	64,00	2,520	67,64	5,08	2,41	67,00	2,65	46,751	114,742
XFH-065	-S02	65,00	2,559	68,70	5,08	2,41	68,00	2,65	47,471	116,517
XFH-067	-S02	67,00	2,638	70,54	5,08	2,41	70,00	2,65	48,939	120,115
XFH-068	-S02	68,00	2,677	71,84	5,08	2,41	71,00	2,65	49,660	121,890
XFH-070	-S02	70,00	2,756	73,64	5,08	2,41	73,00	2,65	51,128	125,489
XFH-072	-S02	72,00	2,835	75,72	5,08	2,41	75,00	2,65	52,591	129,083
XFH-075	-S02	75,00	2,953	78,75	5,08	2,41	78,00	2,65	54,780	134,456
XFH-076	-S02	76,00	2,992	79,88	5,08	2,41	79,00	2,65	55,505	136,231

¹ Based on a groove material yield strength of 310 N/mm² and a safety factor of 2.

² Based on a safety factor of 3.

³ Square edge wire.

* Contact TFC for details/information on how to order parts to be in compliance with this specification.

Constant Section Rings Internal Continued



TFC Part Number ³		Housing Diameter		Ring			Groove		Thrust Capacity			
Carbon Steel	Add Suffix	mm	in	Outside Diameter (mm)	Radial Wall (mm)	Thickness (mm)	Diameter (mm)	Width (mm)	Groove Yield ¹ (N)	Ring Shear ² (N)		
	302 SS											
XFH-078	-S02	78,00	3,071	81,73	+0,76/-0,00	5,08	2,41	81,00	2,65	+0,14/-0,00	56,968	139,830
XFH-080	-S02	80,00	3,150	84,30		6,02	2,41	83,50	2,65		68,342	143,428
XFH-082	-S02	82,00	3,228	86,32		6,02	2,41	85,50	2,65		70,033	146,978
XFH-085	-S02	85,00	3,346	89,35		6,30	2,91	88,50	3,15		72,595	175,046
XFH-088	-S02	88,00	3,465	92,38		6,30	2,91	91,50	3,15		75,175	181,269
XFH-090	-S02	90,00	3,543	94,70		6,30	2,91	93,50	3,15		76,865	185,353
XFH-092	-S02	92,00	3,622	96,50		6,30	2,91	95,50	3,15		78,582	189,485
XFH-095	-S02	95,00	3,740	99,62		6,30	2,91	98,50	3,15		81,140	195,659
XFH-098	-S02	98,00	3,858	102,71	+0,89/-0,00	6,30	2,91	101,50	3,15		83,702	201,829
XFH-100	-S02	100,00	3,937	104,50		6,30	2,91	103,50	3,15		85,415	205,962
XFH-102	-S02	102,00	4,016	107,27		6,73	3,89	106,00	4,15		87,127	269,224
XFH-105	-S02	105,00	4,134	109,96		6,73	3,89	109,00	4,15		102,687	277,133
XFH-108	-S02	108,00	4,252	113,09		6,73	3,89	112,00	4,15		105,619	285,042
XFH-110	-S02	110,00	4,331	115,10		6,73	3,89	114,00	4,15		107,580	290,340
XFH-112	-S02	112,00	4,409	117,12		6,73	3,89	116,00	4,15		109,520	295,567
XFH-115	-S02	115,00	4,528	120,15		6,73	3,89	119,00	4,15		112,473	303,547
XFH-120	-S02	120,00	4,724	125,60		6,73	3,89	124,00	4,15		117,344	316,687
XFH-125	-S02	125,00	4,921	130,25	+1,30/-0,00	6,73	3,89	129,00	4,15		122,237	329,893
XFH-127	-S02	127,00	5,000	132,27		6,73	3,89	131,00	4,15		124,199	335,187
XFH-130	-S02	130,00	5,118	135,30		6,73	3,89	134,00	4,15		127,130	343,096
XFH-135	-S02	135,00	5,315	140,35		6,73	3,89	139,00	4,15		132,023	356,303
XFH-140	-S02	140,00	5,512	145,26		6,73	3,89	144,00	4,15		136,916	369,509
XFH-145	-S02	145,00	5,709	150,45		6,73	3,89	149,00	4,15		141,809	382,716
XFH-150	-S02	150,00	5,906	156,50		8,03	3,89	155,00	4,15		181,986	395,923
XFH-155	-S02	155,00	6,102	161,55		8,03	3,89	160,00	4,15		188,026	409,063
XFH-160	-S02	160,00	6,299	166,60		8,03	3,89	165,00	4,15		194,094	422,270
XFH-165	-S02	165,00	6,496	171,70		8,03	3,89	170,00	4,15		200,166	435,476
XFH-170	-S02	170,00	6,693	176,70	+1,40/-0,00	8,03	3,89	175,00	4,15	+0,18/-0,00	206,237	448,683
XFH-175	-S02	175,00	6,890	181,75		8,03	3,89	180,00	4,15		212,305	461,890
XFH-180	-S02	180,00	7,087	186,80		8,03	3,89	185,00	4,15		218,377	475,097
XFH-185	-S02	185,00	7,283	191,85		8,03	3,89	190,00	4,15		224,417	488,232
XFH-190	-S02	190,00	7,480	197,15		8,03	3,89	195,00	4,15		230,489	501,439
XFH-195	-S02	195,00	7,677	201,95		8,03	3,89	200,00	4,15		236,556	514,646
XFH-200	-S02	200,00	7,874	207,00		8,03	3,89	205,00	4,15		242,628	527,853
XFH-210	-S02	210,00	8,268	217,93	+1,78/-0,00	9,48	4,87	216,00	5,15	+0,72/-0,00	306,763	657,096
XFH-220	-S02	220,00	8,661	228,20		9,48	4,87	226,00	5,15		321,344	688,327
XFH-230	-S02	230,00	9,055	238,30		9,48	4,87	236,00	5,15		335,961	719,638
XFH-240	-S02	240,00	9,449	248,40		9,48	4,87	246,00	5,15		350,578	750,953
XFH-250	-S02	250,00	9,843	258,50		9,48	4,87	256,00	5,15		365,199	782,264
XFH-260	-S02	260,00	10,236	270,77		11,05	4,87	268,00	5,15		505,300	813,500
XFH-270	-S02	270,00	10,630	280,70		11,05	4,87	278,00	5,15		524,748	844,811
XFH-280	-S02	280,00	11,024	290,57	+3,05/-0,00	11,05	4,87	288,00	5,15		544,200	876,126
XFH-290	-S02	290,00	11,417	300,90		11,05	4,87	298,00	5,15		563,599	907,357
XFH-300	-S02	300,00	11,811	311,00		11,05	4,87	308,00	5,15		583,051	938,673

¹ Based on a groove material yield strength of 310 N/mm² and a safety factor of 2.² Based on a safety factor of 3.³ Square edge wire.

* Contact TFC for details/information on how to order parts to be in compliance with this specification.