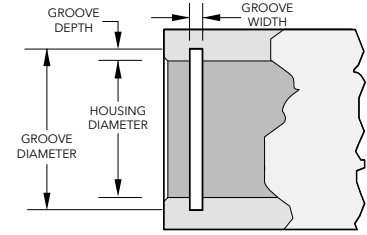
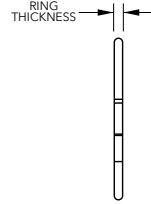
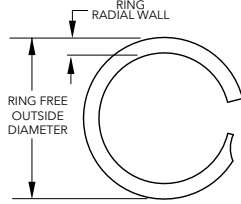




XVHM Series

Spirolox® Light Duty Rings Internal



Product Dimensions: All dimensions in millimeters unless otherwise specified.

TFC Part Number			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	316 SS									
XVHM-6 ^{3,4}	-S02	-S16	6,00	0,236	6,35	0,51	0,30	6,30	0,38	439	1,988
XVHM-7 ^{3,4}	-S02	-S16	7,00	0,276	7,38	0,51	0,30	7,32	0,38	546	2,320
XVHM-8 ^{3,4}	-S02	-S16	8,00	0,315	8,44	0,64	0,38	8,36	0,46	702	3,183
XVHM-9 ^{3,4}	-S02	-S16	9,00	0,354	9,54	0,76	0,38	9,46	0,46	1,003	3,580
XVHM-10 ^{3,4}	-S02	-S16	10,00	0,394	10,58	0,76	0,38	10,50	0,46	1,238	3,978
XVHM-11 ^{3,4}	-S02	-S16	11,00	0,433	11,68	0,89	0,38	11,60	0,46	1,634	4,388
XVHM-12 ⁴	-S02	-S16	12,00	0,472	12,74	0,89	0,38	12,66	0,46	1,930	4,774
XVHM-13	-S02	-S16	13,00	0,512	13,80	1,14	0,46	13,72	0,56	2,281	6,261
XVHM-14	-S02	-S16	14,00	0,551	14,80	1,14	0,46	14,72	0,56	2,456	6,742
XVHM-15	-S02	-S16	15,00	0,591	15,80	1,14	0,46	15,72	0,56	2,632	7,224
XVHM-16	-S02	-S16	16,00	0,630	16,80	1,14	0,46	16,72	0,56	2,807	7,705
XVHM-17	-S02	-S16	17,00	0,669	17,82	1,14	0,46	17,72	0,56	2,983	8,187
XVHM-18	-S02	-S16	18,00	0,709	18,82	1,14	0,46	18,72	0,56	3,158	8,669
XVHM-19	-S02	-S16	19,00	0,748	19,86	1,14	0,46	19,76	0,56	3,519	9,150
XVHM-20	-S02	-S16	20,00	0,787	21,26	1,65	0,53	21,06	0,66	5,166	11,097
XVHM-21	-S02	-S16	21,00	0,827	22,27	1,65	0,53	22,06	0,66	5,424	11,652
XVHM-22	-S02	-S16	22,00	0,866	23,28	1,65	0,53	23,06	0,66	5,683	12,207
XVHM-24	-S02	-S16	24,00	0,945	25,29	1,65	0,53	25,06	0,66	6,199	13,317
XVHM-25	-S02	-S16	25,00	0,984	26,30	1,65	0,53	26,06	0,66	6,458	13,872
XVHM-26	-S02	-S16	26,00	1,024	27,31	1,65	0,53	27,06	0,66	6,716	14,427
XVHM-28	-S02	-S16	28,00	1,102	29,40	2,24	0,64	29,12	0,79	7,642	16,303
XVHM-29	-S02	-S16	29,00	1,142	30,41	2,24	0,64	30,12	0,79	7,915	16,885
XVHM-30	-S02	-S16	30,00	1,181	31,42	2,24	0,64	31,12	0,79	8,188	17,467
XVHM-31	-S02	-S16	31,00	1,220	32,43	2,24	0,64	32,12	0,79	8,461	18,049
XVHM-32	-S02	-S16	32,00	1,260	33,44	2,24	0,64	33,12	0,79	8,734	18,632
XVHM-34	-S02	-S16	34,00	1,339	35,45	2,24	0,64	35,12	0,79	9,279	19,796
XVHM-35	-S02	-S16	35,00	1,378	36,47	2,24	0,64	36,12	0,79	9,552	20,378
XVHM-36	-S02	-S16	36,00	1,417	37,48	2,24	0,64	37,12	0,79	9,825	20,960
XVHM-37	-S02	-S16	37,00	1,457	38,49	2,24	0,64	38,12	0,79	10,098	21,543
XVHM-38	-S02	-S16	38,00	1,496	39,50	2,24	0,64	39,12	0,79	10,371	22,125
XVHM-40	-S02	-S16	40,00	1,575	41,94	3,00	0,79	41,48	0,99	14,426	28,748
XVHM-42	-S02	-S16	42,00	1,654	43,96	3,00	0,79	43,48	0,99	15,147	30,185
XVHM-45	-S02	-S16	45,00	1,772	46,99	3,00	0,79	46,48	0,99	16,229	32,341
XVHM-47	-S02	-S16	47,00	1,850	49,00	3,00	0,79	48,48	0,99	16,950	33,779
XVHM-48	-S02	-S16	48,00	1,890	50,01	3,00	0,79	49,48	0,99	17,311	34,497
XVHM-50	-S02	-S16	50,00	1,969	52,04	3,00	0,79	51,48	0,99	18,032	35,935
XVHM-52	-S02	-S16	52,00	2,047	54,55	4,01	0,79	53,94	0,99	24,583	37,372
XVHM-55	-S02	-S16	55,00	2,165	57,57	4,01	0,79	56,94	0,99	26,001	39,528
XVHM-56	-S02	-S16	56,00	2,205	58,58	4,01	0,79	57,94	0,99	26,473	40,247
XVHM-58	-S02	-S16	58,00	2,283	60,60	4,01	0,79	59,94	0,99	27,419	41,684
XVHM-60	-S02	-S16	60,00	2,362	62,64	4,01	0,79	61,94	0,99	28,364	43,122
XVHM-62	-S02	-S16	62,00	2,441	64,67	4,01	0,79	63,94	0,99	29,310	44,559
XVHM-63	-S02	-S16	63,00	2,480	65,69	4,01	0,79	64,94	0,99	29,783	45,278
XVHM-65	-S02	-S16	65,00	2,559	67,70	4,01	0,79	66,94	0,99	30,728	46,715
XVHM-68	-S02	-S16	68,00	2,677	70,72	4,01	0,79	69,94	0,99	32,146	48,871
XVHM-70	-S02	-S16	70,00	2,756	72,74	4,01	0,79	71,94	0,99	33,092	50,309
XVHM-72	-S02	-S16	72,00	2,835	74,77	4,01	0,79	73,94	0,99	34,037	51,746
XVHM-75	-S02	-S16	75,00	2,953	77,80	4,01	0,79	76,94	0,99	35,456	53,902
XVHM-78	-S02	-S16	78,00	3,071	81,20	4,78	0,99	80,34	1,12	44,477	70,250
XVHM-80	-S02	-S16	80,00	3,150	83,23	4,78	0,99	82,34	1,12	45,617	72,052

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 No removal notch.

⁴ Square edge wire.



TFC Part Number			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	316 SS									
XVHM-82	-S02	-S16	82,00	3,228	85,25	4,78	0,99	84,34	1,12	46,757	73,853
XVHM-85	-S02	-S16	85,00	3,346	88,29	4,78	0,99	87,34	1,12	48,468	76,555
XVHM-88	-S02	-S16	88,00	3,465	91,32	4,78	0,99	90,34	1,12	50,179	79,257
XVHM-90	-S02	-S16	90,00	3,543	93,36	4,78	0,99	92,34	1,12	51,319	81,058
XVHM-92	-S02	-S16	92,00	3,622	95,37	4,78	0,99	94,34	1,12	52,460	82,859
XVHM-95	-S02	-S16	95,00	3,740	98,39	4,78	0,99	97,34	1,12	54,170	85,561
XVHM-98	-S02	-S16	98,00	3,858	101,41	4,78	0,99	100,34	1,12	55,881	88,263
XVHM-100	-S02	-S16	100,00	3,937	103,43	4,78	0,99	102,34	1,12	57,021	90,064
XVHM-102	-S02	-S16	102,00	4,016	105,44	4,78	0,99	104,34	1,12	58,162	91,866
XVHM-105	-S02	-S16	105,00	4,134	108,92	5,72	1,17	107,80	1,32	71,642	106,440
XVHM-110	-S02	-S16	110,00	4,331	113,98	5,72	1,17	112,80	1,32	75,054	111,508
XVHM-112	-S02	-S16	112,00	4,409	116,01	5,72	1,17	114,80	1,32	76,418	113,536
XVHM-115	-S02	-S16	115,00	4,528	119,12	5,72	1,17	117,88	1,32	80,707	116,577
XVHM-120	-S02	-S16	120,00	4,724	124,30	5,72	1,17	123,00	1,32	87,725	121,645
XVHM-125	-S02	-S16	125,00	4,921	129,47	5,72	1,17	128,12	1,32	95,036	126,714
XVHM-130	-S02	-S16	130,00	5,118	134,66	5,72	1,17	133,26	1,32	103,272	131,783
XVHM-135	-S02	-S16	135,00	5,315	139,83	5,72	1,55	138,38	1,70	111,192	181,299
XVHM-140	-S02	-S16	140,00	5,512	145,00	5,72	1,55	143,50	1,70	119,404	188,013
XVHM-145	-S02	-S16	145,00	5,709	150,17	5,72	1,55	148,62	1,70	127,974	194,907
XVHM-150	-S02	-S16	150,00	5,906	155,30	6,73	1,55	153,76	1,70	137,436	201,443
XVHM-155	-S02	-S16	155,00	6,102	160,46	6,73	1,55	158,88	1,70	146,361	208,158
XVHM-160	-S02	-S16	160,00	6,299	165,64	6,73	1,55	164,00	1,70	155,956	214,872
XVHM-165	-S02	-S16	165,00	6,496	170,82	6,73	1,55	169,11	1,70	165,855	221,587
XVHM-170	-S02	-S16	170,00	6,693	175,99	6,73	1,55	174,25	1,70	176,059	228,302
XVHM-175	-S02	-S16	175,00	6,890	181,17	6,73	1,55	179,38	1,70	186,568	235,017
XVHM-180	-S02	-S16	180,00	7,087	186,35	6,73	1,55	184,50	1,70	197,381	241,731
XVHM-185	-S02	-S16	185,00	7,283	191,52	6,73	1,55	189,63	1,70	208,499	248,446
XVHM-190	-S02	-S16	190,00	7,480	196,70	6,73	1,55	194,75	1,70	219,922	255,161
XVHM-195	-S02	-S16	195,00	7,677	201,87	7,62	1,55	199,88	1,70	231,649	261,876
XVHM-200	-S02	-S16	200,00	7,874	207,05	7,62	1,55	205,00	1,70	243,681	268,590
XVHM-210	-S02	-S16	210,00	8,268	217,40	7,62	1,55	215,25	1,70	268,658	282,020
XVHM-220	-S02	-S16	220,00	8,661	227,76	8,76	1,93	225,50	2,08	294,854	367,882
XVHM-230	-S02	-S16	230,00	9,055	238,11	8,76	1,93	235,75	2,08	322,268	384,604
XVHM-240	-S02	-S16	240,00	9,449	248,46	8,76	1,93	246,00	2,08	350,900	401,326
XVHM-250	-S02	-S16	250,00	9,843	258,81	8,76	1,93	256,25	2,08	380,751	418,048
XVHM-260	-S02	-S16	260,00	10,236	269,17	9,65	1,93	266,50	2,08	411,821	434,770
XVHM-270	-S02	-S16	270,00	10,630	279,52	9,65	1,93	276,75	2,08	444,108	451,492
XVHM-280	-S02	-S16	280,00	11,024	289,87	9,65	1,93	287,00	2,08	477,614	468,214
XVHM-290	-S02	-S16	290,00	11,417	300,22	9,65	1,93	297,25	2,08	512,339	484,936
XVHM-300	-S02	-S16	300,00	11,811	310,58	9,65	1,93	307,50	2,08	548,282	501,658

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.