

Bike Space Converter

Semi Vertical Rack		X Semi Vertical Rack		Vertical Rack (HL)		Vertical Rack (LL)		Sheffield Stand		Sheffield Stand (45°)		Single-sided Optima Two Tier Rack		Toast Rack	
Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required
2	915	4	1068	1	700	1	700	2	800	2	1416	6	1500	4	1632
3	1220	5	1220	2	1050	2	1400	4	1600	4	2548	8	1875	6	2414
4	1525	6	1373	3	1400	3	2100	6	2400	6	3680	10	2250	8	3196
5	1830	7	1525	4	1750	4	2800	8	3200	8	4812	12	2625	10	3978
6	2135	8	1678	5	2100	5	3500	10	4000	10	5944	14	3000	12	4760
7	2440	9	1830	6	2450	6	4200	12	4800	12	7076	16	3375	14	5542
8	2745	10	1983	7	2800	7	4900	14	5600	14	8208	18	3750	16	6324
9	3050	11	2135	8	3150	8	5600	16	6400	16	9340	20	4125	18	7106
10	3355	12	2288	9	3500	9	6300	18	7200	18	10472	22	4500	20	7888
11	3600	13	2440	10	3850	10	7000	20	8000	20	11604	24	4875	22	8670
12	3965	14	2593	11	4200	11	7700	22	8800	22	12736	26	5250	24	9452
13	4270	15	2745	12	4550	12	8400	24	9600	24	13868	28	5625	26	10234
14	4575	16	2898	13	4900	13	9100	26	10400	26	15000	30	6000	28	11016
15	4880	17	3050	14	5250	14	9800	28	11200	28	16132	32	6375	30	11798
16	5185	18	3203	15	5600	15	10500	30	12000	30	17264	34	6750	32	12580
17	5490	19	3355	16	5950	16	11200	32	12800	32	18396	36	7125	34	13362
18	5795	20	3508	17	6300	17	11900	34	13600	34	19528	38	7500	36	14144
19	6100	21	3660	18	6650	18	12600	36	14400	36	20660	40	7875	38	14926
20	6405	22	3813	19	7000	19	13300	38	15200	38	21792	42	8250	40	15709
21	6710	23	3965	20	7350	20	14000	40	16000	40	22924	44	8625	42	16490
22	7015	24	4118	21	7700	21	14700	42	16800	42	24056	46	9000	44	17272
23	7320	25	4270	22	8050	22	15400	44	17600	44	25188	48	9375	46	18054
24	7625	26	4423	23	8400	23	16100	46	18400	46	26320	50	9750	48	18836
25	7930	27	4575	24	8750	24	16800	48	19200	48	27452	52	10125	50	9618
26	8235	28	4728	25	9100	25	17500	50	20000	50	28584	54	10500	52	20400
27	8540	29	4880	26	9450	26	18200	52	20800	52	29716	56	10875	54	21182
28	8845	30	5033	27	9800	27	18900	54	21600	54	30848	58	11250	56	21964
29	9150	31	5185	28	10150	28	19600	56	22400	56	31980	60	11625	58	22746
30	9455	32	5338	29	10500	29	20300	58	23200	58	33112	62	12000	60	3528
31	9760	33	5490	30	10850	30	21000	60	24000	60	34244	64	12375	62	24310

All dimensions are in millimeters*

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Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required	Number of Spaces	Distance Required
2	36	4	42	1	27 1/16	1	27 1/16	2	31 1/2	2	55 3/4	6	59 1/16	4	64 1/4
3	48 1/16	5	48 1/16	2	41 5/16	2	55 1/8	4	63	4	100 5/16	8	73 13/16	6	95 1/16
4	60 1/16	6	54 1/16	3	55 1/8	3	82 1 1/16	6	94 1/2	6	144 7/8	10	88 9/16	8	125 13/16
5	71 1/16	7	60 1/16	4	68 7/8	4	110 1/4	8	126	8	189 7/16	12	103 3/8	10	156 5/8
6	84 1/16	8	66 1/16	5	82 1 1/16	5	137 13/16	10	157 1/2	10	234	14	118 1/8	12	187 3/8
7	96 1/16	9	72 1/16	6	96 7/16	6	165 3/8	12	189	12	278 1/16	16	132 7/8	14	218 3/16
8	108 1/16	10	78 1/16	7	110 1/4	7	192 15/16	14	220 1/2	14	323 1/8	18	147 5/8	16	249
9	120 1/16	11	84 1/16	8	124	8	220 1/2	16	252	16	367 1 1/16	20	162 3/8	18	279 3/4
10	132 1/16	12	90 1/16	9	137 13/16	9	248 1/16	18	283 1/2	18	412 5/16	22	177 3/16	20	310 1/16
11	144 1/8	13	96 1/16	10	151 1/16	10	275 1/16	20	315	20	456 7/8	24	191 15/16	22	341 1/16
12	156 1/8	14	102 1/16	11	165 3/8	11	303 1/8	22	346 1/2	22	501 7/16	26	206 1 1/16	24	372 1/8
13	168 1/8	15	108 1/16	12	179 1/8	12	330 1 1/16	24	378	24	546	28	221 7/16	26	402 15/16
14	180 1/8	16	114 1/16	13	192 15/16	13	358 1/4	26	409 1/2	26	590 1/16	30	236 1/4	28	433 1 1/16
15	192 1/8	17	120 1/16	14	206 1 1/16	14	385 13/16	28	441	28	635 1/8	32	251	30	464 1/2
16	204 1/8	18	126 1/16	15	220 1/2	15	413 3/8	30	472 1/2	30	679 1 1/16	34	265 3/4	32	495 1/4
17	216 1/8	19	132 1/16	16	234 1/4	16	440 15/16	32	504	32	724 1/4	36	280 1/2	34	526 1/16
18	228 1/8	20	138 1/16	17	248 1/16	17	468 1/2	34	535 1/2	34	768 13/16	38	295 1/4	36	556 7/8
19	240 3/16	21	144 1/8	18	261 13/16	18	496 1/16	36	567	36	813 3/8	40	310 1/16	38	587 5/8
20	252 3/16	22	150 1/8	19	275 1/16	19	523 5/8	38	598 1/2	38	857 15/16	42	324 13/16	40	618 7/16
21	264 3/16	23	156 1/8	20	289 3/8	20	551 3/16	40	630	40	902 1/2	44	339 1/16	42	649 3/16
22	276 3/16	24	162 1/8	21	303 1/8	21	578 3/4	42	661 1/2	42	947 1/16	46	354 5/16	44	680
23	288 3/16	25	168 1/8	22	316 15/16	22	606 5/16	44	693	44	991 5/8	48	369 1/8	46	710 13/16
24	300 3/16	26	174 1/8	23	330 1 1/16	23	633 7/8	46	724 1/2	46	1036 1/4	50	383 7/8	48	741 1/16
25	312 3/16	27	180 1/8	24	344 1/2	24	661 1/16	48	756	48	1080 13/16	52	398 5/8	50	772 3/8
26	324 3/16	28	186 1/8	25	358 1/4	25	689	50	787 1/2	50	1125 3/8	54	413 3/8	52	803 1/8
27	336 1/4	29	192 1/8	26	372 1/16	26	716 1/16	52	819	52	1169 15/16	56	428 1/8	54	833 15/16
28	348 1/4	30	198 1/8	27	385 13/16	27	744 1/8	54	850 1/2	54	1214 1/2	58	442 15/16	56	864 3/4
29	360 1/4	31	204 1/8	28	399 5/8	28	771 5/8	56	882	56	1259 1/16	60	457 1 1/16	58	895 1/2
30	372 1/4	32	210 1/8	29	413 3/8	29	799 3/16	58	913 1/2	58	1348 3/16	62	472 7/16	60	926 5/16
31	384 1/4	33	216 1/8	30	427 3/16	30	826 3/4	60	945	60	1348 3/16	64	487 3/16	62	957 1/16

All dimensions are in inches*