

# THE UNDER DECK FASTENING SYSTEM

How many pieces do I need for my deck?

## 24" o/c Joist Spacing

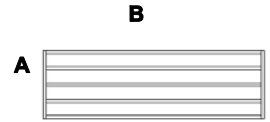
		B												
		6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'
A	6'	5	6	7	8	9	10	11	12	13	14	15	16	17
	8'	6	7	9	10	11	12	14	15	16	17	19	20	21
	10'	7	9	10	12	13	15	16	18	19	21	22	24	25
	12'	9	10	12	14	16	17	19	21	23	24	26	28	30
	14'	10	12	14	16	18	20	22	24	26	28	30	32	34
	16'	11	13	16	18	20	22	25	27	29	31	34	36	38
	18'	12	15	17	20	22	25	27	30	32	35	37	40	42
	20'	14	16	19	22	25	27	30	33	36	38	41	44	47
	22'	15	18	21	24	27	30	33	36	39	42	45	48	51
	24'	16	19	23	26	29	32	36	39	42	45	49	52	55
	26'	17	21	24	28	31	35	38	42	45	49	52	56	59
	28'	19	22	26	30	34	37	41	45	49	52	56	60	64
	30'	20	24	28	32	36	40	44	48	52	56	60	64	68



Please note: - Charts are based on 8' lengths, double amount for 4' lengths  
 - Splice & butt joints of deck boards require 1 track on each edge of joist

## 16" o/c Joist Spacing

		B												
		6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'
A	5'4"	6	7	8	9	11	12	13	14	16	17	18	19	21
	6'8"	7	8	10	11	13	14	16	17	19	20	22	23	25
	8'	8	9	11	13	15	16	18	20	22	23	25	27	29
	9'4"	9	11	13	15	17	19	21	23	25	27	29	31	33
	10'8"	10	12	14	17	19	21	23	26	28	30	32	35	37
	12'	11	13	16	18	21	23	26	28	31	33	36	38	41
	13' 4"	12	15	18	20	23	26	29	31	34	37	40	42	45
	14' 8"	13	16	19	22	25	28	31	34	37	40	43	46	49
	16'	14	17	21	24	27	30	34	37	40	43	47	50	53
	17' 4"	15	19	22	26	29	33	36	40	43	47	50	54	57
	18' 8"	16	20	24	28	31	35	39	43	46	50	54	58	61
	20'	17	21	25	29	33	37	41	45	49	53	57	61	65
	21' 4"	19	23	27	31	36	40	44	48	53	57	61	65	70
	22' 8"	20	24	29	33	38	42	47	51	56	60	65	69	74
	24'	21	25	30	35	40	44	49	54	59	63	68	73	78
	25' 4"	22	27	32	37	42	47	52	57	62	67	72	77	82
	26' 8"	23	28	33	39	44	49	54	60	65	70	75	81	86
	28'	24	29	35	40	46	51	57	62	68	73	79	84	90
	29' 4"	25	31	37	42	48	54	60	65	71	77	83	88	94
	30' 8"	26	32	38	44	50	56	62	68	74	80	86	92	98
32'	27	33	40	46	52	58	65	71	77	83	90	96	102	



Please note: - Charts are based on 8' lengths, double amount for 4' lengths  
 - Splice & butt joints of deck boards require 1 track on each edge of joist

**For an accurate calculation, use this formula...**

TOTAL ALL JOISTS IN FEET (Include all rim joists & Doubling up on splice/butt joints) AND **DIVIDE BY 8' = # OF 8' SHADOE® TRACK PIECES**  
 ie: 264' divided by 8' = 33 pieces