

Reed Size/Sett Substitution Chart

How to use the chart: First In the top row, find the reed size you own. Then, find your desired epi (ends per inch.) Follow that row to the left-most column to get the order in which you should sley your reed.

Order of sley	Reed Size (dents per inch)						
	4	5	6	8	10	12	15
0-0-1	1.5	2	2	3	3	4	5
0-1	2	2.5	3	4	5	6	7.5
0-1-1	2.5	3	4	5	7	8	10
0-1-1-1	3	4	4.5	6	7.5	9	11.5
1	4	5	6	8	10	12	15
1-1-1-2	5	6	7.5	10	12.5	15	19
1-1-2	5.5	7	8	11	13	16	20
1-2	6	7.5	9	12	15	18	22.5
1-2-2	6.5	8	10	13	17	20	25
1-2-2-2	7	9	10.5	14	17.5	21	26
2	8	10	12	16	20	24	30
2-2-2-3	9	11	13.5	18	22.5	27	34
2-3	10	12.5	15	20	25	30	37.5
2-3-3	10.5	13	16	21	27	32	40
2-3-3-3	11	15	16.5	22	27.5	33	41
3	12	15	18	24	30	36	45
4	16	20	24	32	40	48	60

Warp Sett (ends per inch)

Example:

I have a 12 Dent reed but my project calls for 20 ends per inch. According to the chart, I need to slay my reed with 1 thread in the first dent, 2 threads in the next dent, and then 2 threads in the next dent. I would repeat this across my warp.

Order of sley	Reed Size (dents per inch)						
	4	5	6	8	10	12	15
0-0-1	1.5	2	2	3	3	4	5
0-1	2	2.5	3	4	5	6	7.5
0-1-1	2.5	3	4	5	7	8	10
0-1-1-1	3	4	4.5	6	7.5	9	11.5
1	4	5	6	8	10	12	15
1-1-1-2	5	6	7.5	10	12.5	15	19
1-1-2	5.5	7	8	11	13	16	20
1-2	6	7.5	9	12	15	18	22.5
1-2-2	6.5	8	10	13	17	20	25
1-2-2-2	7	9	10.5	14	17.5	21	26
2	8	10	12	16	20	24	30
2-2-2-3	9	11	13.5	18	22.5	27	34
2-3	10	12.5	15	20	25	30	37.5
2-3-3	10.5	13	16	21	27	32	40
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Warp Sett (ends per inch)