

# 27", 700C WHEEL GEAR CHART\*

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Rear Sprocket

	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	34	38
20	49.1	45.0	41.5	38.6	36.0	33.8	31.8	30.0	28.4	27.0	25.7	24.5	23.5	22.5	21.6	20.8	20.0	19.3	18.6	18.0	17.4	16.9	15.9	14.2
22	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8	24.8	23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	17.5	15.6
24	58.9	54.0	49.8	46.3	43.2	40.5	38.1	36.0	34.1	32.4	30.9	29.5	28.2	27.0	25.9	24.9	24.0	23.1	22.3	21.6	20.9	20.3	19.1	17.1
25	61.4	56.3	51.9	48.2	45.0	42.2	39.7	37.5	35.5	33.8	32.1	30.7	29.3	28.1	27.0	26.0	25.0	24.1	23.3	22.5	21.8	21.1	19.9	17.8
26	63.8	58.5	54.0	50.1	46.8	43.9	41.3	39.0	36.9	35.1	33.4	31.9	30.5	29.3	28.1	27.0	26.0	25.1	24.2	23.4	22.6	21.9	20.6	18.5
27	66.3	60.8	56.1	52.1	48.6	45.6	42.9	40.5	38.4	36.5	34.7	33.1	31.7	30.4	29.2	28.0	27.0	26.0	25.1	24.3	23.5	22.8	21.4	19.2
28	68.7	63.0	58.2	54.0	50.4	47.3	44.5	42.0	39.8	37.8	36.0	34.4	32.9	31.5	30.2	29.1	28.0	27.0	26.1	25.2	24.4	23.6	22.2	19.9
29	71.2	65.3	60.2	55.9	52.2	48.9	46.1	43.5	41.2	39.2	37.3	35.6	34.0	32.6	31.3	30.1	29.0	28.0	27.0	26.1	25.3	24.5	23.0	20.6
30	73.6	67.5	62.3	57.9	54.0	50.6	47.6	45.0	42.6	40.5	38.6	36.8	35.2	33.8	32.4	31.2	30.0	28.9	27.9	27.0	26.1	25.3	23.8	21.3
31	76.1	69.8	64.4	59.8	55.8	52.3	49.2	46.5	44.1	41.9	39.9	38.0	36.4	34.9	33.5	32.2	31.0	29.9	28.9	27.9	27.0	26.2	24.6	22.0
32	78.5	72.0	66.5	61.7	57.6	54.0	50.8	48.0	45.5	43.2	41.1	39.3	37.6	36.0	34.6	33.2	32.0	30.9	29.8	28.8	27.9	27.0	25.4	22.7
33	81.0	74.3	68.5	63.6	59.4	55.7	52.4	49.5	46.9	44.6	42.4	40.5	38.7	37.1	35.6	34.3	33.0	31.8	30.7	29.7	28.7	27.8	26.2	23.4
34	83.5	76.5	70.6	65.6	61.2	57.4	54.0	51.0	48.3	45.9	43.7	41.7	39.9	38.3	36.7	35.3	34.0	32.8	31.7	30.6	29.6	28.7	27.0	24.2
35	85.9	78.8	72.7	67.5	63.0	59.1	55.6	52.5	49.7	47.3	45.0	43.0	41.1	39.4	37.8	36.3	35.0	33.8	32.6	31.5	30.5	29.5	27.8	24.9
36	88.4	81.0	74.8	69.4	64.8	60.8	57.2	54.0	51.2	48.6	46.3	44.2	42.3	40.5	38.9	37.4	36.0	34.7	33.5	32.4	31.4	30.4	28.6	25.6
37	90.8	83.3	76.8	71.4	66.6	62.4	58.8	55.5	52.6	50.0	47.6	45.4	43.4	41.6	40.0	38.4	37.0	35.7	34.4	33.3	32.2	31.2	29.4	26.3
38	93.3	85.5	78.9	73.3	68.4	64.1	60.4	57.0	54.0	51.3	48.9	46.6	44.6	42.8	41.0	39.5	38.0	36.6	35.4	34.2	33.1	32.1	30.2	27.0
39	95.7	87.8	81.0	75.2	70.2	65.8	61.9	58.5	55.4	52.7	50.1	47.9	45.8	43.9	42.1	40.5	39.0	37.6	36.3	35.1	34.0	32.9	31.0	27.7
40	98.2	90.0	83.1	77.1	72.0	67.5	63.5	60.0	56.8	54.0	51.4	49.1	47.0	45.0	43.2	41.5	40.0	38.6	37.2	36.0	34.8	33.8	31.8	28.4
41	100.6	92.3	85.2	79.1	73.8	69.2	65.1	61.5	58.3	55.4	52.7	50.3	48.1	46.1	44.3	42.6	41.0	39.5	38.2	36.9	35.7	34.6	32.6	29.1
42	103.1	94.5	87.2	81.0	75.6	70.9	66.7	63.0	59.7	56.7	54.0	51.5	49.3	47.3	45.4	43.6	42.0	40.5	39.1	37.8	36.6	35.4	33.4	29.8
43	105.5	96.8	89.3	82.9	77.4	72.6	68.3	64.5	61.1	58.1	55.3	52.8	50.5	48.4	46.4	44.7	43.0	41.5	40.0	38.7	37.5	36.3	34.1	30.6
44	108.0	99.0	91.4	84.9	79.2	74.3	69.9	66.0	62.5	59.4	56.6	54.0	51.7	49.5	47.5	45.7	44.0	42.4	41.0	39.6	38.3	37.1	34.9	31.3
45	110.5	101.3	93.5	86.8	81.0	75.9	71.5	67.5	63.9	60.8	57.9	55.2	52.8	50.6	48.6	46.7	45.0	43.4	41.9	40.5	39.2	38.0	35.7	32.0
46	112.9	103.5	95.5	88.7	82.8	77.6	73.1	69.0	65.4	62.1	59.1	56.5	54.0	51.8	49.7	47.8	46.0	44.4	42.8	41.4	40.1	38.8	36.5	32.7
47	115.4	105.8	97.6	90.6	84.6	79.3	74.6	70.5	66.8	63.5	60.4	57.7	55.2	52.9	50.8	48.8	47.0	45.3	43.8	42.3	40.9	39.7	37.3	33.4
48	117.8	108.0	99.7	92.6	86.4	81.0	76.2	72.0	68.2	64.8	61.7	58.9	56.3	54.0	51.8	49.8	48.0	46.3	44.7	43.2	41.8	40.5	38.1	34.1
49	120.3	110.3	101.8	94.5	88.2	82.7	77.8	73.5	69.6	66.2	63.0	60.1	57.5	55.1	52.9	50.9	49.0	47.3	45.6	44.1	42.7	41.3	38.9	34.8
50	122.7	112.5	103.8	96.4	90.0	84.4	79.4	75.0	71.1	67.5	64.3	61.4	58.7	56.3	54.0	51.9	50.0	48.2	46.6	45.0	43.5	42.2	39.7	35.5
51	125.2	114.8	105.9	98.4	91.8	86.1	81.0	76.5	72.5	68.9	65.6	62.6	59.9	57.4	55.1	53.0	51.0	49.2	47.5	45.9	44.4	43.0	40.5	36.2
52	127.6	117.0	108.0	100.3	93.6	87.8	82.6	78.0	73.9	70.2	66.9	63.8	61.0	58.5	56.2	54.0	52.0	50.1	48.4	46.8	45.3	43.9	41.3	36.9
53	130.1	119.3	110.1	102.2	95.4	89.4	84.2	79.5	75.3	71.6	68.1	65.0	62.2	59.6	57.2	55.0	53.0	51.1	49.3	47.7	46.2	44.7	42.1	37.7
54	132.5	121.5	112.2	104.1	97.2	91.1	85.8	81.0	76.7	72.9	69.4	66.3	63.4	60.8	58.3	56.1	54.0	52.1	50.3	48.6	47.0	45.6	42.9	38.4
55	135.0	123.8	114.2	106.1	99.0	92.8	87.4	82.5	78.2	74.3	70.7	67.5	64.6	61.9	59.4	57.1	55.0	53.0	51.2	49.5	47.9	46.4	43.7	39.1
56	137.5	126.0	116.3	108.0	100.8	94.5	88.9	84.0	79.6	75.6	72.0	68.7	65.7	63.0	60.5	58.2	56.0	54.0	52.1	50.4	48.8	47.3	44.5	39.8

\* For 27" (686mm) tire outside diameter; gives diameter in inches of equivalent direct-drive wheel. Multiply by pi (3.14) to obtain distance traveled for one turn of the pedals (in inches).

Chainring (Front Sprocket)