

		18"X 1" (with 1" tires, 18" Inflated Diameter)																
		C H A I N W H E E L																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	48.0	49.5	51.0	52.5	54.0	55.5	57.0	58.5	60.0	61.5	63.0	64.5	66.0	67.5	69.0	70.5	72.0
	13	44.3	45.7	47.1	48.5	49.8	51.2	52.6	54.0	55.4	56.8	58.2	59.5	60.9	62.3	63.7	65.1	66.5
	14	41.1	42.4	43.7	45.0	46.3	47.6	48.9	50.1	51.4	52.7	54.0	55.3	56.6	57.9	59.1	60.4	61.7
	15	38.4	39.6	40.8	42.0	43.2	44.4	45.6	46.8	48.0	49.2	50.4	51.6	52.8	54.0	55.2	56.4	57.6
	16	36.0	37.1	38.3	39.4	40.5	41.6	42.8	43.9	45.0	46.1	47.3	48.4	49.5	50.6	51.8	52.9	54.0
	17	33.9	34.9	36.0	37.1	38.1	39.2	40.2	41.3	42.4	43.4	44.5	45.5	46.6	47.6	48.7	49.8	50.8
18	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	

		19" SEW UP (with 19" Inflated Diameter)																
		C H A I N W H E E L																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	50.7	52.3	53.8	55.4	57.0	58.6	60.2	61.8	63.3	64.9	66.5	68.1	69.7	71.3	72.8	74.4	76.0
	13	46.8	48.2	49.7	51.2	52.6	54.1	55.5	57.0	58.5	59.9	61.4	62.8	64.3	65.8	67.2	68.7	70.2
	14	43.4	44.8	46.1	47.5	48.9	50.2	51.6	52.9	54.3	55.6	57.0	58.4	59.7	61.1	62.4	63.8	65.1
	15	40.5	41.8	43.1	44.3	45.6	46.9	48.1	49.4	50.7	51.9	53.2	54.5	55.7	57.0	58.3	59.5	60.8
	16	38.0	39.2	40.4	41.6	42.8	43.9	45.1	46.3	47.5	48.7	49.9	51.1	52.3	53.4	54.6	55.8	57.0
	17	35.8	36.9	38.0	39.1	40.2	41.4	42.5	43.6	44.7	45.8	46.9	48.1	49.2	50.3	51.4	52.5	53.6
18	33.8	34.8	35.9	36.9	38.0	39.1	40.1	41.2	42.2	43.3	44.3	45.4	46.4	47.5	48.6	49.6	50.7	

		20"X 1-1/8" (with 1" tires, 19.5" Inflated Diameter)																
		C H A I N W H E E L																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	52.0	53.7	55.3	56.9	58.5	60.2	61.8	63.4	65.0	66.6	68.3	69.9	71.5	73.2	74.8	76.4	78.0
	13	48.0	49.5	51.0	52.5	54.0	55.5	57.0	58.5	60.0	61.5	63.0	64.5	66.0	67.5	69.0	70.5	72.0
	14	44.6	46.0	47.4	48.8	50.2	51.5	53.0	54.3	55.7	57.1	58.5	59.9	61.3	62.7	64.1	65.5	66.9
	15	41.6	42.9	44.2	45.5	46.8	48.1	49.4	50.7	52.0	53.3	54.6	55.9	57.2	58.5	59.8	61.1	62.4
	16	39.0	40.3	41.5	42.7	43.9	45.1	46.3	47.5	48.8	50.0	51.2	52.4	53.7	54.8	56.1	57.3	58.5
	17	36.7	37.9	39.0	40.2	41.3	42.5	43.6	44.8	45.9	47.0	48.2	49.4	50.5	51.6	52.8	53.9	55.1
18	34.7	35.8	36.9	37.9	39.0	40.1	41.2	42.3	43.3	44.5	45.5	46.6	47.7	48.8	49.9	50.9	52.0	

		20"X 1-1/8" (with 1-1/8 tires, 20" Inflated Diameter)																
		C H A I N W H E E L																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	53.3	55.0	56.7	58.3	60.0	61.7	63.3	65.0	66.7	68.3	70.0	71.7	73.3	75.0	76.7	78.3	80.0
	13	49.2	50.8	52.3	53.8	55.4	56.9	58.5	60.0	61.5	63.1	64.6	66.2	67.7	69.2	70.8	72.3	73.8
	14	45.7	47.1	48.6	50.0	51.4	52.8	54.3	55.7	57.1	58.6	60.0	61.4	62.8	64.3	65.7	67.1	68.6
	15	42.7	44.0	45.3	46.7	48.0	49.3	50.7	52.0	53.3	54.7	56.0	57.3	58.7	60.0	61.3	62.7	64.0
	16	40.0	41.3	42.5	43.8	45.0	46.2	47.5	48.7	50.0	51.2	52.5	53.7	55.0	56.2	57.5	58.7	60.0
	17	37.6	38.8	40.0	41.2	42.3	43.5	44.7	45.9	47.0	48.2	49.4	50.6	51.8	52.9	54.1	55.3	56.5
18	35.6	36.7	37.8	38.9	40.0	41.1	42.2	43.3	44.4	45.6	46.7	47.8	48.9	50.0	51.1	52.2	53.3	

		20"X 1-1/8 (with 1-3/8" tires, 20.5" Inflated Diameter)																
		C H A I N W H E E L																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	54.7	56.4	58.1	59.8	61.5	63.2	64.9	66.6	68.3	70.0	71.8	73.5	75.2	76.9	78.6	80.3	82.0
	13	50.5	52.0	53.6	55.2	56.8	58.3	59.9	61.5	63.1	64.7	66.2	67.8	69.4	71.0	72.5	74.1	75.7
	14	46.9	48.3	49.8	51.3	52.7	54.2	55.6	57.1	58.6	60.0	61.5	63.0	64.4	65.9	67.4	68.8	70.3
	15	43.7	45.1	46.5	47.8	49.2	50.6	51.9	53.3	54.7	56.0	57.4	58.8	60.1	61.5	62.9	64.2	65.6
	16	41.0	42.3	43.6	44.8	46.1	47.4	48.7	50.0	51.3	52.5	53.8	55.1	56.4	57.7	58.9	60.2	61.5
	17	38.6	39.8	41.0	42.2	43.4	44.6	45.8	47.0	48.2	49.4	50.6	51.9	53.1	54.3	55.5	56.7	57.9
18	36.4	37.6	38.7	39.9	41.0	42.1	43.3	44.4	45.6	46.7	47.8	49.0	50.1	51.3	52.4	53.5	54.7	

		20"X 1-3/8 (21" Inflated Diameter)																
		C H A I N W H E E L																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	56.0	57.8	59.5	61.3	63.0	64.8	66.5	68.3	70.0	71.8	73.5	75.3	77.0	78.8	80.5	82.3	84.0
	13	51.7	53.3	54.9	56.5	58.2	59.8	61.4	63.0	64.6	66.2	67.8	69.5	71.1	72.7	74.3	75.9	77.5
	14	48.0	49.5	51.0	52.5	54.0	55.5	57.0	58.5	60.0	61.5	63.0	64.5	66.0	67.5	69.0	70.5	72.0
	15	44.8	46.2	47.6	49.0	50.4	51.8	53.2	54.6	56.0	57.4	58.8	60.2	61.6	63.0	64.4	65.8	67.2
	16	42.0	43.3	44.6	45.9	47.3	48.6	49.9	51.2	52.5	53.8	55.1	56.4	57.8	59.1	60.4	61.7	63.0
	17	39.5	40.8	42.0	43.2	44.5	45.7	46.9	48.2	49.4	50.6	51.9	53.1	54.4	55.6	56.8	58.1	59.3
18	37.3	38.5	39.7	40.8	42.0	43.2	44.3	45.5	46.7	47.8	49.0	50.2	51.3	52.5	53.7	54.8	56.0	

		20"X 1.50 (19.25" Inflated Diameter)																
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		CHAIN WHEEL																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	51.3	52.9	54.5	56.1	57.8	59.4	61.0	62.6	64.2	65.8	67.4	69.0	70.6	72.2	73.8	75.4	77.0
	13	47.4	48.9	50.3	51.8	53.3	54.8	56.3	57.8	59.2	60.7	62.2	63.7	65.2	66.6	68.1	69.6	71.1
	14	44.0	45.4	46.8	48.1	49.5	50.9	52.3	53.6	55.0	56.4	57.8	59.1	60.5	61.9	63.3	64.6	66.0
	15	41.1	42.4	43.6	44.9	46.2	47.5	48.8	50.1	51.3	52.6	53.9	55.2	56.5	57.8	59.0	60.3	61.6
	16	38.5	39.7	40.9	42.1	43.3	44.5	45.7	46.9	48.1	49.3	50.5	51.7	52.9	54.1	55.3	56.5	57.8
	17	36.2	37.4	38.5	39.6	40.8	41.9	43.0	44.2	45.3	46.4	47.6	48.7	49.8	51.0	52.1	53.2	54.4
18	34.2	35.3	36.4	37.4	38.5	39.6	40.6	41.7	42.8	43.8	44.9	46.0	47.1	48.1	49.2	50.3	51.3	



		20"X 1.75 (19.50" Inflated Diameter) CHAIN WHEEL																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	52.0	53.6	55.3	56.9	58.5	60.1	61.8	63.4	65.0	66.6	68.3	69.9	71.5	73.1	74.8	76.4	78.0
	13	48.0	49.5	51.0	52.5	54.0	55.5	57.0	58.5	60.0	61.5	63.0	64.5	66.0	67.5	69.0	70.5	72.0
	14	44.6	46.0	47.4	48.8	50.1	51.5	52.9	54.3	55.7	57.1	58.5	59.9	61.3	62.7	64.1	65.5	66.9
	15	41.6	42.9	44.2	45.5	46.8	48.1	49.4	50.7	52.0	53.3	54.6	55.9	57.2	58.5	59.8	61.1	62.4
	16	39.0	40.2	41.4	42.7	43.9	45.1	46.3	47.5	48.8	50.0	51.2	52.4	53.6	54.8	56.1	57.3	58.5
	17	36.7	37.9	39.0	40.1	41.3	42.4	43.6	44.7	45.9	47.0	48.2	49.3	50.5	51.6	52.8	53.9	55.1
18	34.7	35.8	36.8	37.9	39.0	40.1	41.2	42.3	43.3	44.4	45.5	46.6	47.7	48.8	49.8	50.9	52.0	



		24"X 1-1/8" (with 24x 1-1/8" tires 22.63" Inflated Diameter) CHAIN WHEEL																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	60.3	62.2	64.1	66.0	67.9	69.8	71.6	73.5	75.4	77.3	79.2	81.1	83.0	84.4	86.7	88.6	90.5
	13	55.7	57.4	59.2	60.9	62.7	64.4	66.1	67.9	69.6	71.4	73.1	74.8	76.6	78.3	80.1	81.8	83.5
	14	51.7	53.3	54.9	56.6	58.2	59.8	61.4	63.0	64.6	66.3	67.9	69.5	71.1	72.7	74.3	76.0	77.6
	15	48.3	49.8	51.3	52.8	54.3	55.8	57.3	58.8	60.3	61.8	63.4	64.9	66.4	67.9	69.4	70.9	72.4
	16	45.3	46.7	48.1	49.5	50.9	52.3	53.7	55.1	56.6	58.0	59.4	60.8	62.2	63.6	65.0	66.5	67.9
	17	42.6	43.9	45.3	46.6	47.9	49.2	50.6	51.9	53.2	54.6	55.9	57.2	58.6	59.9	61.2	62.6	63.9
18	40.2	41.5	42.7	44.0	45.3	46.5	47.8	49.0	50.3	51.5	52.8	54.0	55.3	56.6	57.8	59.1	60.3	



		24"X 1-3/8" (with 24x 1-3/8" tires 24" Inflated Diameter) CHAIN WHEEL																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	59.7	61.6	63.5	65.3	67.2	69.1	70.9	72.8	74.7	76.5	78.4	80.3	82.1	84.0	85.9	87.7	89.6
	13	55.1	56.9	58.6	60.3	62.0	63.8	65.5	67.2	68.9	70.6	72.4	74.1	75.8	77.5	79.3	81.0	82.7
	14	51.2	52.8	54.4	56.0	57.6	59.2	60.8	62.4	64.0	65.6	67.2	68.8	70.4	72.0	73.6	75.2	76.8
	15	47.8	49.3	50.8	52.3	53.8	55.3	56.7	58.2	59.7	61.2	62.7	64.2	65.7	67.2	68.7	70.2	71.7
	16	44.8	46.2	47.6	49.0	50.4	51.8	53.2	54.6	56.0	57.4	58.8	60.2	61.6	63.0	64.4	65.8	67.2
	17	42.2	43.5	44.8	46.1	47.4	48.8	50.1	51.4	52.7	54.0	55.3	56.7	58.0	59.3	60.6	61.9	63.2
18	39.8	41.1	42.3	43.6	44.8	46.0	47.3	48.5	49.8	51.0	52.3	53.5	54.8	56.0	57.2	58.5	59.7	



		24"X 1.5" (with 24x 1.5" tires 23" Inflated Diameter) CHAIN WHEEL																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	61.3	63.3	65.2	67.1	69.0	70.9	72.8	74.8	76.7	78.6	80.5	82.4	84.3	86.3	88.2	90.1	92.0
	13	56.6	58.4	60.2	61.9	63.7	65.5	67.2	69.0	70.8	72.5	74.3	76.1	77.8	79.6	81.4	83.2	84.9
	14	52.6	54.2	55.9	57.5	59.1	60.8	62.4	64.1	65.7	67.4	69.0	70.6	72.3	73.9	75.6	77.2	78.9
	15	49.1	50.6	52.1	53.7	55.2	56.7	58.3	59.8	61.3	62.9	64.4	65.9	67.5	69.0	70.5	72.1	73.6
	16	46.0	47.4	48.9	50.3	51.8	53.2	54.6	56.1	57.5	58.9	60.4	61.8	63.3	64.7	66.1	67.6	69.0
	17	43.3	44.6	46.0	47.4	48.7	50.1	51.4	52.8	54.1	55.5	56.8	58.2	59.5	60.9	62.2	63.6	64.9
18	40.9	42.2	43.4	44.7	46.0	47.3	48.6	49.8	51.1	52.4	53.7	54.9	56.2	57.5	58.8	60.1	61.3	



		24"X 1.75" (with 24x 1.75" tires 24" Inflated Diameter) CHAIN WHEEL																
		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Freewheel	12	64.0	66.0	68.0	70.0	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0
	13	59.1	60.9	62.8	64.6	66.5	68.3	70.2	72.0	73.8	75.7	77.5	79.4	81.2	83.1	84.9	86.8	88.6
	14	54.9	56.6	58.3	60.0	61.7	63.4	65.1	66.9	68.6	70.3	72.0	73.7	75.4	77.1	78.9	80.6	82.3
	15	51.2	52.8	54.4	56.0	57.6	59.2	60.8	62.4	64.0	65.6	67.2	68.8	70.4	72.0	73.6	75.2	76.8
	16	48.0	49.5	51.0	52.5	54.0	55.5	57.0	58.5	60.0	61.5	63.0	64.5	66.0	67.5	69.0	70.5	72.0
	17	45.2	46.6	48.0	49.4	50.8	52.2	53.6	55.1	56.5	57.9	59.3	60.7	62.1	63.5	64.9	66.4	67.8
18	42.7	44.0	45.3	46.7	48.0	49.3	50.7	52.0	53.3	54.7	56.0	57.3	58.7	60.0	61.3	62.7	64.0	