

# Rennen.Decimal.Gear.System

	34.7	34.8	34.9	35	35.1	35.2
13	42.71	42.83	42.95	43.08	43.20	43.32
14	39.66	39.77	39.89	40.00	40.11	40.23
15	37.01	37.12	37.23	37.33	37.44	37.55
16	34.70	34.80	34.90	35.00	35.10	35.20
17	32.66	32.75	32.85	32.94	33.04	33.13
18	30.84	30.93	31.02	31.11	31.20	31.29
19	29.22	29.31	29.39	29.47	29.56	29.64

	35.7	35.8	35.9	36	36.1	36.2
13	43.94	44.06	44.18	44.31	44.43	44.55
14	40.80	40.91	41.03	41.14	41.26	41.37
15	38.08	38.19	38.29	38.40	38.51	38.61
16	35.70	35.80	35.90	36.00	36.10	36.20
17	33.60	33.69	33.79	33.88	33.98	34.07
18	31.73	31.82	31.91	32.00	32.09	32.18
19	30.06	30.15	30.23	30.32	30.40	30.48

	36.7	36.8	36.9	37	37.1	37.2
13	45.17	45.29	45.42	45.54	45.66	45.78
14	41.94	42.06	42.17	42.29	42.40	42.51
15	39.15	39.25	39.36	39.47	39.57	39.68
16	36.70	36.80	36.90	37.00	37.10	37.20
17	34.54	34.64	34.73	34.82	34.92	35.01
18	32.62	32.71	32.80	32.89	32.98	33.07
19	30.91	30.99	31.07	31.16	31.24	31.33

	37.7	37.8	37.9	38	38.1	38.2
13	46.40	46.52	46.65	46.77	46.89	47.02
14	43.09	43.20	43.31	43.43	43.54	43.66
15	40.21	40.32	40.43	40.53	40.64	40.75
16	37.70	37.80	37.90	38.00	38.10	38.20
17	35.48	35.58	35.67	35.76	35.86	35.95
18	33.51	33.60	33.69	33.78	33.87	33.96
19	31.75	31.83	31.92	32.00	32.08	32.17

	38.7	38.8	38.9	39	39.1	39.2
13	47.63	47.75	47.88	48.00	48.12	48.25
14	44.23	44.34	44.46	44.57	44.69	44.80
15	41.28	41.39	41.49	41.60	41.71	41.81
16	38.70	38.80	38.90	39.00	39.10	39.20
17	36.42	36.52	36.61	36.71	36.80	36.89
18	34.40	34.49	34.58	34.67	34.76	34.84
19	32.59	32.67	32.76	32.84	32.93	33.01

	39.7	39.8	39.9	40	40.1	40.2
13	48.86	48.98	49.11	49.23	49.35	49.48
14	45.37	45.49	45.60	45.71	45.83	45.94
15	42.35	42.45	42.56	42.67	42.77	42.88
16	39.70	39.80	39.90	40.00	40.10	40.20
17	37.36	37.46	37.55	37.65	37.74	37.84
18	35.29	35.38	35.47	35.56	35.64	35.73
19	33.43	33.52	33.60	33.68	33.77	33.85

	40.7	40.8	40.9	41	41.1	41.2
13	50.09	50.22	50.34	50.46	50.58	50.71
14	46.51	46.63	46.74	46.86	46.97	47.09
15	43.41	43.52	43.63	43.73	43.84	43.95
16	40.70	40.80	40.90	41.00	41.10	41.20
17	38.31	38.40	38.49	38.59	38.68	38.78
18	36.18	36.27	36.36	36.44	36.53	36.62
19	34.27	34.36	34.44	34.53	34.61	34.69

	41.7	41.8	41.9	42	42.1	42.2
13	51.32	51.45	51.57	51.69	51.82	51.94
14	47.66	47.77	47.89	48.00	48.11	48.23
15	44.48	44.59	44.69	44.80	44.91	45.01
16	41.70	41.80	41.90	42.00	42.10	42.20
17	39.25	39.34	39.44	39.53	39.62	39.72
18	37.07	37.16	37.24	37.33	37.42	37.51
19	35.12	35.20	35.28	35.37	35.45	35.54

	42.7	42.8	42.9	43	43.1	43.2
13	52.55	52.68	52.80	52.92	53.05	53.17
14	48.80	48.91	49.03	49.14	49.26	49.37
15	45.55	45.65	45.76	45.87	45.97	46.08
16	42.70	42.80	42.90	43.00	43.10	43.20
17	40.19	40.28	40.38	40.47	40.56	40.66
18	37.96	38.04	38.13	38.22	38.31	38.40
19	35.96	36.04	36.13	36.21	36.29	36.38

	43.7	43.8	43.9	44	44.1	44.2
13	53.78	53.91	54.03	54.15	54.28	54.40
14	49.94	50.06	50.17	50.29	50.40	50.51
15	46.61	46.72	46.83	46.93	47.04	47.15
16	43.70	43.80	43.90	44.00	44.10	44.20
17	41.13	41.22	41.32	41.41	41.51	41.60
18	38.84	38.93	39.02	39.11	39.20	39.29
19	36.80	36.88	36.97	37.05	37.14	37.22

	44.7	44.8	44.9	45	45.1	45.2
13	55.02	55.14	55.26	55.38	55.51	55.63
14	51.09	51.20	51.31	51.43	51.54	51.66
15	47.68	47.79	47.89	48.00	48.11	48.21
16	44.70	44.80	44.90	45.00	45.10	45.20
17	42.07	42.16	42.26	42.35	42.45	42.54
18	39.73	39.82	39.91	40.00	40.09	40.18
19	37.64	37.73	37.81	37.89	37.98	38.06

	45.7	45.8	45.9	46	46.1	46.2
13	56.25	56.37	56.49	56.62	56.74	56.86
14	52.23	52.34	52.46	52.57	52.69	52.80
15	48.75	48.85	48.96	49.07	49.17	49.28
16	45.70	45.80	45.90	46.00	46.10	46.20
17	43.01	43.11	43.20	43.29	43.39	43.48
18	40.62	40.71	40.80	40.89	40.98	41.07
19	38.48	38.57	38.65	38.74	38.82	38.91

## Rennen.Decimal.Gear.System

	46.7	46.8	46.9	47	47.1	47.2
13	57.48	57.60	57.72	57.85	57.97	58.09
14	53.37	53.49	53.60	53.71	53.83	53.94
15	49.81	49.92	50.03	50.13	50.24	50.35
16	46.70	46.80	46.90	47.00	47.10	47.20
17	43.95	44.05	44.14	44.24	44.33	44.42
18	41.51	41.60	41.69	41.78	41.87	41.96
19	39.33	39.41	39.49	39.58	39.66	39.75

	47.7	47.8	47.9	48	48.1	48.2
13	58.71	58.83	58.95	59.08	59.20	59.32
14	54.51	54.63	54.74	54.86	54.97	55.09
15	50.88	50.99	51.09	51.20	51.31	51.41
16	47.70	47.80	47.90	48.00	48.10	48.20
17	44.89	44.99	45.08	45.18	45.27	45.36
18	42.40	42.49	42.58	42.67	42.76	42.84
19	40.17	40.25	40.34	40.42	40.51	40.59

	48.7	48.8	48.9	49	49.1	49.2
13	59.94	60.06	60.18	60.31	60.43	60.55
14	55.66	55.77	55.89	56.00	56.11	56.23
15	51.95	52.05	52.16	52.27	52.37	52.48
16	48.70	48.80	48.90	49.00	49.10	49.20
17	45.84	45.93	46.02	46.12	46.21	46.31
18	43.29	43.38	43.47	43.56	43.64	43.73
19	41.01	41.09	41.18	41.26	41.35	41.43

	49.7	49.8	49.9	50	50.1	50.2
13	61.17	61.29	61.42	61.54	61.66	61.78
14	56.80	56.91	57.03	57.14	57.26	57.37
15	53.01	53.12	53.23	53.33	53.44	53.55
16	49.70	49.80	49.90	50.00	50.10	50.20
17	46.78	46.87	46.96	47.06	47.15	47.25
18	44.18	44.27	44.36	44.44	44.53	44.62
19	41.85	41.94	42.02	42.11	42.19	42.27

	50.7	50.8	50.9	51	51.1	51.2
13	62.40	62.52	62.65	62.77	62.89	63.02
14	57.94	58.06	58.17	58.29	58.40	58.51
15	54.08	54.19	54.29	54.40	54.51	54.61
16	50.70	50.80	50.90	51.00	51.10	51.20
17	47.72	47.81	47.91	48.00	48.09	48.19
18	45.07	45.16	45.24	45.33	45.42	45.51
19	42.69	42.78	42.86	42.95	43.03	43.12

	51.7	51.8	51.9	52	52.1	52.2
13	63.63	63.75	63.88	64.00	64.12	64.25
14	59.09	59.20	59.31	59.43	59.54	59.66
15	55.15	55.25	55.36	55.47	55.57	55.68
16	51.70	51.80	51.90	52.00	52.10	52.20
17	48.66	48.75	48.85	48.94	49.04	49.13
18	45.96	46.04	46.13	46.22	46.31	46.40
19	43.54	43.62	43.71	43.79	43.87	43.96

From the Table you can see how close some of these gearing combinations are to the standard 44-16. For Example, a 39-14 based on the table, equals a 44.57-16, which is almost exactly between riding a 44T and a 45T