

diffsonline.com

custom race gearing

Differential Gearing Worksheet

Step 1: Enter Gear Ratio

3.45

Aspect

Width

ratio

Diameter

Step 2: Enter Tire Size:

215

60.00

15

	1st	2nd	3rd	4th	5th	6th
Ratio:	3.82	2.20	1.40	1.00	0.81	0.00

(E36 M3 ratios - 6th gear for Euro)

RPM	1st	2nd	3rd	4th	5th	6th
750	4	7	12	16	20	0
1000	6	10	15	22	27	0
1250	7	12	19	27	33	0
1500	9	15	23	33	40	0
1750	10	17	27	38	47	0
2000	11	20	31	43	54	0
2250	13	22	35	49	60	0
2500	14	25	39	54	67	0
2750	16	27	43	60	74	0
3000	17	30	46	65	80	0
3250	18	32	50	71	87	0
3500	20	35	54	76	94	0
3750	21	37	58	81	100	0
4000	23	39	62	87	107	0
4250	24	42	66	92	114	0
4500	26	44	70	98	121	0
4750	27	47	74	103	127	0
5000	28	49	77	108	134	0
5250	30	52	81	114	141	0
5500	31	54	85	119	147	0
5750	33	57	89	125	154	0
6000	34	59	93	130	161	0
6250	35	62	97	136	167	0
6500	37	64	101	141	174	0
6750	38	67	105	146	181	0
7000	40	69	108	152	188	0
7250	41	72	112	157	194	0
7500	43	74	116	163	201	0
7750	44	76	120	168	208	0