

diffsonline.com

custom race gearing

Differential Gearing Worksheet

Step 1: Enter Gear Ratio

3.25

Aspect

Width

ratio

Diameter

Step 2: Enter Tire Size:

225

50.00

16

	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	8	12	17	21	0
1000	6	10	16	23	28	0
1250	7	13	20	28	35	0
1500	9	16	24	34	42	0
1750	10	18	28	40	49	0
2000	12	21	33	46	56	0
2250	13	23	37	51	63	0
2500	15	26	41	57	70	0
2750	16	28	45	63	77	0
3000	18	31	49	68	84	0
3250	19	34	53	74	91	0
3500	21	36	57	80	98	0
3750	22	39	61	85	105	0
4000	24	41	65	91	112	0
4250	25	44	69	97	119	0
4500	27	47	73	102	126	0
4750	28	49	77	108	133	0
5000	30	52	81	114	140	0
5250	31	54	85	119	148	0
5500	33	57	89	125	155	0
5750	34	59	93	131	162	0
6000	36	62	98	137	169	0
6250	37	65	102	142	176	0
6500	39	67	106	148	183	0
6750	40	70	110	154	190	0
7000	42	72	114	159	197	0
7250	43	75	118	165	204	0
7500	45	78	122	171	211	0
7750	46	80	126	176	218	0