

# 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:	3.72	2.40	1.77	1.24	1.00	0.00

( E36 M3 ratios - 6th gear for Euro )

RPM	1st	2nd	3rd	4th	5th	6th
750	5	7	10	14	17	0
1000	6	9	13	18	23	0
1250	8	12	16	23	28	0
1500	9	14	19	28	34	0
1750	11	17	23	32	40	0
2000	12	19	26	37	46	0
2250	14	21	29	41	51	0
2500	15	24	32	46	57	0
2750	17	26	35	50	63	0
3000	18	28	39	55	68	0
3250	20	31	42	60	74	0
3500	21	33	45	64	80	0
3750	23	36	48	69	85	0
4000	24	38	51	73	91	0
4250	26	40	55	78	97	0
4500	28	43	58	83	102	0
4750	29	45	61	87	108	0
5000	31	47	64	92	114	0
5250	32	50	68	96	119	0
5500	34	52	71	101	125	0
5750	35	55	74	106	131	0
6000	37	57	77	110	137	0
6250	38	59	80	115	142	0
6500	40	62	84	119	148	0
6750	41	64	87	124	154	0
7000	43	66	90	128	159	0
7250	44	69	93	133	165	0
7500	46	71	96	138	171	0
7750	47	73	100	142	176	0