

# diffsonline.com

## custom race gearing

### Differential Gearing Worksheet

Step 1: Enter Gear Ratio

3.64

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	4	6	9	12	15	0
1000	5	8	11	16	20	0
1250	7	11	14	20	25	0
1500	8	13	17	25	30	0
1750	10	15	20	29	36	0
2000	11	17	23	33	41	0
2250	12	19	26	37	46	0
2500	14	21	29	41	51	0
2750	15	23	32	45	56	0
3000	16	25	34	49	61	0
3250	18	28	37	53	66	0
3500	19	30	40	57	71	0
3750	20	32	43	61	76	0
4000	22	34	46	66	81	0
4250	23	36	49	70	86	0
4500	25	38	52	74	91	0
4750	26	40	55	78	97	0
5000	27	42	57	82	102	0
5250	29	44	60	86	107	0
5500	30	47	63	90	112	0
5750	31	49	66	94	117	0
6000	33	51	69	98	122	0
6250	34	53	72	102	127	0
6500	36	55	75	107	132	0
6750	37	57	77	111	137	0
7000	38	59	80	115	142	0
7250	40	61	83	119	147	0
7500	41	63	86	123	152	0
7750	42	66	89	127	157	0