

# 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:	3.82	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	11	15	19	0
1000	5	9	15	20	25	0
1250	7	12	18	25	31	0
1500	8	14	22	30	38	0
1750	9	16	25	36	44	0
2000	11	18	29	41	50	0
2250	12	21	33	46	56	0
2500	13	23	36	51	63	0
2750	15	25	40	56	69	0
3000	16	28	44	61	75	0
3250	17	30	47	66	82	0
3500	19	32	51	71	88	0
3750	20	35	54	76	94	0
4000	21	37	58	81	100	0
4250	23	39	62	86	107	0
4500	24	42	65	91	113	0
4750	25	44	69	97	119	0
5000	27	46	73	102	125	0
5250	28	48	76	107	132	0
5500	29	51	80	112	138	0
5750	31	53	83	117	144	0
6000	32	55	87	122	151	0
6250	33	58	91	127	157	0
6500	35	60	94	132	163	0
6750	36	62	98	137	169	0
7000	37	65	102	142	176	0
7250	39	67	105	147	182	0
7500	40	69	109	152	188	0
7750	41	72	112	157	194	0