

# diffsonline.com

## custom race gearing

### Differential Gearing Worksheet

Step 1: Enter Gear Ratio

3.45

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	7	9	13	16	0
1000	6	9	12	17	21	0
1250	7	11	15	22	27	0
1500	9	13	18	26	32	0
1750	10	16	21	30	38	0
2000	12	18	24	35	43	0
2250	13	20	27	39	48	0
2500	14	22	30	43	54	0
2750	16	25	33	48	59	0
3000	17	27	36	52	64	0
3250	19	29	39	56	70	0
3500	20	31	42	61	75	0
3750	22	33	45	65	80	0
4000	23	36	48	69	86	0
4250	24	38	51	73	91	0
4500	26	40	55	78	96	0
4750	27	42	58	82	102	0
5000	29	45	61	86	107	0
5250	30	47	64	91	113	0
5500	32	49	67	95	118	0
5750	33	51	70	99	123	0
6000	35	54	73	104	129	0
6250	36	56	76	108	134	0
6500	37	58	79	112	139	0
6750	39	60	82	117	145	0
7000	40	63	85	121	150	0
7250	42	65	88	125	155	0
7500	43	67	91	130	161	0
7750	45	69	94	134	166	0