

# diffsonline.com

## custom race gearing

### Differential Gearing Worksheet

Step 1: Enter Gear Ratio

3.45

Aspect

Width

ratio

Diameter

Step 2: Enter Tire Size:

205

70.00

14

	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	12	16	20	0
1000	6	10	16	22	27	0
1250	7	12	19	27	34	0
1500	9	15	23	33	40	0
1750	10	17	27	38	47	0
2000	11	20	31	44	54	0
2250	13	22	35	49	61	0
2500	14	25	39	55	67	0
2750	16	27	43	60	74	0
3000	17	30	47	65	81	0
3250	19	32	51	71	88	0
3500	20	35	55	76	94	0
3750	21	37	58	82	101	0
4000	23	40	62	87	108	0
4250	24	42	66	93	114	0
4500	26	45	70	98	121	0
4750	27	47	74	104	128	0
5000	29	50	78	109	135	0
5250	30	52	82	115	141	0
5500	31	55	86	120	148	0
5750	33	57	90	125	155	0
6000	34	60	94	131	162	0
6250	36	62	97	136	168	0
6500	37	64	101	142	175	0
6750	39	67	105	147	182	0
7000	40	69	109	153	189	0
7250	41	72	113	158	195	0
7500	43	74	117	164	202	0
7750	44	77	121	169	209	0