

# G FORCES

SPEED/STROKE  
RESULTING ACC

SPEED (RPM)

STROKE (In.)	SPEED (RPM)											
	600	650	700	750	800	850	900	950	1000	1050	1100	
1/8	0.6	0.7	0.9	1.0	1.1	1.3	1.4	1.6	1.8	2.0	2.1	
3/16	1.0	1.1	1.3	1.5	1.7	1.9	2.2	2.4	2.7	2.9	3.2	
1/4	1.3	1.5	1.7	2.0	2.3	2.6	2.9	3.2	3.6	3.9	4.3	
5/16	1.6	1.9	2.2	2.5	2.8	3.2	3.6	4.0	4.4	4.9	5.4	
3/8	1.9	2.2	2.6	3.0	3.4	3.8	4.3	4.8	5.3	5.9	6.4	
7/16	2.2	2.6	3.0	3.5	4.0	4.5	5.0	5.6	6.2	6.8	7.5	
1/2	2.6	3.0	3.5	4.0	4.5	5.1	5.8	6.4	7.1	7.8	8.6	
9/16	2.9	3.4	3.9	4.5	5.1	5.8	6.5	7.2	8.0	8.8	9.7	
5/8	3.2	3.7	4.3	5.0	5.7	6.4	7.2	8.0	8.9	9.8	10.7	
11/16	3.5	4.1	4.8	5.5	6.2	7.1	7.9	8.8	9.8	10.8	11.8	
3/4	3.8	4.5	5.2	6.0	6.8	7.7	8.6	9.6	10.7	11.7	12.9	
	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	
.03	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.7	1.9	
.05	0.9	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.6	2.8	3.1	
.06	1.0	1.2	1.4	1.7	1.9	2.2	2.5	2.8	3.1	3.4	3.8	
3/32	1.6	1.9	2.2	2.6	3.0	3.4	3.8	4.3	4.8	5.3	5.9	
1/8	2.1	2.6	3.0	3.5	4.0	4.5	5.1	5.8	6.4	7.1	7.8	
3/16	3.2	3.8	4.5	5.2	6.0	6.8	7.7	8.6	9.6	10.7	11.7	
1/4	4.3	5.1	6.0	7.0	8.0	9.1	10.3	11.5	12.8	14.2	15.7	
	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	
.03	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.1	4.4	4.6	4.9	
.05	4.1	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.3	7.7	8.2	
.06	4.9	5.3	5.8	6.2	6.7	7.2	7.7	8.2	8.7	9.3	9.8	
3/32	7.7	8.3	9.0	9.7	10.4	11.2	12.0	12.8	13.6	14.5	15.4	
1/8	10.2	11.1	12.0	12.9	13.9	14.9	16.0	17.1	18.2	19.3	20.5	
3/16	15.3	16.6	18.0	19.4	20.9	22.4	24.0	25.6	27.3	29.0	30.8	
1/4	20.4	22.2	24.0	25.9	27.8	29.9	32.0	34.1	36.4	38.7	41.0	