

CUSTOM GRINDING SERVICE

Many engine builders know precisely the specifications of the camshaft they wish to run and Crow Cams custom grinding service gives access to Australia's largest choice of masters listed on the following pages. All custom ground cams are produced on our CNC cam grinding machines and cam specs are read directly from each camshaft

Roller Camshafts are priced according to the type of billet used.

These profiles will vary slightly with changes in base circle diameter. For the LS family engines, see separate listing.

HYDRAULIC ROLLER PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.006"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
1561	193	202	98	101	262	264	0.275	0.275	112
26	195	196	101	101	270	277	0.273	0.273	112
1524	200	207	102	107	262	270	0.274	0.274	109
759	200	210	110	121	267	277	0.289	0.307	112
1562	202	207	106	110	275	285	0.275	0.275	113
1339	203	209	109	113	268	275	0.281	0.281	118
1440	205	214	105	111	274	283	0.268	0.271	111
1563	207	210	115	118	276	281	0.295	0.295	112
1335	206	212	111	116	256	265	0.283	0.283	114
160	207	207	113	113	267	267	0.281	0.281	112
50	207	209	110	112	265	268	0.28	0.28	117
1430	207	218	126	135	262	274	0.315	0.315	114
160	207	207	113	113	267	267	0.281	0.281	112
1309	209	214	119	122	275	282	0.3	0.3	114
1338	210	210	115	115	272	272	0.282	0.282	118
757	214	218	123	124	280	280	.311	.311	110
1368	211	211	114	114	275	275	0.277	0.277	116
1331	213	209	123	118	277	280	0.288	0.288	115
913	213	226	132	145	267	283	0.324	0.334	116
1370	213	213	123	123	288	288	0.311	0.311	114
1414	213	223	124	134	277	287	0.307	0.318	112
1738	215	223	128	132	274	283	0.333	0.333	114
1371	216	216	125	125	290	290	0.312	0.312	115
799	218	224	127	134	288	291	0.322	0.323	110
1333	218	212	126	122	289	276	0.305	0.304	116
1318	218	214	133	129	281	275	0.332	0.332	111

HYDRAULIC ROLLER PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.006"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
1565	219	219	130	130	284	284	0.337	0.336	111
1534	219	219	127	127	282	282	0.322	0.322	111
1330	220	227	139	145	276	283	0.328	0.334	110
1395	221	221	126	126	292	292	0.3	0.3	111
1317	222	217	135	130	309	296	0.333	0.333	112
1354	225	224	134	134	293	299	0.319	0.319	116
1528	226	230	135	139	290	290	0.32	0.32	110
1433	228	237	148	155	297	303	0.368	0.365	110
1515	228	234	138	147	294	298	0.359	0.357	110
1734	228	233	141	144	288	290	0.346	0.344	108
1735	232	236	144	146	296	301	0.345	0.346	108
1478	232	236	142	146	296	299	0.323	0.322	108
669	234	240	142	147	304	314	0.331	0.331	110
1574	236	242	144	147	288	295	0.32	0.32	108
1719	238	243	156	157	295	315	0.356	0.378	107
1477	237	241	146	148	307	314	0.325	0.324	107
1315	238	244	150	155	304	308	0.345	0.345	112
1725	241	246	155	158	298	306	0.377	0.378	108
1571	246	246	156	156	310	310	0.380	0.380	110
900	246	253	166	174	301	313	0.359	0.376	110
790	247	246	148	147	323	317	0.322	0.322	110
1435	249	258	158	166	317	326	0.344	0.344	111
905	249	256	169	178	300	311	0.359	0.376	110
1520	258	256	164	164	320	322	0.338	0.339	107
1707	258	263	164	167	324	336	0.355	0.356	103
1708	263	266	170	171	331	334	0.37	0.37	117

SOLID ROLLER PROFILES

Specification of these cams will vary slightly with changes in base circle diameter. Lobe centre is easily changed when machining but lift and duration can only be changed by changing master. We can mix and match profiles, using an inlet lobe of one profile and exhaust of another. Any of the lobes can be used on inlet or exhaust. Availability of billets is an important consideration as it is desirable to use a semi finished billet as close to the finished lobe as possible to minimize the amount of material ground of the lobes.

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.020"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
750	222	220	124	124	262	260	0.334	0.332	109
1328	230	230	124	124	272	272	0.294	0.294	110
752	230	245	140	151	269	286	0.326	0.326	108
1599	232	230	147	146	265	265	0.381	0.380	115
969	233	242	142	147	304	315	0.332	0.332	110
1583	239	240	154	154	272	274	0.378	0.378	116
1471	239	247	150	158	280	288	0.350	0.360	109
618	242	247	155	160	280	284	0.392	0.388	107
691	244	252	145	154	284	291	0.325	0.338	107
1551	245	251	160	165	278	284	0.376	0.376	108
1476	248	250	157	162	288	292	0.383	0.383	106
1548	248	251	162	166	284	284	0.401	0.399	106
1573	248	253	162	166	282	287	0.403	0.402	106
809	249	250	159	163	290	290	0.414	0.410	105
751	250	248	161	161	294	298	0.333	0.333	106
1321	250	250	160	160	284	284	0.350	0.350	107
812	250	259	152	162	284	291	0.340	0.340	106
687	250	260	164	175	288	300	0.397	0.416	106
1532	252	252	166	166	284	284	0.405	0.405	108
816	252	254	156	158	298	303	0.325	0.328	113
1482	252	257	167	172	290	294	0.404	0.404	113
1301	252	260	165	170	286	295	0.360	0.360	108
1601	253	261	164	169	284	290	0.361	0.362	107
1304	253	253	108	108	285	285	0.233	233	108
621	253	264	163	174	289	299	0.373	0.373	104
1305	254	254	163	163	285	285	0.335	0.333	104
1504	254	254	155	155	284	284	0.309	0.309	108
1423	254	262	179	184	284	291	0.429	0.419	110
813	255	255	170	170	288	288	0.381	0.382	110
1417	255	265	175	183	286	296	0.409	0.412	108
1590	257	257	160	160	287	287	0.312	0.312	102

SOLID ROLLER PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.020"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
884	257	257	170	160	296	310	0.374	0.359	106
754	257	262	172	178	294	298	0.398	0.407	106
1518	258	250	178	165	290	282	0.430	0.409	106
856	258	268	172	170	297	308	0.415	0.340	108
612	258	274	170	181	297	315	0.387	0.397	110
819	259	266	169	175	291	298	0.360	0.360	108
1594	259	256	176	173	292	288	0.441	0.414	107
1579	259	259	170	170	292	292	0.366	0.366	108
1538	259	259	172	172	292	292	0.403	0.403	108
1387	259	265	168	174	298	303	0.392	0.390	108
1526	260	260	171	171	290	290	0.358	0.358	111
1348	260	267	170	175	304	311	0.429	0.406	107
1592	260	277	174	188	294	312	0.438	0.418	108
1516	261	250	181	166	290	286	0.431	0.409	109
1543	261	261	174	174	294	294	0.414	0.414	108
894	261	271	182	184	293	309	0.445	0.410	107
1358	262	263	180	179	296	297	0.424	0.398	107
662	262	264	173	174	309	314	0.377	0.380	105
1512	262	265	180	183	294	298	0.430	0.430	105
1475	262	267	165	170	303	307	0.350	0.350	107
1492	262	268	165	171	301	306	0.378	.0378	107
732	262	271	177	187	300	310	0.415	0.415	108
818	263	263	173	173	312	312	0.380	0.380	105
1347	263	268	173	175	305	312	0.405	0.407	106
868	259	270	179	189	295	306	0.423	0.426	106
1313	264	264	180	180	310	310	0.415	0.415	101
1327	264	264	178	178	295	295	0.391	0.391	108
1355	264	264	182	182	297	297	0.414	0.415	101
638	265	264	181	178	305	305	0.419	0.417	106
1578	265	268	177	181	297	300	0.365	0.365	110
1359	265	269	184	185	299	302	0.426	0.399	110
1546	265	273	186	189	298	310	0.448	0.420	107
1320	266	266	185	185	300	300	0.432	0.432	104
763	266	271	183	185	300	308	0.416	0.412	106
1357	267	271	186	189	310	315	0.459	0.438	109
1376	266	271	182	187	303	308	0.463	0.463	107

SOLID ROLLER PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.020"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
758	267	277	165	166	306	315	0.366	0.355	110
1332	268	266	184	184	305	302	0.418	0.421	100
735	268	271	184	186	306	310	0.440	0.411	106
1508	270	270	190	190	300	300	0.437	0.437	108
659	270	273	183	186	311	313	0.417	0.415	105
1361	270	274	188	189	302	308	0.415	0.415	103
811	270	280	185	194	306	316	0.413	0.414	106
1545	272	274	185	186	307	309	0.411	0.398	108
1312	272	275	188	191	305	308	0.431	0.432	105
1378	272	277	183	187	306	312	0.410	0.408	103
1525	273	271	186	186	305	305	0.409	0.409	107
1536	274	281	184	190	309	314	0.406	0.390	108
1511	275	257	194	176	305	285	0.431	0.412	110
1373	275	270	191	185	309	304	0.427	0.402	104
1502	275	272	195	193	309	307	0.410	0.408	111
668	275	276	191	192	312	312	0.420	0.419	104
663	275	280	184	188	310	316	0.435	0.415	106
1576	276	278	186	191	307	310	0.375	0.375	108
1580	277	282	196	199	314	320	0.444	0.435	107
1535	277	283	194	196	316	318	0.460	0.450	109
739	277	285	194	198	310	319	0.428	0.428	105
855	278	285	191	198	314	320	0.422	0.426	112
1356	278	289	187	197	322	332	0.428	0.433	112
1351	279	282	187	190	321	324	0.428	0.408	108
807	280	290	183	189	337	347	0.390	0.390	104
808	281	291	187	198	322	336	0.428	0.446	105
646	282	280	191	188	327	330	0.437	0.389	107
869	283	295	203	208	316	339	0.469	0.450	113
1549	287	282	185	177	337	328	0.422	0.403	114
1343	284	284	192	192	325	325	0.420	0.440	112
1342	284	285	202	199	316	320	0.460	0.427	106
1519	284	285	190	188	318	321	0.376	0.371	110
1349	284	291	195	202	330	337	0.453	0.455	107
1564	284	291	197	200	320	327	0.472	0.460	107
897	284	292	201	202	316	326	0.477	0.468	114
764	284	294	190	199	330	344	0.402	0.412	95

SOLID ROLLER PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.020"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
1570	284	297	196	200	324	341	0.473	0.443	112
1507	285	285	200	200	319	319	0.465	0.465	112
1517	285	288	194	197	319	322	0.408	0.410	106
858	286	291	197	200	320	325	0.454	0.418	110
652	286	295	191	198	329	345	0.435	0.450	108
1549	287	282	185	177	337	328	0.422	0.403	114
1345	287	289	195	196	327	328	0.438	0.419	112
1542	287	292	195	197	324	330	0.428	0.419	107
810	288	287	196	192	328	329	0.466	0.417	113
1310	288	288	202	202	327	327	0.480	0.480	116
1530	288	290	203	203	320	322	0.473	0.433	110
865	288	296	199	206	323	331	0.470	0.435	108
707	289	294	200	204	324	329	0.470	0.434	108
1501	289	295	206	212	321	330	0.474	0.474	115
1541	290	290	205	205	323	323	0.478	0.477	115
845	290	295	200	209	333	333	0.473	0.478	114
1509	291	287	203	196	325	321	0.457	0.445	115
772	291	292	202	203	325	327	0.467	0.456	108
1319	291	291	205	204	328	326	0.426	0.424	108
1505	292	292	200	193	328	330	0.421	0.410	114
1567	292	292	207	207	325	325	0.506	0.506	116
1353	293	293	208	209	332	330	0.506	0.506	115
1307	294	293	209	206	332	330	0.492	0.446	114
760	293	294	203	193	331	333	0.457	0.414	111
657	294	297	203	206	334	332	0.446	0.432	110
1523	295	297	207	209	329	331	0.470	0.472	114
844	295	297	209	211	332	335	0.478	0.508	113
891	295	301	206	215	333	340	0.477	0.511	114
1598	295	295	207	207	332	332	0.477	0.478	112
1539	296	290	208	206	335	327	0.475	0.448	112
1577	298	300	212	214	335	337	0.472	0.473	114
1584	300	294	213	210	338	328	0.473	0.447	112

SOLID FLAT TAPPET PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.020"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
645	206	206	115	115	236	236	0.279	0.280	110
867	209	217	116	121	240	255	0.280	0.283	113
779	213	223	101	115	245	260	0.255	0.263	108
165	214	214	107	109	247	247	0.263	0.265	107
860	214	216	120	121	243	247	0.283	0.281	110
846	218	225	121	127	257	267	0.283	0.286	109
328	220	224	122	126	258	265	0.284	0.287	109
606	222	222	115	115	260	260	0.264	0.264	110
402	223	225	114	117	260	265	0.263	0.265	108
740	228	234	117	120	263	268	0.267	0.267	107
609	229	229	130	130	264	264	0.295	0.295	109
872	231	231	140	140	258	258	0.320	0.320	108
1326	233	233	126	126	274	274	0.298	0.298	110
1306	234	243	142	147	272	280	0.330	0.329	108
696	236	236	144	144	267	267	0.314	0.317	108
773	232	242	132	140	276	280	0.294	0.310	110
664	237	237	140	140	280	280	0.324	0.324	108
785	238	242	152	156	268	272	0.351	0.357	108
626	238	244	140	146	278	288	0.321	0.328	110
608	240	240	130	130	275	275	0.274	0.272	107
623	240	240	132	132	270	270	0.273	0.273	106
660	241	241	140	140	278	278	0.325	0.325	110
628	242	249	147	154	274	282	0.332	0.331	105
699	242	242	142	142	284	284	0.306	0.306	110
726	242	242	136	136	285	285	0.295	0.295	111
611	244	244	145	145	305	305	0.329	0.329	109
736	244	244	150	150	278	278	0.322	0.322	106
838	244	245	148	148	275	275	0.323	0.327	103
167	245	245	152	152	278	278	0.325	0.327	103
806	245	255	147	157	282	293	0.325	0.338	108
1374	246	246	153	153	281	281	0.341	0.341	108
803	248	248	150	150	295	295	0.330	0.330	108

SOLID FLAT TAPPET PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.020"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
824	246	256	146	158	285	295	0.322	0.338	108
639	247	255	152	163	293	303	0.331	0.345	107
630	248	252	127	131	285	299	0.270	0.270	105
1591	249	245	159	154	290	282	0.334	0.328	102
1302	250	255	152	153	291	296	0.335	0.325	108
642	252	260	158	167	288	298	0.352	0.363	112
684	252	252	153	153	310	310	0.322	0.322	114
746	252	258	154	162	292	295	0.339	0.355	109
1597	252	252	150	149	296	296	0.322	0.320	103
731	253	260	160	166	292	297	0.355	0.365	108
647	254	254	156	156	308	308	0.345	0.345	107
692	255	252	145	145	292	292	0.293	0.296	106
734	255	255	159	159	296	296	0.325	0.325	105
1362	255	255	166	166	285	285	0.365	0.365	106
693	257	269	158	172	299	316	0.328	0.341	112
820	257	263	168	175	290	296	0.360	0.389	108
1316	257	257	160	160	300	300	0.342	0.341	107
166	260	260	161	161	292	294	0.324	0.325	102
712	261	262	161	162	299	302	0.357	0.360	107
644	262	270	162	172	300	310	0.356	0.371	112
698	262	268	168	176	299	303	0.367	0.377	106
658	263	263	173	173	295	295	0.339	0.339	108
715	263	275	165	176	310	324	0.342	0.356	112
676	264	264	164	164	302	302	0.332	0.332	108
694	264	272	172	180	301	308	0.373	0.387	112
681	265	265	175	175	302	302	0.378	0.378	106
794	265	268	169	170	306	311	0.377	0.377	107
742	265	275	172	182	296	315	0.394	0.398	106
1566	265	273	175	185	295	303	0.386	0.402	108
713	266	276	169	179	303	314	0.351	0.364	110
679	267	265	176	172	307	302	0.380	0.375	106
610	269	269	170	170	311	311	0.356	0.357	108

SOLID FLAT TAPPET PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.020"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
680	270	270	175	175	308	308	0.370	0.370	100
697	270	278	168	175	312	318	0.351	0.365	108
708	272	276	178	178	315	322	0.387	0.386	107
738	272	272	178	178	302	302	0.365	0.365	107
1379	272	275	182	182	307	311	0.395	0.395	108
1553	272	280	173	178	312	321	0.368	0.369	107
720	273	273	174	174	322	322	0.366	0.366	99
633	274	285	176	186	323	340	0.371	0.368	108
705	274	274	181	181	310	310	0.384	0.384	107
804	274	274	180	180	312	312	0.386	0.386	110
1582	274	282	175	183	318	324	0.379	0.380	106
1506	277		179		320		0.379		
717	278	278	181	183	316	316	0.344	0.344	100
741	279	290	188	196	315	326	0.400	0.410	107
706	280	280	186	186	314	314	0.384	0.384	108
632	281	287	191	198	312	318	0.405	0.405	106
727	280	290	187	196	265	275	0.395	0.410	108
714	284	290	186	189	321	323	0.388	0.384	108
716	289	289	187	189	326	331	0.395	0.395	108
725	290	290	191	191	330	330	0.400	0.400	108
SUIT FORD LIFTER (0.875" Minimum Diameter)									
785	238	242	152	156	268	271	0.351	0.357	108
823	249	258	159	169	288	288	0.357	0.363	105
866	256	266	165	173	287	298	0.388	0.395	106
814	268	272	180	184	299	305	0.402	0.408	106
1552	272	282	175	183	315	328	0.380	0.379	107
SUIT CHRYSLER LIFTER (0.905" Minimum Diameter)									
887	244	254	152	163	275	283	0.353	0.381	106
677	246	260	158	171	270	280	0.355	0.379	104
841	250	257	155	162	289	298	0.359	0.374	107
888	252	252	160	160	295	295	0.374	0.374	106

HYDRAULIC FLAT TAPPET PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.006"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
1537	194	194	102	102	250	250	.266	.266	109
613	194	202	96	105	260	267	.261	.272	112
766	194	202	98	110	257	267	.264	.279	110
615	196	196	74	76	264	264	.230	.230	108
678	197	197	94	94	260	260	.254	.254	108
771	201	205	102	108	259	266	.265	.272	111
631	202	207	100	105	269	269	.263	.263	112
805	203	208	107	112	255	270	.275	.275	112
666	204	214	108	121	267	281	.278	.295	112
776	204	215	105	114	266	279	.271	.277	112
695	205	205	112	112	251	254	.280	.280	109
221	205	209	110	115	265	271	.273	.281	109
1364	206	206	113	113	260	260	.281	.281	112
220	206	211	103	105	270	280	.262	.264	109
624	206	222	110	118	268	300	.278	.284	116
602	208	208	116	116	270	270	.280	.280	110
745	212	212	113	114	280	280	.270	.270	108
890	212	218	117	124	273	278	.289	.293	110
603	214	214	120	120	280	280	.295	.295	110
665	214	224	120	133	280	290	.296	.312	112
892	215	215	121	121	275	275	.294	.294	112
770	214	226	120	130	280	290	.293	.297	111
1365	219	224	122	127	288	290	.286	.290	110
1540	218	214	123	119	282	276	.294	.294	113
170	219	219	121	121	280	280	.286	.284	111
843	219	219	116	116	286	286	.282	.282	110
1550	219	224	124	127	290	295	.295	.295	112
651	222	222	128	128	282	282	.298	.298	113
689	222	229	127	132	282	289	.298	.300	106
685	224	220	128	115	277	279	.282	.267	110
667	224	224	130	130	286	286	.306	.306	111
801	224	224	130	130	280	280	.300	.300	114
686	224	224	126	126	292	292	.293	.293	108

HYDRAULIC FLAT TAPPET PROFILES

Master Number	0.050" Dur		0.200" Dur		Adv. Dur 0.006"		Lobe Lift		Lobe Sep.
	In	Ex	In	Ex	In	Ex	In.	Ex	
619	226	232	130	137	286	290	.306	.316	109
817	226	230	137	138	280	282	.318	.320	109
1367	226	236	133	134	293	299	.310	.326	112
1510	227	226	132	132	294	291	.317	.316	106
1589	227	220	129	124	289	282	.294	.294	113
604	228	228	128	128	304	304	.280	.280	110
617	228	228	130	130	290	290	.294	.296	110
605	222	236	125	133	297	305	.291	.294	114
622	230	230	140	140	282	282	.320	.320	110
650	230	230	133	133	292	292	.300	.300	113
761	230	230	133	133	292	292	.300	.300	109
778	230	230	134	134	290	290	.303	.302	110
672	230	230	137	137	280	280	.318	.317	108
880	231	231	138	138	285	285	.310	.310	110
1424	230	238	139	146	288	295	.324	.324	110
703	232	232	124	124	312	312	.276	.276	110
620	234	234	140	140	294	294	.315	.315	110
649	234	244	134	143	282	295	.303	.303	108
730	236	244	149	159	284	292	.340	.340	112
747	236	246	149	157	294	307	.349	.354	107
690	238	243	144	148	300	310	.320	.320	108
787	238	246	147	151	284	295	.324	.327	112
616	240	240	140	140	300	300	.299	.299	110
700	241	248	147	153	307	313	.332	.328	108
682	244	244	136	136	303	303	.288	.288	106
802	246	246	156	156	295	295	.338	.338	108
648	248	252	151	158	320	322	.326	.336	108
1520	258	256	164	164	320	322	.338	.339	107
675	258	258	161	161	307	307	.326	.325	108
671	259	259	164	164	310	310	.345	.345	108
1503	263	263	162	162	320	320	.324	.324	107
769	269	275	156	164	351	359	.327	.329	106

DIRECT OPERATING OHC (Bucket) Profiles

Use of these profiles in any engine is subject to cam follower diameter **For engines with shims on top of bucket, this is shim diameter.

Master Number	0.050" Dur.		Adv Dur.		Lobe Lift		Min Lifter **	
	In	Ex	In	Ex	In	Ex	Diameter Inch	Diameter mm
SOLID								
189	200	200	252	252	0.293	0.293	0.89	23
208	202	202	263	263	0.338	0.338	1.1	28
161	204	204	279	279	0.297	0.297	0.92	24
895	204	208	269	289	0.323	0.33	0.95	25
216	204	210	286	292	0.325	0.341	1.08	28
27	206	207	270	277	0.385	0.388	1.28	33
854	208	208	272	272	0.359	0.359	1.06	27
113	208	208	272	276	0.386	0.386	1.185	30
839	213	214	267	273	0.395	0.395	1.115	29
307	215	215	265	265	0.38	0.38	1.125	29
1587	219	219	268	268	0.361	0.361	1.02	26
627	221	222	304	308	0.392	0.394	1.2	30
60	222	226	262	285	0.402	0.402	1.08	28
97	224	225	262	267	0.328	0.331	1.0	26
1407	227	227	265	265	0.368	0.368	1.06	27
1377	227	228	277	282	0.379	0.38	1.09	28
1405	233	233	298	298	0.337	0.337	1.125	29
152	234	234	280	280	0.334	0.334	0.875	23
66	234	234	314	298	0.439	0.436	1.16	30
848	236	257	310	350	0.428	0.436	1.2	30
885	237	251	271	288	0.455	0.492	1.25	32
2	240	240	285	285	0.33	0.33	0.95	25
329	240	236	284	291	0.469	0.451	1.25	32
1376	241	241	275	275	0.463	0.463	1.3	33
1308	242	242	292	292	0.383	0.383	0.975	25
849	247	258	328	337	0.393	0.409	1.05	27
876	248	248	279	279	0.441	0.441	1.2	30
886	249	251	287	296	0.449	0.454	1.25	32
1581	256	256	322	322	0.453	0.453	1.1	28
859	257	257	306	306	0.388	0.388	1.06	27
837	258	258	327	327	0.435	0.435	1.25	32
1324	260	260	292	292	0.53	0.53	1.3	33
1303	262	266	321	326	0.398	0.41	0.925	24
1596	264	264	319	319	0.453	0.453	1.1	28
1568	270	270	311	311	0.479	0.479	1.125	29
1391	273	273	337	337	0.542		1.35	35
871	276	285	309	318	0.475	0.495	1.15	30
1556	276	276	308	308	0.598	0.598	1.395	36
873	281	283	321	311	0.48	0.46	1.11	29
728	281	281	304	304	0.527	0.527	1.25	32
737	282	283	316	318	0.434	0.432	1.02	26
HYDRAULIC								
89	211	211	250	250	0.4	0.4	1.22	31
575	216	216	265	265	0.347	0.347	1.2	30
1322	218	218	256	256	0.33	0.33	1.02	26
191	246	246	295	295	0.43	0.43	1.06	27

CHEV/HOLDEN V8 LS GRINDS

These are profiles we have already ground on LS cams. We have many more masters available but the specs may vary slightly with the larger base circle of the LS cam. Lobe centres can be modified within the range of the lobe profiles and cam billets available.

Part Number	0.050"Dur In / Ex	0.200"Dur In / Ex	Adv Dur 0.006" In / Ex	Lobe Lift In / Ex	Valve Lift @ 1.7 Ratio	Lobe Centre
HYDRAULIC ROLLER						
1245	199/205	114/118	262/264	.300/.300	.510/.511	112
1346	199/211	114/119	275/279	.292/.293	.496/.499	120
780	203/219	124/134	264/285	.324/.326	.551/.555	117
1255	206/209	118/120	267/269	.300/.299	.510/.509	111
1259	207/213	119/125	262/267	.302/.306	.513/.520	112
1230	209/229	128/143	262/281	.325/.321	.553/.545	120
1265	212/219	125/131	268/275	.305/.311	.519/.528	114
1276	215/247	142/172	267/298	.371/.387	.631/.657	121
1384	216/223	136/142	278/285	.329/.329	.559/.559	117
1737	216/224	132/140	271/281	.349/.348	.593/.592	116
1208	217/222	135/139	275/281	.350/.351	.596/.596	111
1275	217/224	123/130	300/292	.310/.310	.528/.527	114
1228	218/220	130/131	282/284	.341/.341	.579/.579	112
1744	219/236	144/159	271/286	.358/.365	.608/.620	118
1202	220/225	133/137	282/292	.327/.330	.556/.562	114
1732	221/221	138/138	278/279	.350/.350	.595/.596	114
1749	221/228	144/151	276/282	.369/.368	.627/.625	116
1247	221/228	133/146	287/286	.342/.345	.581/.587	112
1256	221/229	131/144	293/290	.344/.348	.585/.591	116
1286	221/238	140/155	275/292	.342/.343	.580/.581	115
1730	222/230	141/148	281/287	.360/.360	.613/.612	114
1233	223/224	140/141	276/278	.331/.332	.562/.565	111
1270	223/228	144/149	278/282	.341/.346	.580/.589	114
1229	224/230	142/147	280/286	.359/.359	.610/.610	114
1262	224/232	146/153	278/284	.358/.359	.608/.611	114
1745	224/236	147/159	278/289	.360/.365	.612/.620	115
1263	225/232	141/148	285/291	.359/.358	.610/.609	114
1292	225/244	149/164	276/296	.357/.357	.607/.607	115
1528	226/231	133/138	290/298	.320/.321	.544/.546	110
1249	226/232	149/153	277/284	.358/.354	.608/.602	112
1248	226/234	147/151	278/303	.340/.348	.578/.591	111
1280	227/228	136/136	291/294	.322/.322	.547/.549	110
1295	227/231	150/152	280/285	.358/.354	.609/.602	114
1203	227/232	136/140	291/301	.324/.326	.551/.555	113
1298	227/233	149/153	282/290	.358/.353	.609/.601	112
1244	227/238	137/144	284/299	.309/.310	.525/.527	110
1281	227/244	143/158	294/310	.355/.354	.603/.601	114
1287	227/244	150/165	278/296	.358/.359	.607/.610	114
1234	228/231	145/147	281/284	.335/.337	.570/.572	112
1729	228/235	146/152	284/292	.359/.359	.610/.610	114
1243	228/238	138/144	286/296	.308/.307	.523/.522	110
1204	229/231	145/147	284/287	.334/.335	.568/.570	112
1223	229/235	145/148	293/304	.344/.344	.584/.585	112
1742	229/244	133/142	292/301	.295/.293	.501/.499	115
1212	229/232	151/155	281/282	.359/.361	.611/.614	112
1753	230/225	151/145	279/275	.334/.330	.568/.561	116
1206	230/235	148/154	289/294	.335/.347	.571/.591	110
1214	231/239	153/155	282/291	.352/.342	.598/.581	112
1266	232/233	155/154	285/288	.359/.355	.610/.603	112
1215	232/234	144/146	297/302	.344/.342	.584/.582	112
1239	232/235	153/153	286/291	.361/.366	.613/.622	115
1296	232/237	155/157	286/290	.360/.356	.612/.604	112
1221	233/234	150/150	295/292	.343/.325	.583/.553	111

CHEV/HOLDEN V8 LS GRINDS

Part Number	0.050"Dur In / Ex	0.200"Dur In / Ex	Adv Dur 0.006" In / Ex	Lobe Lift In / Ex	Valve Lift @ 1.7 Ratio	Lobe Centre
HYDRAULIC ROLLER						
1236	233/239	142/148	309/317	.363/.369	.617/.627	114
1211	233/242	145/152	304/318	.322/.328	.548/.558	112
1260	233/245	155/167	283/298	.362/.367	.616/.623	115
1205	234/234	150/150	293/292	.329/.329	.559/.559	110
1285	234/238	148/152	291/296	.349/.350	.595/.595	114
1288	234/250	154/168	287/302	.359/.360	.610/.610	114
1210	235/243	146/151	299/317	.321/.323	.546/.549	115
1251	235/243	155/164	292/296	.349/.359	.593/.610	113
1754	237/231	156/151	288/281	.340/.336	.578/.571	115
1238	236/241	154/159	291/297	.367/.367	.625/.624	112
1272	237/242	153/158	301/304	.368/.363	.625/.617	112
1250	236/242	152/155	294/302	.357/.358	.608/.609	1134
1237	236/249	154/169	291/302	.367/.372	.624/.632	113
1241	237/245	159/162	293/298	.365/.346	.620/.588	114
1283	238/242	159/162	293/296	.368/.368	.626/.625	114
1289	238/254	156/169	295/319	.362/.362	.614/.614	113
1294	240/243	155/159	292/294	.342/.344	.581/.585	116
1252	239/244	154/158	301/302	.362/.361	.614/.614	114
1299	239/244	160/164	292/299	.360/.360	.613/.611	112
1723	239/249	156/169	301/303	.362/.361	.615/.614	114
1242	239/250	158/169	294/303	.352/.360	.598/.612	112
1290	239/256	154/164	301/321	.362/.359	.614/.610	115
1232	239/242	155/158	294/295	.345/.347	.585/.590	114
1235	241/243	162/163	293/296	.357/.359	.607/.610	112
1240	242/248	159/163	299/305	.352/.352	.598/.599	112
1246	242/249	166/169	298/314	.382/.383	.650/.651	110
1741	242/245	159/163	309/306	.367/.367	.623/.623	112
1231	243/246	158/161	296/298	.348/.350	.592/.595	114
1282	245/251	166/172	304/307	.383/.383	.651/.651	115
1253	245/262	159/170	307/325	.363/.361	.615/.615	114
1291	244/261	158/169	311/340	.365/.362	.621/.616	114
1268	248/253	170/174	299/304	.367/.366	.623/.622	114
1264	249/252	172/175	301/304	.386/.388	.656/.659	108
1271	250/258	150/161	325/337	.361/.364	.614/.618	114
1224	254/259	166/171	322/327	.374/.374	.636/.636	109
1254	257/272	177/190	309/323	.366/.366	.622/.621	115
1216	266/274	175/182	325/332	.355/.353	.603/.600	114
1297	266/276	184/192	321/329	.364/.362	.619/.615	106
1213	267/271	182/186	331/332	.394/.393	.670/.668	110
1728	268/278	180/189	335/339	.370/.367	.629/.625	114
1217	274/274	191/191	327/328	.367/.366	.624/.622	114
SOLID ROLLER						
1599	232/231	146/146	266/264	.382"/.380"	.649"/.646"	115
1551	245/251	160/165	278/284	.377"/.376"	.641"/.639"	107
1573	248/253	161/166	281/287	.403"/.407"	.685"/.692"	106
1538	259/259	172/172	292/292	.404"/.404"	.687"/.687"	110
1387	259/265	168/174	298/303	.393"/.391"	.668"/.665"	108
1347	263/268	173/175	305/312	.405"/.409"	.689"/.695"	106
1359	265/269	184/185	300/302	.427"/.399"	.726"/.678"	110
1222	273/277	189/192	307/311	.436"/.435"	.741"/.740"	108

FORD OHC CUSTOM PROFILES

ROLLER CAM PROFILES FOR FALCON 6 OHC ENGINES

These are measurements of cam lobes not valve timing.

Use the standard specification for an approximate comparison. Where two figures are given, first is inlet.

EA-EF uses 2:1 Rocker Ratio. AU uses 1.8:1 Rocker Ratio

Part Number	0.050"Dur	Adv Dur	Lobe Lift	Lobe Centre
HYDRAULIC ROLLER				
STD EB	193/187	241/239	.235/.227	114
STD AU	181/197	233/246	.247/.268	119
825	195	262	.245	113
2557	198	260	.245	113
2519	199/194	262/251	.246/.236	113
2522	201/194	263/257	.269/.255	111
2526	197/192	249/246	.265/.252	115
2549	210/199	271/261	.264/.250	111
1514	219	275	.280	112
1560	224/220	282/277	.280	115
896	193/187	240/230	.236/.227	114
1300	220	282/289	.250	110
2543	209/207	271/269	.250/.239	114
2546	233	295	.264	110
2550 *	235	295	.308	106

* **Warning:** This cam may have piston to valve clearance problems.

SOLID ROLLER				
2527	230	272	.300"	106
2518	237	295	.260"	107
2539	247	302/307	.305	106

NISSAN TB48 GRINDS

Part Number	Adv. Duration		.050" Duration		Valve Lift		LSA
	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	
538797 539797	287	287	258	258	.500"	.500"	
538876 539876	302	303	250	250	.500"	.500"	
5381472 5391472	265	265	248	248	.440"	.440"	
5381840 5391840	248	248	223	223	.401"	.401"	
5381841 5391841	248	248	231	223	.425"	.401"	
5381842 5391842	248	248	231	231	.406"	.406"	
5381843 5391843	254	254	231	231	.406"	.406"	
5381844 5391844	255	254	234	231	.426"	.426"	
5381845 5391845	255	255	234	234	.405"	.405"	
5381847 5391847	271	270	240	239	.405"	.405"	
5381848 5391848	255	255	238	238	.429"	.429"	
5381849 5391849	272	273	244	244	.468"	.467"	
5381850 5391850	265	256	248	238	.440"	.429"	
5381851 5391851	265	265	248	248	.440"	.440"	
5381764 5391764	294	294	253	253	.490"	.490"	

TOYOTA 1FZ-FE GRINDS

Part Number	Adv. Duration		.050" Duration		Valve Lift		LSA
	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	
528000 529000	277	277	194	194	.340"	.340"	
5281840 5291840	248	248	223	223	.401"	.401"	
5281843 5291843	254	231	254	231	.406"	.406"	
5281844 5291844	255	254	234	231	.426"	.406"	
5281845 5291845	255	255	234	234	.426"	.426"	
5281848 5291848	255	255	238	238	.429"	.429"	
5281849 5291849	272	273	244	244	.468"	.467"	
5281850 5291850	265	256	248	238	.440"	.429"	
5281851 5291851	265	265	248	248	.440"	.440"	
5281852 5291852	282	282	247	247	.472"	.472"	
5281764 5291764	294	294	253	253	.490"	.490"	