

# 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
<b>SOLID</b>								
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
<b>HYDRAULIC</b>								
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
<b>HYDRAULIC ROLLER</b>						
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
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
<b>HYDRAULIC ROLLER</b>						
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
1238	236/241	154/159	291/297	.367/.367	.625/.624	112
1250	236/242	152/155	294/302	.357/.358	.608/.609	113
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
1719	238/244	155/157	295/315	.357/.379	.606/.644	107
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
<b>SOLID ROLLER</b>						
1599	232/231	146/146	266/264	.382"/.380"		115
1551	245/251	160/165	278/284	.377"/.376"		107
1573	248/253	161/166	281/287	.403"/.407"		106
1538	259/259	172/172	292/292	.404"/.404"		110
1387	259/265	168/174	298/303	.393"/.391"		108
1347	263/268	173/175	305/312	.405"/.409"		106
1359	265/269	184/185	300/302	.427"/.399"		110
1222	273/277	189/192	307/311	.436"/.435"		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
<b>HYDRAULIC ROLLER</b>				
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.

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