

Marlborough Vintage Car Club

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INDEX OF VALVE COLLET TYPE AND VALVE HEAD SHAPE

The engine valves are grouped according to the collet type or valve stem shape, then by valve head shape and features. Each category is then arranged in order by stem diameter - smallest to largest. The dimensions have been measured by digital calipers and while reasonably accurate, are approximate measurements only. All valves are new old stock, and some have surface rust due to their age.

Blob stem end (split valve guide)

Drilled valve stem end

Slotted valve stem end

Single groove collet, flat valve head with groove

Single groove collet, indented valve head with groove

Single groove collet, domed valve head

Single groove collet, flat valve head with holes

Single groove collet, indented valve head with holes

Single groove collet, indented valve head without holes

Single groove collet, flat valve head with holes

Single groove collet, tulip valve head

Single groove collet, flat valve head

Double groove collet

Triple groove collet

Four groove collet

Parallel groove collet, flat valve head

Parallel groove collet, domed valve head

Parallel groove collet, flat valve head with groove

Parallel groove collet, flat valve head with holes

Parallel groove collet, tulip valve head

Screw type valve stem

Tapered collets with taper narrower at top of valve stem

Tapered collets with taper wider at top of valve stem

Holden valves

Blob Stem End - (Split Valve Guide)

Number	Make	Qty	Head Diameter (in)	Stem Diameter (in)	Total length (in)	Vehicle
S1936L11		1	1.115	0.248	4.329	
EX2023 Ford E914A	ENFO	1	1.105	0.249	4.223	Ford
K523	DUFOR	2	1.110	0.249	4.250	1932-39 Ford 8-10 HP
20EBEX	ENFO	1	1.112	0.249	4.248	Ford
6505D		2	1.111	0.249	4.350	
EX20EB		1	1.113	0.249	4.199	
E93A6505D		1	1.105	0.249	4.303	
11T-6505A1		8	1.500	0.310	4.800	

Drilled Stem End

S473		1	1.204	0.339	5.906	
	Superpatd	2	1.600	0.372	5.758	
Blank	requires machining	1	1.453	0.338	4.753	

Slotted Stem End

Number	Make	Qty	Head Diameter (in)	Stem Diameter (in)	Total length (in)	Vehicle
		1	1.456	0.309	4.676	Chev (inlet)
		1	1.340	0.309	4.718	
	Chev	3	1.342	0.310	4.763	1932 Chev
S624	TOLEDO	3	1.398	0.310	4.652	
S184	DUFOR	1	1.397	0.310	4.694	1931-32 Bedford 1929 Chev 1931-33 Vauxhall
		1	1.344	0.310	4.727	
S49	TOLEDO	2	1.338	0.310	4.768	
1135/2AA		1	1.268	0.310	4.710	
		2	1.372	0.310	5.270	(in)
1133/2	TRANCO	1	1.395	0.310	4.582	
219		9	1.658	0.311	4.710	
S85	TOLEDO	2	1.346	0.311	4.950	
C677		3	1.274	0.311	4.732	1935-37 Vauxhall DX 1935-36 Bedford
VK+268		4	1.272	0.311	4.710	
S485	DUFOR	2	1.450	0.311	4.953	
263VK+		1	1.406	0.311	4.278	
S622	DUFOR	1	1.441	0.311	4.585	Bedford, Vauxhall 1934-36
V485	DUFOR	1	1.454	0.311	4.969	1933-34 Chev
		5	1.434	0.314	4.730	
439	TOLEDO	1	1.500	0.343	4.734	
		5	1.500	0.350	4.140	
		1	1.579	0.353	5.081	
		1	1.430	0.354	4.571	
		1	1.563	0.365	3.767	
		3	1.431	0.374	4.610	
RICH405N		10	2.248	0.440	4.183	
		12				1939 Chev

Single Groove Collet

Number	Make	Qty	Head Diameter (in)	Stem Diameter (in)	Total Length (in)	Vehicle
Flat Head with Groove						
VK+		10	0.998	0.246	4.398	
1801		1	1.089	0.280	4.371	
201-10363MC		2	1.155	0.310	4.465	
201-19350		1	1.280	0.310	4.717	Lister SL/SR inlet
H19INL		1	1.269	0.311	4.300	
1159 SAS DD 78	TRANCO	1	1.148	0.311	4.290	Commer, Hillman, Sunbeam 1936-56
		1	1.452	0.312	4.410	
Indented Head with Groove						
		2	0.803	0.235	3.465	
269IN		3	1.460	0.310	4.529	
		1	1.267	0.311	4.727	
Domed Head						
		1	1.593	0.301	5.298	
XA/10241		1	1.405	0.369	4.415	
Flat Head Indented with Holes						
X/B EX		5	1.467	0.402	4.822	
Flat Head Indented <u>Without</u> Holes						
		1	1.514	0.314	4.148	
FORD		1	1.513	0.340	4.822	
Japanese inlet		1	1.890	0.391	7.048	
Flat Head with Holes						
EX-AH		2	1.467	0.401	4.817	

Tulip Head						
EIS-5190	Japanese	4	1.218	0.275	4.143	Isuzu 4XE1 88
5166		3	1.062	0.279	3.267	
		1	1.616	0.309	4.505	
2724E 6505A		2	1.431	0.309	4.532	
		1	1.387	0.310	4.252	
5089		1	1.252	0.311	4.700	
106886B (inlet)		1	1.366	0.311	4.655	
		2	1.516	0.314	4.117	
GM41		1	1.460	0.338	4.860	
		1	1.463	0.339	4.873	
		2	1.720	0.340	4.767	
SC34298 MIEK		2	1.691	0.341	4.359	
		1	1.347	0.341	4.339	
T1641	TOLEDO	2	1.636	0.341	6.245	
6029		1	1.343	0.342	4.338	
Flat Head						
310084		2	1.152	0.278	3.566	Simca (ex)
		1	1.396	0.279	3.571	
2199-2		1	1.261	0.307	4.261	
100652		1	1.051	0.308	4.266	
RMC IN		1	1.310	0.308	4.431	
		1	1.352	0.308	4.535	
100E6505		1	1.054	0.308	4.224	
1940XB		2	1.150	0.309	4.250	
7002		2	1.056	0.309	4.220	
		2	1.188	0.309	3.854	
6505		1	1.053	0.309	4.0220	
1940X		1	1.149	0.309	4.251	
ENFO		2	1.054	0.309	4.238	
211E-6505A		3	1.355	0.309	4.527	
5165		1	1.112	0.310	4.666	
4010		1	1.155	0.310	4.225	
101871		3	1.111	0.310	4.266	
		3	1.353	0.310	4.527	
		1	1.216	0.310	4.421	
149658VL		1	1.257	0.310	4.601	
5071		1	1.252	0.310	4.985	
7062		1	1.056	0.310	4.229	
		1	1.352	0.310	4.529	

		1	1.353	0.310	4.537	
		1	1.199	0.310	4.365	
4018A		2	1.438	0.310	4.555	
		1	1.183	0.310	4.561	
159872VL		1	1.194	0.311	4.614	
2087		3	1.269	0.311	4.295	
NS2331 K10		2	1.282	0.311	4.358	
5018		1	1.148	0.311	5.175	
NS3520S		1	1.471	0.311	4.270	
159872VL		1	1.195	0.311	4.617	
		1	1.196	0.312	4.375	
0910061F2T		1	1.193	0.312	4.608	
5074		1	1.197	0.312	4.372	
5072		1	1.199	0.312	4.370	
204E-6507A		1	1.431	0.312	4.545	
		4	1.185	0.325	4.540	
7001		2	1.184	0.325	4.540	
B2925K		1	1.184	0.339	4.549	
BM2925KY1		1	1.186	0.339	4.543	
7066844		1	1.438	0.340	4.806	
7001C		1	1.189	0.340	4.552	
		1	1.781	0.340	5.108	
1112SAS		1	1.281	0.340	5.238	
		1	1.414	0.340	4.389	
5013		1	1.280	0.341	5.275	
LM514655BR FEC E 2		1	1.548	0.341	5.550	
27213		1	1.674	0.341	5.550	
ROVER 525975		1	1.312	0.341	4.602	
Chev logo		1	1.257	0.342	4.310	
AOS3P60 1235		1	1.183	0.353	4.376	
83482-R2		1	1.515	0.371	5.072	

Double Groove Collet

Number	Make	Qty	Head Diameter (in)	Stem Diameter (in)	Total Length (in)	Vehicle
Flat Head						
K1314	DUFOR	2	1.184	0.308	4.553	Ford Consul, Zephyr 1950-53
		1	1.190	0.308	4.554	
5081		1	1.247	0.310	5.188	
		3	1.416	0.314	3.945	
		1	1.414	0.339	4.601	
2347/2		1	1.468	0.339	4.860	
K1911	DUFOR	3	1.475	0.339	5.227	
S940	THOMPSON	1	1.533	0.340	4.893	
		1	1.716	0.340	4.832	
1109812 INT		1	1.717	0.340	4.854	
V1145		1	1.538	0.340	4.885	
3027		1	1.500	0.340	4.849	
3027	FORD	2	1.497	0.340	4.845	
S1109	TOLEDO	3	1.535	0.340	4.889	
CT1310089EX		2	1.498	0.340	4.896	
400/2 FE1	TRANCO	3	1.468	0.340	4.909	
7420072		1	1.275	0.341	4.506	
EX1711		2	1.276	0.341	4.498	
K2211	DUFOR	5	1.273	0.341	4.501	
VK+2444		2	1.432	0.370	5.673	
129598-RI		1	1.810	0.371	5.550	
851737R1		1	1.441	0.371	5.645	
		1	1.572	0.373	5.168	
Triple Groove Collet						
		1	1.408	0.308	4.379	
		2	1.409	0.309	4.381	
1118 or 8111		3	1.412	0.309	4.380	
CA031		1	1.496	0.309	4.287	
		1	1.409	0.310	4.378	
Ate1587 3CG		1	1.536	0.352	4.098	
1HC53070-VL		2	1.874	0.371	6.545	
Four Groove Collet						
		3	1.499	0.371	4.995	

Parallel Groove Collet

Number	Make	Qty	Head Diameter (in)	Stem Diameter (in)	Total Length (in)	Vehicle
Flat Head						
5020		2	0.996	0.246	3.779	
		1	1.180	0.258	4.440	
15048	MORRIS	2	1.100	0.273	3.609	
68026	MOWOG	1	1.102	0.274	3.628	
		3	1.091	0.278	3.453	
860		1	1.093	0.278	3.441	
2195		1	1.152	0.279	3.435	
1223	DUFOR	1	1.283	0.307	4.296	1949-52 Triumph 1948-51
		2	1.317	0.308	4.034	
2215-1RR9	TRANCO	1	1.310	0.308	4.023	
		2	1.033	0.308	4.092	
2191 2097		3	1.372	0.308	4.002	
5057		1	1.055	0.308	4.230	
5072		4	1.181	0.308	3.998	
SC1833IN		1	1.415	0.309	4.768	
5065		4	1.036	0.309	4.086	
5017		1	1.130	0.309	4.072	
		1	1.243	0.309	4.573	
	FORD	1	1.440	0.309	5.313	
1984 2SMYY	TRANCO	1	1.222	0.313	4.406	MG, Morris, Wolseley 1954
22548VL	MOWOG	1	1.300	0.313	4.404	
1173 SS3	TRANCO	1	1.299	0.313	4.841	MG, Morris, Wolseley 1936
5023		3	1.219	0.314	4.402	
168426VL		4	1.415	0.314	4.390	
		1	1.443	0.334	4.955	
1112 SAS DD2B	TRANCO	4	1.282	0.339	5.235	Studebaker 1932-49
1777KE		2	1.257	0.341	4.656	
2101		1	1.372	0.341	4.310	
		1	1.383	0.341	4.334	
2849/2 DD5		1	1.380	0.341	4.333	
2890/2006		1	1.689	0.341	4.746	
		1	1.370	0.341	4.331	
264137		1	1.260	0.343	4.574	
S1382	DUFOR	1	1.470	0.351	4.003	1940-53 Citroen
		2	1.343	0.351	4.488	
		1	1.451	0.351	4.004	
		1	1.455	0.351	4.456	

SP4718		3	1.181	0.351	4.376	
		1	1.454	0.352	4.017	
		1	1.341	0.371	5.142	
		1	1.534	0.373	4.764	
Domed Head						
SV S3199 EX		1	1.763	0.311	3.691	
965		5	1.749	0.339	3.692	
EX S3 SV199		9	1.764	0.341	3.693	
KE965 494		1	1.743	0.342	4.325	
		2	1.200	0.350	4.502	
LIVI X EX985		1	1.336	0.351	4.511	
Flat Head with Groove						
		1	0.876	0.245	2.869	
1934		1	1.250	0.273	4.776	
1960 RR10	TRANCO	1	1.404	0.310	5.097	
208842 SS11	TRANCO	1	1.374	0.339	5.375	
		1	1.453	0.350	4.009	
		4	1.459	0.350	4.451	
1250	JAMES	1	1.454	0.351	4.011	Citroen Sports
Flat with Holes						
		1	1.155	0.309	5.097	
Tulip Head						
Ford A	FORD	1	0.866	0.234	3.461	
6005		1	1.002	0.278	3.427	
FMNN		1	1.193	0.308	4.082	
SVLTD1476EX		1	1.182	0.308	4.003	
	MOWOG	1	1.438	0.310	4.356	
		4	1.722	0.311	4.036	
		1	1.726	0.311	4.045	
		1	1.721	0.311	4.004	
		1	1.495	0.312	4.006	
		1	1.308	0.313	4.398	
		1	1.340	0.338	4.306	
		2	1.732	0.340	4.490	
2056		1	1.411	0.340	4.667	
X1294	DUFOR	5	1.418	0.341	4.655	1950-54 Austin A70, A90
X1560	DUFOR	1	1.414	0.341	4.655	1955-60 Austin A90, A95
5080		1	1.413	0.341	4.656	

		1	1.502	0.341	4.336	
5058		2	1.416	0.341	4.652	
1262EIN	Ate	1	1.378	0.352	4.328	

Screw Stem

		3	1.246	0.499	4.201	
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Tapered Collets

Number	Make	Qty	Head Diameter (in)	Stem Diameter (in)	Total Length (in)	Vehicle
Taper Narrower at Top of Stem						
		1	1.179	0.272	4.003	
		2	1.184	0.272	4.016	
		1	1.395	0.309	5.295	
9652	TRANCO	1	1.746	0.339	3.699	
		1	1.411	0.339	4.690	
		4	1.471	0.339	5.609	
7004		3	1.414	0.339	5.050	
2536 LL12		1	1.700	0.341	3.809	
2052		1	1.700	0.341	4.681	
125915R2	USA	1	1.617	0.370	5.466	
		1	1.534	0.374	4.767	
Taper Wider at Top of Stem						
2150 (valve) VG174 (guide)		2	1.559	0.309	4.296	
111010		1	1.651	0.309	4.295	
2092		3	1.497	0.310	4.297	
S3575-12248		8	1.300	0.313	3.996	
136584		1	1.279	0.340	4.292	
HOLDEN						
	Holden	2	1.491	0.338	4.508	
	Holden	1	1.340	0.340	4.546	
	Holden	2	1.508	0.340	4.506	
	Holden	2	1.756	0.340	5.223	
	Holden	1	1.218	0.340	4.574	