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AMATEUR RADIO

SERVICE VALVE EQUIPMENTS



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(REVISED)
EDITION

AN R.S.G.B. PUBLICATION

SERVICE VALVE EQUIVALENTS



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FOREWORD

THIS booklet has been prepared by the Incorporated Radio Society of Great Britain to meet the demand for comprehensive lists of the commercial equivalents to valve codes used by the Services.

As the compilation has been based on the inclusion of types likely to be of general interest, valves having ratings above 150 watts dissipation have in general been excluded. Obsolete types and those of a secret nature are also omitted for obvious reasons. Continental types have been included, as the coding of such valves is not widely known.

During the early stages of the 1939-45 war it was the policy of each Service to use its own code number for identifying any given valve, with the result that any *one* type of valve might have at least three different Service numbers. As the war proceeded such confusion arose that it was agreed to combine, as far as possible, the valves of all Services under a "CV" or "Common Valve" heading. Eventually all valves will be known only by their "CV" number.

The lists are grouped into their original Service sections, and where possible other Service equivalents are given. The sections are prefaced by an explanation as to the meaning of the coding of the various letters and figures used. In every case the "CV" number is given and if reference is made to Section 4 (CV Valves) which follows the Service sections, the commercial code and the manufacturers' name can be found. The "CV" Section is prefaced by a list of abbreviations of the manufacturers' names used in this section. It has not been possible to include all the commercial codes for any specific valve because in many instances a given type may be made by six or seven different firms all having a different number, but representative well-known types are given so that it should not be difficult to ascertain the characteristics. The Continental Section contains an explanation of the classification used and a list of the more common basing connections.

In response to many requests this Edition embraces a comprehensive list of Service-type Cathode Ray Tubes and their commercial equivalents. Additionally the original "CV" list has been considerably extended.

J.C.

Section I

NAVY VALVES

NC .. Navy Cathode Ray Tubes. NT .. Navy Transmitting.
 NGT .. Navy Gas Triode. NU .. Navy Rectifying.
 NR .. Navy Receiving.

Type No.	Other Numbers			Type No.	Other Numbers		
	CV.	Army	R.A.F.		CV.	Army	R.A.F.
NC1	950	—	—	NR35	1163	—	—
NC2	951	—	—	NR37	1164	—	—
NC3	952	—	—	NR38	1165	—	—
NC4	953	—	—	NR39	1118	ARP1	VR118
NC5	954	—	—	NR41	1083	ARP13	VR83
NC6	955	—	—	NR42	1166	AR5	—
NC7	956	—	—	NR43	1167	—	—
NC8	957	—	—	NR44	1168	—	—
NC9	958	—	—	NR45	1169	—	—
NC10	959	—	—	NR46	1170	—	—
NC11	960	—	—	NR47	1040	—	VR40
NC12		—	—	NR48	1055	AR21	VR55
NC13	961	—	—	NR49	1056	—	VR56
NC13A	987	—	—	NR50	1171	—	—
NC14	962	—	—	NR51	1172	—	—
NC16	964	—	—	NR52	1173	—	—
NC17	965	—	—	NR53	1174	—	—
NC18	966	—	—	NR54	1175	—	—
NC19	967	—	—	NR55	1109	AR7	VR109
NC20	989	—	—	NR56	1178	—	—
NGT1	1141	—	—	NR57	1179	—	—
NGT2	1128	—	VGT128	NR58	1180	—	—
NGT4	1143	—	—	NR59	1181	ARP25	—
NR15	1151	—	—	NR60	1182	—	—
NR15A	1152	—	—	NR61	1183	—	—
NR16	1153	—	—	NR66	1187	—	—
NR16A	1154	—	—	NR67	1280	ARH1	—
NR18	1156	—	—	NR68	587	—	—
NR22	1158	—	—	NR69	1103	—	VI103
NR23	1159	—	—	NR70	1124	ARP23	VR124
NR26	1038	—	VR28	NR71	1129	—	—
NR27	1160	—	—	NR72	1188	—	—
NR27A	1161	—	—	NR73	1285	—	—
NR28	1019	—	VR19	NR74	1189	ATP35	—
NR31	1037	AR17	VR37	NR75	1190	—	—

Type No.	Other Numbers			Type No.	Other Numbers		
	CV.	Army	R.A.F.		CV.	Army	R.A.F.
NR76	1191	—	—	NT20	1208	—	—
NR77	1286	—	—	NT36	1219	—	—
NR78	581	—	—	NT37	1220	—	—
NR79	1192	ARP21	—	NT38A	1221	ARP75	—
NR80	1135	—	VR135	NT39	1222	AT75	—
NR81	1941	—	—	NT40	1223	—	—
NR82	1193	—	VR99	NT58	1288	—	VT62
NR83	1074	ARP16	VT74	NT62	1237	—	—
NR84	1194	—	—	NT65A	1240	—	—
NR85	1186	ARP17	—	NT82	1246	—	—
NR86	1195	ARP15	—	NU3	1064	AU3	VU64
NR87	1196	—	—	NU5	1261	—	—
NR88	1197	—	—	NU12	1264	AU1	—
NR94	1198	—	—	NU13	1265	—	—
NR95	1502	—	VR502	NU16	1072	AU6	VU72
NS1	1069	—	VS69	NU17	1039	AU3A	VU39
NS3	1200	—	—	NU18	1113	AU4	VU113
NS4	1201	—	—	NU20	1268	AU13	—
NS5	1202	—	—	NU31	1279	—	—
NT17	1205	—	—	NU33	1290	—	VU120
NT18	1206	—	—	NU34	1134	—	VU134

Section 2

R.A.F. VALVES

VCR .. Valve Cathode Ray. VS .. Valve Stabilising.
 VGT .. Valve Gas Triode. VT .. Valve Transmitting.
 VI .. Valve Indicating. VU .. Valve Rectifying.
 VR .. Valve Receiving.

Type No.	Other Numbers			Type No.	Other Numbers		
	CV.	Navy	Army		CV.	Navy	Army
VCR84	1084	—	—	VR44	1044	—	—
VCR85	1085	—	—	VT45	1045	—	—
VCR86	1086	—	—	VR46	1046	—	—
VCR87	1087	—	—	VR47	1047	—	—
VCR97	1097	—	—	VR49	1049	—	—
VCR112	1112	—	—	VT50	1050	—	—
VCR131	1131	—	—	VT51	1051	—	—
VCR131A	1548	—	—	VT52	1052	—	—
VCR138	1138	—	—	VR53	1053	—	ARP34
VCR138A	1587	—	—	VR54	1054	—	ARDD5
VCR139A	1588	—	ACR10	VR55	1055	NR48	AR21
VCR511	1511	—	—	VR56	1056	NR49	—
VCR514	1514	—	—	VR57	1057	—	—
VCR515	1515	—	—	VR59	1059	—	—
VCR518	1518	—	—	VT60	1060	—	—
VR18	1018	21555 (G)	—	VT60A	1572	—	ATS25
VR19	1019	NR28 PM 2	—	VT61	1061	—	—
VT20	1020	220P	—	VT61A	1573	—	—
VR21	1021	2101P	AR9	VT62	1062	NT58	—
VR22	1022	220PA	—	VU64	1064	NU3	AU3
VT23	1023	230XP	—	VR65	1065	—	ARP36
VT25	1025	DET 20	AT35	VR65A	1574	—	ARP19
VR27	1027	210LF	—	VR66	1066	—	—
VR28	1028	220V8G	—	VR67	1067	—	—
VU29	1029	ESU158	—	VS68	1068	—	AW4
VR32	1032	2208	AR16	VS69	1069	NS1	—
VR35	1035	QP21	—	VS70	1070	—	AW2
VR37	1037	NR31	AR17	VU71	1071	—	—
VR38	1038	NR26	MH4	VU72	1072	NU16	AU6
VU39	1039	NU17	AU3A	VT73	1073	—	—
VU39A	1569	—	—	VT74	1074	NR83	ARP16
VR40	1040	NR47	Px25	VT75	1075	—	—
VR41	1041	—	—	VT75	1576	—	—
VR43	1043	—	—	A & B	1577	—	—

Type No.	Other Numbers			Type No.	Other Numbers		
	CV.	Navy	Army		CV.	Navy	Army
VT76	1076	—	—	VU113	1113	NU18	AU4
VI77	1077	—	AW6	VR116	1116	—	—
VR78	1078	—	ARD2	VR117	1117	—	—
VT79	1079	—	—	VR118	1118	NR39	ARP1
VT80	1080	—	—	VR119	1119	—	—
VT81	1081	—	—	VU120	1120	NU33	—
VR82	1082	—	—	VGT121	1121	—	—
VR83	1083	NR41	ARP13	VR122	1122	—	—
VT88	1088	—	—	VR123	1123	—	—
VR91	1091	—	ARP35	VR124	1124	NR70	ARP23
VR91A	1578	—	—	VR125	1125	—	—
VR92	1092	—	—	VR126	1126	—	—
VR95	1095	—	—	VT127	1127	—	—
VR95A	1579	—	—	VGT128	1128	NGT2	—
VT96	1096	—	—	VR129	1129	—	—
VR99	1099	—	—	VR130	1130	—	—
VR100	1100	—	—	VU133	1133	—	—
VR101	1101	—	—	VU134	1134	NU34	—
VR102	1102	—	—	VR135	1135	—	—
VI103	1103	NR69	—	VR136	1136	—	—
VT104	1104	—	—	VR137	1137	—	—
VR105	1105	—	—	VT501	1501	—	—
VR106	1106	—	ARP3	VR502	1502	—	—
VR107	1107	—	—	VR503	1503	—	—
VR108	1108	—	—	VU505	1505	—	—
VR109	1109	NR55	AR7	VU508	1508	—	—
VS110	1110	—	AW3	VT510	1510	—	—
VU111	1111	—	AU5				

Section 3

ARMY VALVES

ACR ..	Army Cathode Ray Tube.	ARTP ..	Army Receiving Triode Pentode.
AR ..	Army Receiving Valve.		
ARD ..	Army Receiving Diode.	AT ..	Army Transmitting Triode.
ARDD ..	Army Receiving Double Diode.	ATP ..	Army Transmitting Pentode.
ARH ..	Army Receiving Hexode.	ATS ..	Army Transmitting Tetrode (Screen-grid).
ARP ..	Army Receiving Pentode.	AU ..	Army Rectifier.
ARS ..	Army Receiving Tetrode (Screen-grid).	AW ..	Army Gas Filled Valve (Stabiliser).
ARTH ..	Army Receiving Triode Hexode.		

Type No.	Other Numbers			Type No.	Other Numbers		
	CV.	Navy	R.A.F.		CV.	Navy	R.A.F.
ACR10	1382	—	VCR139A	ARP1	1118	NR39	VR118
ACR12	1384	—	—	ARP2	1320	—	—
AD1	1314	—	—	ARP3	1321	—	VR106
AR4	1303	—	—	ARP4	1322	—	—
AR5	1166	NR42	VR22	ARP5	1323	—	—
AR6	1304	NR42	VR22	ARP6	1324	—	—
AR7	1109	NR55	VR109	ARP7	1325	—	—
AR8	1306	—	—	ARP8	1326	—	—
AR9	1307	—	VR21	ARP9	1327	—	—
AR10	1308	—	—	ARP10	1329	—	—
AR11	1309	—	—	ARP11	1330	—	—
AR12	1310	—	—	ARP12	1331	—	—
AR13	1311	—	—	ARP13	1332	NR41	VR83
AR14	1312	—	—	ARP14	1333	—	—
AR15	1313	—	—	ARP15	1195	NR86	—
AR16	1032	—	VR32	ARP16	1074	NR83	VT74
AR17	1037	NR31	VR37	ARP17	1186	NR85	—
AR20	1316	—	—	ARP18	1334	—	—
AR21	1055	NR48	VR55	ARP19	1335	—	VR65A
ARD2	1078	—	VR78	ARP20	1336	—	—
ARD4	1302	—	—	ARP21	1192	NR79	—
ARDD1	1300	—	—	ARP22	1337	—	—
ARDD3	1301	—	—	ARP23	1124	NR70	VR124
ARDD5	1054	—	VR54	ARP24	1338	—	—
ARH1	1280	NR67	—	ARP25	1181	NR59	—

Type No.	Other Numbers			Type No.	Other Numbers		
	CV.	Navy	R.A.F.		CV.	Navy	R.A.F.
ARP26	1340	—	—	ATP35	1370	NT74	—
ARP33	1341	—	—	ATP75	1371	NT38	—
ARP34	1053	—	VR53	ATP100	1372	—	—
ARP35	1091	—	VR91	ATS25	1374	—	VT60A
ARP36	1065	—	VR65	ATS25A	1364	—	VT60A
ARP37	1342	—	—	ATS70	1365	—	—
ARP38	1343	—	—	AU1	1264	NU12	—
ARS6	1317	—	—	AU3	1064	NU3	VU64
ARS7	1318	—	—	AU3A	1039	NU17	VU39
ARS8	1319	—	—	AU4	1113	NU18	VU113
ARTH1	1944	—	—	AU5	1111	—	VU111
ARTH2	1347	—	—	AU6	1072	NU16	VU72
ARTP1	1344	—	—	AU8	1356	—	—
ARTP2	1345	—	—	AU12	2853	NU13A	—
AT20	1361	—	—	AU13	—	NU20	—
AT35	1025	—	VT25	AW2	1070	—	VS70
AT75	1222	NT39	—	AW3	1110	—	VS110
ATP4	1366	—	—	AW4	1068	—	VS68
ATP5	1367	—	—	AW5	1359	—	—
ATP7	1368	—	—	AW6	1077	—	VI77
ATP10	1369	—	—				

Section 4 "COMMON VALVE" (CV) TYPES

The following abbreviations have been used in this section to indicate the names of valve manufacturers :—

Cos. .. Cossor.	MOV .. Marconi or Osram.
Edi. .. Ediswan.	Mul. .. Mullard.
EMI .. Gramophone Co., Ltd.	Maz. .. Mazda.
Fer. .. Ferranti.	STC .. Standard Telephones & Cables (Brimar).
GEC .. General Electrical Co.	Tun. .. Tungsram.
USA .. American Valve Types.	

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
5	GU21 (MOV)	88	S28A, 3A/148J (STC)
6	DET20 (MOV)	101	Crystal Diode
9	AL60 (Mul.)	102	Crystal Diode
16	S25A, 3A/145J (STC)	103	Crystal Diode
18	DET19 (MOV), 4074A (STC), RK34 (USA)	105	Noise Diode E1371 (MOV)
20	V1906 (Maz.)	111	Crystal Diode
24	HL41 (MOV)	112	Crystal Diode
25	4242A (STC), 242 (USA)	113	Crystal Diode
26	813 (USA), 5C/100A (STC)	118	SP61 (Maz.)
31	U20 (MOV), FW4-500 (Mul.)	124	807 (USA), 5B/250A (STC)
32	866A (USA), 2V/400A (STC), RG3/250A (Mul.)	127	S30A, 3B/401J (STC)
45	S130 (Cos.)	131	9D6 (STC), EF92 (Mul.), W77 (MOV)
49	HK54 (USA), 3B/501A (STC)	133	6C4 (USA), L77 (MOV)
53	S26A, 3A/146J (STC)	135	EY91 (Mul.), U77 (MOV)
65	Pen25 (Maz.)	136	7D9 (STC), EL91 (Mul.), N77 (MOV)
66	RL37 (Mul.)	137	EAC91 (Mul.)
82	S27A, 3A/147J (STC)	138	8D3 (STC), Z77 (MOV), EF91 (Mul.), 6F12 (Maz.)
84	4033A, 3B/102B (STC)		
87	KRN2 (EMI)	139	EC91 (Mul.)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
140	6AL5 (USA), D77 (MOV), EB91 (Mul.), DD6 (Fer.)	535	12J5GT (USA)
152	GU21 (MOV), 4049C (STC), RG3-1250 (Mul.)	537	12SA7 (USA)
171	210VPT (Cos.), VS2, W21 (MOV)	538	12SA7GT (USA)
173	EF55 (Mul.) <i>cv 296</i>	540	12SC7 (USA)
175	XSG1-5 (Hivac)	543	12SK7 (USA)
176	XP1-5 (Hivac)	544	12SK7GT (USA)
181	ECC32 (Mul.)	546	12SQ7 (USA)
185	PM202 (Mul.)	547	12SQ7GT (USA)
187	U19 (MOV)	549	25A6 (USA)
190	DLS10 (Edi.)	550	25A6GT (USA)
200	MZ2-200 (Maz.)	551	25L6G (USA)
220	631PI (Strobotron)	552	25L6 (USA)
230	DV55 (STC)	553	25L6GT (USA)
248	GS16 (Photocell)	555	25Z5 (USA)
261	R10, 2T/270K (STC)	558	25Z6 (USA)
281	X61M (MOV)	559	25Z6GT (USA)
302	ECH22 (Mul.)	561	35L6 (USA)
303	EF22 (Mul.)	562	35L6GT (USA)
304	EL22 (Mul.)	564	35Z3 (USA)
305	EF51 (Mul.)	565	35Z3GT (USA)
327	EF52 (Mul.)	567	35Z5 (USA)
346	EZ22 (Mul.), 7Z4 (USA)	568	35Z5GT (USA)
386	DF70 (Mul.)	571	50L6GT (USA)
387	DL72 (Mul.)	572	6X5G (USA), U70 (MOV)
500	6T7G (USA)	573	6X5 (USA)
504	6U5-6G5 (USA)	574	6X5GT (USA)
506	6V5G (USA)	575	5U4G (USA), U52 (MOV)
509	6V6G (USA)	578	6A8G (USA), X63 (MOV)
510	6V6 (USA)	579	6A8 (USA)
511	6V6GT (USA)	580	6A8GT (USA)
512	6W7G (USA)	581	6C5G (USA)
515	6Y6G (USA)	582	6C5 (USA)
522	7B7 (USA)	583	6C5GT (USA)
524	TT12 (MOV)	585	6C6 (USA)
525	12A6 (USA)	587	6Q7G (USA), DH63 (MOV)
526	12A6GT (USA)	588	6Q7 (USA)
529	12AH7GT (USA)	589	6Q7GT (USA)
531	12C8 (USA)	590	6SJ7G (USA)
534	12J5 (USA)	591	6SJ7 (USA)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
592	6SJ7GT (USA)	642	872A (USA)
594	6SH7 (USA)	643	874 (USA)
595	6SH7GT (USA)	644	875 (USA)
597	2X2-879 (USA)	645	876 (USA)
599	1851 (USA)	647	884 (USA)
600	5CPL (USA)	648	885 (USA)
601	5BP1-1802P1 (USA)	649	956 (USA)
602	3AP1-906P1 (USA)	650	958 (USA)
603	10 (USA)	651	991 (USA)
604	30 (USA)	652	1603 (USA)
606	37 (USA)	653	1611 (USA)
608	41 (USA)	654	1612 (USA)
609	42 (USA)	655	1613 (USA)
610	45 (USA)	656	1616 (USA)
611	56 (USA)	657	1620 (USA)
612	57 (USA)	658	1622 (USA)
613	58 (USA)	659	1625 (USA)
614	75 (USA)	660	1852-6AC7 (USA)
615	76 (USA)	661	1853 (USA)
616	77 (USA)	662	8012 (USA)
617	80 (USA)	663	8025 (USA)
618	83 (USA) 22V/310A (STC)	664	9002 (USA)
619	84 (USA)	665	9003 (USA)
620	211 (USA), 4211 (STC)	666	9004 (USA)
621	801 (USA)	667	9005 (USA)
622	802 (USA)	668	35T (USA), DET18 (MOV)
623	803 (USA)	669	279A (USA)
624	804 (USA)	670	645 (USA)
625	805 (USA)	683	316A (USA), 4316A (STC)
626	808 (USA)	686	OC3/VR105-30 (USA)
627	810 (USA)	690	RK48A (USA)
628	811 (USA)	692	OZ4 (USA)
629	814 (USA)	694	12SG7 (USA)
630	826 (USA)	697	12SJ7 (USA)
631	828 (USA)	698	12SJ7GT (USA)
632	829 (USA)	700	12SR7 (USA)
634	832 (USA)	703	12K8 (USA)
636	836 (USA)	705	1D5GP (USA)
637	837 (USA)	706	6U7G (USA), KTW63 (MOV)
638	838 (USA)	709	RX235 (USA)
639	843 (USA)		
640	860 (USA)		

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
710	WE368A (USA)	780	1LH4 (USA)
711	32 (USA)	781	1LN5 (USA)
712	38 (USA)	782	1R5 (USA), DK91 (Mul.), X17 (MOV)
717	5R4GY (USA)	783	1S4 (USA)
718	5FP7 (USA)	784	1S5 (USA), DAF91 (Mul.), ZD17 (MOV)
719	2J21A (USA)	785	1T4 (USA), DF91 (Mul.), W17 (MOV)
720	723A (USA)	786	1T5 (USA)
721	1D24 (USA)	788	832A (USA)
722	725A (USA)	797	2D21 (USA)
723	1619 (USA)	803	2V3 (USA)
724	816 (USA)	804	2V3G (USA)
725	1B24 (USA)	807	3A4 (USA)
726	35Z3LT (USA)	809	3A/105B (STC)
727	1N21 (USA)	812	3B24 (USA)
728	1P5GT (USA)	814	3BP1 (USA)
729	5V4G (USA)	815	3D6/1299 (USA)
730	6A3 (USA)	816	3DP1 (USA)
731	6F6GT/G (USA), KT63 (MOV)	818	3Q4 (USA)
732	6W4GT (USA)	819	3Q5GT/G (USA)
733	8D (USA)	820	3S4 (USA), DL92 (Mul.), N17 (MOV)
734	228A (USA)	823	4C29 (USA)
735	845 (USA)	834	5B/300B (STC)
736	905 (USA)	840	5H4 (USA)
737	906 (USA)	841	5U4GT (USA)
738	953 (USA)	842	5W4G (USA)
742	FG67 (USA)	843	6N5 (USA)
743	GET2 (USA)	844	6AC5G (USA)
744	GET4½ (USA)	845	6AC5GT (USA)
745	HK24 (USA)	846	6AC7 (USA)
747	6AC7-6AJ7 (USA)	847	6AF6G (USA)
753	1A3 (USA)	848	6AG5 (USA)
755	1A5G (USA)	849	6AJ7 (USA)
756	1A5GT (USA)	850	6AK5 (USA)
759	1B5/25S (USA)	851	6B4G (USA)
760	1B7GT (USA)	852	6C4 (USA)
761	1B22 (USA)	856	6G8G (USA)
764	1D5 (STC)	857	6H7G (USA)
775	1LA6 (USA)	858	6J6 (USA), ECC91 (Mul.)
776	1LB4 (USA)	860	6K5G (USA)
777	1LC5 (USA)		
778	1LC6 (USA)		
779	1LD4 (USA)		

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
861	6K5GT (USA)	941	HK24 (USA)
862	6L5G (USA)	948	32L7GT (USA)
876	7A6 (USA)	950	4053A (STC)
877	7A7 (USA)	951	32A (Cos.)
878	7A8 (USA)	952	4081 (MOV)
879	7B4 (USA)	953	32G (Cos.)
880	7B5 (USA)	954	322OK (Cos.)
882	7B6 (USA)	955	4409 (MOV)
883	7B8 (USA)	956	4602 (MOV)
884	7BP7 (USA)	957	32E (Cos.)
885	7C5 (USA)	958	26J (Cos.)
886	7C6 (USA)	959	See CV954
888	7D7 (STC)	960	4607 (MOV)
889	7D8 (STC)	961	V1047 (Maz.)
890	7E5 (USA)	962	ECR60P (Mul.)
891	7E6 (USA)	963	09J (Cathode Ray Tube)
892	7E7 (USA)	964	Selected CV1588
893	7F7 (USA)	965	Modified CV1520
894	7G7/1232 (USA)	966	Modified CV1385
895	7H7 (USA), W148 (MOV)	967	4053A (STC)
896	7K7 (USA)	987	V1047 (Maz.)
897	7J7 (USA)	989	See CV1131
898	7N7 (USA)	1018	215SG (Cos.)
899	7Q7 (USA)	1019	P215-PM2 (Mul.)
900	7R7 (USA)	1020	220P (Cos.)
901	7Y4 (USA)	1021	210LF (Cos.)
902	7W7 (USA)	1022	220PA (Cos.)
908	12A5 (USA)	1023	230XP (Cos.)
909	12A7 (USA)	1025	DET25 (MOV)
910	12A8GT (USA)	1027	210LF (Cos.)
911	12B8GT (USA)	1028	220VSG (Cos.)
916	12H6 (USA)	1029	ESU150 (Edi.)
917	12J7GT/G (USA)	1032	220B (Cos.)
918	12K7GT/G (USA)	1034	DET3 (MOV)
919	12SF5 (USA)	1035	QP21 (MOV)
920	12SF5GT (USA)	1037	MH4 (MOV)
921	12SF7 (USA)	1038	MHL4 (MOV)
922	12SH7 (USA)	1039	MU14 (MOV), 1W4 (Mul.), R3 (STC)
924	12SL7GT (USA)	1040	PP5/400 (Maz.) PX25 (MOV)
925	12SN7GT (USA)	1041	PM12M (Mul.)
929	13SPA (Cos.)	1043	210PG (Cos.)
930	14F7 (USA)		
933	15E (USA)		

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
1044	210DDT (Cos.)	1082	220TH (Cos.)
1045	X56 (MOV)	1083	210VPT (Cos.)
1046	PT25H (MOV)	1084	4407 (GEC)
1047	TZ05-20 (Mul.)	1085	4605 (GEC)
1049	210SPT (Cos.)	1086	4502 (GEC)
1050	HL2K (MOV)	1087	4410 (GEC)
1051	Pen220A (Maz.)	1088	832 (USA)
1052	EL32 (Mul.)	1091	EF50 (Mul.), Z90 (MOV)
1053	EF39 (Mul.)	1092	EA50 (Mul.), 6D1 (Maz.)
1054	EB34 (Mul.)	1095	ZA2 (MOV), 954 (USA)
1055	EBC33 (Mul.)	1096	5B/502A (STC)
1056	EF36 (Mul.)	1097	ECR60 (Mul.), 4201/4/6 (GEC)
1057	EK32 (Mul.)	1099	X66 (MOV)
1059	HA2 (MOV), 955 (USA)	1100	KTW62 (MOV)
1060	807 (USA), 5B/250A (STC)	1101	MHLD6 (MOV)
1061	RK34 (USA), DET19 (MOV), 4074A (STC)	1102	BL63 (MOV)
1062	TY1-50 (Mul.), DET12 (MOV), 834 (USA)	1103	Y63 (MOV), 6U5G (STC)
1064	U12/14 (MOV)	1104	PT15 (MOV)
1065	SP61 (Maz.)	1105	ML6 (MOV)
1066	P61 (Maz.)	1106	9D2 (STC)
1067	6J5G (USA), L63 (MOV)	1107	15D2 (STC)
1068	STV/280/40 (MOV)	1108	8D2 (STC)
1069	STV/280/80 (MOV)	1109	4D1 (STC)
1070	7475 (Mul.)	1110	S130 (Cos.)
1071	5U4G (USA), U52 (MOV)	1111	V1907 (Maz.)
1072	GU50 (MOV)	1112	V1026 (Maz.)
1073	H63 (MOV), 6F5G (USA)	1113	U17 (MOV)
1074	6J7G (USA), KTZ63 (MOV)	1116	V872 (Maz.) VR 6.5 9
1075	KT66 (MOV)	1117	41MTL (MOV)
1076	DA41 (MOV), TZ40 (USA)	1118	KT2 (MOV)
1077	EM31 (Mul.)	1119	DDL4 (Cos.)
1078	D1 (Maz.)	1120	SU2150A (Cos.)
1079	KT8 (MOV)	1121	T41 (Maz.)
1080	4307A (STC)	1122	41MXP (Cos.)
1081	4052A (STC)	1123	EF8 (Mul.)
		1124	MS/Pen (Cos.)
		1125	MS/PenB (Cos.)
		1126	4SH (Cos.)
		1127	Pen46 (Maz.)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
1128	GT1C (MOV)	1180	244V (Mul.)
1129	MS/Pen (Cos.)	1181	KT41 (MOV), AC2Pen (Maz.), PenA4 (Mul.)
1130	HL23 (Maz.)	1182	H42 (MOV)
1131	41DS	1183	W42 (Maz.)
1133	V960 (Maz.)	1186	6F6G (USA), KT63 (MOV)
1134	HVR2 (Mul.)	1187	D41 (MOV)
1135	E1148 (MOV)	1188	N43 (MOV)
1136	RL7, EF54 (Mul.)	1189	AC6Pen (Maz.)
1137	RL16, EC52 (Mul.)	1190	ACP4 (Maz.)
1138	4203/4/3 (GEC), ECR35 (Mul.)	1191	KTZ41 (MOV)
1141	GDT4C (Cos.)	1192	Z62 (MOV)
1143	GT1A (MOV)	1193	X65 (MOV)
1151	PM4DX (Mul.), L410	1194	X41 (MOV), 20A1 (STC)
1152	(MOV)	1195	KTW63 (MOV)
1153	PM254 (Mul.)	1196	AC5PenDD (Maz.)
1154	PM4DX (Mul.), L410 (MOV)	1197	RL18, EC53 (Mul.)
1156	DEQ (MOV)	1198	ACP4 (Maz.)
1158	PM14 (Mul.)	1200	202 (Barreter) (MOV)
1159	ML4 (MOV), 104V (Mul.)	1201	4317 (Stabiliser) (Mul.)
1160	(Mul.)	1202	304 (Barreter) (MOV)
1163	PD220A (Maz.)	1205	E1007 (MOV)
1164	AC/SG (Maz.)	1206	DA60 (MOV), DO60 (Mul.)
1165	VMS4 (MOV)	1208	PM256 (Mul.)
1166	P220 (Maz.), LP2 (MOV)	1219	DA100 (MOV), MZ1-100 (Mul.)
1167	PM24A (Mul.)	1220	4033A (STC)
1168	PX4 (MOV)	1221	PT6 (MOV), SW75 (Pen) (Maz.), PZ1/75 (Mul.)
1169	VMP4G (MOV)	1222	ACT6 (MOV)
1170	D41 (MOV)	1223	DET5 (MOV)
1171	A40 (Maz.), AT4 (Mul.), HA1 (MOV)	1235	TY1-50 (Mul.), DET12 (MOV)
1172	VP4A (Mul.)	1237	PM24D (Mul.)
1173	354V (Mul.)	1238	PZ1-35 (Mul.)
1174	AC.Pen (Maz.), KT42 (MOV), Pen4VA (Mul.)	1240	PM202 (Mul.)
1175	ZA1 (MOV), AP4 (Mul.)	1246	RX3-120 (Mul.)
1176	(Mul.)	1261	GU1 (MOV)
1178	DO30 (Mul.), DA30 (MOV)	1262	RG1-125 (Mul.)
1179	AC/P (Maz.), ML4 (MOV)		

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
1264	U18 (MOV), FW4-500 (Mul.)	1317	S625 (MOV)
1265	U15 (MOV), RZ1-250 (Mul.)	1318	VS24 (MOV), S215 VM (Maz.)
1266	U4020 (Maz.)	1319	VS2 (MOV), PM12V (Mul.)
1267	5Y3G (USA), U50 (MOV)	1320	SP2 (Mul.)
1268	MU2 (Maz.)	1321	9D2 (STC), 13VPA (Cos.)
1279	X64 (MOV), 6L7G (USA)	1322	SP210 (Maz.)
1280	KTW61 (MOV)	1323	VP2 (Mul.)
1281	AC/S2/Pen (Maz.), MSP4 (MOV)	1324	SP4 (Mul.), 8A1 (STC)
1282	MS/Pen (Cos.), SP4 (Mul.)	1325	42MPT (Cos.)
1283	ECC31 (Mul.), 6N7G (USA)	1326	AC4/Pen (Maz.)
1285	EL35 (Mul.), 6L6G (USA)	1327	Pen1340 (Maz.)
1286	KT32 (MOV)	1328	7D8 (STC)
1287	DET12 (MOV), TY1-50 (Mul.)	1329	PenA4 (Mul.), APP4G (Tun.)
1288	SU2150A (Cos.), HVR2 (Mul.)	1330	TSP4 (Mul.)
1290	10D1 (STC)	1331	VP23 (Maz.)
1291	6H6G (USA), D63 (MOV)	1332	VP21 (MOV)
1300	D42 (MOV)	1333	220 IPT (Cos.)
1301	HL210 (Maz.), PM1HF (Mul.)	1334	KT24 (MOV)
1302	LP2 (MOV)	1335	SP41 (Maz.)
1303	HL23DD (Maz.)	1336	SP42 (Maz.)
1304	L21 (MOV), L2 (Maz.), PM1LF (Mul.)	1337	116/Pen (Cos.)
1306	TDD2A (Mul.), L21DD (Maz.), HD24 (MOV)	1338	220VPT (Cos.)
1307	4019B (STC)	1340	KT44 (MOV)
1308	4020A (STC)	1341	MSP4 (MOV)
1309	4022AR (STC)	1342	QP25 (Maz.)
1310	220RC (Cos.)	1343	KTZ73 (MOV)
1311	220LF (Cos.)	1344	TP22 (Maz.)
1312	DLS10 (Edi.)	1345	TP25 (Maz.)
1313	4021B (STC)	1347	ECH35 (Mul.)
1314		1356	U22 (Maz.)
1316		1359	ME41 (Maz.)
		1361	MZ05-20 (Mul.)
		1363	DET16 (MOV)
		1364	807 (USA), 5B/250A (STC)
		1365	4282B (STC)
		1366	V248A (Maz.)
		1367	V245 (Maz.)
		1368	V226 (Maz.)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
1369	4061A (STC)	1444	42SPT (Cos.)
1370	PV1/35 (Mul.)	1445	4012A (STC)
1371	PT6 (MOV), PZ1/75 (Mul.)	1446	4017B (STC)
1372	4069A (STC)	1447	4030C (STC)
1374	807 (USA), 5B/250A (STC)	1448	4043C (STC)
1382	3223D (Cos.)	1449	4064B (STC)
1385	ACR13 (Cathode Ray Tube)	1450	4228A (STC)
1400	C1C (Barreter) (Mul.)	1451	4274 (STC)
1401	CL33 (Mul.)	1452	4300A (STC)
1402	CY31 (Mul.)	1453	4378 (STC)
1403	DD41 (Maz.)	1454	225DU (Cos.)
1404	EF36 (Mul.)	1455	41IU (Cos.)
1405	E1199 (MOV)	1456	PEN383 (Maz.)
1407	PEN45 (Maz.)	1458	41MP (Cos.)
1408	P41 (Maz.)	1459	MU2 (Maz.)
1409	SP2 (Mul.)	1460	X41 (MOV)
1410	TH2 (Mul.)	1461	U22 (Maz.)
1411	TH41 (Maz.)	1462	A915 (MOV)
1412	TV4 (Mul.)	1463	CBL31 (Mul.)
1413	UU6 (Maz.)	1464	EF39 (Mul.)
1414	VP41 (Maz.)	1466	P57 (Mul.)
1415	4011A (STC)	1467	PY3/600 (Mul.) (CV1373)
1418	10D1 (STC)	1468	SP4 (Mul.)
1419	11D3 (STC)	1469	Z22 (MOV)
1422	3D/100A (STC)	1470	3P/270B (STC)
1423	9D2 (STC)	1471	4094A (STC)
1424	20A1 (STC)	1501	TT11 (MOV)
1425	7D5 (STC)	1502	KT32 (MOV)
1426	EK2 (Mul.)	1503	KT33C (MOV)
1427	EF9 (Mul.)	1505	MH41 (MOV)
1428	EBC3 (Mul.)	1508	V1913 (Maz.)
1429	EL2 (Mul.)	1510	E1242 (MOV)
1430	ACSP3RH (Maz.)	1511	4608 (GEC)
1433	EC31 (Mul.)	1514	9RTEB
1434	EM4 (Mul.)	1515	MX1 (EMI)
1435	GU20 (MOV)	1518	O9J (Cos.)
1436	HL2K (MOV)	1565	230XP (Cos.)
1437	KT44 (MOV)	1569	R3 (STC)
1438	KT61 (MOV)	1570	EK32 (Mul.)
1443	U10 (MOV)	1572	807 (USA), 5B/250A (STC)
		1573	4074B (STC)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
1574	SP41 (Maz.)	1812	1E7G (USA)
1575	U52 (MOV), 5U4G (USA)	1817	1G4GT (USA)
1576	KT44T (MOV)	1818	1H5G (USA), HD14 (MOV)
1577	KT44 (MOV)	1820	1H5GT (USA)
1578	EF50 (Mul.)	1821	1N5G (USA), Z14 (MOV)
1579	954 (USA) ZA2 (MOV)	1823	1N5GT (USA)
1581	ECH35 (Mul.)	1824	1Q5G (USA)
1585	T41 (Maz.)	1826	1Q5GT (USA)
1586	HL23 (Maz.)	1829	1T5GT (USA)
1587	4203 (GEC)	1831	2A3 (USA)
1588	4101 (GEC), 23D (Cos.), ECR30 (Mul.)	1834	2A5 (USA)
1599	8D2 (STC), 13SPA (Cos.)	1837	2B7 (USA)
1620	DET6 (MOV), 4094A (STC)	1840	2SK7 (USA)
1621	ESW501 (Edi.)	1843	2Y2 (USA)
1623	RG1-125 (Mul.)	1846	5T4 (USA)
1625	RG3-250 (Mul.)	1849	5W4 (USA)
1626	RG1-240 (Mul.), GU50 (MOV)	1851	5X4G (USA)
1751	34 (USA)	1854	5Y3 (USA)
1752	35/51 (USA)	1856	5Y3GT (USA), U50 (MOV)
1753	35A5 (USA)	1857	5Y4G (USA)
1754	35TG (USA)	1861	5Z3 (USA)
1755	1626 (USA)	1863	5Z4G (USA), U50 (MOV)
1757	9001 (USA)	1864	5Z4 (USA)
1758	1L4 (USA)	1867	6A6 (USA)
1759	2C26A (USA)	1870	6A7 (USA)
1762	6AK6 (USA)	1873	6AB7 (USA)
1763	6J4 (USA)	1876	1852 (USA)
1784	6AK7 (USA)	1878	6AD7G (USA)
1785	1N26 (USA)	1882	6AG7 (USA)
1790	7Z4 (USA)	1885	6B5 (USA)
1794	959 (USA)	1887	6B6G (USA)
1800	1A7G (USA), X14 (MOV)	1890	6B7G (USA)
1802	1A7GT (USA)	1891	6B7 (USA)
1803	1C5G (USA), N14 (MOV)	1893	6B8G (USA)
1805	1C5GT (USA)	1894	6B8 (USA)
1806	1D5G (USA)	1896	6C8G (USA)
1811	1D8GT (USA)	1900	6D6 (USA)
		1902	6D8G (USA)
		1906	6E5 (USA)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
1909	6F5 (USA)	1966	6SA7 (USA)
1910	6F5GT (USA)	1967	6SA7GT (USA)
1911	6F6G (USA)	1969	6SC7 (USA)
1912	6F6 (USA)	1972	6SF5 (USA)
1915	6F7 (USA)	1973	6SF5GT (USA)
1917	6F8G (USA)	1974	6S7G (USA)
1918	6F8 (USA)	1978	6SG7 (USA)
1922	6FL7GT (USA)	1981	6SK7 (USA)
1925	6FN7GT (USA)	1982	6SK7GT (USA)
1926	6G6G (USA)	1984	6SL7 (USA)
1929	6H6G (USA), D63 (MOV)	1985	6SL7GT (USA)
1930	6H6 (USA)	1986	6SN7G (USA)
1931	6H6GT (USA)	1988	6SN7GT (USA)
1932	6J5G (USA), L63 (MOV)	1990	6SQ7 (USA)
1933	6J5 (USA)	1991	6SQ7GT (USA)
1934	6J5GT (USA)	1993	6SS7 (USA)
1935	6J7G (USA)	1995	6ST7G (USA)
1936	6J7 (USA)	1996	6ST7 (USA)
1937	6J7GT (USA), KTW63 (MOV)	1999	1V (USA)
1938	6K6G (USA)	2500	35Z4GT (USA)
1940	6K6GT (USA)	2501	40 (USA)
1941	6K7G (USA)	2502	41FP (Cos.)
1942	6K7 (USA)	2503	41MH (Cos.)
1943	6K7GT (USA)	2504	41MHL (Cos.)
1944	6K8G (USA)	2505	41MPG (Cos.)
1945	6K8 (USA)	2506	41MPT (Cos.)
1946	6K8GT (USA)	2508	41STH (Cos.)
1947	6L6G (USA)	2509	41(XP)FP (Cos.)
1948	6L6 (USA)	2511	420T (Cos.)
1950	6L7G (USA), X64 (MOV)	2512	420TDD (Cos.)
1951	6L7 (USA)	2513	42PAY (Cos.)
1953	6N6G (USA)	2514	43 (USA)
1956	6N7G (USA)	2530	45Z5GT (USA)
1957	6N7 (USA)	2531	46 (USA)
1958	6N7GT (USA)	2532	49 (USA)
1960	6R6 (USA)	2533	50 (USA)
1962	6R7G (USA)	2534	50L6 (USA)
1963	6R7 (USA)	2535	53 (USA)
1964	6R7GT (USA)	2536	53A (USA)
		2537	55 (USA)
		2538	59 (USA)
		2544	78 (USA)
		2545	79 (USA)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
2546	81 (USA)	2787	R7011 (USA)
2547	83V (USA)	2788	P610 (MOV)
2548	84 (USA)	2789	ZP455 (USA)
2549	85 (USA)	2806	AC/2HL (Maz.)
2550	100T (USA)	2807	
2551	100TH (USA)	2808	AC/2Pen (Maz.)
2556	117L7GT (USA)	2809	AC/5Pen (Maz.)
2557	117N7GT (USA)	2811	AC/HL (Maz.)
2558	117Z6GT (USA)	2812	
2562	164V (Mul.)	2813	AC/HLDD (Maz.)
2569	210DET (Cos.)	2815	AC/P (Maz.)
2570	210HF (Cos.)	2818	AC/PT8 (Mov.)
2571	210HL (Cos.)	2819	AC/S (Maz.)
2574	210VPA (Cos.)	2820	AC/SP1 (Maz.)
2576	211 (USA), 4211E & D (STC)	2822	AC/SG (Maz.)
2581	220/OT (Cos.)	2823	AS/SP3 (Maz.)
2582	220VS (Cos.)	2824	AC/SPen (Maz.)
2583	225DO (Cos.)	2830	AC/TH1 (Maz.)
2586	240B (Cos.)	2832	AC/VP2 (Maz.)
2587	242 (USA), 4242A (STC)	2836	APP4G (Tun.)
2591	HK254 (USA), RK38 (USA)	2837	
2611	304TH (USA)	2853	U15 (MOV), RZ1-250 (Mul.)
2637	388A (USA)	2862	AZ31 (Mul.)
2638	393A (USA)	2864	B21 (MOV)
2643	446A (USA)	2865	B30 (MOV)
2651	707B (USA)	2891	DE5 (MOV)
2653	709A (USA)	2892	DE5B (MOV)
2656	724A (USA)	2895	DET1SW (MOV)
2663	815 (USA), QVO4/20 (Mul.)	2898	DET8 (MOV)
2666	829B (USA), QVO7/40 (Mul.)	2899	DET9 (MOV)
2690	904V (Mul.)	2900	DET10 (MOV)
2716	1655 (USA)	2912	DL63 (MOV)
2721	2050 (USA)	2913	DLS1 (Maz.)
2725	09 (Cos.)	2926	EBL33 (Mul.)
2743	4033AF (STC)	2927	EC50 (Mul.)
2759	4304 (STC)	2930	ECH33 (Mul.)
2762	4316A (STC)	2938	EL33 (Mul.)
2769	9006 (USA)	2940	EL36 (Mul.)
		2941	EL50 (Mul.)
		2942	EM1 (Mul.)
		2954	FC2A (Mul.)
		2955	FC4 (Mul.)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
2956	FC13C (Mul.)	3585	451 (USA)
2959	38401A (USA)	3586	471A (USA)
2969	GT1 (MOV)	3587	705A (USA)
2977	H2 (MOV)	3588	706A (USA)
2979	H30 (MOV)	3589	707A (USA)
2981	HL10 (MOV)	3590	708A (USA)
2982	H610 (MOV)	3592	UX6653 (USA)
2985	HD24 (MOV)	3599	829A (USA)
2991	HL2 (MOV)	3604	GL464 (USA)
2994	HL23 (Maz.)	3605	GL464B (USA)
2996	HL41DD (Maz.)	3620	P220 (Maz.)
2997	HL63 (MOV)	3621	P410 (MOV)
2998	HL133 (Maz.)	3622	P610 (MOV)
2999	HL133DD (Maz.)	3623	PA40 (Maz.)
3500	HL210 (MOV)	3626	Pen4B (Mul.)
3501	HL610 (MOV)	3630	Pen44 (Maz.)
3502	HL1320 (Maz.)	3631	Pen45DD (Maz.)
3503	HLDD1320 (Maz.)	3633	Pen231 (Maz.)
3506	HY615 (USA)	3634	Pen428 (Mul.)
3519	KT30 (MOV)	3635	Pen1340 (Maz.)
3520	KT31 (MOV)	3637	Pen1346 (Maz.)
3527	KTW73 (MOV)	3639	PenA4 (Mul.)
3530	KTZ73 (MOV)	3641	PM1HL (Mul.)
3531	L2 (Maz.)	3642	PM1LF (Mul.)
3532	L21 (MOV)	3643	PM2A (Mul.)
3533	L22DD (Maz.)	3645	PM2DX (Mul.)
3534	L30 (MOV)	3647	PM22A (Mul.)
3538	L610 (MOV)	3648	PM24E (Mul.)
3541	LS6A (MOV)	3649	PM22 (Mul.)
3546	MHD4 (MOV)	3652	PT5 (MOV)
3547	MHL4 (MOV)	3653	PT6 (MOV)
3552	MPT4K (MOV)	3654	PT11 (MOV)
3553	MS4B (MOV)	3656	PT425 (MOV)
3554	MPT42 (MOV)	3657	PV05/15 (Mul.)
3562	MSP41 (MOV)	3658	PV1/35 (Mul.)
3567	MU1 (Maz.)	3667	RG1/250 (Mul.)
3571	MVSPen (Cos.)	3670	RG4/1000 (Mul.)
3572	MVSPenB (Cos.)	3671	RK25 (USA), 4061A (STC)
3576	MX40 (Cos.)	3672	RK28 (USA), 4069A (STC)
3578	PM22D (Mul.)	3673	RK28A (USA)
3579	PT5E (MOV)	3684	RKR73 (USA)
3582	VP4B (Mul.)		
3584	21/2 (USA)		

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
3691	S23 (MOV)	3791	VP21 (MOV)
3692		3792	VP24 (MOV)
3694	S130 (Cos.)	3794	VP210 (Maz.)
3695	S215 (Cos.)	3795	VP215 (Maz.)
3698	S610 (MOV)	3796	VP1322 (Maz.)
3704	SP13C (Mul.)	3798	OA3, VR75-30 (USA)
3723	T41 (Maz.)	3799	OB3, VR90-30 (USA)
3726	TDD2A (Mul.)	3804	W21 (MOV)
3727	TDD4 (Mul.)	3805	W30K (MOV)
3735	TP26 (Maz.)	3806	W31 (MOV)
3742	TZ20 (USA)	3807	
3743	U5 (MOV)	3810	WD30 (MOV)
3744	U6 (MOV)	3811	
3746	U14 (MOV)	3816	X21 (MOV)
3751	U21 (MOV)	3817	
3752	U30 (MOV)	3818	X22 (MOV)
3753	U31 (MOV)	3819	X24 (MOV)
3754	U50 (MOV)	3820	
3759	UU4 (Maz.)	3821	X31 (MOV)
3760	UU5 (Maz.)	3822	
3761	UU7 (Maz.)	3824	X61 (MOV)
3785	VMP4G (MOV)	3825	X63 (MOV)
3786		3828	X66 (MOV)
3787	VP2 (Mul.)	3830	XH1.5 (Hivac)
3788	VP4 (Mul.)	3835	Z21 (MOV)
3790	VP13C (Mul.)	3836	
		3837	

Section 5 CIVILIAN EQUIVALENTS OF U.S. SIGNAL CORPS VALVES

V.T. No.	Civilian Type	V.T. No.	Civilian Type
4C	211	59	59
5	WE215A	60	850
7	WX12	62	801A
17	860	63	46
19	861	64	800
22	204A	65	6C5
24	864	65G	6C6
25	10	66	6F6
26	22	67	SP30
27	30	68	6B7
28	24A	69	6D6
29	27	70	6F7
30	01A	72	842
31	31	73	843
33	33	74	5Z4
34	207	75	75
35	35-51	76	76
36	36-36A	77	77
37	37-37A	78	78
38	38-38A	80	80
39A	869B	83	83
40	40	84	98-84 6Z4
41	851	86	6K7
42A	872A	86A	6K7G
43	845W	87	6L7
44	32	88	6R7
45	45	89	89Y
46A	866A	90	6H6
47	47	91	6J7
48	41	92	6Q7
49	39/44	93	6B8
50	50	94	6J5
51	841	95	2A3
52	45	96	6N7
54	34	97	5W4
55	865	98	6G5/6U5
56	56	99	6F8G
57	57	100A	807
58	58	101	837

V.T. No.	Civilian Type	V.T. No.	Civilian Type
103	6SQ7	162	12SJ7
104	12SQ7	163	6C8G
105	6SC7	164	1619
106	803-RK34	165	1624
107	6V6	167	6K8
108	450TH	168A	6Y6G
109	2051	169	12C8
111	1802-P4, 5BP4	170	1E5GT
112	6AC7/1852	171	1R5
114	5T4	172	1S5
115	6L6	173	1T4
116	6SJ7	174	3S4
117	6SK7	175	1613
118	832	176	6AB7/1853
119	879-2X2A	177	1LH4
120	954	178	1LC6
121	955	179	1LN5
124	1A5GT/G	182	3B7-1291
125	1C5GT/G	183	1R4-1294
126	6X5	184	OB3-VR90
128	1630-A5588A	185	3D6-1299
129	304TL	188	7E6
131	12SK7	189	7F7
132	12K8Y	190	7H7
133	12SR7	191	316A
134	12A6	192	7A4
135	12J5GT	193	7C7
136	1625	194	7J7
137	1626	195	1005
138	1629	197A	5Y3GT
139	VR150/30	198A	6G6G
141	WL531	199	6SS7
143	805	200	0C3-VR105
144	813	201	25L6
145	5Z3	202	9002
146	IN5GT/G	203	9003
147	1A7GT	204	3C24
148	1D8GT	205	6ST7
149	3A8GT	206A	5V4G
150	6SA7	207	12AH7GT
151	6A8G	209	12SG7
152	6K6GT	210	1S4
153	12C8	211	6SG7
154	814-RK47	212	958A
161	12SA7	213A	6L5G

V.T. No.	Civilian Type	V.T. No.	Civilian Type
214	12H6	237	957
215	6E5	238	956
216	816	241	7E5/1201A
217	811	243	7C4/1203A
218	100TH	244	5U4G
220	250TH-RK63, HK354E	245	2050
221	3Q5GT/G	246	918
222	884	247	6AG7
223	1H5GT/G	250	EF50
224	2C34-RK34	254	304TH
225	307A	255	8021-705A
226	3EP1-1806-P1	259	829B
228	8012A	260	OA3-VR75
229	6SL7GT	264	3Q4
230	350A	266	1616-2B26
231	6SN7GT	268	12SC7
233	6SR7	269	717A
234	HY114B	286	832A
235	HY615	287	815
236	836	288	12SH7
		289	12SL7GT

Section 6 CONTINENTAL VALVES

CLASSIFICATION

The coding consists of two or three letters followed by one or two numbers. These letters and numbers have the following significance:—

FIRST LETTER—Heater Rating

A	4 volts Indirectly Heated (A.C.).	E	6.3 volts A.C. or Accumulator (6 volts).
B	180 mA. D.C.	F	13 volts Car Radio
C	200 mA. A.C./D.C.	K	2 volts Battery
D	1.2-1.4 volts Battery	U	100 mA. A.C./D.C.
		V	50 mA. A.C./D.C.

SECOND LETTER—Type of Valve

A	Diode.	L	Output Pentode.
B	Double Diode.	M	Magic Eye.
C	Triode.	X	Gas Full Wave Rectifier.
D	Output Triode.	Y	Half Wave High Vacuum Rectifier.
E	Tetrode.	Z	Full Wave High Vacuum Rectifier.
F	R.F. Pentode.		
H	Hexode or Heptode.		
K	Octode.		

THIRD LETTER

If used, the third letter has the same significance as the second.

NUMBER—Type of base and sub-division of valve types

1 to 10	Side Contact.	21	Loctal.
11 to 20	Footless.	31 to 39	International Octal.

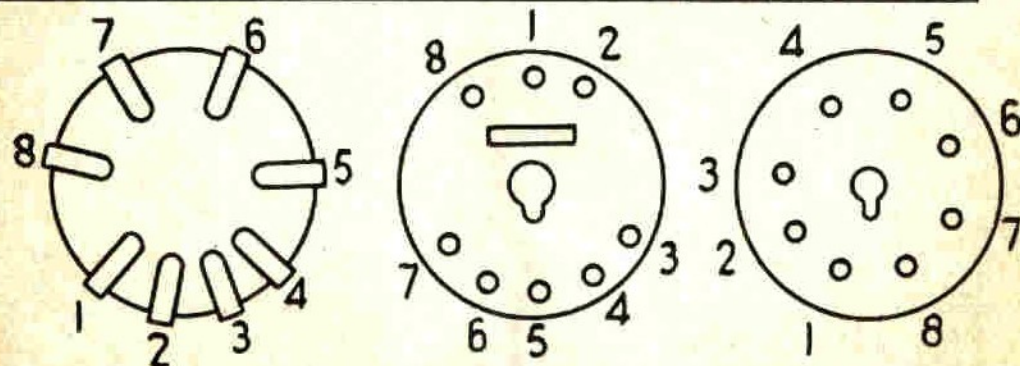
EXAMPLES

AC2	..	4 v. Triode with Side Contact Base.
ECH3	..	6.3 v. Triode Hexode with Side Contact Base.
ECH11	..	6.3 v. Triode Hexode with Footless Base.
CBL1	..	200 mA. (39 v.) Double Diode Pentode. Side Contact Base.
AD1	..	4 v. Output Triode. Side Contact Base.
DDD25	..	1.4 v. (or 2.8 v.) Output Double Triode. Loctal Base.
AZ12	..	4 v. F.W. Rectifier. Footless Base.
UCH11	..	100 mA. Triode Hexode with Footless Base.
EF39	..	6.3 v. R.F. Pentode with International Octal Base.

NOTE

EF9, EF39 and EF11 are electrically similar.
 ECH3, ECH35 and ECH11 are electrically similar.
 EB4, EB34 and EB11 are electrically similar.
 EF6, EF36 and EF12 are electrically similar.
 EBC33 and EBC11 are electrically similar.

Valve Type	Contact Number								TC
	1	2	3	4	5	6	7	8	
Side Contact Base Connections									
ABC1, EBC3									
CBC1	M	h	h	k	d'	d''	—	a	g
AC2, CC2, EC2	M	h	h	k	—	—	—	a	g
AF3, EF6, CF3, AF7, EF9, CF7	M	h	h	k	g3	—	g2	a	g1
EF8	M	h	h	k	g4	g2	g3	a	g1
AK2, EK2, CK1	M	h	h	k, g6	g2	g1	g3, g5	a	g4
AL2, EL2, CL6	—	h	h	k, g3	—	—	g2	a	g1
AL4, AL5, EL3, EL5, EL6	—	h	h	k, g3	—	g1	g2	a	—
AM2, C/EM2	—	h	h	k	gsc	gt	t	a	—
AZ1, AZ2	—	f	f	—	a'	—	—	a''	—
ECH1, CCH1	M	h	h	k	at	gt	g2, g4	ah	g1h
EZ2, EZ4	—	h	h	k	a'	—	—	a''	—
Footless Base Connections									
EBC11	g	k, M	—	h1	h	d'	d''	a	—
EBF11, UBF11	g1	k, M, g3	a	h	h	d'	d''	g2	—
ECH11, UCH11	g1h	k, M	a	h	h	gt, g3h	at	g2h, g4h	—
EDD11	g'	k, M	—	h	h	g''	a''	a'	—
EF11, EF12, UF11	g1	k, M, g3	—	h	h	—	a	g2	—
EF13	g1	k, M	—	h	h	g3	a	g2	—
EL11, EL12, UL12	g1	k, g3	—	h	h	—	a	g2	—
EM11	g	k, gsc	t	h	h	—	a'	a''	—
UY11	k	—	—	h	h	—	a	—	—
AZ11, EZ11, AZ12	—	—	—	f	f	—	a'	a''	—
EZ12	k	—	—	h	h	—	a'	a''	—
DAF11	g1	f(—), M, g3	a	f(+)	f(—), M, g3	—	d	g2	—
DCH11	g1h	f(—), M	ah	f(+)	f(—), M	gt	at	g2h, g4h	—
DF11, DL11	g1	f(—), M, g3	—	f(+)	f(—), M, g3	—	a	g2	—
DC11	g	f(—), M	—	f(+)	f(—), M	—	a	—	—
DDD11	g'	f(—), M	—	f(+)	f(—), M	g''	a''	a'	—
Loctal Base Connections									
ECH21, UCH21	h	ah	at	gt	g2h, g4h to spigot	g1h	g3h	h	—
EBL21, UBL21	h	a	k & g1	g2	d'	d''	kg3	h	—
EF22, UF21	h	a	g2	g3	—	g1	k	h	—
UY1(N)	h1	Pin 6	a	—	h2	Pin 2	k	h2	—



Underside view of valve base or of valve holder.

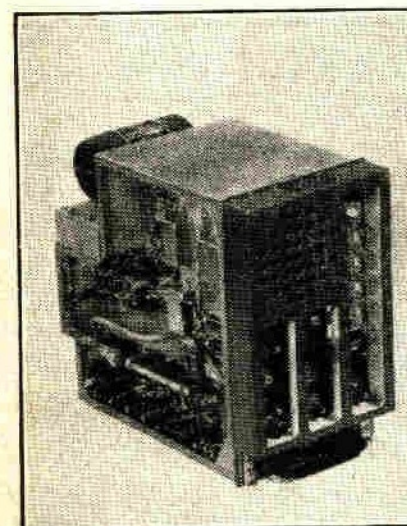
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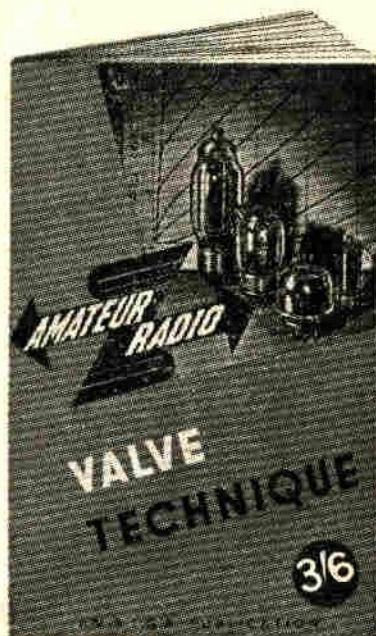


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