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SERIALS
VALUABLE
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THIRD
(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 1

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	961	—	—	NR48	1055	AR21	VR55
NC13	962	—	—	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	—	—	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	—	—	NR71	1129	—	—
NR27	1160	—	—	NR72	1188	—	—
NR27A	1161	—	—	NR73	1285	—	—
NR28	1019	—	—	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	—	—
NR83	1074	ARP16	VT74	NT62	1237	—	VT62
NR84	1194	—	—	NT65A	1240	—	—
NR85	1186	ARP17	—	NT82	1246	—	—
NR86	1195	ARP15	—	NU3	1064	AU3	—
NR87	1196	—	—	NU5	1261	—	—
NR88	1197	—	—	NU12	1264	AU1	—
NR94	1198	—	—	NU13	1265	—	—
NR95	1502	—	—	NU16	1072	AU6	—
NS1	1069	—	VR502	NU17	1039	AU3A	—
NS3	1200	—	VS69	NU18	1113	AU4	—
NS4	1201	—	—	NU20	1268	AU13	—
NS5	1202	—	—	NU31	1279	—	—
NT17	1205	—	—	NU33	1290	—	—
NT18	1206	—	—	NU34	1134	—	—

Section 2

R.A.F. VALVES

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	1131	—	—	VT52	1052	—	—
VCR138	1138	—	—	VR53	1053	—	—
VCR138A	1138	—	—	VR54	1054	—	—
VCR139A	1588	—	—	VR55	1055	—	—
VCR511	1511	—	—	VR56	1056	—	—
VCR514	1514	—	—	VR57	1057	—	—
VCR515	1515	—	—	VR59	1059	—	—
VCR518	1518	—	—	VT60	1060	—	—
VR18	1018	—	—	VT60A	1572	—	—
VR19	1019	—	—	VT61	1061	—	—
VT20	1020	—	—	VT61A	1573	—	—
VR21	1021	—	—	VT62	1062	—	—
VR22	1022	—	—	VU64	1064	—	—
VT23	1023	—	—	VR65	1065	—	—
VT25	1025	—	—	VR65A	1574	—	—
VR27	1027	—	—	VR66	1066	—	—
VR28	1028	—	—	VR67	1067	—	—
VU29	1029	—	—	VS68	1068	—	—
VR32	1032	—	—	VS69	1069	—	—
VR35	1035	—	—	VS70	1070	—	—
VR37	1037	—	—	VU71	1071	—	—
VR38	1038	—	—	VU72	1072	—	—
VU39A	1039	—	—	VT73	1073	—	—
VR40	1040	—	—	VT74	1074	—	—
VR41	1041	—	—	VT75	1075	—	—
VR43	1043	—	—	VT75	1576	—	—
				A & B	1577	—	—

Type No.	Other Numbers			Type No.	Other Numbers		
	CV.	Navy	Army		CV.	Navy	Army
VT76	1076	—	—	VU113	1113	—	—
VT77	1077	—	—	VR116	1116	—	—
VR78	1078	—	—	VR117	1117	—	—
VT79	1079	—	—	VR118	1118	—	—
VT80	1080	—	—	VR119	1119	—	—
VT81	1081	—	—	VU120	1120	—	—
VR82	1082	—	—	VT121	1121	—	—
VR83	1083	—	—	VR122	1122	—	—
VT88	1088	—	—	VR123	1123	—	—
VR91	1091	—	—	VR124	1124	—	—
VR91A	1578	—	—	VR125	1125	—	—
VR92	1092	—	—	VR126	1126	—	—
VR95	1095	—	—	VT127	1127	—	—
VR95A	1579	—	—	VT128	1128	—	—
VT96	1096	—	—	VR129	1129	—	—
VR99	1099	—	—	VR130	1130	—	—
VR100	1100	—	—	VU133	1133	—	—
VR101	1101	—	—	VU134	1134	—	—
VR102	1102	—	—	VR135	1135	—	—
VT103	1103	—	—	VR136	1136	—	—
VT104	1104	—	—	VR137	1137	—	—
VR105	1105	—	—	VT501	1501	—	—
VR106	1106	—	—	VR502	1502	—	—
VR107	1107	—	—	VR503	1503	—	—
VR108	1108	—	—	VU505	1505	—	—
VR109	1109	—	—	VU508	1508	—	—
VS110	1110	—	—	VT510	1510	—	—
VU111	1111	—	—				

Section 3

ARMY VALVES

ACR ..	Army Cathode Ray Tube.	ARTP ..	Army Receiving Triode
AR ..	Army Receiving Valve.	AT ..	Army Transmitting Triode.
ARD ..	Army Receiving Diode.	ATP ..	Army Transmitting Pentode.
ARDD ..	Army Receiving Double Diode.	ATS ..	Army Transmitting Tetrode (Screen-grid).
ARH ..	Army Receiving Hexode.	AU ..	Army Rectifier.
ARP ..	Army Receiving Pentode.	AW ..	Army Gas Filled Valve (Stabiliser).
ARS ..	Army Receiving Tetrode (Screen-grid).		
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	—	VCRI39A	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	—	VT77
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.
Edi. . . Ediswan.
EMI . . Gramophone Co., Ltd.
Fer. . . Ferranti.
GEC . . General Electrical Co.
USA . . American Valve Types.

MOV . . Marconi or Osram.
Mul. . . Mullard.
Maz. . . Mazda.
STC . . Standard Telephones & Cables (Brimat).
Tun. . . Tungstam.

CV Design- nation	Commercial Descriptions	CV Design- nation	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 EI371 (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	SI30 (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)	139	EC91 (Mul.)
87	KRN2 (EMD)		

CV Design- nation	Commercial Descriptions	CV Design- nation	Commercial Descriptions
140	6AL5 (USA), D77 (MOV), EB91 (Mul.), DD6 (Fer.)	535	12I5GT (USA)
152	GU21 (MOV), 4049C (STC), RG3-1250 (Mul.)	537	12SA7 (USA)
171	210VPT (Cos.), VS2, W21 (MOV)	538	12SA7GT (USA)
173	EF55 (Mul.) CV 246	540	12SC7 (USA)
175	XSG1-5 (Hivac)	543	12SK7 (USA)
176	XP1-5 (Hivac)	544	12SK7GT (USA)
181	ECC32 (Mul.)	546	12SO7 (USA)
185	PM202 (Mul.)	547	12SO7GT (USA)
187	U19 (MOV)	549	25A6 (USA)
190	DL510 (Edi.)	550	25A6GT (USA)
200	MZ2-200 (Maz.)	551	25L6 (USA)
220	631P1 (Strobottion)	552	25L6GT (USA)
230	DV55 (STC)	553	25L6GT (USA)
248	GS16 (Photocell)	555	25Z5 (USA)
261	RI10, 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	6S7G (USA)
534	12I5 (USA)	591	6S7 (USA)

CV Design- nation	Commercial Descriptions	CV Design- nation	Commercial Descriptions
592	6S17GT (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)
		665	9003 (USA)
619	84 (USA)	666	9004 (USA)
620	211 (USA), 4211 (STC)	667	9005 (USA)
621	801 (USA)	668	35T (USA), DET18 (MOV)
622	802 (USA)	669	279A (USA)
623	803 (USA)	670	645 (USA)
624	804 (USA)	683	316A (USA), 4316A (STC)
625	805 (USA)		
626	808 (USA)		
627	810 (USA)	686	OC3/VR105-30 (USA)
628	811 (USA)	690	RK48A (USA)
629	814 (USA)	692	OZ4 (USA)
630	826 (USA)	694	12SG7 (USA)
631	828 (USA)	697	12S17 (USA)
632	829 (USA)	698	12S17GT (USA)
634	832 (USA)	700	12SR7 (USA)
636	836 (USA)	703	12K8 (USA)
637	837 (USA)	705	ID5GP (USA)
638	838 (USA)	706	6U7G (USA), KTW63 (MOV)
639	843 (USA)		
640	860 (USA)	709	RX235 (USA)

CV Design- nation	Commercial Descriptions	CV Design- nation	Commercial Descriptions
710	WE368A (USA)	780	ILH4 (USA)
711	32 (USA)	781	ILN5 (USA)
712	38 (USA)	782	IR5 (USA), DK91 (Mul.), X17 (MOV)
717	5R4GY (USA)	783	IS4 (USA)
718	5FP7 (USA)	784	ISS (USA), DAF91 (Mul.), ZD17 (MOV)
719	2J21A (USA)		IT4 (USA), DF91 (Mul.), W17 (MOV)
720	723A (USA)	785	IT5 (USA)
721	ID24 (USA)	786	832A (USA)
722	725A (USA)	788	2D21 (USA)
723	1619 (USA)	797	2V3 (USA)
724	816 (USA)	803	2V3G (USA)
725	1B24 (USA)	804	3A4 (USA)
726	35Z3LT (USA)	807	3A/105B (STC)
727	IN21 (USA)	809	3B24 (USA)
728	IP5GT (USA)	812	3BP1 (USA)
729	5V4G (USA)	814	3D6/1299 (USA)
730	6A3 (USA)	815	3DP1 (USA)
731	6F6GT/G (USA), KT63 (MOV)	816	3Q4 (USA)
732	6W4GT (USA)	818	3Q5GT/G (USA)
733	8D (USA)	819	3S4 (USA), DL92 (Mul.), N17 (MOV)
734	228A (USA)	820	4C29 (USA)
735	845 (USA)	823	5B/300B (STC)
736	905 (USA)	834	5H4 (USA)
737	906 (USA)	840	5U4GT (USA)
738	953 (USA)	841	5W4G (USA)
742	FG67 (USA)	842	6N5 (USA)
743	GET2 (USA)	844	6AC5G (USA)
744	GET4 (USA)	845	6AC5GT (USA)
745	HK24 (USA)	846	6AC7 (USA)
747	6AC7-6A17 (USA)	847	6AF6G (USA)
753	IA3 (USA)	848	6AG5 (USA)
755	IA5G (USA)	849	6A17 (USA)
756	IA5GT (USA)	850	6AK5 (USA)
759	IB5/25S (USA)	851	6B4G (USA)
760	IB7GT (USA)	852	6C4 (USA)
761	ID22 (USA)	856	6G8G (USA)
764	ID5 (STC)	857	6H7G (USA)
775	ILA6 (USA)	858	6J6 (USA), ECC91 (Mul.)
776	ILB4 (USA)	860	6K5G (USA)
777	ILC5 (USA)		
778	ILC6 (USA)		
779	ILD4 (USA)		

CV Design- nation	Commercial Descriptions	CV Design- nation	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)	967	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
924	12SL7GT (USA)	1040	(Mul.), R3 (STC)
925	12SN7GT (USA)	1041	PP5/400 (Maz.)
929	13SPA (Cos.)	1043	PX25
930	14F7 (USA)		(MOV)
933	15E (USA)		PM12M (Mul.)
			210PG (Cos.)

CV Design- nation	Commercial Descriptions	CV Design- nation	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
1054	EB34 (Mul.)		(Maz.)
1055	EBC33 (Mul.)	1095	ZA2 (MOV), 954
1056	EF36 (Mul.)		(USA)
1057	EK32 (Mul.)	1096	5B/502A (STC)
1059	HA2 (MOV), 955 (USA)	1097	ECR60 (Mul.), 4201/4/6
1060	807 (USA), 5B/250A		(GEC)
	(STC)	1099	X66 (MOV)
1061	RK34 (USA), DET19	1100	KTW62 (MOV)
	(MOV), 4074A (STC)	1101	MHLD6 (MOV)
1062	TY1-50 (Mul.), DET12	1102	BL63 (MOV)
	(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	1107	15D2 (STC)
	(MOV)	1108	8D2 (STC)
1068	STV/280/40 (MOV)	1109	4D1 (STC)
1069	STV/280/80 (MOV)	1110	S130 (Cos.)
1070	7475 (Mul.)	1111	V1907 (Maz.)
1071	5U4G (USA), U52	1112	V1026 (Maz.)
	(MOV)	1113	U17 (MOV)
1072	GU50 (MOV)	1116	V872 (Maz.)
1073	H63 (MOV), 6F5G	1117	41MTL (MOV)
	(USA)	1118	KT2 (MOV)
1074	6J7G (USA), KTZ63	1119	DD14 (Cos.)
	(MOV)	1120	SU2150A (Cos.)
1075	KT66 (MOV)	1121	T41 (Maz.)
1076	DA41 (MOV), TZ40	1122	41MXP (Cos.)
	(USA)	1123	EF8 (Mul.)
1077	EM31 (Mul.)	1124	MS/Pen (Cos.)
1078	D1 (Maz.)	1125	MS/PenB (Cos.)
1079	KT8 (MOV)	1126	4SH (Cos.)
1080	4307A (STC)		Pen46 (Maz.)
1081	4052A (STC)	1127	

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
1128	GTIC (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	ACPA (Maz.)
1138	4203/4/3 (GEC), ECR35 (Mul.)	1191	KTZ41 (MOV)
1141	GDT4C (Cos.)	1192	Z62 (MOV)
1143	GLA (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	ACPA (Maz.)
1158	PM14 (Mul.)	1200	202 (Barrieter) (MOV)
1159	ML4 (MOV), 104V (Mul.)	1201	4317 (Stabiliser) (Mul.)
1160	PD220A (Maz.)	1202	304 (Barrieter) (MOV)
1163	AC/SG (Maz.)	1205	E1007 (MOV)
1164	VMS4 (MOV)	1206	DA60 (MOV), DO60 (Mul.)
1166	P220 (Maz.), LP2 (MOV)	1208	PM256 (Mul.)
1167	PM24A (Mul.)	1219	DA100 (MOV), MZ1-100 (Mul.)
1168	PX4 (MOV)	1220	4033A (STC)
1169	VMP4G (MOV)	1221	PT6 (MOV), SW75 (Pen) (Maz.), PZ1/75 (Mul.)
1170	D41 (MOV)	1222	ACT6 (MOV)
1171	A40 (Maz.), AT4 (Mul.), HA1 (MOV)	1223	DETS (MOV)
1172	VP4A (Mul.)	1235	TY1-50 (Mul.), DET12 (MOV)
1173	354V (Mul.)	1237	PM24D (Mul.)
1174	AC Pen (Maz.), KT42 (MOV), Pen4VA (Mul.)	1238	PZ1-35 (Mul.)
1175	ZAI (MOV), AP4 (Mul.)	1240	PM202 (Mul.)
1176	DO30 (Mul.), DA30 (MOV)	1246	RX3-120 (Mul.)
1178	AC/P (Maz.), ML4 (MOV)	1261	GU1 (MOV)
1179		1262	RG1-125 (Mul.)
		1263	

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	HL210 (Maz.), PM1HF (Mul.)	1333	220 IPT (Cos.)
1301	LP2 (MOV)	1334	KT24 (MOV)
1302	HL23DD (Maz.)	1335	SP41 (Maz.)
1303	L21 (MOV), L2 (Maz.), PM1LF (Mul.)	1336	SP42 (Maz.)
1304	TDD2A (Mul.), L21DD (Maz.), HD24 (MOV)	1337	116/Pen (Cos.)
1306	4019B (STC)	1338	KT44 (MOV)
1307	4020A (STC)	1340	220VPT (Cos.)
1308	4022AR (STC)	1341	MSP4 (MOV)
1309	220RC (Cos.)	1342	QP25 (Maz.)
1310	220LF (Cos.)	1343	KTZ73 (MOV)
1311	DL510 (Ed.)	1344	TP22 (Maz.)
1312	4021B (STC)	1345	TP25 (Maz.)
1313		1347	ECH35 (Mul.)
1314		1348	U22 (Maz.)
1316		1356	ME41 (Maz.)
		1359	MZ05-20 (Mul.)
		1361	DET16 (MOV)
		1363	807 (USA), 5B/250A (STC)
		1364	4282B (STC)
		1365	V248A (Maz.)
		1366	V245 (Maz.)
		1367	V226 (Maz.)
		1368	

CV Design- nation	Commercial Descriptions	CV Design- nation	Commercial Descriptions
1369	4061A (STC)	1444	42SPT (Cos.)
1370	PV1/35 (Mul.)	1445	4012A (STC)
1371	PT6 (MOV), PZI/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	411U (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	UVU6 (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 (EMD)
1435	GU20 (MOV)	1518	O91 (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 Design- nation	Commercial Descriptions	CV Design- nation	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)
		1854	5Y3 (USA)
		1856	5Y3GT (USA), U50 (MOV)
1751	34 (USA)	1857	5Y4G (USA)
1752	35/51 (USA)	1861	5Z3 (USA)
1753	35A5 (USA)	1863	5Z4G (USA), U50 (MOV)
1754	35TG (USA)		
1755	1626 (USA)	1864	5Z4 (USA)
1757	9001 (USA)	1867	6A6 (USA)
1758	1L4 (USA)	1870	6A7 (USA)
1759	2C26A (USA)	1873	6AB7 (USA)
1762	6AK6 (USA)	1876	1852 (USA)
1763	6J4 (USA)	1878	6AD7G (USA)
1764	6AK7 (USA)	1882	6AG7 (USA)
1785	1N26 (USA)	1885	6B5 (USA)
1790	7Z4 (USA)	1887	6B6G (USA)
1794	959 (USA)	1890	6B7G (USA)
1800	1A7G (USA), X14 (MOV)	1891	6B7 (USA)
1802	1A7GT (USA)	1893	6B8G (USA)
1803	1C5G (USA), NI4 (MOV)	1894	6B8 (USA)
1805	1C5GT (USA)	1896	6C8G (USA)
1806	ID5G (USA)	1900	6D6 (USA)
1811	ID8GT (USA)	1902	6D8G (USA)
		1906	6E5 (USA)

CV Design- nation	Commercial Descriptions	CV Design- nation	Commercial Descriptions
1909	6F5 (USA)	1966	6SA7 (USA)
1910	6F5GT (USA)	1967	6SA7GT (USA)
1911	6F6G (USA)	1969	6SCT (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	IV (USA)
1938	6K6G (USA)	2500	35ZAGT (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	6K8GT (USA)	2506	41MPT (Cos.)
1946	6K8G (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 Design- nation	Commercial Descriptions	CV Design- nation	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	AC/2HL (Maz.)
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	AC/HLDD (Maz.)
2562	164V (Mul.)	2813	AC/P (Maz.)
2569	210DET (Cos.)	2815	AC/PT8 (Mov.)
2570	210HF (Cos.)	2818	AC/S (Maz.)
2571	210HL (Cos.)	2819	AC/SP1 (Maz.)
2574	210VPA (Cos.)	2820	AC/SG (Maz.)
2576	211 (USA), 421IE & D (STC)	2822	AC/SP3 (Maz.)
2581	220/OT (Cos.)	2823	AC/SPen (Maz.)
2582	220VS (Cos.)	2824	AC/TH1 (Maz.)
2583	225DO (Cos.)	2832	AC/VP2 (Maz.)
2586	240B (Cos.)	2836	APP4G (Tun.)
2587	242 (USA), 4242A (STC)	2837	UI5 (MOV), RZ1-250 (Mul.)
2591	HK254 (USA), RK38 (USA)	2853	AZ31 (Mul.)
2611	304TH (USA)	2862	B21 (MOV)
2637	388A (USA)	2864	B30 (MOV)
2638	393A (USA)	2865	DES (MOV)
2643	446A (USA)	2891	DE5B (MOV)
2651	707B (USA)	2892	DETISW (MOV)
2653	709A (USA)	2895	DET8 (MOV)
2656	724A (USA)	2898	DET9 (MOV)
2663	815 (USA), QVO4/20 (Mul.)	2900	DET10 (MOV)
2666	829B (USA), QVO7/40 (Mul.)	2912	DL63 (MOV)
2690	904V (Mul.)	2913	DL51 (Maz.)
2716	1655 (USA)	2926	EBL33 (Mul.)
2721	2050 (USA)	2927	EC50 (Mul.)
2725	09 (Cos.)	2930	ECH33 (Mul.)
2743	4033AF (STC)	2938	EL33 (Mul.)
2759	4304 (STC)	2940	EL36 (Mul.)
2762	4316A (STC)	2941	EL50 (Mul.)
2769	9006 (USA)	2942	EMI (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	PMIHL (Mul.)
3531	L2 (Maz.)	3642	PMILF (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	MHDD4 (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
3576	MX40 (Cos.)		(STC)
3578	PM22D (Mul.)	3672	RK28 (USA), 4069A
3579	PT5E (MOV)		(STC)
3582	VP4B (Mul.)	3673	RK28A (USA)
3584	21/2 (USA)	3684	RKR73 (USA)

CV Designation	Commercial Descriptions	CV Designation	Commercial Descriptions
3691	S23 (MOV)	3791	VP21 (MOV)
3692	S130 (Cos.)	3792	VP24 (MOV)
3694	S215 (Cos.)	3794	VP210 (Maz.)
3695	S610 (MOV)	3795	VP215 (Maz.)
3698	SP13C (Mul.)	3796	VP1322 (Maz.)
3704	T41 (Maz.)	3798	O43, VR75-30 (USA)
3723	TDD2A (Mul.)	3799	OB3, VR90-30 (USA)
3726	TDD4 (Mul.)	3804	W21 (MOV)
3727	TP26 (Maz.)	3805	W30K (MOV)
3735	TZ20 (USA)	3806	W31 (MOV)
3742	U5 (MOV)	3807	WD30 (MOV)
3743	U6 (MOV)	3810	X21 (MOV)
3744	U14 (MOV)	3811	X22 (MOV)
3746	U21 (MOV)	3816	X24 (MOV)
3751	U30 (MOV)	3817	X31 (MOV)
3752	U31 (MOV)	3818	X61 (MOV)
3753	U50 (MOV)	3819	X63 (MOV)
3754	U50 (MOV)	3820	X66 (MOV)
3759	U50 (Maz.)	3821	XH1.5 (Hivac)
3760	U50 (Maz.)	3822	Z21 (MOV)
3761	U50 (Maz.)	3824	
3761	U50 (Maz.)	3825	
3785	VMP4G (MOV)	3828	
3786	VP2 (Mul.)	3830	
3787	VP4 (Mul.)	3833	
3788	VP13C (Mul.)	3836	
3790		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	6ACT/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	OC3-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

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	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	Local.
11 to 20	Footless.	31 to 39	International Octal.

EXAMPLES

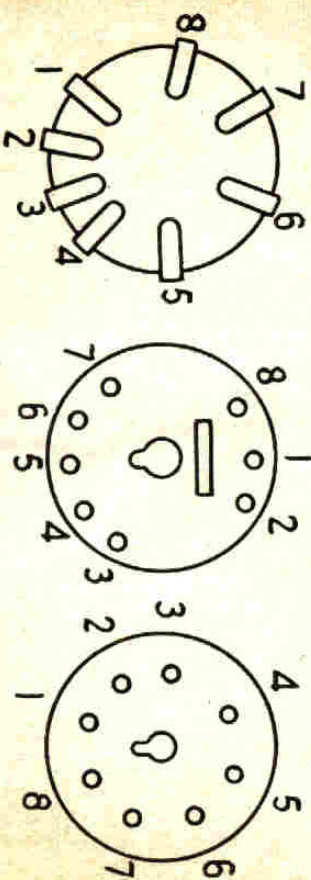
AC2	..	4 v. Triode with Side Contact Base.
ECH3	..	6.3 v. Triode Hexode with Side Contact Base.
ECH11	..	6.3 v. Triode Hexode with Footless Base.
CBL1	..	200 mA. (39 v.) Double Diode Pentode. Side Contact Base.
AD1	..	4 v. Output Triode. Side Contact Base.
DDD25	..	1.4 v. (or 2.8 v.) Output Double Triode. Local 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.

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

Valve Type	1	2	3	4	5	6	7	8	TC
Side Contact Base Connections									
ABC1, EBC3	M	h	h	k	d'	d''	—	a	g
CBG1	M	h	h	k	—	—	—	a	g
AC2, CC2, EC2	M	h	h	k	—	—	—	a	g
AF3, EF6, CF3	M	h	h	k	—	—	—	a	g
AF7, EF9, CF7	M	h	h	k	—	—	—	a	g
EF8	M	h	h	k	—	—	—	a	g
AK2, EK2, CK1	M	h	h	k	—	—	—	a	g
AL2, EL2, CL6	M	h	h	k	—	—	—	a	g
AL4, AL5, EL3	M	h	h	k	—	—	—	a	g
EL5, EL6	M	h	h	k	—	—	—	a	g
AM2, C/EM2	—	h	h	k	—	—	—	a	g
AZ1, AZ2	—	h	h	k	—	—	—	a	g
ECCH1, CCCH1	—	h	h	k	—	—	—	a	g
EZ2, EZ4	—	h	h	k	—	—	—	a	g
Foodless Base Connections									
EBC11	g	k, M	—	h	h	d'	d''	a	—
EBF11, UBF11	g	k, M, g3	—	h	h	d'	d''	a	—
ECCH11, UCH11	g	k, M	—	h	h	g', g3h	g2h, g4h	a	—
EED11	g	k, M	—	h	h	g'	g2h	a	—
EF11, EFF12	g	k, M, g3	—	h	h	g3	g2	—	—
EF13	g	k, M	—	h	h	—	g2	—	—
EL11, EL12	g	k, g3	—	h	h	—	g2	—	—
UL12	g	k, g3	—	h	h	—	g2	—	—
EM11	g	k, g3	—	h	h	—	g2	—	—
UY11	g	k, g3	—	h	h	—	g2	—	—
AZ11, EZ11	g	k, g3	—	h	h	—	g2	—	—
AZ12	g	—	—	h	h	—	g2	—	—
EZ12	g	—	—	h	h	—	g2	—	—
DAF11	g	f(-), M, g3	—	h	h	—	g2	—	—
DCCH1	g	f(-), M, g3	—	h	h	—	g2	—	—
DF11, DL11	g	f(-), M, g3	—	h	h	—	g2	—	—
DC11	g	f(-), M	—	h	h	—	g2	—	—
DDDD11	g	f(-), M	—	h	h	—	g2	—	—
Loctal Base Connections									
ECH21, UCH21	h	ah	at	g	g2h, g4h	g1h	g3h	h	—
EBL21, UBL21	h	a	at	g	to spigot	d''	kg3	h	—
EF22, UF21	h	a	g	g2	d'	g1	k	h	—
UY1(N)	hl	Pin 6	a	—	h2	Pin 2	k	h2	—



Underside view of valve base or of valve holder.

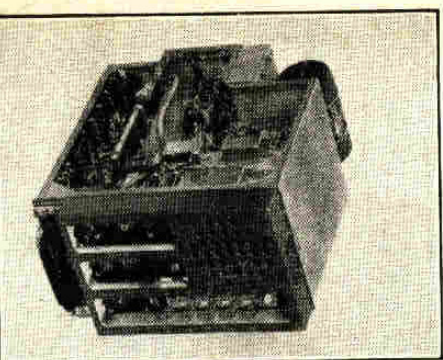
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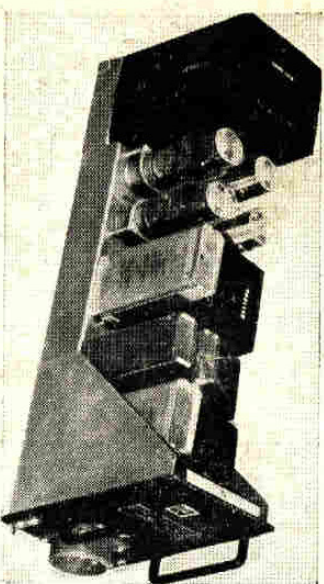
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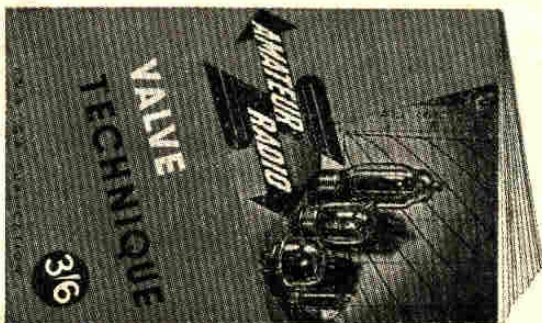
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