

SEALED, ILLUMINATED SNAP-IN TOGGLE

LOW COST, SNAP-IN TOGGLE FOR WET & DUSTY ENVIRONMENTS, 1 & 2 POLES

The K4 series snap-in toggle switches are rugged, high performance sealed switches designed for use under severe conditions found in marine, appliance, heavy equipment and industrial control applications. They are totally sealed to IP68S and IP69K so the switch can withstand direct water spray and submersion. With the optional panel seal gasket, the K4 is also panel sealed.

The K4 series is offered in single and double pole configurations. Toggle action includes 2 and 3-position, momentary and maintained operation in a combination of 13 variations.

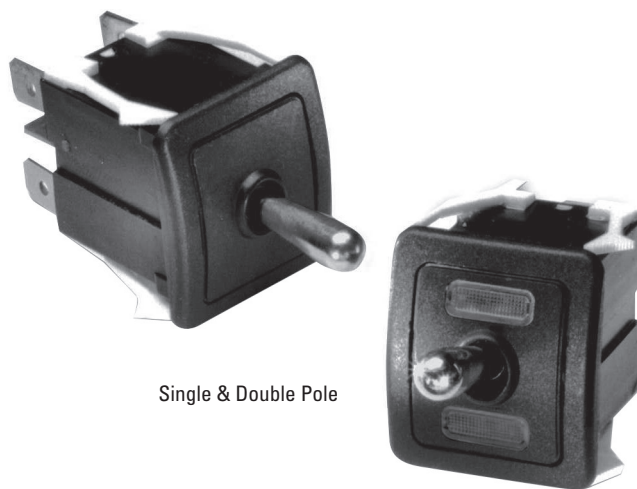
Mounting is simple and quick; snaps into panel from the front. The OTTO snap-in design supports a variety of panel thicknesses with just one cutout size specified.

Existing unsealed applications are easily upgraded to sealed functionality because the K series drops into existing panel cutouts.

A choice of models are offered to handle current from 16 amps to logic level electronic switching levels.

Features:

- Withstands direct water spray
- Sealed to IP68S and IP69K
- Fits industry standard panel openings for drop-in replacement of panel sealed & unsealed switches
- Snap-in feature accommodates a wide range of panel cutouts
- Switches up to 16 amps
- UV & solvent resistant
- Withstands extreme shock & vibration
- Legends & illuminated function indicators available
- 2 & 3-position, momentary, maintained action & center OFF
- RoHS compliant



Single & Double Pole

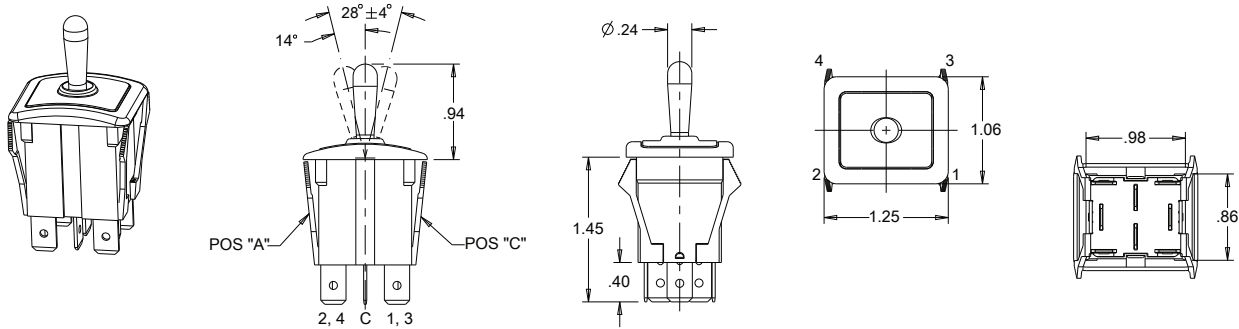
LED, Neon or
Incandescent Illumination

Standard Characteristics/Ratings:			
ELECTRICAL RATINGS:			
Load	Sea Level @ 28VDC	Sea Level @125VAC, 60Hz	Cycles
Resistive	16A	5A	25,000
Resistive	10A	N/A	50,000
Inductive	7A	2A	25,000
DWV	1000Vrms except across light terminals		
Logic Level	10mA @ 5VDC, max D.C. logic level ratings (void if logic level load(s) exceeded at any time)		
Electrical Life:	See Rating Chart		
LIGHTING:			
Light Source	Rating		
Incandescent	(VDC) 6V, 12V, 24V		
Neon	(VAC) 125V, 250V		
LED	(VDC) 2V, 6V, 12V, 24V		
Mechanical Life:	100,000 cycles		
Seal:	IP68S and IP69K		
Operating Temp Range: -30°C to +85°C			
MATERIALS:			
Case:	Thermoplastic		
Toggle:	Stainless steel		
Terminals/Contact:	Brass, silver alloy with silver plate, gold plate for logic level		
Terminal Hardware:	Screws and lockwashers provided when applicable K4 series recommended Quick Connect terminals: AMP 60253-2 for 12-16 AWG AMP 42100-2 for 14-18 AWG		
Mounting Hardware:	None provided		

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K4
SNAP-IN
TOGGLES

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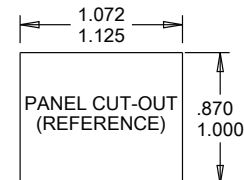


PANEL THICKNESS AND MOUNTING OPENING GUIDELINES:

PANEL THICKNESS RANGE OF .025 - .105 (GASKET RECOMMENDED)

PANEL THICKNESS RANGE OF .105 - .187 (GASKET NOT REQUIRED)

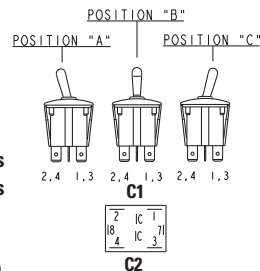
TERMINAL STYLES (.032 THICK)			
SCREW	QUICK CONNECT	SOLDER	P.C. PIN



K4 SERIES PART NUMBER CODE

Terminal Style/ Switch Rating	Rocker Style	Switch Action/Circuit			Light Type*	Lens Color		Light/Circuit Location	Legend & Orientation
		Position "A"	Position "B"	Position "C"	Circuit	Position "A"	Position "B"		
A. Quick Connect/ Standard	A. Bat Handle	A. 1-C1	NONE	OFF	SPST	A. No Light		A. No Light	A. No Legend
B. Screw/Standard		B. 1-C1	NONE	2-C1	SPDT	B. 6V Incandescent		B. Dependent Light ON in position "A" Wired to terms 1 & 7	B. Dependent Light ON in position "A" Wired to terms 1 & 7
C. Solder/Standard		C. (1-C1)	NONE	OFF	SPST	C. 12V Incandescent		C. Dependent Light ON in position "A" Wired to terms 1 & 7	C. Dependent Light ON in position "A" Wired to terms 1 & 7
D. Quick Connect/ Logic Level		D. (1-C1)	NONE	2-C1	SPDT	D. 24V Incandescent		D. Independent Light at position "A" Wired to terms 7 & 8	D. Independent Light at position "A" Wired to terms 7 & 8
E. Screw/Logic Level		E. (1-C1)	OFF	(2-C1)	SPDT	E. 125VAC Neon		E. Independent Light at position "A" Wired to terms 7 & 8	E. Independent Light at position "A" Wired to terms 7 & 8
F. Solder/Logic Level		F. 1-C1	OFF	2-C1	SPDT	F. 250VAC Neon		F. Independent Light at position "A" Wired to terms 7 & 8	F. Independent Light at position "A" Wired to terms 7 & 8
G. P.C. Pin/Standard		G. (1-C1)	OFF	2-C1	SPDT	G. 2V Red LED		G. Independent Light at position "A" Wired to terms 7 & 8	G. Independent Light at position "A" Wired to terms 7 & 8
H. P.C. Pin/Logic Level		H. 1-C1/3-C2	NONE	OFF	DPST	H. 2V Green LED		H. Independent Light at position "A" Wired to terms 7 & 8	H. Independent Light at position "A" Wired to terms 7 & 8
		J. 1-C1/3-C2	NONE	2-C1/4-C2	DPDT	J. 2V Amber LED		J. Independent Light at position "A" Wired to terms 7 & 8	J. Independent Light at position "A" Wired to terms 7 & 8
		K. (1-C1)/(3-C2)	NONE	OFF	DPST	K. 6V Red LED		K. Independent Light at position "A" Wired to terms 7 & 8	K. Independent Light at position "A" Wired to terms 7 & 8
		L. (1-C1)/(3-C2)	NONE	2-C1/4-C2	DPDT	L. 6V Green LED		L. Independent Light at position "A" Wired to terms 7 & 8	L. Independent Light at position "A" Wired to terms 7 & 8
		M. (1-C1)/(3-C2)	OFF	(2-C1)/(4-C2)	DPDT	M. 6V Amber LED		M. Independent Light at position "A" Wired to terms 7 & 8	M. Independent Light at position "A" Wired to terms 7 & 8
		N. 1-C1/3-C2	OFF	2-C1/4-C2	DPDT	N. 12V Red LED		N. Independent Light at position "A" Wired to terms 7 & 8	N. Independent Light at position "A" Wired to terms 7 & 8
		P. (1-C1)/(3-C2)	OFF	2-C1/4-C2	DPDT	P. 12V Green LED		P. Independent Light at position "A" Wired to terms 7 & 8	P. Independent Light at position "A" Wired to terms 7 & 8
						Q. 12V Amber LED		Q. Independent Light at position "A" Wired to terms 7 & 8	Q. Independent Light at position "A" Wired to terms 7 & 8
						R. 24V Red LED		R. Independent Light at position "A" Wired to terms 7 & 8	R. Independent Light at position "A" Wired to terms 7 & 8
						S. 24V Green LED		S. Independent Light at position "A" Wired to terms 7 & 8	S. Independent Light at position "A" Wired to terms 7 & 8
						T. 24V Amber LED		T. Independent Light at position "A" Wired to terms 7 & 8	T. Independent Light at position "A" Wired to terms 7 & 8

NOTE: () denotes momentary action.



NOTES:

- No momentary switches with dependent lights.
- Neon lamps only to be coded with clear or amber lenses.
- LED lenses must be clear or same color as LED.
- No legends on lamp side of switch.
- No dependent light in OFF positions.
- All legends printed on actuators without lens(es) will be white except actuator codes C, F, J, M & R.
- All legends printed on lenses will be white except on clear lens(es) will be black.

Optional Panel Gasket:

P/N C807038-25-1 .062" thickness

P/N C807038-25-2 .031" thickness

K4 connector P/N C801765

(See Connector page in Hardware & Accessories section)

- K4 panel plugs available as shown in Panel Plugs (PP) section.

ORDERING INFORMATION

Example: K4AAKEEABA specifies Q.C. terminals, standard rating; bat handle; DPST two position momentary ON, maintained OFF; 125VAC neon light; clear lens in positions "A", no lens in position "C"; dependent light ON in position "A", wired to terminals 1 & 7; no legend.

*See Appendix for complete voltage/current ratings table.

① All legends are white. Legend cannot be on the same side as the lens.

K4 SCHEMATICS

K4_A_A_ SPST - ON-NONE-OFF SCHEMATIC	K4_B_A_ SPDT - ON-NONE-ON SCHEMATIC	K4_C_A_ SPST - (ON)-NONE-OFF SCHEMATIC	K4_D_A_ SPDT - (ON)-NONE-ON SCHEMATIC	K4_E_A_ SPDT - (ON)-OFF-(ON) SCHEMATIC	K4_F_A_ SPDT - ON-OFF-ON SCHEMATIC
K4_G_A_ SPDT - (ON)-OFF-ON SCHEMATIC	K4_H_A_ DPST - ON-NONE-OFF SCHEMATIC	K4_J_A_ DPDT - ON-NONE-ON SCHEMATIC	K4_K_A_ DPST - (ON)-NONE-OFF SCHEMATIC	K4_L_A_ DPDT - (ON)-NONE-ON SCHEMATIC	K4_M_A_ DPDT - (ON)-OFF-(ON) SCHEMATIC
K4_N_A_ DPDT - ON-OFF-ON SCHEMATIC	K4_P_A_ DPDT - (ON)-OFF-ON SCHEMATIC	GENERAL SCHEMATIC INFORMATION ○ INDICATES MAINTAIN ACTION (FIXED POSITION) ◀ INDICATES MOMENTARY ACTION (AUTOMATIC RETURN POSITION)		K4_F_B_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "A"	K4_F_C_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "C"
K4_F_D_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "A"	K4_F_E_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "C"	K4_F_F_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "A" & "C"	K4_F_G_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "A" & IND LED IN "C"	K4_F_H_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "A" & DEP LED IN "C"	K4_F_J_ SPDT - ON-OFF-ON SCHEMATIC WIDE LED IN "A" & IND LED IN "C"
K4_F_B_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON BULB IN "A"	K4_F_C_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON BULB IN "C"	K4_F_D_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON BULB IN "A"	K4_F_E_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON BULB IN "C"	K4_F_F_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON BULB IN "A" & "C"	K4_F_G_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON IN "A" & IND NEON IN "C"
K4_F_H_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON IN "A" & DEP NEON IN "C"	K4_F_J_ SPDT - ON-OFF-ON SCHEMATIC WIDE NEON IN "A" & IND NEON IN "C"	K4_F_B_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "A"	K4_F_C_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "C"	K4_F_D_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "A"	
K4_F_E_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "C"	K4_F_F_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "A" & "C"	K4_F_G_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "A" & IND BULB IN "C"	K4_F_H_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "A" & DEP BULB IN "C"	K4_F_J_ SPDT - ON-OFF-ON SCHEMATIC WIDE BULB IN "A" & IND BULB IN "C"	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE AS LISTED. MUST BE FREE FROM BURRS AND SHARP EDGES TOLERANCES XX ±.03 XXX ±.010 ANGLES ±2° DO NOT SCALE DRAWING

K1, K2, K3P and K4 LIGHTING VOLTAGE/CURRENT COMPONENTS RATINGS

LIGHT SOURCE VOLTAGE CATEGORY	LIGHT SOURCE COLOR	FORWARD CURRENT	TYPICAL FORWARD/ NOMINAL VOLTAGE	MAX. FORWARD VOLTAGE
6 VDC INCANDESCENT	WHITE	.2 AMPS	6 VDC	8 VDC
12 VDC INCANDESCENT	WHITE	.08 AMPS	12 VDC	14 VDC
24 VDC INCANDESCENT	WHITE	.04 AMPS	24 VDC	28 VDC
125 VAC NEON	AMBER	1.9 mA	125 VAC	125 VAC
250 VAC NEON	AMBER	1.9 mA	250 VAC	250 VAC
2 V LED PRODUCTS*	RED	20 mA	1.9 VDC	2.5 VDC
	GREEN	20 mA	2.15 VDC	2.5 VDC
	AMBER	20 mA	1.95 VDC	2.5 VDC
6 V LED PRODUCTS	SEE CHART	20 mA	6 VDC	8 VDC
12 V LED PRODUCTS	SEE CHART	20 mA	12 VDC	14 VDC
24 V LED PRODUCTS	SEE CHART	20 mA	24 VDC	28 VDC

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/96		M8805/101-010	B3-12142	M8805/110-1147	P7-114127	M8805/110-1262	P7-136122
M8805/96-001	PE-1111	M8805/101-011	B3-15141	M8805/110-1148	P7-114128	M8805/110-1263	P7-136123
M8805/96-002	PE-1112	M8805/101-012	B3-15142	M8805/110-1149	P7-114129	M8805/110-1264	P7-136124
M8805/96-003	PE-2111	M8805/101-013	B3-13141	M8805/110-1151	P7-115121	M8805/110-1265	P7-136125
M8805/96-004	PE-2112	M8805/101-014	B3-13142	M8805/110-1152	P7-115122	M8805/110-1266	P7-136126
M8805/96-005	PE-1121	M8805/101-015	B3-11131	M8805/110-1153	P7-115123	M8805/110-1267	P7-136127
M8805/96-006	PE-1122	M8805/101-016	B3-11132	M8805/110-1154	P7-115124	M8805/110-1268	P7-136128
M8805/96-007	PE-2121	M8805/101-017	B3-12131	M8805/110-1155	P7-115125	M8805/110-1269	P7-136129
M8805/96-008	PE-2122	M8805/101-018	B3-12132	M8805/110-1156	P7-115126	M8805/110-1311	P7-151121
M8805/96-009	PE-1211	M8805/101-019	B3-15131	M8805/110-1157	P7-115127	M8805/110-1312	P7-151122
M8805/96-010	PE-1212	M8805/101-020	B3-15132	M8805/110-1158	P7-115128	M8805/110-1313	P7-151123
M8805/96-011	PE-2211	M8805/101-021	B3-13131	M8805/110-1159	P7-115129	M8805/110-1314	P7-151124
M8805/96-012	PE-2212	M8805/101-022	B3-13132	M8805/110-1161	P7-116121	M8805/110-1315	P7-151125
M8805/96-013	PE-1221			M8805/110-1162	P7-116122	M8805/110-1316	P7-151126
M8805/96-014	PE-1222	M8805/106		M8805/110-1163	P7-116123	M8805/110-1317	P7-151127
M8805/96-015	PE-2221	M8805/106-01	B2-200031	M8805/110-1164	P7-116124	M8805/110-1318	P7-151128
M8805/96-016	PE-2222	M8805/106-02	B2-200032	M8805/110-1165	P7-116125	M8805/110-1319	P7-151129
				M8805/110-1166	P7-116126	M8805/110-1321	P7-152121
M8805/99		M8805/109		M8805/110-1167	P7-116127	M8805/110-1322	P7-152122
M8805/99-009	PE2-11121	M8805/109-01	B2-111351	M8805/110-1168	P7-116128	M8805/110-1323	P7-152123
M8805/99-010	PE2-21121	M8805/109-02	B2-112351	M8805/110-1169	P7-116129	M8805/110-1324	P7-152124
M8805/99-011	PE2-31121	M8805/109-03	B2-111353	M8805/110-1211	P7-131121	M8805/110-1325	P7-152125
M8805/99-013	PE2-11111	M8805/109-04	B2-112353	M8805/110-1212	P7-131122	M8805/110-1326	P7-152126
M8805/99-014	PE2-21111			M8805/110-1213	P7-131123	M8805/110-1327	P7-152127
M8805/99-015	PE2-31111	M8805/110		M8805/110-1214	P7-131124	M8805/110-1328	P7-152128
M8805/99-025	PE2-11221	M8805/110-1111	P7-111121	M8805/110-1215	P7-131125	M8805/110-1329	P7-152129
M8805/99-026	PE2-21221	M8805/110-1112	P7-111122	M8805/110-1216	P7-131126	M8805/110-1331	P7-153121
M8805/99-027	PE2-31221	M8805/110-1113	P7-111123	M8805/110-1217	P7-131127	M8805/110-1332	P7-153122
M8805/99-029	PE2-11211	M8805/110-1114	P7-111124	M8805/110-1218	P7-131128	M8805/110-1333	P7-153123
M8805/99-030	PE2-21211	M8805/110-1115	P7-111125	M8805/110-1219	P7-131129	M8805/110-1334	P7-153124
M8805/99-031	PE2-31211	M8805/110-1116	P7-111126	M8805/110-1221	P7-132121	M8805/110-1335	P7-153125
M8805/99-037	PE2-11131	M8805/110-1117	P7-111127	M8805/110-1222	P7-132122	M8805/110-1336	P7-153126
M8805/99-038	PE2-21131	M8805/110-1118	P7-111128	M8805/110-1223	P7-132123	M8805/110-1337	P7-153127
M8805/99-039	PE2-31131	M8805/110-1119	P7-111129	M8805/110-1224	P7-132124	M8805/110-1338	P7-153128
M8805/99-045	PE2-11231	M8805/110-1121	P7-112121	M8805/110-1225	P7-132125	M8805/110-1339	P7-153129
M8805/99-046	PE2-21231	M8805/110-1122	P7-112122	M8805/110-1226	P7-132126	M8805/110-1341	P7-154121
M8805/99-047	PE2-31231	M8805/110-1123	P7-112123	M8805/110-1227	P7-132127	M8805/110-1342	P7-154122
		M8805/110-1124	P7-112124	M8805/110-1228	P7-132128	M8805/110-1343	P7-154123
M8805/100		M8805/110-1125	P7-112125	M8805/110-1229	P7-132129	M8805/110-1344	P7-154124
M8805/100-007	P6-24043	M8805/110-1126	P7-112126	M8805/110-1241	P7-134121	M8805/110-1345	P7-154125
M8805/100-008	P6-24044	M8805/110-1127	P7-112127	M8805/110-1242	P7-134122	M8805/110-1346	P7-154126
M8805/100-009	P6-14035	M8805/110-1128	P7-112128	M8805/110-1243	P7-134123	M8805/110-1347	P7-154127
M8805/100-010	P6-14036	M8805/110-1129	P7-112129	M8805/110-1244	P7-134124	M8805/110-1348	P7-154128
M8805/100-015	P6-24007	M8805/110-1131	P7-113121	M8805/110-1245	P7-134125	M8805/110-1349	P7-154129
M8805/100-016	P6-24008	M8805/110-1132	P7-113122	M8805/110-1246	P7-134126	M8805/110-1351	P7-155121
M8805/100-017	P6-14005	M8805/110-1133	P7-113123	M8805/110-1247	P7-134127	M8805/110-1352	P7-155122
M8805/100-018	P6-14006	M8805/110-1134	P7-113124	M8805/110-1248	P7-134128	M8805/110-1353	P7-155123
		M8805/110-1135	P7-113125	M8805/110-1249	P7-134129	M8805/110-1354	P7-155124
M8805/101		M8805/110-1136	P7-113126	M8805/110-1251	P7-135121	M8805/110-1355	P7-155125
M8805/101-001	B3-10064	M8805/110-1137	P7-113127	M8805/110-1252	P7-135122	M8805/110-1356	P7-155126
M8805/101-002	B3-10065	M8805/110-1138	P7-113128	M8805/110-1253	P7-135123	M8805/110-1357	P7-155127
M8805/101-003	B3-10066	M8805/110-1139	P7-113129	M8805/110-1254	P7-135124	M8805/110-1358	P7-155128
M8805/101-004	B3-10067	M8805/110-1141	P7-114121	M8805/110-1255	P7-135125	M8805/110-1359	P7-155129
M8805/101-005	B3-10063	M8805/110-1142	P7-114122	M8805/110-1256	P7-135126	M8805/110-1361	P7-156121
M8805/101-006	B3-10072	M8805/110-1143	P7-114123	M8805/110-1257	P7-135127	M8805/110-1362	P7-156122
M8805/101-007	B3-11141	M8805/110-1144	P7-114124	M8805/110-1258	P7-135128	M8805/110-1363	P7-156123
M8805/101-008	B3-11142	M8805/110-1145	P7-114125	M8805/110-1259	P7-135129	M8805/110-1364	P7-156124
M8805/101-009	B3-12141	M8805/110-1146	P7-114126	M8805/110-1261	P7-136121	M8805/110-1365	P7-156125

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/110-1366	P7-156126	M8805/110-1511	P7-131221	M8805/110-1615	P7-151225	M8805/110-1719	P7-161129
M8805/110-1367	P7-156127	M8805/110-1512	P7-131222	M8805/110-1616	P7-151226	M8805/110-1721	P7-162121
M8805/110-1368	P7-156128	M8805/110-1513	P7-131223	M8805/110-1617	P7-151227	M8805/110-1722	P7-162122
M8805/110-1369	P7-156129	M8805/110-1514	P7-131224	M8805/110-1618	P7-151228	M8805/110-1723	P7-162123
M8805/110-1411	P7-111221	M8805/110-1515	P7-131225	M8805/110-1619	P7-151229	M8805/110-1724	P7-162124
M8805/110-1412	P7-111222	M8805/110-1516	P7-131226	M8805/110-1621	P7-152221	M8805/110-1725	P7-162125
M8805/110-1413	P7-111223	M8805/110-1517	P7-131227	M8805/110-1622	P7-152222	M8805/110-1726	P7-162126
M8805/110-1414	P7-111224	M8805/110-1518	P7-131228	M8805/110-1623	P7-152223	M8805/110-1727	P7-162127
M8805/110-1415	P7-111225	M8805/110-1519	P7-131229	M8805/110-1624	P7-152224	M8805/110-1728	P7-162128
M8805/110-1416	P7-111226	M8805/110-1521	P7-132221	M8805/110-1625	P7-152225	M8805/110-1729	P7-162129
M8805/110-1417	P7-111227	M8805/110-1522	P7-132222	M8805/110-1626	P7-152226	M8805/110-1731	P7-163121
M8805/110-1418	P7-111228	M8805/110-1523	P7-132223	M8805/110-1627	P7-152227	M8805/110-1732	P7-163122
M8805/110-1419	P7-111229	M8805/110-1524	P7-132224	M8805/110-1628	P7-152228	M8805/110-1733	P7-163123
M8805/110-1421	P7-112221	M8805/110-1525	P7-132225	M8805/110-1629	P7-152229	M8805/110-1734	P7-163124
M8805/110-1422	P7-112222	M8805/110-1526	P7-132226	M8805/110-1631	P7-153221	M8805/110-1735	P7-163125
M8805/110-1423	P7-112223	M8805/110-1527	P7-132227	M8805/110-1632	P7-153222	M8805/110-1736	P7-163126
M8805/110-1424	P7-112224	M8805/110-1528	P7-132228	M8805/110-1633	P7-153223	M8805/110-1737	P7-163127
M8805/110-1425	P7-112225	M8805/110-1529	P7-132229	M8805/110-1634	P7-153224	M8805/110-1738	P7-163128
M8805/110-1426	P7-112226	M8805/110-1531	P7-133221	M8805/110-1635	P7-153225	M8805/110-1739	P7-163129
M8805/110-1427	P7-112227	M8805/110-1532	P7-133222	M8805/110-1636	P7-153226	M8805/110-1741	P7-164121
M8805/110-1428	P7-112228	M8805/110-1533	P7-133223	M8805/110-1637	P7-153227	M8805/110-1742	P7-164122
M8805/110-1429	P7-112229	M8805/110-1534	P7-133224	M8805/110-1638	P7-153228	M8805/110-1743	P7-164123
M8805/110-1431	P7-113221	M8805/110-1535	P7-133225	M8805/110-1639	P7-153229	M8805/110-1744	P7-164124
M8805/110-1432	P7-113222	M8805/110-1536	P7-133226	M8805/110-1641	P7-154221	M8805/110-1745	P7-164125
M8805/110-1433	P7-113223	M8805/110-1537	P7-133227	M8805/110-1642	P7-154222	M8805/110-1746	P7-164126
M8805/110-1434	P7-113224	M8805/110-1538	P7-133228	M8805/110-1643	P7-154223	M8805/110-1747	P7-164127
M8805/110-1435	P7-113225	M8805/110-1539	P7-133229	M8805/110-1644	P7-154224	M8805/110-1748	P7-164128
M8805/110-1436	P7-113226	M8805/110-1541	P7-134221	M8805/110-1645	P7-154225	M8805/110-1749	P7-164129
M8805/110-1437	P7-113227	M8805/110-1542	P7-134222	M8805/110-1646	P7-154226	M8805/110-1751	P7-165121
M8805/110-1438	P7-113228	M8805/110-1543	P7-134223	M8805/110-1647	P7-154227	M8805/110-1752	P7-165122
M8805/110-1439	P7-113229	M8805/110-1544	P7-134224	M8805/110-1648	P7-154228	M8805/110-1753	P7-165123
M8805/110-1441	P7-114221	M8805/110-1545	P7-134225	M8805/110-1649	P7-154229	M8805/110-1754	P7-165124
M8805/110-1442	P7-114222	M8805/110-1546	P7-134226	M8805/110-1651	P7-155221	M8805/110-1755	P7-165125
M8805/110-1443	P7-114223	M8805/110-1547	P7-134227	M8805/110-1652	P7-155222	M8805/110-1756	P7-165126
M8805/110-1444	P7-114224	M8805/110-1548	P7-134228	M8805/110-1653	P7-155223	M8805/110-1757	P7-165127
M8805/110-1445	P7-114225	M8805/110-1549	P7-134229	M8805/110-1654	P7-155224	M8805/110-1758	P7-165128
M8805/110-1446	P7-114226	M8805/110-1551	P7-135221	M8805/110-1655	P7-155225	M8805/110-1759	P7-165129
M8805/110-1447	P7-114227	M8805/110-1552	P7-135222	M8805/110-1656	P7-155226	M8805/110-1761	P7-166121
M8805/110-1448	P7-114228	M8805/110-1553	P7-135223	M8805/110-1657	P7-155227	M8805/110-1762	P7-166122
M8805/110-1449	P7-114229	M8805/110-1554	P7-135224	M8805/110-1658	P7-155228	M8805/110-1763	P7-166123
M8805/110-1451	P7-115221	M8805/110-1555	P7-135225	M8805/110-1659	P7-155229	M8805/110-1764	P7-166124
M8805/110-1452	P7-115222	M8805/110-1556	P7-135226	M8805/110-1661	P7-156221	M8805/110-1765	P7-166125
M8805/110-1453	P7-115223	M8805/110-1557	P7-135227	M8805/110-1662	P7-156222	M8805/110-1766	P7-166126
M8805/110-1454	P7-115224	M8805/110-1558	P7-135228	M8805/110-1663	P7-156223	M8805/110-1767	P7-166127
M8805/110-1455	P7-115225	M8805/110-1559	P7-135229	M8805/110-1664	P7-156224	M8805/110-1768	P7-166128
M8805/110-1456	P7-115226	M8805/110-1561	P7-136221	M8805/110-1665	P7-156225	M8805/110-1769	P7-166129
M8805/110-1457	P7-115227	M8805/110-1562	P7-136222	M8805/110-1666	P7-156226	M8805/110-1811	P7-161221
M8805/110-1458	P7-115228	M8805/110-1563	P7-136223	M8805/110-1667	P7-156227	M8805/110-1812	P7-161222
M8805/110-1459	P7-115229	M8805/110-1564	P7-136224	M8805/110-1668	P7-156228	M8805/110-1813	P7-161223
M8805/110-1461	P7-116221	M8805/110-1565	P7-136225	M8805/110-1669	P7-156229	M8805/110-1814	P7-161224
M8805/110-1462	P7-116222	M8805/110-1566	P7-136226	M8805/110-1711	P7-161121	M8805/110-1815	P7-161225
M8805/110-1463	P7-116223	M8805/110-1567	P7-136227	M8805/110-1712	P7-161122	M8805/110-1816	P7-161226
M8805/110-1464	P7-116224	M8805/110-1568	P7-136228	M8805/110-1713	P7-161123		
M8805/110-1465	P7-116225	M8805/110-1569	P7-136229	M8805/110-1714	P7-161124		
M8805/110-1466	P7-116226	M8805/110-1611	P7-151221	M8805/110-1715	P7-161125		
M8805/110-1467	P7-116227	M8805/110-1612	P7-151222	M8805/110-1716	P7-161126		
M8805/110-1468	P7-116228	M8805/110-1613	P7-151223	M8805/110-1717	P7-161127		
M8805/110-1469	P7-116229	M8805/110-1614	P7-151224	M8805/110-1718	P7-161128		

CROSS REFERENCE: MILITARY TO OTTO

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M8805/110-1817	P7-161227	M8805/110-2122	P7-212122	M8805/110-2226	P7-232126	M8805/110-2341	P7-254121
M8805/110-1818	P7-161228	M8805/110-2123	P7-212123	M8805/110-2227	P7-232127	M8805/110-2342	P7-254122
M8805/110-1819	P7-161229	M8805/110-2124	P7-212124	M8805/110-2228	P7-232128	M8805/110-2343	P7-254123
M8805/110-1821	P7-162221	M8805/110-2125	P7-212125	M8805/110-2229	P7-232129	M8805/110-2344	P7-254124
M8805/110-1822	P7-162222	M8805/110-2126	P7-212126	M8805/110-2241	P7-234121	M8805/110-2345	P7-254125
M8805/110-1823	P7-162223	M8805/110-2127	P7-212127	M8805/110-2242	P7-234122	M8805/110-2346	P7-254126
M8805/110-1824	P7-162224	M8805/110-2128	P7-212128	M8805/110-2243	P7-234123	M8805/110-2347	P7-254127
M8805/110-1825	P7-162225	M8805/110-2129	P7-212129	M8805/110-2244	P7-234124	M8805/110-2348	P7-254128
M8805/110-1826	P7-162226	M8805/110-2131	P7-213121	M8805/110-2245	P7-234125	M8805/110-2349	P7-254129
M8805/110-1827	P7-162227	M8805/110-2132	P7-213122	M8805/110-2246	P7-234126	M8805/110-2351	P7-255121
M8805/110-1828	P7-162228	M8805/110-2133	P7-213123	M8805/110-2247	P7-234127	M8805/110-2352	P7-255122
M8805/110-1829	P7-162229	M8805/110-2134	P7-213124	M8805/110-2248	P7-234128	M8805/110-2353	P7-255123
M8805/110-1831	P7-163221	M8805/110-2135	P7-213125	M8805/110-2249	P7-234129	M8805/110-2354	P7-255124
M8805/110-1832	P7-163222	M8805/110-2136	P7-213126	M8805/110-2251	P7-235121	M8805/110-2355	P7-255125
M8805/110-1833	P7-163223	M8805/110-2137	P7-213127	M8805/110-2252	P7-235122	M8805/110-2356	P7-255126
M8805/110-1834	P7-163224	M8805/110-2138	P7-213128	M8805/110-2253	P7-235123	M8805/110-2357	P7-255127
M8805/110-1835	P7-163225	M8805/110-2139	P7-213129	M8805/110-2254	P7-235124	M8805/110-2358	P7-255128
M8805/110-1836	P7-163226	M8805/110-2141	P7-214121	M8805/110-2255	P7-235125	M8805/110-2359	P7-255129
M8805/110-1837	P7-163227	M8805/110-2142	P7-214122	M8805/110-2256	P7-235126	M8805/110-2361	P7-256121
M8805/110-1838	P7-163228	M8805/110-2143	P7-214123	M8805/110-2257	P7-235127	M8805/110-2362	P7-256122
M8805/110-1839	P7-163229	M8805/110-2144	P7-214124	M8805/110-2258	P7-235128	M8805/110-2363	P7-256123
M8805/110-1841	P7-164221	M8805/110-2145	P7-214125	M8805/110-2259	P7-235129	M8805/110-2364	P7-256124
M8805/110-1842	P7-164222	M8805/110-2146	P7-214126	M8805/110-2261	P7-236121	M8805/110-2365	P7-256125
M8805/110-1843	P7-164223	M8805/110-2147	P7-214127	M8805/110-2262	P7-236122	M8805/110-2366	P7-256126
M8805/110-1844	P7-164224	M8805/110-2148	P7-214128	M8805/110-2263	P7-236123	M8805/110-2367	P7-256127
M8805/110-1845	P7-164225	M8805/110-2149	P7-214129	M8805/110-2264	P7-236124	M8805/110-2368	P7-256128
M8805/110-1846	P7-164226	M8805/110-2151	P7-215121	M8805/110-2265	P7-236125	M8805/110-2369	P7-256129
M8805/110-1847	P7-164227	M8805/110-2152	P7-215122	M8805/110-2266	P7-236126	M8805/110-2411	P7-211221
M8805/110-1848	P7-164228	M8805/110-2153	P7-215123	M8805/110-2267	P7-236127	M8805/110-2412	P7-211222
M8805/110-1849	P7-164229	M8805/110-2154	P7-215124	M8805/110-2268	P7-236128	M8805/110-2413	P7-211223
M8805/110-1851	P7-165221	M8805/110-2155	P7-215125	M8805/110-2269	P7-236129	M8805/110-2414	P7-211224
M8805/110-1852	P7-165222	M8805/110-2156	P7-215126	M8805/110-2311	P7-251121	M8805/110-2415	P7-211225
M8805/110-1853	P7-165223	M8805/110-2157	P7-215127	M8805/110-2312	P7-251122	M8805/110-2416	P7-211226
M8805/110-1854	P7-165224	M8805/110-2158	P7-215128	M8805/110-2313	P7-251123	M8805/110-2417	P7-211227
M8805/110-1855	P7-165225	M8805/110-2159	P7-215129	M8805/110-2314	P7-251124	M8805/110-2418	P7-211228
M8805/110-1856	P7-165226	M8805/110-2161	P7-216121	M8805/110-2315	P7-251125	M8805/110-2419	P7-211229
M8805/110-1857	P7-165227	M8805/110-2162	P7-216122	M8805/110-2316	P7-251126	M8805/110-2421	P7-212221
M8805/110-1858	P7-165228	M8805/110-2163	P7-216123	M8805/110-2317	P7-251127	M8805/110-2422	P7-212222
M8805/110-1859	P7-165229	M8805/110-2164	P7-216124	M8805/110-2318	P7-251128	M8805/110-2423	P7-212223
M8805/110-1861	P7-166221	M8805/110-2165	P7-216125	M8805/110-2319	P7-251129	M8805/110-2424	P7-212224
M8805/110-1862	P7-166222	M8805/110-2166	P7-216126	M8805/110-2321	P7-252121	M8805/110-2425	P7-212225
M8805/110-1863	P7-166223	M8805/110-2167	P7-216127	M8805/110-2322	P7-252122	M8805/110-2426	P7-212226
M8805/110-1864	P7-166224	M8805/110-2168	P7-216128	M8805/110-2323	P7-252123	M8805/110-2427	P7-212227
M8805/110-1865	P7-166225	M8805/110-2169	P7-216129	M8805/110-2324	P7-252124	M8805/110-2428	P7-212228
M8805/110-1866	P7-166226	M8805/110-2211	P7-231121	M8805/110-2325	P7-252125	M8805/110-2429	P7-212229
M8805/110-1867	P7-166227	M8805/110-2212	P7-231122	M8805/110-2326	P7-252126	M8805/110-2431	P7-213221
M8805/110-1868	P7-166228	M8805/110-2213	P7-231123	M8805/110-2327	P7-252127	M8805/110-2432	P7-213222
M8805/110-1869	P7-166229	M8805/110-2214	P7-231124	M8805/110-2328	P7-252128	M8805/110-2433	P7-213223
M8805/110-2111	P7-211121	M8805/110-2215	P7-231125	M8805/110-2329	P7-252129	M8805/110-2434	P7-213224
M8805/110-2112	P7-211122	M8805/110-2216	P7-231126	M8805/110-2331	P7-253121	M8805/110-2435	P7-213225
M8805/110-2113	P7-211123	M8805/110-2217	P7-231127	M8805/110-2332	P7-253122	M8805/110-2436	P7-213226
M8805/110-2114	P7-211124	M8805/110-2218	P7-231128	M8805/110-2333	P7-253123	M8805/110-2437	P7-213227
M8805/110-2115	P7-211125	M8805/110-2219	P7-231129	M8805/110-2334	P7-253124	M8805/110-2438	P7-213228
M8805/110-2116	P7-211126	M8805/110-2221	P7-232121	M8805/110-2335	P7-253125	M8805/110-2439	P7-213229
M8805/110-2117	P7-211127	M8805/110-2222	P7-232122	M8805/110-2336	P7-253126	M8805/110-2441	P7-214221
M8805/110-2118	P7-211128	M8805/110-2223	P7-232123	M8805/110-2337	P7-253127	M8805/110-2442	P7-214222
M8805/110-2119	P7-211129	M8805/110-2224	P7-232124	M8805/110-2338	P7-253128	M8805/110-2443	P7-214223
M8805/110-2121	P7-212121	M8805/110-2225	P7-232125	M8805/110-2339	P7-253129	M8805/110-2444	P7-214224

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/110-2445	P7-214225	M8805/110-2549	P7-234229	M8805/110-2654	P7-255224	M8805/110-2758	P7-265128
M8805/110-2446	P7-214226	M8805/110-2551	P7-235221	M8805/110-2655	P7-255225	M8805/110-2759	P7-265129
M8805/110-2447	P7-214227	M8805/110-2552	P7-235222	M8805/110-2656	P7-255226	M8805/110-2761	P7-266121
M8805/110-2448	P7-214228	M8805/110-2553	P7-235223	M8805/110-2657	P7-255227	M8805/110-2762	P7-266122
M8805/110-2449	P7-214229	M8805/110-2554	P7-235224	M8805/110-2658	P7-255228	M8805/110-2763	P7-266123
M8805/110-2451	P7-215221	M8805/110-2555	P7-235225	M8805/110-2659	P7-255229	M8805/110-2764	P7-266124
M8805/110-2452	P7-215222	M8805/110-2556	P7-235226	M8805/110-2661	P7-256221	M8805/110-2765	P7-266125
M8805/110-2453	P7-215223	M8805/110-2557	P7-235227	M8805/110-2662	P7-256222	M8805/110-2766	P7-266126
M8805/110-2454	P7-215224	M8805/110-2558	P7-235228	M8805/110-2663	P7-256223	M8805/110-2767	P7-266127
M8805/110-2455	P7-215225	M8805/110-2559	P7-235229	M8805/110-2664	P7-256224	M8805/110-2768	P7-266128
M8805/110-2456	P7-215226	M8805/110-2561	P7-236221	M8805/110-2665	P7-256225	M8805/110-2769	P7-266129
M8805/110-2457	P7-215227	M8805/110-2562	P7-236222	M8805/110-2666	P7-256226	M8805/110-2811	P7-261221
M8805/110-2458	P7-215228	M8805/110-2563	P7-236223	M8805/110-2667	P7-256227	M8805/110-2812	P7-261222
M8805/110-2459	P7-215229	M8805/110-2564	P7-236224	M8805/110-2668	P7-256228	M8805/110-2813	P7-261223
M8805/110-2461	P7-216221	M8805/110-2565	P7-236225	M8805/110-2669	P7-256229	M8805/110-2814	P7-261224
M8805/110-2462	P7-216222	M8805/110-2566	P7-236226	M8805/110-2711	P7-261121	M8805/110-2815	P7-261225
M8805/110-2463	P7-216223	M8805/110-2567	P7-236227	M8805/110-2712	P7-261122	M8805/110-2816	P7-261226
M8805/110-2464	P7-216224	M8805/110-2568	P7-236228	M8805/110-2713	P7-261123	M8805/110-2817	P7-261227
M8805/110-2465	P7-216225	M8805/110-2569	P7-236229	M8805/110-2714	P7-261124	M8805/110-2818	P7-261228
M8805/110-2466	P7-216226	M8805/110-2611	P7-251221	M8805/110-2715	P7-261125	M8805/110-2819	P7-261229
M8805/110-2467	P7-216227	M8805/110-2612	P7-251222	M8805/110-2716	P7-261126	M8805/110-2821	P7-262221
M8805/110-2468	P7-216228	M8805/110-2613	P7-251223	M8805/110-2717	P7-261127	M8805/110-2822	P7-262222
M8805/110-2469	P7-216229	M8805/110-2614	P7-251224	M8805/110-2718	P7-261128	M8805/110-2823	P7-262223
M8805/110-2511	P7-231221	M8805/110-2615	P7-251225	M8805/110-2719	P7-261129	M8805/110-2824	P7-262224
M8805/110-2512	P7-231222	M8805/110-2616	P7-251226	M8805/110-2721	P7-262121	M8805/110-2825	P7-262225
M8805/110-2513	P7-231223	M8805/110-2617	P7-251227	M8805/110-2722	P7-262122	M8805/110-2826	P7-262226
M8805/110-2514	P7-231224	M8805/110-2618	P7-251228	M8805/110-2723	P7-262123	M8805/110-2827	P7-262227
M8805/110-2515	P7-231225	M8805/110-2619	P7-251229	M8805/110-2724	P7-262124	M8805/110-2828	P7-262228
M8805/110-2516	P7-231226	M8805/110-2621	P7-252221	M8805/110-2725	P7-262125	M8805/110-2829	P7-262229
M8805/110-2517	P7-231227	M8805/110-2622	P7-252222	M8805/110-2726	P7-262126	M8805/110-2831	P7-263221
M8805/110-2518	P7-231228	M8805/110-2623	P7-252223	M8805/110-2727	P7-262127	M8805/110-2832	P7-263222
M8805/110-2519	P7-231229	M8805/110-2624	P7-252224	M8805/110-2728	P7-262128	M8805/110-2833	P7-263223
M8805/110-2521	P7-232221	M8805/110-2625	P7-252225	M8805/110-2729	P7-262129	M8805/110-2834	P7-263224
M8805/110-2522	P7-232222	M8805/110-2626	P7-252226	M8805/110-2731	P7-263121	M8805/110-2835	P7-263225
M8805/110-2523	P7-232223	M8805/110-2627	P7-252227	M8805/110-2732	P7-263122	M8805/110-2836	P7-263226
M8805/110-2524	P7-232224	M8805/110-2628	P7-252228	M8805/110-2733	P7-263123	M8805/110-2837	P7-263227
M8805/110-2525	P7-232225	M8805/110-2629	P7-252229	M8805/110-2734	P7-263124	M8805/110-2838	P7-263228
M8805/110-2526	P7-232226	M8805/110-2631	P7-253221	M8805/110-2735	P7-263125	M8805/110-2839	P7-263229
M8805/110-2527	P7-232227	M8805/110-2632	P7-253222	M8805/110-2736	P7-263126	M8805/110-2841	P7-264221
M8805/110-2528	P7-232228	M8805/110-2633	P7-253223	M8805/110-2737	P7-263127	M8805/110-2842	P7-264222
M8805/110-2529	P7-232229	M8805/110-2634	P7-253224	M8805/110-2738	P7-263128	M8805/110-2843	P7-264223
M8805/110-2531	P7-233221	M8805/110-2635	P7-253225	M8805/110-2739	P7-263129	M8805/110-2844	P7-264224
M8805/110-2532	P7-233222	M8805/110-2636	P7-253226	M8805/110-2741	P7-264121	M8805/110-2845	P7-264225
M8805/110-2533	P7-233223	M8805/110-2637	P7-253227	M8805/110-2742	P7-264122	M8805/110-2846	P7-264226
M8805/110-2534	P7-233224	M8805/110-2638	P7-253228	M8805/110-2743	P7-264123	M8805/110-2847	P7-264227
M8805/110-2535	P7-233225	M8805/110-2639	P7-253229	M8805/110-2744	P7-264124	M8805/110-2848	P7-264228
M8805/110-2536	P7-233226	M8805/110-2641	P7-254221	M8805/110-2745	P7-264125	M8805/110-2849	P7-264229
M8805/110-2537	P7-233227	M8805/110-2642	P7-254222	M8805/110-2746	P7-264126	M8805/110-2851	P7-265221
M8805/110-2538	P7-233228	M8805/110-2643	P7-254223	M8805/110-2747	P7-264127	M8805/110-2852	P7-265222
M8805/110-2539	P7-233229	M8805/110-2644	P7-254224	M8805/110-2748	P7-264128	M8805/110-2853	P7-265223
M8805/110-2541	P7-234221	M8805/110-2645	P7-254225	M8805/110-2749	P7-264129	M8805/110-2854	P7-265224
M8805/110-2542	P7-234222	M8805/110-2646	P7-254226	M8805/110-2751	P7-265121	M8805/110-2855	P7-265225
M8805/110-2543	P7-234223	M8805/110-2647	P7-254227	M8805/110-2752	P7-265122	M8805/110-2856	P7-265226
M8805/110-2544	P7-234224	M8805/110-2648	P7-254228	M8805/110-2753	P7-265123	M8805/110-2857	P7-265227
M8805/110-2545	P7-234225	M8805/110-2649	P7-254229	M8805/110-2754	P7-265124	M8805/110-2858	P7-265228
M8805/110-2546	P7-234226	M8805/110-2651	P7-255221	M8805/110-2755	P7-265125	M8805/110-2859	P7-265229
M8805/110-2547	P7-234227	M8805/110-2652	P7-255222	M8805/110-2756	P7-265126	M8805/110-2861	P7-266221
M8805/110-2548	P7-234228	M8805/110-2653	P7-255223	M8805/110-2757	P7-265127	M8805/110-2862	P7-266222

CROSS REFERENCE: MILITARY TO OTTO

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M8805/110-2863	P7-266223	M8805/110-3167	P7-316127	M8805/110-3322	P7-352122	M8805/110-3426	P7-312226
M8805/110-2864	P7-266224	M8805/110-3168	P7-316128	M8805/110-3323	P7-352123	M8805/110-3427	P7-312227
M8805/110-2865	P7-266225	M8805/110-3169	P7-316129	M8805/110-3324	P7-352124	M8805/110-3428	P7-312228
M8805/110-2866	P7-266226	M8805/110-3211	P7-331121	M8805/110-3325	P7-352125	M8805/110-3429	P7-312229
M8805/110-2867	P7-266227	M8805/110-3212	P7-331122	M8805/110-3326	P7-352126	M8805/110-3431	P7-313221
M8805/110-2868	P7-266228	M8805/110-3213	P7-331123	M8805/110-3327	P7-352127	M8805/110-3432	P7-313222
M8805/110-2869	P7-266229	M8805/110-3214	P7-331124	M8805/110-3328	P7-352128	M8805/110-3433	P7-313223
M8805/110-3111	P7-311121	M8805/110-3215	P7-331125	M8805/110-3329	P7-352129	M8805/110-3434	P7-313224
M8805/110-3112	P7-311122	M8805/110-3216	P7-331126	M8805/110-3331	P7-353121	M8805/110-3435	P7-313225
M8805/110-3113	P7-311123	M8805/110-3217	P7-331127	M8805/110-3332	P7-353122	M8805/110-3436	P7-313226
M8805/110-3114	P7-311124	M8805/110-3218	P7-331128	M8805/110-3333	P7-353123	M8805/110-3437	P7-313227
M8805/110-3115	P7-311125	M8805/110-3219	P7-331129	M8805/110-3334	P7-353124	M8805/110-3438	P7-313228
M8805/110-3116	P7-311126	M8805/110-3221	P7-332121	M8805/110-3335	P7-353125	M8805/110-3439	P7-313229
M8805/110-3117	P7-311127	M8805/110-3222	P7-332122	M8805/110-3336	P7-353126	M8805/110-3441	P7-314221
M8805/110-3118	P7-311128	M8805/110-3223	P7-332123	M8805/110-3337	P7-353127	M8805/110-3442	P7-314222
M8805/110-3119	P7-311129	M8805/110-3224	P7-332124	M8805/110-3338	P7-353128	M8805/110-3443	P7-314223
M8805/110-3121	P7-312121	M8805/110-3225	P7-332125	M8805/110-3339	P7-353129	M8805/110-3444	P7-314224
M8805/110-3122	P7-312122	M8805/110-3226	P7-332126	M8805/110-3341	P7-354121	M8805/110-3445	P7-314225
M8805/110-3123	P7-312123	M8805/110-3227	P7-332127	M8805/110-3342	P7-354122	M8805/110-3446	P7-314226
M8805/110-3124	P7-312124	M8805/110-3228	P7-332128	M8805/110-3343	P7-354123	M8805/110-3447	P7-314227
M8805/110-3125	P7-312125	M8805/110-3229	P7-332129	M8805/110-3344	P7-354124	M8805/110-3448	P7-314228
M8805/110-3126	P7-312126	M8805/110-3241	P7-334121	M8805/110-3345	P7-354125	M8805/110-3449	P7-314229
M8805/110-3127	P7-312127	M8805/110-3242	P7-334122	M8805/110-3346	P7-354126	M8805/110-3451	P7-315221
M8805/110-3128	P7-312128	M8805/110-3243	P7-334123	M8805/110-3347	P7-354127	M8805/110-3452	P7-315222
M8805/110-3129	P7-312129	M8805/110-3244	P7-334124	M8805/110-3348	P7-354128	M8805/110-3453	P7-315223
M8805/110-3131	P7-313121	M8805/110-3245	P7-334125	M8805/110-3349	P7-354129	M8805/110-3454	P7-315224
M8805/110-3132	P7-313122	M8805/110-3246	P7-334126	M8805/110-3351	P7-355121	M8805/110-3455	P7-315225
M8805/110-3133	P7-313123	M8805/110-3247	P7-334127	M8805/110-3352	P7-355122	M8805/110-3456	P7-315226
M8805/110-3134	P7-313124	M8805/110-3248	P7-334128	M8805/110-3353	P7-355123	M8805/110-3457	P7-315227
M8805/110-3135	P7-313125	M8805/110-3249	P7-334129	M8805/110-3354	P7-355124	M8805/110-3458	P7-315228
M8805/110-3136	P7-313126	M8805/110-3251	P7-335121	M8805/110-3355	P7-355125	M8805/110-3459	P7-315229
M8805/110-3137	P7-313127	M8805/110-3252	P7-335122	M8805/110-3356	P7-355126	M8805/110-3461	P7-316221
M8805/110-3138	P7-313128	M8805/110-3253	P7-335123	M8805/110-3357	P7-355127	M8805/110-3462	P7-316222
M8805/110-3139	P7-313129	M8805/110-3254	P7-335124	M8805/110-3358	P7-355128	M8805/110-3463	P7-316223
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M8805/110-3142	P7-314122	M8805/110-3256	P7-335126	M8805/110-3361	P7-356121	M8805/110-3465	P7-316225
M8805/110-3143	P7-314123	M8805/110-3257	P7-335127	M8805/110-3362	P7-356122	M8805/110-3466	P7-316226
M8805/110-3144	P7-314124	M8805/110-3258	P7-335128	M8805/110-3363	P7-356123	M8805/110-3467	P7-316227
M8805/110-3145	P7-314125	M8805/110-3259	P7-335129	M8805/110-3364	P7-356124	M8805/110-3468	P7-316228
M8805/110-3146	P7-314126	M8805/110-3261	P7-336121	M8805/110-3365	P7-356125	M8805/110-3469	P7-316229
M8805/110-3147	P7-314127	M8805/110-3262	P7-336122	M8805/110-3366	P7-356126	M8805/110-3511	P7-331221
M8805/110-3148	P7-314128	M8805/110-3263	P7-336123	M8805/110-3367	P7-356127	M8805/110-3512	P7-331222
M8805/110-3149	P7-314129	M8805/110-3264	P7-336124	M8805/110-3368	P7-356128	M8805/110-3513	P7-331223
M8805/110-3151	P7-315121	M8805/110-3265	P7-336125	M8805/110-3369	P7-356129	M8805/110-3514	P7-331224
M8805/110-3152	P7-315122	M8805/110-3266	P7-336126	M8805/110-3411	P7-311221	M8805/110-3515	P7-331225
M8805/110-3153	P7-315123	M8805/110-3267	P7-336127	M8805/110-3412	P7-311222	M8805/110-3516	P7-331226
M8805/110-3154	P7-315124	M8805/110-3268	P7-336128	M8805/110-3413	P7-311223	M8805/110-3517	P7-331227
M8805/110-3155	P7-315125	M8805/110-3269	P7-336129	M8805/110-3414	P7-311224	M8805/110-3518	P7-331228
M8805/110-3156	P7-315126	M8805/110-3311	P7-351121	M8805/110-3415	P7-311225	M8805/110-3519	P7-331229
M8805/110-3157	P7-315127	M8805/110-3312	P7-351122	M8805/110-3416	P7-311226	M8805/110-3521	P7-332221
M8805/110-3158	P7-315128	M8805/110-3313	P7-351123	M8805/110-3417	P7-311227	M8805/110-3522	P7-332222
M8805/110-3159	P7-315129	M8805/110-3314	P7-351124	M8805/110-3418	P7-311228	M8805/110-3523	P7-332223
M8805/110-3161	P7-316121	M8805/110-3315	P7-351125	M8805/110-3419	P7-311229	M8805/110-3524	P7-332224
M8805/110-3162	P7-316122	M8805/110-3316	P7-351126	M8805/110-3421	P7-312221	M8805/110-3525	P7-332225
M8805/110-3163	P7-316123	M8805/110-3317	P7-351127	M8805/110-3422	P7-312222	M8805/110-3526	P7-332226
M8805/110-3164	P7-316124	M8805/110-3318	P7-351128	M8805/110-3423	P7-312223	M8805/110-3527	P7-332227
M8805/110-3165	P7-316125	M8805/110-3319	P7-351129	M8805/110-3424	P7-312224	M8805/110-3528	P7-332228
M8805/110-3166	P7-316126	M8805/110-3321	P7-352121	M8805/110-3425	P7-312225	M8805/110-3529	P7-332229

CROSS REFERENCE: MILITARY TO OTTO

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M8805/110-3531	P7-333221	M8805/110-3635	P7-353225	M8805/110-3739	P7-363129	M8805/110-3844	P7-364224
M8805/110-3532	P7-333222	M8805/110-3636	P7-353226	M8805/110-3741	P7-364121	M8805/110-3845	P7-364225
M8805/110-3533	P7-333223	M8805/110-3637	P7-353227	M8805/110-3742	P7-364122	M8805/110-3846	P7-364226
M8805/110-3534	P7-333224	M8805/110-3638	P7-353228	M8805/110-3743	P7-364123	M8805/110-3847	P7-364227
M8805/110-3535	P7-333225	M8805/110-3639	P7-353229	M8805/110-3744	P7-364124	M8805/110-3848	P7-364228
M8805/110-3536	P7-333226	M8805/110-3641	P7-354221	M8805/110-3745	P7-364125	M8805/110-3849	P7-364229
M8805/110-3537	P7-333227	M8805/110-3642	P7-354222	M8805/110-3746	P7-364126	M8805/110-3851	P7-365221
M8805/110-3538	P7-333228	M8805/110-3643	P7-354223	M8805/110-3747	P7-364127	M8805/110-3852	P7-365222
M8805/110-3539	P7-333229	M8805/110-3644	P7-354224	M8805/110-3748	P7-364128	M8805/110-3853	P7-365223
M8805/110-3541	P7-334221	M8805/110-3645	P7-354225	M8805/110-3749	P7-364129	M8805/110-3854	P7-365224
M8805/110-3542	P7-334222	M8805/110-3646	P7-354226	M8805/110-3751	P7-365121	M8805/110-3855	P7-365225
M8805/110-3543	P7-334223	M8805/110-3647	P7-354227	M8805/110-3752	P7-365122	M8805/110-3856	P7-365226
M8805/110-3544	P7-334224	M8805/110-3648	P7-354228	M8805/110-3753	P7-365123	M8805/110-3857	P7-365227
M8805/110-3545	P7-334225	M8805/110-3649	P7-354229	M8805/110-3754	P7-365124	M8805/110-3858	P7-365228
M8805/110-3546	P7-334226	M8805/110-3651	P7-355221	M8805/110-3755	P7-365125	M8805/110-3859	P7-365229
M8805/110-3547	P7-334227	M8805/110-3652	P7-355222	M8805/110-3756	P7-365126	M8805/110-3861	P7-366221
M8805/110-3548	P7-334228	M8805/110-3653	P7-355223	M8805/110-3757	P7-365127	M8805/110-3862	P7-366222
M8805/110-3549	P7-334229	M8805/110-3654	P7-355224	M8805/110-3758	P7-365128	M8805/110-3863	P7-366223
M8805/110-3551	P7-335221	M8805/110-3655	P7-355225	M8805/110-3759	P7-365129	M8805/110-3864	P7-366224
M8805/110-3552	P7-335222	M8805/110-3656	P7-355226	M8805/110-3761	P7-366121	M8805/110-3865	P7-366225
M8805/110-3553	P7-335223	M8805/110-3657	P7-355227	M8805/110-3762	P7-366122	M8805/110-3866	P7-366226
M8805/110-3554	P7-335224	M8805/110-3658	P7-355228	M8805/110-3763	P7-366123	M8805/110-3867	P7-366227
M8805/110-3555	P7-335225	M8805/110-3659	P7-355229	M8805/110-3764	P7-366124	M8805/110-3868	P7-366228
M8805/110-3556	P7-335226	M8805/110-3661	P7-356221	M8805/110-3765	P7-366125	M8805/110-3869	P7-366229
M8805/110-3557	P7-335227	M8805/110-3662	P7-356222	M8805/110-3766	P7-366126	M8805/110-5111	P7-511121
M8805/110-3558	P7-335228	M8805/110-3663	P7-356223	M8805/110-3767	P7-366127	M8805/110-5112	P7-511122
M8805/110-3559	P7-335229	M8805/110-3664	P7-356224	M8805/110-3768	P7-366128	M8805/110-5113	P7-511123
M8805/110-3561	P7-336221	M8805/110-3665	P7-356225	M8805/110-3769	P7-366129	M8805/110-5114	P7-511124
M8805/110-3562	P7-336222	M8805/110-3666	P7-356226	M8805/110-3811	P7-361221	M8805/110-5115	P7-511125
M8805/110-3563	P7-336223	M8805/110-3667	P7-356227	M8805/110-3812	P7-361222	M8805/110-5116	P7-511126
M8805/110-3564	P7-336224	M8805/110-3668	P7-356228	M8805/110-3813	P7-361223	M8805/110-5117	P7-511127
M8805/110-3565	P7-336225	M8805/110-3669	P7-356229	M8805/110-3814	P7-361224	M8805/110-5118	P7-511128
M8805/110-3566	P7-336226	M8805/110-3711	P7-361121	M8805/110-3815	P7-361225	M8805/110-5119	P7-511129
M8805/110-3567	P7-336227	M8805/110-3712	P7-361122	M8805/110-3816	P7-361226	M8805/110-5121	P7-512121
M8805/110-3568	P7-336228	M8805/110-3713	P7-361123	M8805/110-3817	P7-361227	M8805/110-5122	P7-512122
M8805/110-3569	P7-336229	M8805/110-3714	P7-361124	M8805/110-3818	P7-361228	M8805/110-5123	P7-512123
M8805/110-3611	P7-351221	M8805/110-3715	P7-361125	M8805/110-3819	P7-361229	M8805/110-5124	P7-512124
M8805/110-3612	P7-351222	M8805/110-3716	P7-361126	M8805/110-3821	P7-362221	M8805/110-5125	P7-512125
M8805/110-3613	P7-351223	M8805/110-3717	P7-361127	M8805/110-3822	P7-362222	M8805/110-5126	P7-512126
M8805/110-3614	P7-351224	M8805/110-3718	P7-361128	M8805/110-3823	P7-362223	M8805/110-5127	P7-512127
M8805/110-3615	P7-351225	M8805/110-3719	P7-361129	M8805/110-3824	P7-362224	M8805/110-5128	P7-512128
M8805/110-3616	P7-351226	M8805/110-3721	P7-362121	M8805/110-3825	P7-362225	M8805/110-5129	P7-512129
M8805/110-3617	P7-351227	M8805/110-3722	P7-362122	M8805/110-3826	P7-362226	M8805/110-5131	P7-513121
M8805/110-3618	P7-351228	M8805/110-3723	P7-362123	M8805/110-3827	P7-362227	M8805/110-5132	P7-513122
M8805/110-3619	P7-351229	M8805/110-3724	P7-362124	M8805/110-3828	P7-362228	M8805/110-5133	P7-513123
M8805/110-3621	P7-352221	M8805/110-3725	P7-362125	M8805/110-3829	P7-362229	M8805/110-5134	P7-513124
M8805/110-3622	P7-352222	M8805/110-3726	P7-362126	M8805/110-3831	P7-363221	M8805/110-5135	P7-513125
M8805/110-3623	P7-352223	M8805/110-3727	P7-362127	M8805/110-3832	P7-363222	M8805/110-5136	P7-513126
M8805/110-3624	P7-352224	M8805/110-3728	P7-362128	M8805/110-3833	P7-363223	M8805/110-5137	P7-513127
M8805/110-3625	P7-352225	M8805/110-3729	P7-362129	M8805/110-3834	P7-363224	M8805/110-5138	P7-513128
M8805/110-3626	P7-352226	M8805/110-3731	P7-363121	M8805/110-3835	P7-363225	M8805/110-5139	P7-513129
M8805/110-3627	P7-352227	M8805/110-3732	P7-363122	M8805/110-3836	P7-363226	M8805/110-5141	P7-514121
M8805/110-3628	P7-352228	M8805/110-3733	P7-363123	M8805/110-3837	P7-363227	M8805/110-5142	P7-514122
M8805/110-3629	P7-352229	M8805/110-3734	P7-363124	M8805/110-3838	P7-363228	M8805/110-5143	P7-514123
M8805/110-3631	P7-353221	M8805/110-3735	P7-363125	M8805/110-3839	P7-363229	M8805/110-5144	P7-514124
M8805/110-3632	P7-353222	M8805/110-3736	P7-363126	M8805/110-3841	P7-364221	M8805/110-5145	P7-514125
M8805/110-3633	P7-353223	M8805/110-3737	P7-363127	M8805/110-3842	P7-364222	M8805/110-5146	P7-514126
M8805/110-3634	P7-353224	M8805/110-3738	P7-363128	M8805/110-3843	P7-364223	M8805/110-5147	P7-514127

CROSS REFERENCE: MILITARY TO OTTO

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M8805/110-5148	P7-514128	M8805/110-5263	P7-536123	M8805/110-5367	P7-556127	M8805/110-5512	P7-531222
M8805/110-5149	P7-514129	M8805/110-5264	P7-536124	M8805/110-5368	P7-556128	M8805/110-5513	P7-531223
M8805/110-5151	P7-515121	M8805/110-5265	P7-536125	M8805/110-5369	P7-556129	M8805/110-5514	P7-531224
M8805/110-5152	P7-515122	M8805/110-5266	P7-536126	M8805/110-5411	P7-511221	M8805/110-5515	P7-531225
M8805/110-5153	P7-515123	M8805/110-5267	P7-536127	M8805/110-5412	P7-511222	M8805/110-5516	P7-531226
M8805/110-5154	P7-515124	M8805/110-5268	P7-536128	M8805/110-5413	P7-511223	M8805/110-5517	P7-531227
M8805/110-5155	P7-515125	M8805/110-5269	P7-536129	M8805/110-5414	P7-511224	M8805/110-5518	P7-531228
M8805/110-5156	P7-515126	M8805/110-5311	P7-551121	M8805/110-5415	P7-511225	M8805/110-5519	P7-531229
M8805/110-5157	P7-515127	M8805/110-5312	P7-551122	M8805/110-5416	P7-511226	M8805/110-5521	P7-532221
M8805/110-5158	P7-515128	M8805/110-5313	P7-551123	M8805/110-5417	P7-511227	M8805/110-5522	P7-532222
M8805/110-5159	P7-515129	M8805/110-5314	P7-551124	M8805/110-5418	P7-511228	M8805/110-5523	P7-532223
M8805/110-5161	P7-516121	M8805/110-5315	P7-551125	M8805/110-5419	P7-511229	M8805/110-5524	P7-532224
M8805/110-5162	P7-516122	M8805/110-5316	P7-551126	M8805/110-5421	P7-512221	M8805/110-5525	P7-532225
M8805/110-5163	P7-516123	M8805/110-5317	P7-551127	M8805/110-5422	P7-512222	M8805/110-5526	P7-532226
M8805/110-5164	P7-516124	M8805/110-5318	P7-551128	M8805/110-5423	P7-512223	M8805/110-5527	P7-532227
M8805/110-5165	P7-516125	M8805/110-5319	P7-551129	M8805/110-5424	P7-512224	M8805/110-5528	P7-532228
M8805/110-5166	P7-516126	M8805/110-5321	P7-552121	M8805/110-5425	P7-512225	M8805/110-5529	P7-532229
M8805/110-5167	P7-516127	M8805/110-5322	P7-552122	M8805/110-5426	P7-512226	M8805/110-5531	P7-533221
M8805/110-5168	P7-516128	M8805/110-5323	P7-552123	M8805/110-5427	P7-512227	M8805/110-5532	P7-533222
M8805/110-5169	P7-516129	M8805/110-5324	P7-552124	M8805/110-5428	P7-512228	M8805/110-5533	P7-533223
M8805/110-5211	P7-531121	M8805/110-5325	P7-552125	M8805/110-5429	P7-512229	M8805/110-5534	P7-533224
M8805/110-5212	P7-531122	M8805/110-5326	P7-552126	M8805/110-5431	P7-513221	M8805/110-5535	P7-533225
M8805/110-5213	P7-531123	M8805/110-5327	P7-552127	M8805/110-5432	P7-513222	M8805/110-5536	P7-533226
M8805/110-5214	P7-531124	M8805/110-5328	P7-552128	M8805/110-5433	P7-513223	M8805/110-5537	P7-533227
M8805/110-5215	P7-531125	M8805/110-5329	P7-552129	M8805/110-5434	P7-513224	M8805/110-5538	P7-533228
M8805/110-5216	P7-531126	M8805/110-5331	P7-553121	M8805/110-5435	P7-513225	M8805/110-5539	P7-533229
M8805/110-5217	P7-531127	M8805/110-5332	P7-553122	M8805/110-5436	P7-513226	M8805/110-5541	P7-534221
M8805/110-5218	P7-531128	M8805/110-5333	P7-553123	M8805/110-5437	P7-513227	M8805/110-5542	P7-534222
M8805/110-5219	P7-531129	M8805/110-5334	P7-553124	M8805/110-5438	P7-513228	M8805/110-5543	P7-534223
M8805/110-5221	P7-532121	M8805/110-5335	P7-553125	M8805/110-5439	P7-513229	M8805/110-5544	P7-534224
M8805/110-5222	P7-532122	M8805/110-5336	P7-553126	M8805/110-5441	P7-514221	M8805/110-5545	P7-534225
M8805/110-5223	P7-532123	M8805/110-5337	P7-553127	M8805/110-5442	P7-514222	M8805/110-5546	P7-534226
M8805/110-5224	P7-532124	M8805/110-5338	P7-553128	M8805/110-5443	P7-514223	M8805/110-5547	P7-534227
M8805/110-5225	P7-532125	M8805/110-5339	P7-553129	M8805/110-5444	P7-514224	M8805/110-5548	P7-534228
M8805/110-5226	P7-532126	M8805/110-5341	P7-554121	M8805/110-5445	P7-514225	M8805/110-5549	P7-534229
M8805/110-5227	P7-532127	M8805/110-5342	P7-554122	M8805/110-5446	P7-514226	M8805/110-5551	P7-535221
M8805/110-5228	P7-532128	M8805/110-5343	P7-554123	M8805/110-5447	P7-514227	M8805/110-5552	P7-535222
M8805/110-5229	P7-532129	M8805/110-5344	P7-554124	M8805/110-5448	P7-514228	M8805/110-5553	P7-535223
M8805/110-5241	P7-534121	M8805/110-5345	P7-554125	M8805/110-5449	P7-514229	M8805/110-5554	P7-535224
M8805/110-5242	P7-534122	M8805/110-5346	P7-554126	M8805/110-5451	P7-515221	M8805/110-5555	P7-535225
M8805/110-5243	P7-534123	M8805/110-5347	P7-554127	M8805/110-5452	P7-515222	M8805/110-5556	P7-535226
M8805/110-5244	P7-534124	M8805/110-5348	P7-554128	M8805/110-5453	P7-515223	M8805/110-5557	P7-535227
M8805/110-5245	P7-534125	M8805/110-5349	P7-554129	M8805/110-5454	P7-515224	M8805/110-5558	P7-535228
M8805/110-5246	P7-534126	M8805/110-5351	P7-555121	M8805/110-5455	P7-515225	M8805/110-5559	P7-535229
M8805/110-5247	P7-534127	M8805/110-5352	P7-555122	M8805/110-5456	P7-515226	M8805/110-5561	P7-536221
M8805/110-5248	P7-534128	M8805/110-5353	P7-555123	M8805/110-5457	P7-515227	M8805/110-5562	P7-536222
M8805/110-5249	P7-534129	M8805/110-5354	P7-555124	M8805/110-5458	P7-515228	M8805/110-5563	P7-536223
M8805/110-5251	P7-535121	M8805/110-5355	P7-555125	M8805/110-5459	P7-515229	M8805/110-5564	P7-536224
M8805/110-5252	P7-535122	M8805/110-5356	P7-555126	M8805/110-5461	P7-516221	M8805/110-5565	P7-536225
M8805/110-5253	P7-535123	M8805/110-5357	P7-555127	M8805/110-5462	P7-516222	M8805/110-5566	P7-536226
M8805/110-5254	P7-535124	M8805/110-5358	P7-555128	M8805/110-5463	P7-516223	M8805/110-5567	P7-536227
M8805/110-5255	P7-535125	M8805/110-5359	P7-555129	M8805/110-5464	P7-516224	M8805/110-5568	P7-536228
M8805/110-5256	P7-535126	M8805/110-5361	P7-556121	M8805/110-5465	P7-516225	M8805/110-5569	P7-536229
M8805/110-5257	P7-535127	M8805/110-5362	P7-556122	M8805/110-5466	P7-516226	M8805/110-5611	P7-551221
M8805/110-5258	P7-535128	M8805/110-5363	P7-556123	M8805/110-5467	P7-516227	M8805/110-5612	P7-551222
M8805/110-5259	P7-535129	M8805/110-5364	P7-556124	M8805/110-5468	P7-516228	M8805/110-5613	P7-551223
M8805/110-5261	P7-536121	M8805/110-5365	P7-556125	M8805/110-5469	P7-516229	M8805/110-5614	P7-551224
M8805/110-5262	P7-536122	M8805/110-5366	P7-556126	M8805/110-5511	P7-531221	M8805/110-5615	P7-551225

CROSS REFERENCE: MILITARY TO OTTO

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M8805/110-5616	P7-551226	M8805/110-5721	P7-562121	M8805/110-5825	P7-562225	M8805/110-6129	P7-612129
M8805/110-5617	P7-551227	M8805/110-5722	P7-562122	M8805/110-5826	P7-562226	M8805/110-6131	P7-613121
M8805/110-5618	P7-551228	M8805/110-5723	P7-562123	M8805/110-5827	P7-562227	M8805/110-6132	P7-613122
M8805/110-5619	P7-551229	M8805/110-5724	P7-562124	M8805/110-5828	P7-562228	M8805/110-6133	P7-613123
M8805/110-5621	P7-552221	M8805/110-5725	P7-562125	M8805/110-5829	P7-562229	M8805/110-6134	P7-613124
M8805/110-5622	P7-552222	M8805/110-5726	P7-562126	M8805/110-5831	P7-563221	M8805/110-6135	P7-613125
M8805/110-5623	P7-552223	M8805/110-5727	P7-562127	M8805/110-5832	P7-563222	M8805/110-6136	P7-613126
M8805/110-5624	P7-552224	M8805/110-5728	P7-562128	M8805/110-5833	P7-563223	M8805/110-6137	P7-613127
M8805/110-5625	P7-552225	M8805/110-5729	P7-562129	M8805/110-5834	P7-563224	M8805/110-6138	P7-613128
M8805/110-5626	P7-552226	M8805/110-5731	P7-563121	M8805/110-5835	P7-563225	M8805/110-6139	P7-613129
M8805/110-5627	P7-552227	M8805/110-5732	P7-563122	M8805/110-5836	P7-563226	M8805/110-6141	P7-614121
M8805/110-5628	P7-552228	M8805/110-5733	P7-563123	M8805/110-5837	P7-563227	M8805/110-6142	P7-614122
M8805/110-5629	P7-552229	M8805/110-5734	P7-563124	M8805/110-5838	P7-563228	M8805/110-6143	P7-614123
M8805/110-5631	P7-553221	M8805/110-5735	P7-563125	M8805/110-5839	P7-563229	M8805/110-6144	P7-614124
M8805/110-5632	P7-553222	M8805/110-5736	P7-563126	M8805/110-5841	P7-564221	M8805/110-6145	P7-614125
M8805/110-5633	P7-553223	M8805/110-5737	P7-563127	M8805/110-5842	P7-564222	M8805/110-6146	P7-614126
M8805/110-5634	P7-553224	M8805/110-5738	P7-563128	M8805/110-5843	P7-564223	M8805/110-6147	P7-614127
M8805/110-5635	P7-553225	M8805/110-5739	P7-563129	M8805/110-5844	P7-564224	M8805/110-6148	P7-614128
M8805/110-5636	P7-553226	M8805/110-5741	P7-564121	M8805/110-5845	P7-564225	M8805/110-6149	P7-614129
M8805/110-5637	P7-553227	M8805/110-5742	P7-564122	M8805/110-5846	P7-564226	M8805/110-6151	P7-615121
M8805/110-5638	P7-553228	M8805/110-5743	P7-564123	M8805/110-5847	P7-564227	M8805/110-6152	P7-615122
M8805/110-5639	P7-553229	M8805/110-5744	P7-564124	M8805/110-5848	P7-564228	M8805/110-6153	P7-615123
M8805/110-5641	P7-554221	M8805/110-5745	P7-564125	M8805/110-5849	P7-564229	M8805/110-6154	P7-615124
M8805/110-5642	P7-554222	M8805/110-5746	P7-564126	M8805/110-5851	P7-565221	M8805/110-6155	P7-615125
M8805/110-5643	P7-554223	M8805/110-5747	P7-564127	M8805/110-5852	P7-565222	M8805/110-6156	P7-615126
M8805/110-5644	P7-554224	M8805/110-5748	P7-564128	M8805/110-5853	P7-565223	M8805/110-6157	P7-615127
M8805/110-5645	P7-554225	M8805/110-5749	P7-564129	M8805/110-5854	P7-565224	M8805/110-6158	P7-615128
M8805/110-5646	P7-554226	M8805/110-5751	P7-565121	M8805/110-5855	P7-565225	M8805/110-6159	P7-615129
M8805/110-5647	P7-554227	M8805/110-5752	P7-565122	M8805/110-5856	P7-565226	M8805/110-6161	P7-616121
M8805/110-5648	P7-554228	M8805/110-5753	P7-565123	M8805/110-5857	P7-565227	M8805/110-6162	P7-616122
M8805/110-5649	P7-554229	M8805/110-5754	P7-565124	M8805/110-5858	P7-565228	M8805/110-6163	P7-616123
M8805/110-5651	P7-555221	M8805/110-5755	P7-565125	M8805/110-5859	P7-565229	M8805/110-6164	P7-616124
M8805/110-5652	P7-555222	M8805/110-5756	P7-565126	M8805/110-5861	P7-566221	M8805/110-6165	P7-616125
M8805/110-5653	P7-555223	M8805/110-5757	P7-565127	M8805/110-5862	P7-566222	M8805/110-6166	P7-616126
M8805/110-5654	P7-555224	M8805/110-5758	P7-565128	M8805/110-5863	P7-566223	M8805/110-6167	P7-616127
M8805/110-5655	P7-555225	M8805/110-5759	P7-565129	M8805/110-5864	P7-566224	M8805/110-6168	P7-616128
M8805/110-5656	P7-555226	M8805/110-5761	P7-566121	M8805/110-5865	P7-566225	M8805/110-6169	P7-616129
M8805/110-5657	P7-555227	M8805/110-5762	P7-566122	M8805/110-5866	P7-566226	M8805/110-6211	P7-631121
M8805/110-5658	P7-555228	M8805/110-5763	P7-566123	M8805/110-5867	P7-566227	M8805/110-6212	P7-631122
M8805/110-5659	P7-555229	M8805/110-5764	P7-566124	M8805/110-5868	P7-566228	M8805/110-6213	P7-631123
M8805/110-5661	P7-556221	M8805/110-5765	P7-566125	M8805/110-5869	P7-566229	M8805/110-6214	P7-631124
M8805/110-5662	P7-556222	M8805/110-5766	P7-566126	M8805/110-6111	P7-611121	M8805/110-6215	P7-631125
M8805/110-5663	P7-556223	M8805/110-5767	P7-566127	M8805/110-6112	P7-611122	M8805/110-6216	P7-631126
M8805/110-5664	P7-556224	M8805/110-5768	P7-566128	M8805/110-6113	P7-611123	M8805/110-6217	P7-631127
M8805/110-5665	P7-556225	M8805/110-5769	P7-566129	M8805/110-6114	P7-611124	M8805/110-6218	P7-631128
M8805/110-5666	P7-556226	M8805/110-5811	P7-561221	M8805/110-6115	P7-611125	M8805/110-6219	P7-631129
M8805/110-5667	P7-556227	M8805/110-5812	P7-561222	M8805/110-6116	P7-611126	M8805/110-6221	P7-632121
M8805/110-5668	P7-556228	M8805/110-5813	P7-561223	M8805/110-6117	P7-611127	M8805/110-6222	P7-632122
M8805/110-5669	P7-556229	M8805/110-5814	P7-561224	M8805/110-6118	P7-611128	M8805/110-6223	P7-632123
M8805/110-5711	P7-561121	M8805/110-5815	P7-561225	M8805/110-6119	P7-611129	M8805/110-6224	P7-632124
M8805/110-5712	P7-561122	M8805/110-5816	P7-561226	M8805/110-6121	P7-612121	M8805/110-6225	P7-632125
M8805/110-5713	P7-561123	M8805/110-5817	P7-561227	M8805/110-6122	P7-612122	M8805/110-6226	P7-632126
M8805/110-5714	P7-561124	M8805/110-5818	P7-561228	M8805/110-6123	P7-612123	M8805/110-6227	P7-632127
M8805/110-5715	P7-561125	M8805/110-5819	P7-561229	M8805/110-6124	P7-612124	M8805/110-6228	P7-632128
M8805/110-5716	P7-561126	M8805/110-5821	P7-562221	M8805/110-6125	P7-612125	M8805/110-6229	P7-632129
M8805/110-5717	P7-561127	M8805/110-5822	P7-562222	M8805/110-6126	P7-612126	M8805/110-6241	P7-634121
M8805/110-5718	P7-561128	M8805/110-5823	P7-562223	M8805/110-6127	P7-612127	M8805/110-6242	P7-634122
M8805/110-5719	P7-561129	M8805/110-5824	P7-562224	M8805/110-6128	P7-612128	M8805/110-6243	P7-634123

CROSS REFERENCE: MILITARY TO OTTO

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M8805/110-6244	P7-634124	M8805/110-6348	P7-654128	M8805/110-6453	P7-615223	M8805/110-6557	P7-635227
M8805/110-6245	P7-634125	M8805/110-6349	P7-654129	M8805/110-6454	P7-615224	M8805/110-6558	P7-635228
M8805/110-6246	P7-634126	M8805/110-6351	P7-655121	M8805/110-6455	P7-615225	M8805/110-6559	P7-635229
M8805/110-6247	P7-634127	M8805/110-6352	P7-655122	M8805/110-6456	P7-615226	M8805/110-6561	P7-636221
M8805/110-6248	P7-634128	M8805/110-6353	P7-655123	M8805/110-6457	P7-615227	M8805/110-6562	P7-636222
M8805/110-6249	P7-634129	M8805/110-6354	P7-655124	M8805/110-6458	P7-615228	M8805/110-6563	P7-636223
M8805/110-6251	P7-635121	M8805/110-6355	P7-655125	M8805/110-6459	P7-615229	M8805/110-6564	P7-636224
M8805/110-6252	P7-635122	M8805/110-6356	P7-655126	M8805/110-6461	P7-616221	M8805/110-6565	P7-636225
M8805/110-6253	P7-635123	M8805/110-6357	P7-655127	M8805/110-6462	P7-616222	M8805/110-6566	P7-636226
M8805/110-6254	P7-635124	M8805/110-6358	P7-655128	M8805/110-6463	P7-616223	M8805/110-6567	P7-636227
M8805/110-6255	P7-635125	M8805/110-6359	P7-655129	M8805/110-6464	P7-616224	M8805/110-6568	P7-636228
M8805/110-6256	P7-635126	M8805/110-6361	P7-656121	M8805/110-6465	P7-616225	M8805/110-6569	P7-636229
M8805/110-6257	P7-635127	M8805/110-6362	P7-656122	M8805/110-6466	P7-616226	M8805/110-6611	P7-651221
M8805/110-6258	P7-635128	M8805/110-6363	P7-656123	M8805/110-6467	P7-616227	M8805/110-6612	P7-651222
M8805/110-6259	P7-635129	M8805/110-6364	P7-656124	M8805/110-6468	P7-616228	M8805/110-6613	P7-651223
M8805/110-6261	P7-636121	M8805/110-6365	P7-656125	M8805/110-6469	P7-616229	M8805/110-6614	P7-651224
M8805/110-6262	P7-636122	M8805/110-6366	P7-656126	M8805/110-6511	P7-631221	M8805/110-6615	P7-651225
M8805/110-6263	P7-636123	M8805/110-6367	P7-656127	M8805/110-6512	P7-631222	M8805/110-6616	P7-651226
M8805/110-6264	P7-636124	M8805/110-6368	P7-656128	M8805/110-6513	P7-631223	M8805/110-6617	P7-651227
M8805/110-6265	P7-636125	M8805/110-6369	P7-656129	M8805/110-6514	P7-631224	M8805/110-6618	P7-651228
M8805/110-6266	P7-636126	M8805/110-6411	P7-611221	M8805/110-6515	P7-631225	M8805/110-6619	P7-651229
M8805/110-6267	P7-636127	M8805/110-6412	P7-611222	M8805/110-6516	P7-631226	M8805/110-6621	P7-652221
M8805/110-6268	P7-636128	M8805/110-6413	P7-611223	M8805/110-6517	P7-631227	M8805/110-6622	P7-652222
M8805/110-6269	P7-636129	M8805/110-6414	P7-611224	M8805/110-6518	P7-631228	M8805/110-6623	P7-652223
M8805/110-6311	P7-651121	M8805/110-6415	P7-611225	M8805/110-6519	P7-631229	M8805/110-6624	P7-652224
M8805/110-6312	P7-651122	M8805/110-6416	P7-611226	M8805/110-6521	P7-632221	M8805/110-6625	P7-652225
M8805/110-6313	P7-651123	M8805/110-6417	P7-611227	M8805/110-6522	P7-632222	M8805/110-6626	P7-652226
M8805/110-6314	P7-651124	M8805/110-6418	P7-611228	M8805/110-6523	P7-632223	M8805/110-6627	P7-652227
M8805/110-6315	P7-651125	M8805/110-6419	P7-611229	M8805/110-6524	P7-632224	M8805/110-6628	P7-652228
M8805/110-6316	P7-651126	M8805/110-6421	P7-612221	M8805/110-6525	P7-632225	M8805/110-6629	P7-652229
M8805/110-6317	P7-651127	M8805/110-6422	P7-612222	M8805/110-6526	P7-632226	M8805/110-6631	P7-653221
M8805/110-6318	P7-651128	M8805/110-6423	P7-612223	M8805/110-6527	P7-632227	M8805/110-6632	P7-653222
M8805/110-6319	P7-651129	M8805/110-6424	P7-612224	M8805/110-6528	P7-632228	M8805/110-6633	P7-653223
M8805/110-6321	P7-652121	M8805/110-6425	P7-612225	M8805/110-6529	P7-632229	M8805/110-6634	P7-653224
M8805/110-6322	P7-652122	M8805/110-6426	P7-612226	M8805/110-6531	P7-633221	M8805/110-6635	P7-653225
M8805/110-6323	P7-652123	M8805/110-6427	P7-612227	M8805/110-6532	P7-633222	M8805/110-6636	P7-653226
M8805/110-6324	P7-652124	M8805/110-6428	P7-612228	M8805/110-6533	P7-633223	M8805/110-6637	P7-653227
M8805/110-6325	P7-652125	M8805/110-6429	P7-612229	M8805/110-6534	P7-633224	M8805/110-6638	P7-653228
M8805/110-6326	P7-652126	M8805/110-6431	P7-613221	M8805/110-6535	P7-633225	M8805/110-6639	P7-653229
M8805/110-6327	P7-652127	M8805/110-6432	P7-613222	M8805/110-6536	P7-633226	M8805/110-6641	P7-654221
M8805/110-6328	P7-652128	M8805/110-6433	P7-613223	M8805/110-6537	P7-633227	M8805/110-6642	P7-654222
M8805/110-6329	P7-652129	M8805/110-6434	P7-613224	M8805/110-6538	P7-633228	M8805/110-6643	P7-654223
M8805/110-6331	P7-653121	M8805/110-6435	P7-613225	M8805/110-6539	P7-633229	M8805/110-6644	P7-654224
M8805/110-6332	P7-653122	M8805/110-6436	P7-613226	M8805/110-6541	P7-634221	M8805/110-6645	P7-654225
M8805/110-6333	P7-653123	M8805/110-6437	P7-613227	M8805/110-6542	P7-634222	M8805/110-6646	P7-654226
M8805/110-6334	P7-653124	M8805/110-6438	P7-613228	M8805/110-6543	P7-634223	M8805/110-6647	P7-654227
M8805/110-6335	P7-653125	M8805/110-6439	P7-613229	M8805/110-6544	P7-634224	M8805/110-6648	P7-654228
M8805/110-6336	P7-653126	M8805/110-6441	P7-614221	M8805/110-6545	P7-634225	M8805/110-6649	P7-654229
M8805/110-6337	P7-653127	M8805/110-6442	P7-614222	M8805/110-6546	P7-634226	M8805/110-6651	P7-655221
M8805/110-6338	P7-653128	M8805/110-6443	P7-614223	M8805/110-6547	P7-634227	M8805/110-6652	P7-655222
M8805/110-6339	P7-653129	M8805/110-6444	P7-614224	M8805/110-6548	P7-634228	M8805/110-6653	P7-655223
M8805/110-6341	P7-654121	M8805/110-6445	P7-614225	M8805/110-6549	P7-634229	M8805/110-6654	P7-655224
M8805/110-6342	P7-654122	M8805/110-6446	P7-614226	M8805/110-6551	P7-635221	M8805/110-6655	P7-655225
M8805/110-6343	P7-654123	M8805/110-6447	P7-614227	M8805/110-6552	P7-635222	M8805/110-6656	P7-655226
M8805/110-6344	P7-654124	M8805/110-6448	P7-614228	M8805/110-6553	P7-635223	M8805/110-6657	P7-655227
M8805/110-6345	P7-654125	M8805/110-6449	P7-614229	M8805/110-6554	P7-635224	M8805/110-6658	P7-655228
M8805/110-6346	P7-654126	M8805/110-6451	P7-615221	M8805/110-6555	P7-635225	M8805/110-6659	P7-655229
M8805/110-6347	P7-654127	M8805/110-6452	P7-615222	M8805/110-6556	P7-635226	M8805/110-6661	P7-656221

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/110-6662	P7-656222	M8805/110-6766	P7-666126	M8805/110-7111	P7-711121	M8805/110-7215	P7-731125
M8805/110-6663	P7-656223	M8805/110-6767	P7-666127	M8805/110-7112	P7-711122	M8805/110-7216	P7-731126
M8805/110-6664	P7-656224	M8805/110-6768	P7-666128	M8805/110-7113	P7-711123	M8805/110-7217	P7-731127
M8805/110-6665	P7-656225	M8805/110-6769	P7-666129	M8805/110-7114	P7-711124	M8805/110-7218	P7-731128
M8805/110-6666	P7-656226	M8805/110-6811	P7-661221	M8805/110-7115	P7-711125	M8805/110-7219	P7-731129
M8805/110-6667	P7-656227	M8805/110-6812	P7-661222	M8805/110-7116	P7-711126	M8805/110-7221	P7-732121
M8805/110-6668	P7-656228	M8805/110-6813	P7-661223	M8805/110-7117	P7-711127	M8805/110-7222	P7-732122
M8805/110-6669	P7-656229	M8805/110-6814	P7-661224	M8805/110-7118	P7-711128	M8805/110-7223	P7-732123
M8805/110-6711	P7-661121	M8805/110-6815	P7-661225	M8805/110-7119	P7-711129	M8805/110-7224	P7-732124
M8805/110-6712	P7-661122	M8805/110-6816	P7-661226	M8805/110-7121	P7-712121	M8805/110-7225	P7-732125
M8805/110-6713	P7-661123	M8805/110-6817	P7-661227	M8805/110-7122	P7-712122	M8805/110-7226	P7-732126
M8805/110-6714	P7-661124	M8805/110-6818	P7-661228	M8805/110-7123	P7-712123	M8805/110-7227	P7-732127
M8805/110-6715	P7-661125	M8805/110-6819	P7-661229	M8805/110-7124	P7-712124	M8805/110-7228	P7-732128
M8805/110-6716	P7-661126	M8805/110-6821	P7-662221	M8805/110-7125	P7-712125	M8805/110-7229	P7-732129
M8805/110-6717	P7-661127	M8805/110-6822	P7-662222	M8805/110-7126	P7-712126	M8805/110-7241	P7-734121
M8805/110-6718	P7-661128	M8805/110-6823	P7-662223	M8805/110-7127	P7-712127	M8805/110-7242	P7-734122
M8805/110-6719	P7-661129	M8805/110-6824	P7-662224	M8805/110-7128	P7-712128	M8805/110-7243	P7-734123
M8805/110-6721	P7-662121	M8805/110-6825	P7-662225	M8805/110-7129	P7-712129	M8805/110-7244	P7-734124
M8805/110-6722	P7-662122	M8805/110-6826	P7-662226	M8805/110-7131	P7-713121	M8805/110-7245	P7-734125
M8805/110-6723	P7-662123	M8805/110-6827	P7-662227	M8805/110-7132	P7-713122	M8805/110-7246	P7-734126
M8805/110-6724	P7-662124	M8805/110-6828	P7-662228	M8805/110-7133	P7-713123	M8805/110-7247	P7-734127
M8805/110-6725	P7-662125	M8805/110-6829	P7-662229	M8805/110-7134	P7-713124	M8805/110-7248	P7-734128
M8805/110-6726	P7-662126	M8805/110-6831	P7-663221	M8805/110-7135	P7-713125	M8805/110-7249	P7-734129
M8805/110-6727	P7-662127	M8805/110-6832	P7-663222	M8805/110-7136	P7-713126	M8805/110-7251	P7-735121
M8805/110-6728	P7-662128	M8805/110-6833	P7-663223	M8805/110-7137	P7-713127	M8805/110-7252	P7-735122
M8805/110-6729	P7-662129	M8805/110-6834	P7-663224	M8805/110-7138	P7-713128	M8805/110-7253	P7-735123
M8805/110-6731	P7-663121	M8805/110-6835	P7-663225	M8805/110-7139	P7-713129	M8805/110-7254	P7-735124
M8805/110-6732	P7-663122	M8805/110-6836	P7-663226	M8805/110-7141	P7-714121	M8805/110-7255	P7-735125
M8805/110-6733	P7-663123	M8805/110-6837	P7-663227	M8805/110-7142	P7-714122	M8805/110-7256	P7-735126
M8805/110-6734	P7-663124	M8805/110-6838	P7-663228	M8805/110-7143	P7-714123	M8805/110-7257	P7-735127
M8805/110-6735	P7-663125	M8805/110-6839	P7-663229	M8805/110-7144	P7-714124	M8805/110-7258	P7-735128
M8805/110-6736	P7-663126	M8805/110-6841	P7-664221	M8805/110-7145	P7-714125	M8805/110-7259	P7-735129
M8805/110-6737	P7-663127	M8805/110-6842	P7-664222	M8805/110-7146	P7-714126	M8805/110-7261	P7-736121
M8805/110-6738	P7-663128	M8805/110-6843	P7-664223	M8805/110-7147	P7-714127	M8805/110-7262	P7-736122
M8805/110-6739	P7-663129	M8805/110-6844	P7-664224	M8805/110-7148	P7-714128	M8805/110-7263	P7-736123
M8805/110-6741	P7-664121	M8805/110-6845	P7-664225	M8805/110-7149	P7-714129	M8805/110-7264	P7-736124
M8805/110-6742	P7-664122	M8805/110-6846	P7-664226	M8805/110-7151	P7-715121	M8805/110-7265	P7-736125
M8805/110-6743	P7-664123	M8805/110-6847	P7-664227	M8805/110-7152	P7-715122	M8805/110-7266	P7-736126
M8805/110-6744	P7-664124	M8805/110-6848	P7-664228	M8805/110-7153	P7-715123	M8805/110-7267	P7-736127
M8805/110-6745	P7-664125	M8805/110-6849	P7-664229	M8805/110-7154	P7-715124	M8805/110-7268	P7-736128
M8805/110-6746	P7-664126	M8805/110-6851	P7-665221	M8805/110-7155	P7-715125	M8805/110-7269	P7-736129
M8805/110-6747	P7-664127	M8805/110-6852	P7-665222	M8805/110-7156	P7-715126	M8805/110-7311	P7-751121
M8805/110-6748	P7-664128	M8805/110-6853	P7-665223	M8805/110-7157	P7-715127	M8805/110-7312	P7-751122
M8805/110-6749	P7-664129	M8805/110-6854	P7-665224	M8805/110-7158	P7-715128	M8805/110-7313	P7-751123
M8805/110-6751	P7-665121	M8805/110-6855	P7-665225	M8805/110-7159	P7-715129	M8805/110-7314	P7-751124
M8805/110-6752	P7-665122	M8805/110-6856	P7-665226	M8805/110-7161	P7-716121	M8805/110-7315	P7-751125
M8805/110-6753	P7-665123	M8805/110-6857	P7-665227	M8805/110-7162	P7-716122	M8805/110-7316	P7-751126
M8805/110-6754	P7-665124	M8805/110-6858	P7-665228	M8805/110-7163	P7-716123	M8805/110-7317	P7-751127
M8805/110-6755	P7-665125	M8805/110-6859	P7-665229	M8805/110-7164	P7-716124	M8805/110-7318	P7-751128
M8805/110-6756	P7-665126	M8805/110-6861	P7-666221	M8805/110-7165	P7-716125	M8805/110-7319	P7-751129
M8805/110-6757	P7-665127	M8805/110-6862	P7-666222	M8805/110-7166	P7-716126	M8805/110-7321	P7-752121
M8805/110-6758	P7-665128	M8805/110-6863	P7-666223	M8805/110-7167	P7-716127	M8805/110-7322	P7-752122
M8805/110-6759	P7-665129	M8805/110-6864	P7-666224	M8805/110-7168	P7-716128	M8805/110-7323	P7-752123
M8805/110-6761	P7-666121	M8805/110-6865	P7-666225	M8805/110-7169	P7-716129	M8805/110-7324	P7-752124
M8805/110-6762	P7-666122	M8805/110-6866	P7-666226	M8805/110-7211	P7-731121	M8805/110-7325	P7-752125
M8805/110-6763	P7-666123	M8805/110-6867	P7-666227	M8805/110-7212	P7-731122	M8805/110-7326	P7-752126
M8805/110-6764	P7-666124	M8805/110-6868	P7-666228	M8805/110-7213	P7-731123	M8805/110-7327	P7-752127
M8805/110-6765	P7-666125	M8805/110-6869	P7-666229	M8805/110-7214	P7-731124	M8805/110-7328	P7-752128

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/110-7329	P7-752129	M8805/110-7434	P7-713224	M8805/110-7538	P7-733228	M8805/110-7643	P7-754223
M8805/110-7331	P7-753121	M8805/110-7435	P7-713225	M8805/110-7539	P7-733229	M8805/110-7644	P7-754224
M8805/110-7332	P7-753122	M8805/110-7436	P7-713226	M8805/110-7541	P7-734221	M8805/110-7645	P7-754225
M8805/110-7333	P7-753123	M8805/110-7437	P7-713227	M8805/110-7542	P7-734222	M8805/110-7646	P7-754226
M8805/110-7334	P7-753124	M8805/110-7438	P7-713228	M8805/110-7543	P7-734223	M8805/110-7647	P7-754227
M8805/110-7335	P7-753125	M8805/110-7439	P7-713229	M8805/110-7544	P7-734224	M8805/110-7648	P7-754228
M8805/110-7336	P7-753126	M8805/110-7441	P7-714221	M8805/110-7545	P7-734225	M8805/110-7649	P7-754229
M8805/110-7337	P7-753127	M8805/110-7442	P7-711422	M8805/110-7546	P7-734226	M8805/110-7651	P7-755221
M8805/110-7338	P7-753128	M8805/110-7443	P7-711423	M8805/110-7547	P7-734227	M8805/110-7652	P7-755222
M8805/110-7339	P7-753129	M8805/110-7444	P7-711424	M8805/110-7548	P7-734228	M8805/110-7653	P7-755223
M8805/110-7341	P7-754121	M8805/110-7445	P7-711425	M8805/110-7549	P7-734229	M8805/110-7654	P7-755224
M8805/110-7342	P7-754122	M8805/110-7446	P7-711426	M8805/110-7551	P7-735221	M8805/110-7655	P7-755225
M8805/110-7343	P7-754123	M8805/110-7447	P7-711427	M8805/110-7552	P7-735222	M8805/110-7656	P7-755226
M8805/110-7344	P7-754124	M8805/110-7448	P7-711428	M8805/110-7553	P7-735223	M8805/110-7657	P7-755227
M8805/110-7345	P7-754125	M8805/110-7449	P7-711429	M8805/110-7554	P7-735224	M8805/110-7658	P7-755228
M8805/110-7346	P7-754126	M8805/110-7451	P7-715221	M8805/110-7555	P7-735225	M8805/110-7659	P7-755229
M8805/110-7347	P7-754127	M8805/110-7452	P7-715222	M8805/110-7556	P7-735226	M8805/110-7661	P7-756221
M8805/110-7348	P7-754128	M8805/110-7453	P7-715223	M8805/110-7557	P7-735227	M8805/110-7662	P7-756222
M8805/110-7349	P7-754129	M8805/110-7454	P7-715224	M8805/110-7558	P7-735228	M8805/110-7663	P7-756223
M8805/110-7351	P7-755121	M8805/110-7455	P7-715225	M8805/110-7559	P7-735229	M8805/110-7664	P7-756224
M8805/110-7352	P7-755122	M8805/110-7456	P7-715226	M8805/110-7561	P7-736221	M8805/110-7665	P7-756225
M8805/110-7353	P7-755123	M8805/110-7457	P7-715227	M8805/110-7562	P7-736222	M8805/110-7666	P7-756226
M8805/110-7354	P7-755124	M8805/110-7458	P7-715228	M8805/110-7563	P7-736223	M8805/110-7667	P7-756227
M8805/110-7355	P7-755125	M8805/110-7459	P7-715229	M8805/110-7564	P7-736224	M8805/110-7668	P7-756228
M8805/110-7356	P7-755126	M8805/110-7461	P7-716221	M8805/110-7565	P7-736225	M8805/110-7669	P7-756229
M8805/110-7357	P7-755127	M8805/110-7462	P7-716222	M8805/110-7566	P7-736226	M8805/110-7711	P7-761121
M8805/110-7358	P7-755128	M8805/110-7463	P7-716223	M8805/110-7567	P7-736227	M8805/110-7712	P7-761122
M8805/110-7359	P7-755129	M8805/110-7464	P7-716224	M8805/110-7568	P7-736228	M8805/110-7713	P7-761123
M8805/110-7361	P7-756121	M8805/110-7465	P7-716225	M8805/110-7569	P7-736229	M8805/110-7714	P7-761124
M8805/110-7362	P7-756122	M8805/110-7466	P7-716226	M8805/110-7611	P7-751221	M8805/110-7715	P7-761125
M8805/110-7363	P7-756123	M8805/110-7467	P7-716227	M8805/110-7612	P7-751222	M8805/110-7716	P7-761126
M8805/110-7364	P7-756124	M8805/110-7468	P7-716228	M8805/110-7613	P7-751223	M8805/110-7717	P7-761127
M8805/110-7365	P7-756125	M8805/110-7469	P7-716229	M8805/110-7614	P7-751224	M8805/110-7718	P7-761128
M8805/110-7366	P7-756126	M8805/110-7511	P7-731221	M8805/110-7615	P7-751225	M8805/110-7719	P7-761129
M8805/110-7367	P7-756127	M8805/110-7512	P7-731222	M8805/110-7616	P7-751226	M8805/110-7721	P7-762121
M8805/110-7368	P7-756128	M8805/110-7513	P7-731223	M8805/110-7617	P7-751227	M8805/110-7722	P7-762122
M8805/110-7369	P7-756129	M8805/110-7514	P7-731224	M8805/110-7618	P7-751228	M8805/110-7723	P7-762123
M8805/110-7411	P7-711221	M8805/110-7515	P7-731225	M8805/110-7619	P7-751229	M8805/110-7724	P7-762124
M8805/110-7412	P7-711222	M8805/110-7516	P7-731226	M8805/110-7621	P7-752221	M8805/110-7725	P7-762125
M8805/110-7413	P7-711223	M8805/110-7517	P7-731227	M8805/110-7622	P7-752222	M8805/110-7726	P7-762126
M8805/110-7414	P7-711224	M8805/110-7518	P7-731228	M8805/110-7623	P7-752223	M8805/110-7727	P7-762127
M8805/110-7415	P7-711225	M8805/110-7519	P7-731229	M8805/110-7624	P7-752224	M8805/110-7728	P7-762128
M8805/110-7416	P7-711226	M8805/110-7521	P7-732221	M8805/110-7625	P7-752225	M8805/110-7729	P7-762129
M8805/110-7417	P7-711227	M8805/110-7522	P7-732222	M8805/110-7626	P7-752226	M8805/110-7731	P7-763121
M8805/110-7418	P7-711228	M8805/110-7523	P7-732223	M8805/110-7627	P7-752227	M8805/110-7732	P7-763122
M8805/110-7419	P7-711229	M8805/110-7524	P7-732224	M8805/110-7628	P7-752228	M8805/110-7733	P7-763123
M8805/110-7421	P7-712221	M8805/110-7525	P7-732225	M8805/110-7629	P7-752229	M8805/110-7734	P7-763124
M8805/110-7422	P7-712222	M8805/110-7526	P7-732226	M8805/110-7631	P7-753221	M8805/110-7735	P7-763125
M8805/110-7423	P7-712223	M8805/110-7527	P7-732227	M8805/110-7632	P7-753222	M8805/110-7736	P7-763126
M8805/110-7424	P7-712224	M8805/110-7528	P7-732228	M8805/110-7633	P7-753223	M8805/110-7737	P7-763127
M8805/110-7425	P7-712225	M8805/110-7529	P7-732229	M8805/110-7634	P7-753224	M8805/110-7738	P7-763128
M8805/110-7426	P7-712226	M8805/110-7531	P7-733221	M8805/110-7635	P7-753225	M8805/110-7739	P7-763129
M8805/110-7427	P7-712227	M8805/110-7532	P7-733222	M8805/110-7636	P7-753226	M8805/110-7741	P7-764121
M8805/110-7428	P7-712228	M8805/110-7533	P7-733223	M8805/110-7637	P7-753227	M8805/110-7742	P7-764122
M8805/110-7429	P7-712229	M8805/110-7534	P7-733224	M8805/110-7638	P7-753228	M8805/110-7743	P7-764123
M8805/110-7431	P7-713221	M8805/110-7535	P7-733225	M8805/110-7639	P7-753229	M8805/110-7744	P7-764124
M8805/110-7432	P7-713222	M8805/110-7536	P7-733226	M8805/110-7641	P7-754221	M8805/110-7745	P7-764125
M8805/110-7433	P7-713223	M8805/110-7537	P7-733227	M8805/110-7642	P7-754222	M8805/110-7746	P7-764126

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/110-7747	P7-764127	M8805/110-7852	P7-765222	M8805/110-8156	P7-815126	M8805/110-8311	P7-851121
M8805/110-7748	P7-764128	M8805/110-7853	P7-765223	M8805/110-8157	P7-815127	M8805/110-8312	P7-851122
M8805/110-7749	P7-764129	M8805/110-7854	P7-765224	M8805/110-8158	P7-815128	M8805/110-8313	P7-851123
M8805/110-7751	P7-765121	M8805/110-7855	P7-765225	M8805/110-8159	P7-815129	M8805/110-8314	P7-851124
M8805/110-7752	P7-765122	M8805/110-7856	P7-765226	M8805/110-8161	P7-816121	M8805/110-8315	P7-851125
M8805/110-7753	P7-765123	M8805/110-7857	P7-765227	M8805/110-8162	P7-816122	M8805/110-8316	P7-851126
M8805/110-7754	P7-765124	M8805/110-7858	P7-765228	M8805/110-8163	P7-816123	M8805/110-8317	P7-851127
M8805/110-7755	P7-765125	M8805/110-7859	P7-765229	M8805/110-8164	P7-816124	M8805/110-8318	P7-851128
M8805/110-7756	P7-765126	M8805/110-7861	P7-766221	M8805/110-8165	P7-816125	M8805/110-8319	P7-851129
M8805/110-7757	P7-765127	M8805/110-7862	P7-766222	M8805/110-8166	P7-816126	M8805/110-8321	P7-852121
M8805/110-7758	P7-765128	M8805/110-7863	P7-766223	M8805/110-8167	P7-816127	M8805/110-8322	P7-852122
M8805/110-7759	P7-765129	M8805/110-7864	P7-766224	M8805/110-8168	P7-816128	M8805/110-8323	P7-852123
M8805/110-7761	P7-766121	M8805/110-7865	P7-766225	M8805/110-8169	P7-816129	M8805/110-8324	P7-852124
M8805/110-7762	P7-766122	M8805/110-7866	P7-766226	M8805/110-8211	P7-831121	M8805/110-8325	P7-852125
M8805/110-7763	P7-766123	M8805/110-7867	P7-766227	M8805/110-8212	P7-831122	M8805/110-8326	P7-852126
M8805/110-7764	P7-766124	M8805/110-7868	P7-766228	M8805/110-8213	P7-831123	M8805/110-8327	P7-852127
M8805/110-7765	P7-766125	M8805/110-7869	P7-766229	M8805/110-8214	P7-831124	M8805/110-8328	P7-852128
M8805/110-7766	P7-766126	M8805/110-8111	P7-811121	M8805/110-8215	P7-831125	M8805/110-8329	P7-852129
M8805/110-7767	P7-766127	M8805/110-8112	P7-811122	M8805/110-8216	P7-831126	M8805/110-8331	P7-853121
M8805/110-7768	P7-766128	M8805/110-8113	P7-811123	M8805/110-8217	P7-831127	M8805/110-8332	P7-853122
M8805/110-7769	P7-766129	M8805/110-8114	P7-811124	M8805/110-8218	P7-831128	M8805/110-8333	P7-853123
M8805/110-7811	P7-761221	M8805/110-8115	P7-811125	M8805/110-8219	P7-831129	M8805/110-8334	P7-853124
M8805/110-7812	P7-761222	M8805/110-8116	P7-811126	M8805/110-8221	P7-832121	M8805/110-8335	P7-853125
M8805/110-7813	P7-761223	M8805/110-8117	P7-811127	M8805/110-8222	P7-832122	M8805/110-8336	P7-853126
M8805/110-7814	P7-761224	M8805/110-8118	P7-811128	M8805/110-8223	P7-832123	M8805/110-8337	P7-853127
M8805/110-7815	P7-761225	M8805/110-8119	P7-811129	M8805/110-8224	P7-832124	M8805/110-8338	P7-853128
M8805/110-7816	P7-761226	M8805/110-8121	P7-812121	M8805/110-8225	P7-832125	M8805/110-8339	P7-853129
M8805/110-7817	P7-761227	M8805/110-8122	P7-812122	M8805/110-8226	P7-832126	M8805/110-8341	P7-854121
M8805/110-7818	P7-761228	M8805/110-8123	P7-812123	M8805/110-8227	P7-832127	M8805/110-8342	P7-854122
M8805/110-7819	P7-761229	M8805/110-8124	P7-812124	M8805/110-8228	P7-832128	M8805/110-8343	P7-854123
M8805/110-7821	P7-762221	M8805/110-8125	P7-812125	M8805/110-8229	P7-832129	M8805/110-8344	P7-854124
M8805/110-7822	P7-762222	M8805/110-8126	P7-812126	M8805/110-8241	P7-834121	M8805/110-8345	P7-854125
M8805/110-7823	P7-762223	M8805/110-8127	P7-812127	M8805/110-8242	P7-834122	M8805/110-8346	P7-854126
M8805/110-7824	P7-762224	M8805/110-8128	P7-812128	M8805/110-8243	P7-834123	M8805/110-8347	P7-854127
M8805/110-7825	P7-762225	M8805/110-8129	P7-812129	M8805/110-8244	P7-834124	M8805/110-8348	P7-854128
M8805/110-7826	P7-762226	M8805/110-8131	P7-813121	M8805/110-8245	P7-834125	M8805/110-8349	P7-854129
M8805/110-7827	P7-762227	M8805/110-8132	P7-813122	M8805/110-8246	P7-834126	M8805/110-8351	P7-855121
M8805/110-7828	P7-762228	M8805/110-8133	P7-813123	M8805/110-8247	P7-834127	M8805/110-8352	P7-855122
M8805/110-7829	P7-762229	M8805/110-8134	P7-813124	M8805/110-8248	P7-834128	M8805/110-8353	P7-855123
M8805/110-7831	P7-763221	M8805/110-8135	P7-813125	M8805/110-8249	P7-834129	M8805/110-8354	P7-855124
M8805/110-7832	P7-763222	M8805/110-8136	P7-813126	M8805/110-8251	P7-835121	M8805/110-8355	P7-855125
M8805/110-7833	P7-763223	M8805/110-8137	P7-813127	M8805/110-8252	P7-835122	M8805/110-8356	P7-855126
M8805/110-7834	P7-763224	M8805/110-8138	P7-813128	M8805/110-8253	P7-835123	M8805/110-8357	P7-855127
M8805/110-7835	P7-763225	M8805/110-8139	P7-813129	M8805/110-8254	P7-835124	M8805/110-8358	P7-855128
M8805/110-7836	P7-763226	M8805/110-8141	P7-814121	M8805/110-8255	P7-835125	M8805/110-8359	P7-855129
M8805/110-7837	P7-763227	M8805/110-8142	P7-814122	M8805/110-8256	P7-835126	M8805/110-8361	P7-856121
M8805/110-7838	P7-763228	M8805/110-8143	P7-814123	M8805/110-8257	P7-835127	M8805/110-8362	P7-856122
M8805/110-7839	P7-763229	M8805/110-8144	P7-814124	M8805/110-8258	P7-835128	M8805/110-8363	P7-856123
M8805/110-7841	P7-764221	M8805/110-8145	P7-814125	M8805/110-8259	P7-835129	M8805/110-8364	P7-856124
M8805/110-7842	P7-764222	M8805/110-8146	P7-814126	M8805/110-8261	P7-836121	M8805/110-8365	P7-856125
M8805/110-7843	P7-764223	M8805/110-8147	P7-814127	M8805/110-8262	P7-836122	M8805/110-8366	P7-856126
M8805/110-7844	P7-764224	M8805/110-8148	P7-814128	M8805/110-8263	P7-836123	M8805/110-8367	P7-856127
M8805/110-7845	P7-764225	M8805/110-8149	P7-814129	M8805/110-8264	P7-836124	M8805/110-8368	P7-856128
M8805/110-7846	P7-764226	M8805/110-8151	P7-815121	M8805/110-8265	P7-836125	M8805/110-8369	P7-856129
M8805/110-7847	P7-764227	M8805/110-8152	P7-815122	M8805/110-8266	P7-836126	M8805/110-8411	P7-811221
M8805/110-7848	P7-764228	M8805/110-8153	P7-815123	M8805/110-8267	P7-836127	M8805/110-8412	P7-811222
M8805/110-7849	P7-764229	M8805/110-8154	P7-815124	M8805/110-8268	P7-836128	M8805/110-8413	P7-811223
M8805/110-7851	P7-765221	M8805/110-8155	P7-815125	M8805/110-8269	P7-836129	M8805/110-8414	P7-811224

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/110-8415	P7-811225	M8805/110-8519	P7-831229	M8805/110-8624	P7-852224	M8805/110-8728	P7-862128
M8805/110-8416	P7-811226	M8805/110-8521	P7-832221	M8805/110-8625	P7-852225	M8805/110-8729	P7-862129
M8805/110-8417	P7-811227	M8805/110-8522	P7-832222	M8805/110-8626	P7-852226	M8805/110-8731	P7-863121
M8805/110-8418	P7-811228	M8805/110-8523	P7-832223	M8805/110-8627	P7-852227	M8805/110-8732	P7-863122
M8805/110-8419	P7-811229	M8805/110-8524	P7-832224	M8805/110-8628	P7-852228	M8805/110-8733	P7-863123
M8805/110-8421	P7-812221	M8805/110-8525	P7-832225	M8805/110-8629	P7-852229	M8805/110-8734	P7-863124
M8805/110-8422	P7-812222	M8805/110-8526	P7-832226	M8805/110-8631	P7-853221	M8805/110-8735	P7-863125
M8805/110-8423	P7-812223	M8805/110-8527	P7-832227	M8805/110-8632	P7-853222	M8805/110-8736	P7-863126
M8805/110-8424	P7-812224	M8805/110-8528	P7-832228	M8805/110-8633	P7-853223	M8805/110-8737	P7-863127
M8805/110-8425	P7-812225	M8805/110-8529	P7-832229	M8805/110-8634	P7-853224	M8805/110-8738	P7-863128
M8805/110-8426	P7-812226	M8805/110-8531	P7-833221	M8805/110-8635	P7-853225	M8805/110-8739	P7-863129
M8805/110-8427	P7-812227	M8805/110-8532	P7-833222	M8805/110-8636	P7-853226	M8805/110-8741	P7-864121
M8805/110-8428	P7-812228	M8805/110-8533	P7-833223	M8805/110-8637	P7-853227	M8805/110-8742	P7-864122
M8805/110-8429	P7-812229	M8805/110-8534	P7-833224	M8805/110-8638	P7-853228	M8805/110-8743	P7-864123
M8805/110-8431	P7-813221	M8805/110-8535	P7-833225	M8805/110-8639	P7-853229	M8805/110-8744	P7-864124
M8805/110-8432	P7-813222	M8805/110-8536	P7-833226	M8805/110-8641	P7-854221	M8805/110-8745	P7-864125
M8805/110-8433	P7-813223	M8805/110-8537	P7-833227	M8805/110-8642	P7-854222	M8805/110-8746	P7-864126
M8805/110-8434	P7-813224	M8805/110-8538	P7-833228	M8805/110-8643	P7-854223	M8805/110-8747	P7-864127
M8805/110-8435	P7-813225	M8805/110-8539	P7-833229	M8805/110-8644	P7-854224	M8805/110-8748	P7-864128
M8805/110-8436	P7-813226	M8805/110-8541	P7-834221	M8805/110-8645	P7-854225	M8805/110-8749	P7-864129
M8805/110-8437	P7-813227	M8805/110-8542	P7-834222	M8805/110-8646	P7-854226	M8805/110-8751	P7-865121
M8805/110-8438	P7-813228	M8805/110-8543	P7-834223	M8805/110-8647	P7-854227	M8805/110-8752	P7-865122
M8805/110-8439	P7-813229	M8805/110-8544	P7-834224	M8805/110-8648	P7-854228	M8805/110-8753	P7-865123
M8805/110-8441	P7-814221	M8805/110-8545	P7-834225	M8805/110-8649	P7-854229	M8805/110-8754	P7-865124
M8805/110-8442	P7-814222	M8805/110-8546	P7-834226	M8805/110-8651	P7-855221	M8805/110-8755	P7-865125
M8805/110-8443	P7-814223	M8805/110-8547	P7-834227	M8805/110-8652	P7-855222	M8805/110-8756	P7-865126
M8805/110-8444	P7-814224	M8805/110-8548	P7-834228	M8805/110-8653	P7-855223	M8805/110-8757	P7-865127
M8805/110-8445	P7-814225	M8805/110-8549	P7-834229	M8805/110-8654	P7-855224	M8805/110-8758	P7-865128
M8805/110-8446	P7-814226	M8805/110-8551	P7-835221	M8805/110-8655	P7-855225	M8805/110-8759	P7-865129
M8805/110-8447	P7-814227	M8805/110-8552	P7-835222	M8805/110-8656	P7-855226	M8805/110-8761	P7-866121
M8805/110-8448	P7-814228	M8805/110-8553	P7-835223	M8805/110-8657	P7-855227	M8805/110-8762	P7-866122
M8805/110-8449	P7-814229	M8805/110-8554	P7-835224	M8805/110-8658	P7-855228	M8805/110-8763	P7-866123
M8805/110-8451	P7-815221	M8805/110-8555	P7-835225	M8805/110-8659	P7-855229	M8805/110-8764	P7-866124
M8805/110-8452	P7-815222	M8805/110-8556	P7-835226	M8805/110-8661	P7-856221	M8805/110-8765	P7-866125
M8805/110-8453	P7-815223	M8805/110-8557	P7-835227	M8805/110-8662	P7-856222	M8805/110-8766	P7-866126
M8805/110-8454	P7-815224	M8805/110-8558	P7-835228	M8805/110-8663	P7-856223	M8805/110-8767	P7-866127
M8805/110-8455	P7-815225	M8805/110-8559	P7-835229	M8805/110-8664	P7-856224	M8805/110-8768	P7-866128
M8805/110-8456	P7-815226	M8805/110-8561	P7-836221	M8805/110-8665	P7-856225	M8805/110-8769	P7-866129
M8805/110-8457	P7-815227	M8805/110-8562	P7-836222	M8805/110-8666	P7-856226	M8805/110-8811	P7-861221
M8805/110-8458	P7-815228	M8805/110-8563	P7-836223	M8805/110-8667	P7-856227	M8805/110-8812	P7-861222
M8805/110-8459	P7-815229	M8805/110-8564	P7-836224	M8805/110-8668	P7-856228	M8805/110-8813	P7-861223
M8805/110-8461	P7-816221	M8805/110-8565	P7-836225	M8805/110-8669	P7-856229	M8805/110-8814	P7-861224
M8805/110-8462	P7-816222	M8805/110-8566	P7-836226	M8805/110-8711	P7-861121	M8805/110-8815	P7-861225
M8805/110-8463	P7-816223	M8805/110-8567	P7-836227	M8805/110-8712	P7-861122	M8805/110-8816	P7-861226
M8805/110-8464	P7-816224	M8805/110-8568	P7-836228	M8805/110-8713	P7-861123	M8805/110-8817	P7-861227
M8805/110-8465	P7-816225	M8805/110-8569	P7-836229	M8805/110-8714	P7-861124	M8805/110-8818	P7-861228
M8805/110-8466	P7-816226	M8805/110-8611	P7-851221	M8805/110-8715	P7-861125	M8805/110-8819	P7-861229
M8805/110-8467	P7-816227	M8805/110-8612	P7-851222	M8805/110-8716	P7-861126	M8805/110-8821	P7-862221
M8805/110-8468	P7-816228	M8805/110-8613	P7-851223	M8805/110-8717	P7-861127	M8805/110-8822	P7-862222
M8805/110-8469	P7-816229	M8805/110-8614	P7-851224	M8805/110-8718	P7-861128	M8805/110-8823	P7-862223
M8805/110-8511	P7-831221	M8805/110-8615	P7-851225	M8805/110-8719	P7-861129	M8805/110-8824	P7-862224
M8805/110-8512	P7-831222	M8805/110-8616	P7-851226	M8805/110-8721	P7-862121	M8805/110-8825	P7-862225
M8805/110-8513	P7-831223	M8805/110-8617	P7-851227	M8805/110-8722	P7-862122	M8805/110-8826	P7-862226
M8805/110-8514	P7-831224	M8805/110-8618	P7-851228	M8805/110-8723	P7-862123	M8805/110-8827	P7-862227
M8805/110-8515	P7-831225	M8805/110-8619	P7-851229	M8805/110-8724	P7-862124	M8805/110-8828	P7-862228
M8805/110-8516	P7-831226	M8805/110-8621	P7-852221	M8805/110-8725	P7-862125	M8805/110-8829	P7-862229
M8805/110-8517	P7-831227	M8805/110-8622	P7-852222	M8805/110-8726	P7-862126	M8805/110-8831	P7-863221
M8805/110-8518	P7-831228	M8805/110-8623	P7-852223	M8805/110-8727	P7-862127	M8805/110-8832	P7-863222

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
M8805/110-8833	P7-863223	MS24523		MS24656-27I	TE-2125I	MS24659-21J	T9-MS2-21J
M8805/110-8834	P7-863224	MS24523-21	T9-MS1-21	MS24656-31I	TE-2126I	MS24659-21K	T9-MS2-21K
M8805/110-8835	P7-863225	MS24523-22	T9-MS1-22	MS24656-311W	TE-21261W	MS24659-21L	T9-MS2-21L
M8805/110-8836	P7-863226	MS24523-23	T9-MS1-23	MS24656-35I	TE-2129I	MS24659-21M	T9-MS2-21M
M8805/110-8837	P7-863227	MS24523-24	T9-MS1-24	MS24656-351W	TE-21291W	MS24659-21N	T9-MS2-21N
M8805/110-8838	P7-863228	MS24523-25	T9-MS1-25			MS24659-21P	T9-MS2-21P
M8805/110-8839	P7-863229	MS24523-26	T9-MS1-26	MS24658		MS24659-22D	T9-MS2-22D
M8805/110-8841	P7-864221	MS24523-27	T9-MS1-27	MS24658-21A	T9-MS1-21A	MS24659-22F	T9-MS2-22F
M8805/110-8842	P7-864222	MS24523-28	T9-MS1-28	MS24658-21B	T9-MS1-21B	MS24659-22G	T9-MS2-22G
M8805/110-8843	P7-864223	MS24523-29	T9-MS1-29	MS24658-21D	T9-MS1-21D	MS24659-23D	T9-MS2-23D
M8805/110-8844	P7-864224	MS24523-30	T9-MS1-30	MS24658-21E	T9-MS1-21E	MS24659-23F	T9-MS2-23F
M8805/110-8845	P7-864225	MS24523-31	T9-MS1-31	MS24658-21F	T9-MS1-21F	MS24659-23G	T9-MS2-23G
M8805/110-8846	P7-864226	MS24523-32	T9-MS1-32	MS24658-21G	T9-MS1-21G	MS24659-24E	T9-MS2-24E
M8805/110-8847	P7-864227	MS24523-33	T9-MS1-33	MS24658-21H	T9-MS1-21H	MS24659-24F	T9-MS2-24F
M8805/110-8848	P7-864228			MS24658-21J	T9-MS1-21J	MS24659-24K	T9-MS2-24K
M8805/110-8849	P7-864229	MS24524		MS24658-21K	T9-MS1-21K	MS24659-24M	T9-MS2-24M
M8805/110-8851	P7-865221	MS24524-21	T9-MS2-21	MS24658-21L	T9-MS1-21L	MS24659-25F	T9-MS2-25F
M8805/110-8852	P7-865222	MS24524-22	T9-MS2-22	MS24658-21M	T9-MS1-21M	MS24659-26F	T9-MS2-26F
M8805/110-8853	P7-865223	MS24524-23	T9-MS2-23	MS24658-21N	T9-MS1-21N	MS24659-27E	T9-MS2-27E
M8805/110-8854	P7-865224	MS24524-24	T9-MS2-24	MS24658-21P	T9-MS1-21P	MS24659-27L	T9-MS2-27L
M8805/110-8855	P7-865225	MS24524-25	T9-MS2-25	MS24658-22D	T9-MS1-22D	MS24659-27N	T9-MS2-27N
M8805/110-8856	P7-865226	MS24524-26	T9-MS2-26	MS24658-22F	T9-MS1-22F	MS24659-28E	T9-MS2-28E
M8805/110-8857	P7-865227	MS24524-27	T9-MS2-27	MS24658-22G	T9-MS1-22G	MS24659-29F	T9-MS2-29F
M8805/110-8858	P7-865228	MS24524-28	T9-MS2-28	MS24658-23D	T9-MS1-23D	MS24659-30F	T9-MS2-30F
M8805/110-8859	P7-865229	MS24524-29	T9-MS2-29	MS24658-23F	T9-MS1-23F	MS24659-31E	T9-MS2-31E
M8805/110-8861	P7-866221	MS24524-30	T9-MS2-30	MS24658-23G	T9-MS1-23G	MS24659-31F	T9-MS2-31F
M8805/110-8862	P7-866222	MS24524-31	T9-MS2-31	MS24658-24E	T9-MS1-24E	MS24659-31K	T9-MS2-31K
M8805/110-8863	P7-866223	MS24524-32	T9-MS2-32	MS24658-24F	T9-MS1-24F	MS24659-31L	T9-MS2-31L
M8805/110-8864	P7-866224	MS24524-33	T9-MS2-33	MS24658-24K	T9-MS1-24K	MS24659-31M	T9-MS2-31M
M8805/110-8865	P7-866225			MS24658-24M	T9-MS1-24M	MS24659-31N	T9-MS2-31N
M8805/110-8866	P7-866226	MS24547		MS24658-25F	T9-MS1-25F	MS24659-32E	T9-MS2-32E
M8805/110-8867	P7-866227	MS24547-1	B2-211351	MS24658-26F	T9-MS1-26F	MS24659-33E	T9-MS2-33E
M8805/110-8868	P7-866228	MS24547-2	B2-211353	MS24658-27E	T9-MS1-27E	MS24659-33F	T9-MS2-33F
M8805/110-8869	P7-866229	MS24547-4	B2-212351	MS24658-27L	T9-MS1-27L	MS24659-33K	T9-MS2-33K
		MS24547-5	B2-212353	MS24658-27N	T9-MS1-27N	MS24659-33M	T9-MS2-33M
		MS24547-6	B2-200029	MS24658-28E	T9-MS1-28E		
M8805/111		MS24547-7	B2-200030	MS24658-29F	T9-MS1-29F	MS25089	
M8805/111-01	U2-016			MS24658-30F	T9-MS1-30F	MS25089-1A	P1-12122
M8805/111-02	U2-081			MS24658-31E	T9-MS1-31E	MS25089-1AL	P1-14122
M8805/111-03	U2-082	MS24655		MS24658-31F	T9-MS1-31F	MS25089-1AR	P1-12121
M8805/111-04	U2-025	MS24655-211	TE-21111	MS24658-31K	T9-MS1-31K	MS25089-1ARL	P1-14121
M8805/111-05	U2-083	MS24655-211W	TE-21111W	MS24658-31L	T9-MS1-31L	MS25089-1AW	P1-12129
M8805/111-06	U2-084	MS24655-221	TE-21121	MS24658-31M	T9-MS1-31M	MS25089-1AWL	P1-14129
		MS24655-221W	TE-21121W	MS24658-31N	T9-MS1-31N	MS25089-1B	P1-22122
M9419/2		MS24655-231	TE-21131	MS24658-32E	T9-MS1-32E	MS25089-1BL	P1-24122
M9419/2-001	T4-0015	MS24655-231W	TE-21131W	MS24658-33E	T9-MS1-33E	MS25089-1BR	P1-22121
M9419/2-002	T4-0043	MS24655-241	TE-21141	MS24658-33F	T9-MS1-33F	MS25089-1BRL	P1-24121
M9419/2-004	T4-0020	MS24655-241W	TE-21141W	MS24658-33K	T9-MS1-33K	MS25089-1BW	P1-22129
M9419/2-006	T4-0078	MS24655-271	TE-21151	MS24658-33M	T9-MS1-33M	MS25089-1BWL	P1-24129
		MS24655-271W	TE-21151W			MS25089-1C	P1-32122
MS21321		MS24655-311	TE-21161	MS24659		MS25089-1C-1	P1-32132
MS21321-1	P6-24000			MS24659-21A	T9-MS2-21A	MS25089-1C-1L	P1-34132
MS21321-2	P6-24001	MS24656		MS24659-21B	T9-MS2-21B	MS25089-1CL	P1-34122
		MS24656-211	TE-21211	MS24659-21D	T9-MS2-21D	MS25089-1CR	P1-32121
MS21353		MS24656-211W	TE-21211W	MS24659-21E	T9-MS2-21E	MS25089-1CR-1	P1-32131
MS21353-351	TE-11291	MS24656-221	TE-21221	MS24659-21F	T9-MS2-21F	MS25089-1CR-1L	P1-34131
		MS24656-221W	TE-21221W	MS24659-21G	T9-MS2-21G	MS25089-1CRL	P1-34121
MS24331		MS24656-231	TE-21231	MS24659-21H	T9-MS2-21H	MS25089-1CW	P1-32129
MS24331-1	P6-24002	MS24656-231W	TE-21231W				

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
MS25089-1CW-1	P1-32139	MS25089-2C-1	P1-32232	MS25089-3AWL	P1-14629	MS25089-3HW-1	P1-82639
MS25089-1CW-1L	P1-34139	MS25089-2C-1L	P1-34232	MS25089-3B	P1-22622	MS25089-3HW-1L	P1-84639
MS25089-1CWL	P1-34129	MS25089-2CL	P1-34222	MS25089-3BL	P1-24622	MS25089-3HWL	P1-84629
MS25089-1E	P1-52122	MS25089-2CR	P1-32221	MS25089-3BR	P1-22621	MS25089-4A	P1-12422
MS25089-1EL	P1-54122	MS25089-2CR-1	P1-32231	MS25089-3BRL	P1-24621	MS25089-4AL	P1-14422
MS25089-1ER	P1-52121	MS25089-2CR-1L	P1-34231	MS25089-3BW	P1-22629	MS25089-4AR	P1-12421
MS25089-1ERL	P1-54121	MS25089-2CRL	P1-34221	MS25089-3BWL	P1-24629	MS25089-4ARL	P1-14421
MS25089-1EW	P1-52129	MS25089-2CW	P1-32229	MS25089-3C	P1-32622	MS25089-4AW	P1-12429
MS25089-1EWL	P1-54129	MS25089-2CW-1	P1-32239	MS25089-3C-1	P1-32632	MS25089-4AWL	P1-14429
MS25089-1F	P1-62122	MS25089-2CW-1L	P1-34239	MS25089-3C-1L	P1-34632	MS25089-4B	P1-22422
MS25089-1F-1	P1-62132	MS25089-2CWL	P1-34229	MS25089-3CL	P1-34622	MS25089-4BL	P1-24422
MS25089-1F-1L	P1-64132	MS25089-2E	P1-52222	MS25089-3CR	P1-32621	MS25089-4BR	P1-22421
MS25089-1FL	P1-64122	MS25089-2EL	P1-54222	MS25089-3CR-1	P1-32631	MS25089-4BRL	P1-24421
MS25089-1FR	P1-62121	MS25089-2ER	P1-52221	MS25089-3CR-1L	P1-34631	MS25089-4BW	P1-22429
MS25089-1FR-1	P1-62131	MS25089-2ERL	P1-54221	MS25089-3CRL	P1-34621	MS25089-4BWL	P1-24429
MS25089-1FR-1L	P1-64131	MS25089-2EW	P1-52229	MS25089-3CW	P1-32629	MS25089-4C	P1-32422
MS25089-1FRL	P1-64121	MS25089-2EWL	P1-54229	MS25089-3CW-1	P1-32639	MS25089-4C-1	P1-32432
MS25089-1FW	P1-62129	MS25089-2F	P1-62222	MS25089-3CW-1L	P1-34639	MS25089-4C-1L	P1-34432
MS25089-1FW-1	P1-62139	MS25089-2F-1	P1-62232	MS25089-3CWL	P1-34629	MS25089-4CL	P1-34422
MS25089-1FW-1L	P1-64139	MS25089-2F-1L	P1-64232	MS25089-3E	P1-52622	MS25089-4CR	P1-32421
MS25089-1FWL	P1-64129	MS25089-2FL	P1-64222	MS25089-3EL	P1-54622	MS25089-4CR-1	P1-32431
MS25089-1G	P1-72122	MS25089-2FR	P1-62221	MS25089-3ER	P1-52621	MS25089-4CR-1L	P1-34431
MS25089-1G-1	P1-72132	MS25089-2FR-1	P1-62231	MS25089-3ERL	P1-54621	MS25089-4CRL	P1-34421
MS25089-1G-1L	P1-74132	MS25089-2FR-1L	P1-64231	MS25089-3EW	P1-52629	MS25089-4CV	P1-32429
MS25089-1GL	P1-74122	MS25089-2FRL	P1-64221	MS25089-3EWL	P1-54829	MS25089-4CV-1	P1-32439
MS25089-1GR	P1-72121	MS25089-2FW	P1-62229	MS25089-3F	P1-62622	MS25089-4CV-1L	P1-34439
MS25089-1GR-1	P1-72131	MS25089-2FW-1	P1-62239	MS25089-3F-1	P1-62632	MS25089-4CWL	P1-34429
MS25089-1GR-1L	P1-74131	MS25089-2FW-1L	P1-64239	MS25089-3F-1L	P1-61632	MS25089-4E	P1-52422
MS25089-1GRL	P1-74121	MS25089-2FWL	P1-64229	MS25089-3FL	P1-64622	MS25089-4EL	P1-54422
MS25089-1GW	P1-72129	MS25089-2G	P1-72222	MS25089-3FR	P1-62621	MS25089-4ER	P1-52421
MS25089-1GW-1	P1-72139	MS25089-2G-1	P1-72232	MS25089-3FR-1	P1-62631	MS25089-4ERL	P1-54421
MS25089-1GW-1L	P1-74139	MS25089-2G-1L	P1-74232	MS25089-3FR-1L	P1-64631	MS25089-4EW	P1-52429
MS25089-1GWL	P1-74129	MS25089-2GL	P1-74222	MS25089-3FRL	P1-64621	MS25089-4EWL	P1-54429
MS25089-1H	P1-82122	MS25089-2GR	P1-72221	MS25089-3FW	P1-62629	MS25089-4F	P1-62422
MS25089-1H-1	P1-82132	MS25089-2GR-1	P1-72231	MS25089-3FW-1	P1-62639	MS25089-4F-1	P1-62432
MS25089-1H-1L	P1-84132	MS25089-2GR-1L	P1-74231	MS25089-3FW-1L	P1-64639	MS25089-4FL	P1-64421
MS25089-1HL	P1-84122	MS25089-2GRL	P1-74221	MS25089-3FWL	P1-64629	MS25089-4FL	P1-64422
MS25089-1HR	P1-82121	MS25089-2GW	P1-72229	MS25089-3G	P1-72622	MS25089-4FR	P1-62421
MS25089-1HR-1	P1-82131	MS25089-2GW-1	P1-72239	MS25089-3G-1	P1-72632	MS25089-4FR-1	P1-62431
MS25089-1HR-1L	P1-84131	MS25089-2GW-1L	P1-74239	MS25089-3G-1L	P1-74632	MS25089-4FR-1L	P1-64431
MS25089-1HRL	P1-84121	MS25089-2GWL	P1-74229	MS25089-3GL	P1-74622	MS25089-4FRL	P1-64421
MS25089-1HW	P1-82129	MS25089-2H	P1-82222	MS25089-3GR	P1-72621	MS25089-4FW	P1-62429
MS25089-1HW-1	P1-82139	MS25089-2H-1	P1-82232	MS25089-3GR-1	P1-72631	MS25089-4FW-1	P1-62439
MS25089-1HW-1L	P1-84139	MS25089-2H-1L	P1-84232	MS25089-3GR-1L	P1-74631	MS25089-4FW-1L	P1-64439
MS25089-1HWL	P1-84129	MS25089-2HL	P1-84222	MS25089-3GRL	P1-74621	MS25089-4FWL	P1-64429
MS25089-2A	P1-12222	MS25089-2HR	P1-82221	MS25089-3GW	P1-72629	MS25089-4G	P1-72422
MS25089-2AL	P1-14222	MS25089-2HR-1	P1-82231	MS25089-3GW-1	P1-72639	MS25089-4G-1	P1-72432
MS25089-2AR	P1-12221	MS25089-2HR-1L	P1-84231	MS25089-3GW-1L	P1-74639	MS25089-4G-1L	P1-74432
MS25089-2ARL	P1-14221	MS25089-2HRL	P1-84221	MS25089-3GWL	P1-74629	MS25089-4GL	P1-74422
MS25089-2AW	P1-12229	MS25089-2HW	P1-82229	MS25089-3H	P1-82622	MS25089-4GR	P1-72421
MS25089-2AWL	P1-14229	MS25089-2HW-1	P1-82239	MS25089-3H-1	P1-82632	MS25089-4GR-1	P1-72431
MS25089-2B	P1-22222	MS25089-2HW-1L	P1-84239	MS25089-3H-1L	P1-84632	MS25089-4GR-1L	P1-74431
MS25089-2BL	P1-24222	MS25089-2HWL	P1-84229	MS25089-3HL	P1-84622	MS25089-4GRL	P1-74421
MS25089-2BR	P1-22221	MS25089-3A	P1-12622	MS25089-3HR	P1-82621	MS25089-4GW	P1-72429
MS25089-2BRL	P1-24221	MS25089-3AL	P1-14622	MS25089-3HR-1	P1-82631	MS25089-4GW-1	P1-72439
MS25089-2BW	P1-22229	MS25089-3AR	P1-12621	MS25089-3HR-1L	P1-84631	MS25089-4GW-1L	P1-74439
MS25089-2BWL	P1-24229	MS25089-3ARL	P1-14621	MS25089-3HRL	P1-84621	MS25089-4GWL	P1-74429
MS25089-2C	P1-32222	MS25089-3AW	P1-12629	MS25089-3HW	P1-82629	MS25089-4H	P1-82422

CROSS REFERENCE: MILITARY TO OTTO

MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.	MILITARY PART NO.	OTTO PART NO.
MS25089-4H-1	P1-82432	MS25089-5GR-1	P1-72331	MS27717		MS27721	
MS25089-4H-1L	P1-84432	MS25089-5GR-1L	P1-74331	MS27717-21-1	T3-21211	MS27721-21-1A	T3-31211A
MS25089-4HL	P1-84422	MS25089-5GRL	P1-74321	MS27717-22-1	T3-21221	MS27721-21-1B	T3-31211B
MS25089-4HR	P1-82421	MS25089-5GW	P1-72329	MS27717-23-1	T3-21231	MS27721-21-1D	T3-31211D
MS25089-4HR-1	P1-82431	MS25089-5GW-1	P1-72339	MS27717-26-1	T3-21241	MS27721-21-1E	T3-31211E
MS25089-4HR-1L	P1-84431	MS25089-5GW-1L	P1-74339	MS27717-27-1	T3-21251	MS27721-21-1F	T3-31211F
MS25089-4HRL	P1-84421	MS25089-5GWL	P1-74329	MS27717-31-1	T3-21261	MS27721-21-1G	T3-31211G
MS25089-4HW	P1-82429	MS25089-5H	P1-82322			MS27721-21-1H	T3-31211H
MS25089-4HW-1	P1-82439	MS25089-5H-1	P1-82332	MS27718		MS27721-21-1J	T3-31211J
MS25089-4HW-1L	P1-84439	MS25089-5H-1L	P1-84332	MS27718-21-1	T3-11111	MS27721-21-1K	T3-31211K
MS25089-4HWL	P1-84429	MS25089-5HL	P1-84322	MS27718-22-1	T3-11121	MS27721-21-1L	T3-31211L
MS25089-5A	P1-12322	MS25089-5HR	P1-82321	MS27718-23-1	T3-11131	MS27721-21-1M	T3-31211M
MS25089-5AL	P1-14322	MS25089-5HR-1	P1-82331	MS27718-26-1	T3-11141	MS27721-21-1N	T3-31211N
MS25089-5AR	P1-12321	MS25089-5HR-1L	P1-84331	MS27718-27-1	T3-11151	MS27721-21-1P	T3-31211P
MS25089-5ARL	P1-14321	MS25089-5HRL	P1-84321	MS27718-31-1	T3-11161	MS27721-22-1D	T3-31221D
MS25089-5AW	P1-12329	MS25089-5HW	P1-82329			MS27721-22-1F	T3-31221F
MS25089-5AWL	P1-14329	MS25089-5HW-1	P1-82339	MS27719		MS27721-22-1G	T3-31221G
MS25089-5B	P1-22322	MS25089-5HW-1L	P1-84339	MS27719-21-1	T3-11211	MS27721-23-1D	T3-31231D
MS25089-5BL	P1-24322	MS25089-5HWL	P1-84329	MS27719-22-1	T3-11221	MS27721-23-1F	T3-31231F
MS25089-5BR	P1-22321			MS27719-23-1	T3-11231	MS27721-23-1G	T3-31231G
MS25089-5BRL	P1-24321	MS25224		MS27719-26-1	T3-11241	MS27721-26-1F	T3-31241F
MS25089-5BVV	P1-22329	MS25224-1	TG-00001	MS27719-27-1	T3-11251	MS27721-27-1E	T3-31251E
MS25089-5BVWL	P1-24329	MS25224-3	TG-00002	MS27719-31-1	T3-11261	MS27721-27-1L	T3-31251L
MS25089-5C	P1-32322					MS27721-27-1N	T3-31251N
MS25089-5C-1	P1-32332	MS27217		MS27720		MS27721-31-1E	T3-31261E
MS25089-5C-1L	P1-34332	MS27217-1	B5-21141	MS27720-21-1A	T3-31111A	MS27721-31-1F	T3-31261F
MS25089-5CL	P1-34322			MS27720-21-1B	T3-31111B	MS27721-31-1K	T3-31261K
MS25089-5CR	P1-32321	MS27240		MS27720-21-1D	T3-31111D	MS27721-31-1L	T3-31261L
MS25089-5CR-1	P1-32331	MS27240-1	P6-24003	MS27720-21-1E	T3-31111E	MS27721-31-1M	T3-31261M
MS25089-5CR-1L	P1-34331	MS27240-2	P6-24004	MS27720-21-1F	T3-31111F	MS27721-31-1N	T3-31261N
MS25089-5CRL	P1-34321	MS27240-3	P6-14000	MS27720-21-1G	T3-31111G		
MS25089-5CW	P1-32329	MS27240-4	P6-14001	MS27720-21-1H	T3-31111H	MS27752	
MS25089-5CW-1	P1-32339	MS27240-5	P6-24005	MS27720-21-1J	T3-31111J	MS27752-1	TG-00006
MS25089-5CW-1L	P1-34339	MS27240-6	P6-24006	MS27720-21-1K	T3-31111K		
MS25089-5CVL	P1-34329	MS27240-7	P6-14002	MS27720-21-1L	T3-31111L	MS90310	
MS25089-5E	P1-52322	MS27240-8	P6-14003	MS27720-21-1M	T3-31111M	MS90310-211	TE-11111
MS25089-5EL	P1-54322			MS27720-21-1N	T3-31111N	MS90310-221	TE-11121
MS25089-5ER	P1-52321	MS27257		MS27720-21-1P	T3-31111P	MS90310-231	TE-11131
MS25089-5ERL	P1-54321	MS27257-1	B3-26141	MS27720-22-1D	T3-31121D	MS90310-271	TE-11151
MS25089-5EVV	P1-52329	MS27257-2	B3-22141	MS27720-22-1F	T3-31121F	MS90310-311	TE-11161
MS25089-5EVL	P1-54329			MS27720-22-1G	T3-31121G		
MS25089-5F	P1-62322	MS27407		MS27720-23-1D	T3-31131D	MS90311	
MS25089-5F-1	P1-62332	MS27407-1	T9-MS2-01	MS27720-23-1F	T3-31131F	MS90311-211	TE-11211
MS25089-5F-1L	P1-64321	MS27407-2	T9-MS2-02	MS27720-23-1G	T3-31131G	MS90311-221	TE-11221
MS25089-5FL	P1-64322	MS27407-3	T9-MS2-03	MS27720-26-1F	T3-31141F	MS90311-231	TE-11231
MS25089-5FR	P1-62321	MS27407-4	T9-MS2-04	MS27720-27-1E	T3-31151E	MS90311-271	TE-11251
MS25089-5FR-1	P1-62331	MS27407-5	T9-MS2-05	MS27720-27-1L	T3-31151L	MS90311-311	TE-11261
MS25089-5FR-1L	P1-64331	MS27407-6	T9-MS2-06	MS27720-27-1N	T3-31151N		
MS25089-5FRL	P1-64321			MS27720-31-1E	T3-31161E		
MS25089-5FW	P1-62329	MS27716		MS27720-31-1F	T3-31161F		
MS25089-5FW-1	P1-62339	MS27716-21-1	T3-21111	MS27720-31-1K	T3-31161K		
MS25089-5FW-1L	P1-64339	MS27716-22-1	T3-21121	MS27720-31-1L	T3-31161L		
MS25089-5FWL	P1-64329	MS27716-23-1	T3-21131	MS27720-31-1M	T3-31161M		
MS25089-5G	P1-72322	MS27716-26-1	T3-21141	MS27720-31-1N	T3-31161N		
MS25089-5G-1	P1-72332	MS27716-27-1	T3-21151				
MS25089-5G-1L	P1-74332	MS27716-31-1	T3-21161				
MS25089-5GL	P1-74322						
MS25089-5GR	P1-72321						

SEALED TOGGLE SWITCHES

T7
SEALED
TOGGLES

LOW COST TOGGLE FOR WET & DUSTY ENVIRONMENTS

These toggle switches are rugged, high performance sealed switches designed for use under severe conditions found in heavy equipment, industrial control, marine and appliance applications. The T7 series is sealed to both IP68S and IP69K. OTTO's front panel seal is accomplished with an O-ring under the bat handle. However, now a secondary visible bushing seal is offered as an option.

T7 toggles are offered in single and double pole configurations. High contact pressure and superior contact wiping action of the OTTO design makes the T7 an excellent choice for switching loads from logic level up to 16 amps.

These toggles feature positive detent action for safe switching operation. In conjunction with the unique OTTO snap-action switch mechanism, the T7 offers non-teasible contact transfer.

Mounting hardware provided includes two hex nuts, one lockwasher and one keyway washer. An optional panel seal is available, P/N C710196, MIL. P/N M5423/16-01.

Features:

- Sealed to IP68S and IP69K
- Switches up to 16 amps
- Withstands extreme shock & vibration
- Positive detent, non-teasible contact transfer
- 2 & 3-position, momentary & maintained action
- Choice of terminal styles
- UL recognized
- RoHS compliant
- Black matte finish available (contact factory)



Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC	Sea Level @ 125VAC 60/400 Hz	Cycles
Resistive	16A	5A	25,000
Resistive	10A	N/A	50,000
Inductive	7A	2A	25,000
DWV	1000 VRMS	1000 VRMS	1000 VRMS
Logic Level	10mA @ 5VDC	N/A	50,000

Electrical Life: See Rating Chart

Mechanical Life: 100,000 cycles

Seal: IP68S and IP69K

Operating Temp Range: -30°C to +85°C

MATERIALS:

Case: Thermoplastic

Bushing: Anodized aluminum alloy

Toggle: Stainless steel

Contacts: Fine silver/silver cadmium oxide

Logic Level: Gold over silver

Terminal Hardware: 6-32 screw when applicable
T7 recommended Quick Connect terminals:
AMP 60253-2 for 12-16 AWG
AMP 42100-2 for 14-18 AWG

Mounting Hardware: Hex nuts, lockwasher, keyway washer

T7 PART NUMBER CODE

Circuitry	Terminal Style	Contact Rating	Circuit Made With Toggle At:	Toggle Style	Button Color** Lever Lock Collar Style
1. 1 Pole 2. 2 Pole	1. .250" Q.C. 2. Screw 3. Solder 4. PC Pin (consult factory)	1. Std. 2. Logic Level	Keyway Side Center Opposite A. ON NONE OFF B. ON NONE ON C. (ON) NONE OFF D. (ON) NONE ON E. (ON) OFF (ON) F. ON OFF ON G. (ON) OFF ON H. OFF NONE ON J. OFF NONE (ON) K. ON OFF (ON)	1. Bat Handle 2. Lever Lockout (consult factory)* 3. Dome Button 4. Rocker Button 5. Bat Handle With Bushings Seal	1. Red 2. Black 4. Yellow 8. Gray

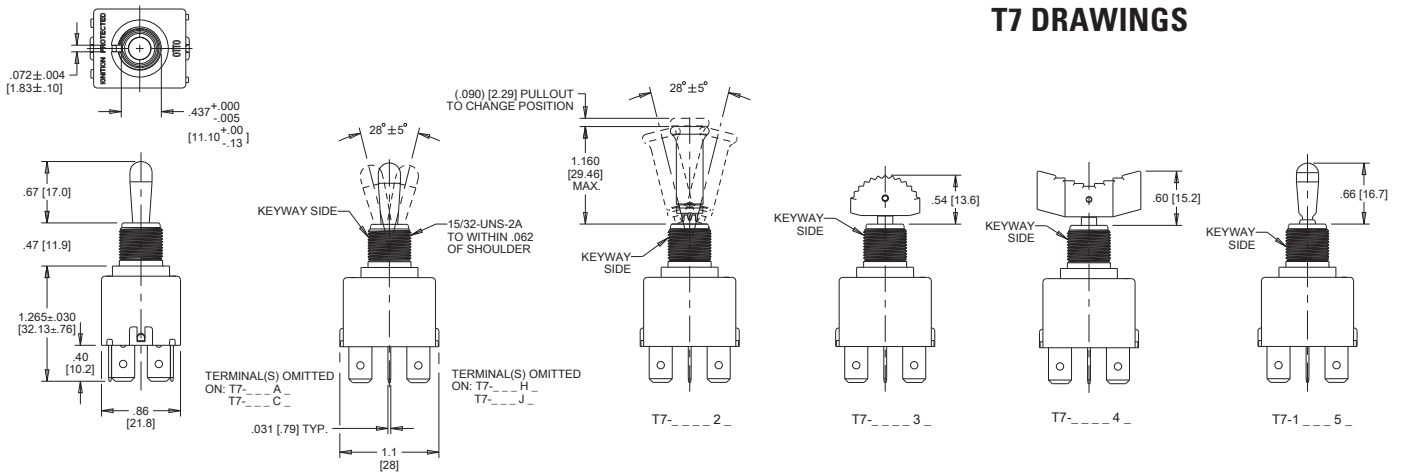
NOTE: () denotes momentary action.

* For A-P options see Locking Collar Configuration table on following page
** Only applicable to Toggle Styles 3 & 4; otherwise omit.

T7 Connector P/N C801765
(See Connector page in Hardware & Accessories section)

LOW COST TOGGLE FOR WET & DUSTY ENVIRONMENTS

T7 DRAWINGS



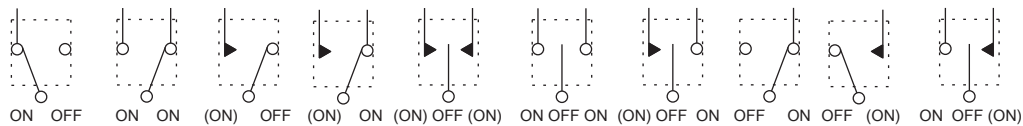
LOCKING COLLAR CONFIGURATIONS

LOCKED IN THREE POSITIONS	LOCKED IN CENTER & KEYWAY SIDE POSITION	LOCKED OUT OF CENTER POSITION	LOCKED IN CENTER POSITION	LOCKED IN OPPOSITE KEYWAY POSITION	LOCKED IN KEYWAY SIDE POSITION	LOCKED OUT OF CENTER & KEYWAY SIDE POSITION
A	B	D	E	F	G	H
LOCKED OUT OF CENTER & OPPOSITE KEYWAY POSITION	LOCKED IN CENTER & OPPOSITE KEYWAY POSITION	LOCKED OUT OF KEYWAY SIDE POSITION	LOCKED OUT OF & INTO OPPOSITE KEYWAY POSITION	LOCKED OUT OF OPPOSITE KEYWAY POSITION	LOCKED OUT OF & INTO KEYWAY SIDE POSITION	FIGURES A THRU P DO NOT REPRESENT DETAILS OF CONSTRUCTION. THEY SCHEMATIC ILLUSTRATE LOCKING CONFIGURATIONS & MOM. POSITIONS
J	K	L	M	N	P	

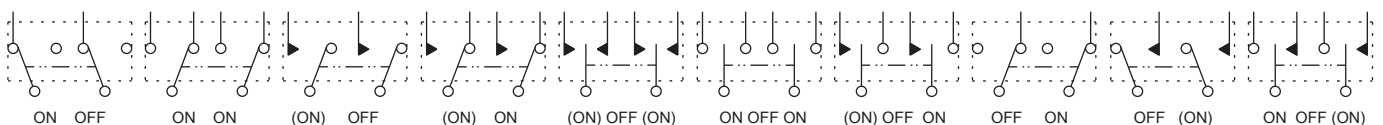
TERMINAL STYLES (.031 [.78] THICK)

SCREW	QUICK CONNECT	SOLDER	P.C. PIN
 #6-32 THD .25 [6.4]	 $\phi .08$.25 [6.4]	 $\phi .11$.25 [6.4]	 .030 SQ. [.76] SQ. .25 [6.4] .10 [2.5]

SINGLE POLE SCHEMATICS



DOUBLE POLE SCHEMATICS



POSITIVE ACTION TOGGLE

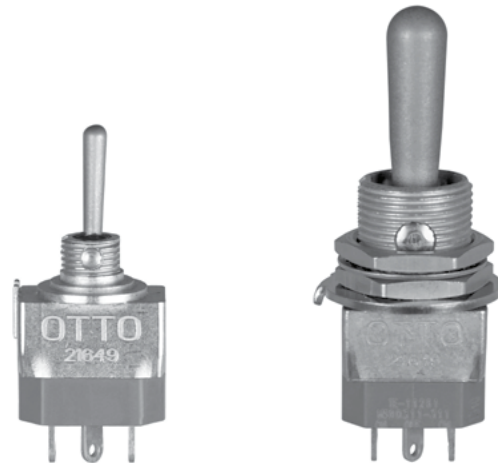
The TE series is a MIL qualified, positive make and break, panel mount toggle switch.

The positive action mechanism assures that the switch will actuate even when actuated slowly. A silicone seal protects the contact area from contaminants such as dust, moisture and sand. All metal components are corrosion resistant and designed to exceed all military requirements.

This environmentally sealed switch is available in single and double pole configurations with 15/32 or 1/4-40 bushings. The TE series is ideal in applications for dry circuits, low level and power switching applications.

Features:

- Positive action miniature toggle
- Wiping action contacts
- Momentary & maintained toggle action
- Panel mount
- Solder lug termination
- Single & double pole
- Sealed per MIL-DTL-8834
- MIL qualified MS90310-211/221/231/271/311
MS90311-211/221/231/271/311
MS24655-211/221/231/271/311
MS24656-
211/221/231/271/311/331/341/351
- RoHS compliant
- Black matte finish available. Contact factory



1/4-40 Bushing Style

15/32-32 Bushing Style

Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC	Sea Level @ 115VAC, 60Hz	Sea Level @ 115VAC, 400Hz	Sea Level Low Level @ 5mV
Resistive	5A	2A	3A	25 μ A
Inductive	1A	1A	2A	25 μ A

Electrical Life: 20,000 cycles

Mechanical Life: 40,000 cycles

Seal: Per MIL-DTL-8834

Operating Temp Range: -55°C to +71°C

MATERIALS:

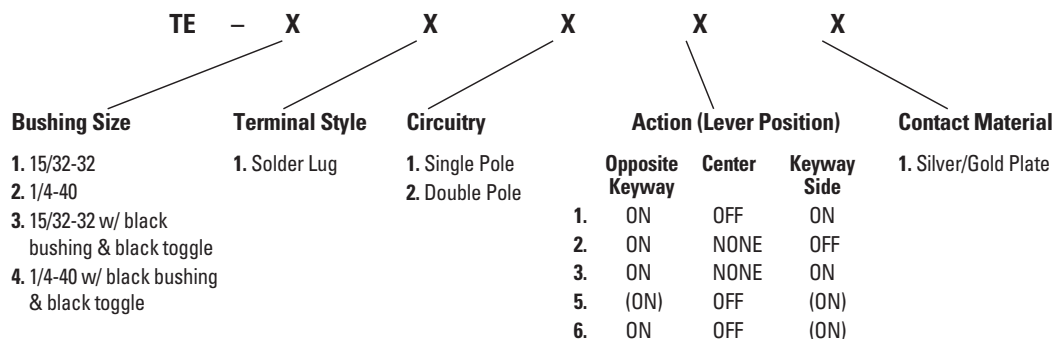
Handle: Stainless steel with lusterless finish

Bushing: Zinc alloy (15/32) or stainless steel

Cover: Zinc alloy or stainless steel

Mounting Hardware: Hex nuts, lockwasher and keyway washer.
Silicone panel seal when applicable

TE PART NUMBER CODE



Optional Panel Seal Gasket for 15/32-32 bushing
P/N C710196 per MIL. P/N M5423/16-01

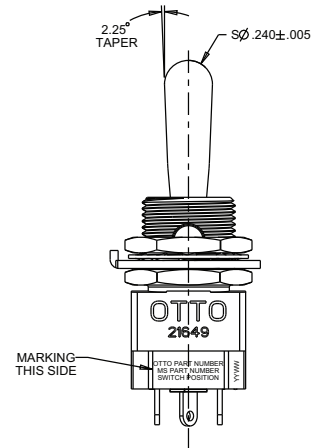
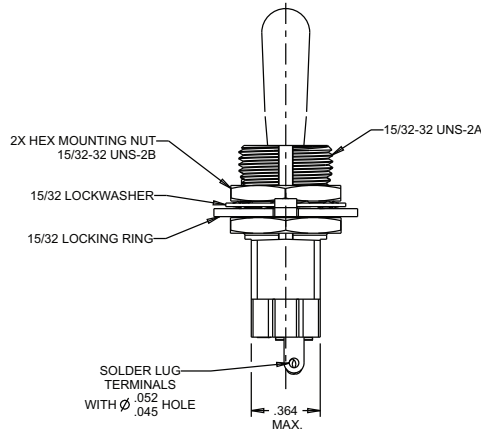
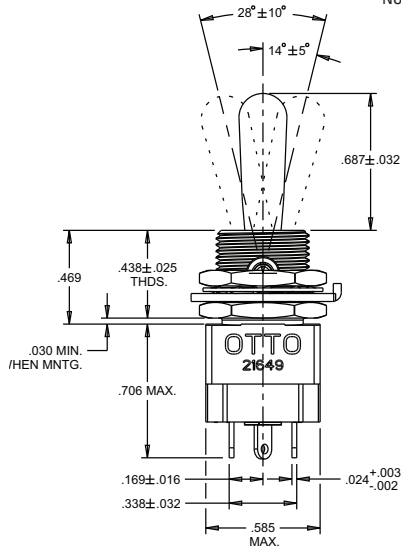
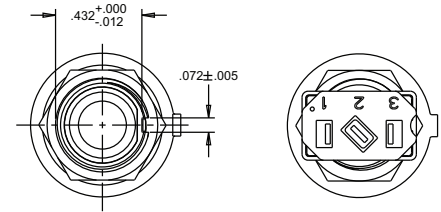
NOTE: () denotes momentary action.

POSITIVE ACTION TOGGLE

TE-111 15/32-32, Single Pole MS90310

CIRCUITS MADE WITH LEVER IN THESE POSITIONS:			
	Opposite Keyway	Center	Keyway
1.	ON 2-3	OFF	ON 1-2
2.	ON 2-3	NONE	OFF
3.	ON 2-3	NONE	ON 1-2
5.	(ON) 2-3	OFF	(ON) 1-2
6.	ON 2-3	OFF	(ON) 1-2
	MS Dash Number		
	-211		
	-221		
	-231		
	-271		
	-311		

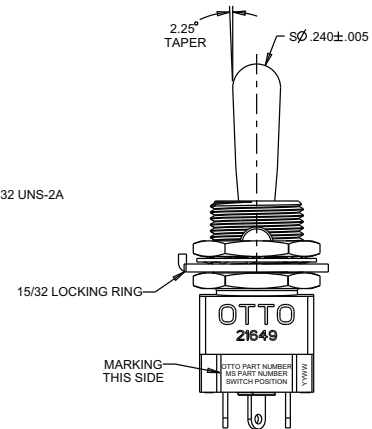
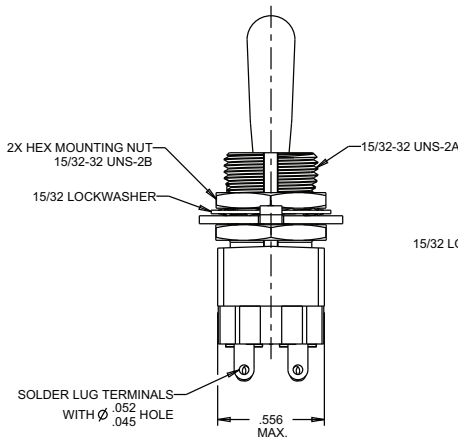
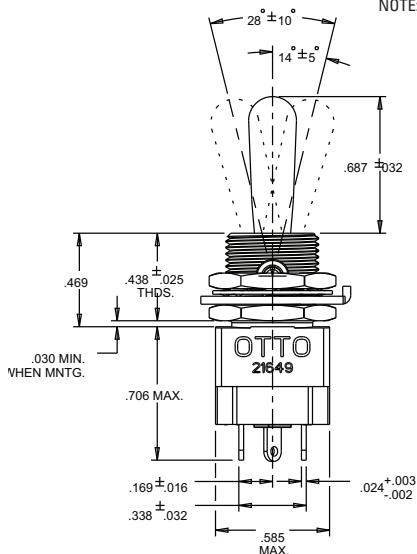
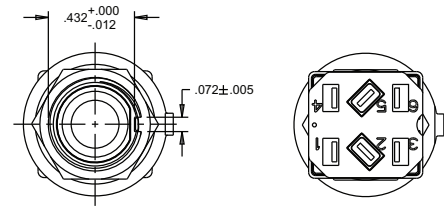
NOTE: () denotes momentary action.



TE-112 15/32-32, Double Pole MS90311

CIRCUITS MADE WITH LEVER IN THESE POSITIONS:			
	Opposite Keyway	Center	Keyway
1.	ON 2-3, 5-6	OFF	ON 1-2, 4-5
2.	ON 2-3, 5-6	NONE	OFF
3.	ON 2-3, 5-6	NONE	ON 1-2, 4-5
5.	(ON) 2-3, 5-6	OFF	(ON) 1-2, 4-5
6.	ON 2-3, 5-6	OFF	(ON) 1-2, 4-5
	MS Dash Number		
	-211		
	-221		
	-231		
	-271		
	-311		

NOTE: () denotes momentary action.



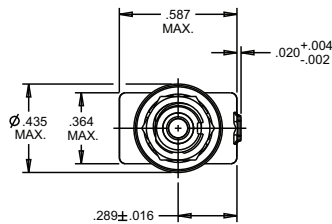
COMMERCIAL & MIL MINIATURE TOGGLE

TE
MINIATURE
TOGGLE

POSITIVE ACTION TOGGLE

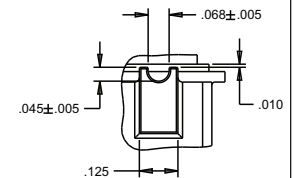
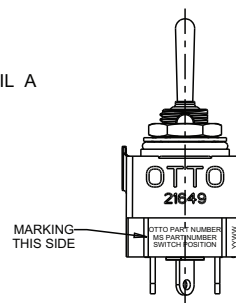
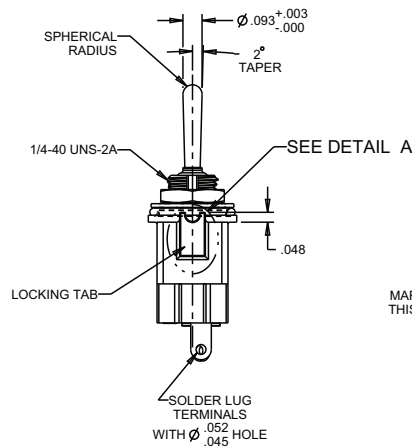
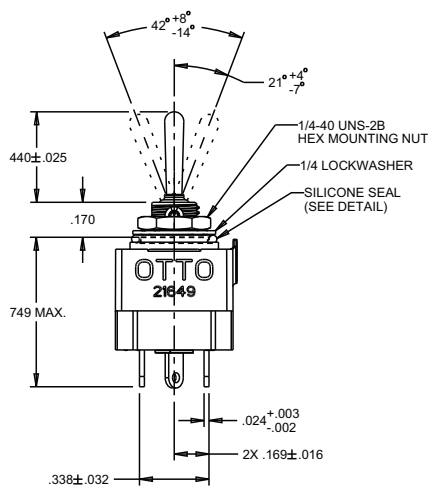
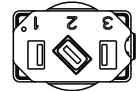
TOGGLE SWITCHES

TE-211 1/4-40 Bushing Single Pole MS24655

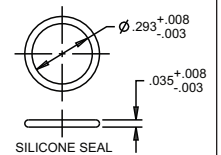


CIRCUITS MADE WITH LEVER IN THESE POSITIONS:			
Opposite Keyway	Center	Keyway	MS Dash Number
1. ON 2-3	OFF	ON 1-2	-211
2. ON 2-3	NONE	OFF	-221
3. ON 2-3	NONE	ON 1-2	-231
5. (ON) 2-3	OFF	(ON) 1-2	-271
6. ON 2-3	OFF	(ON) 1-2	-311

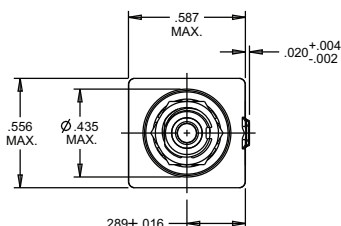
NOTE: () denotes momentary action.



DETAIL A

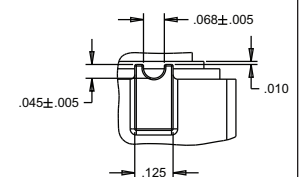
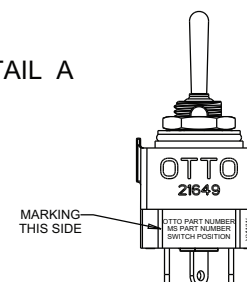
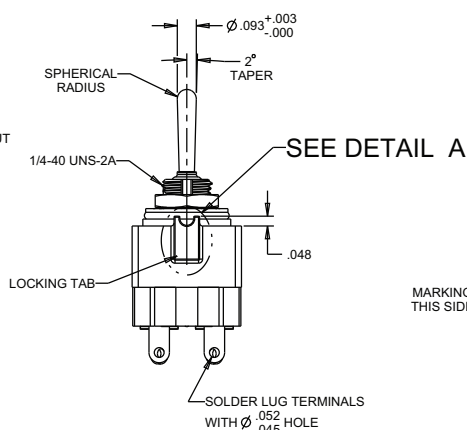
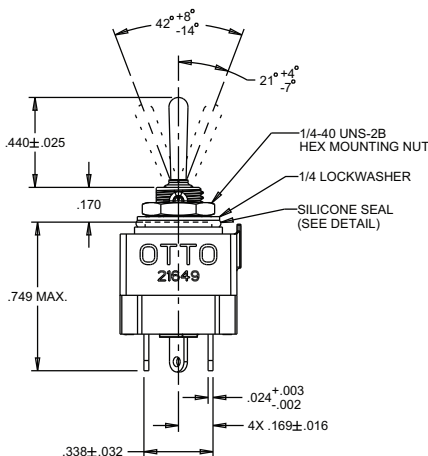
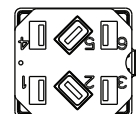


TE-212 1/4-40 Double Pole MS24656

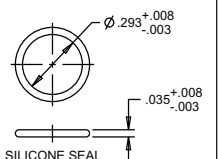


CIRCUITS MADE WITH LEVER IN THESE POSITIONS:			
Opposite Keyway	Center	Keyway	MS Dash Number
1. ON 2-3, 5-6	OFF	ON 1-2, 4-5	-211
2. ON 2-3, 5-6	NONE	OFF	-221
3. ON 2-3, 5-6	NONE	ON 1-2, 4-5	-231
5. (ON) 2-3, 5-6	OFF	(ON) 1-2, 4-5	-271
6. ON 2-3, 5-6	OFF	(ON) 1-2, 4-5	-311

NOTE: () denotes momentary action.



DETAIL A

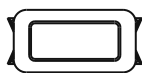


PANEL PLUGS FOR ROCKER & R2 SERIES

PP
PANEL
PLUGS

K1 THROUGH K5 & R2 PANEL PLUGS

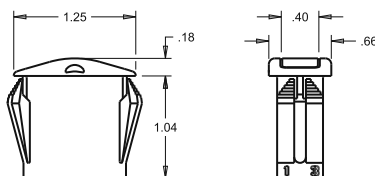
K1-PA Panel Plug One Piece Molded



OPTIONAL PANEL GASKET:

**0.062" THICKNESS =
P/N 807039-1**

**0.031" THICKNESS =
P/N 807039-2**

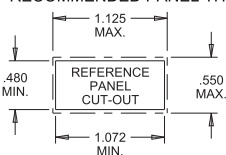


MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:

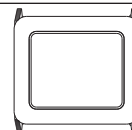
RANGE 0.025 - 0.105 OPTIONAL PANEL
GASKET RECOMMENDED

RANGE 0.105 - 0.187 WITHOUT GASKET



Panel Opening:	Min.	Typ.	Max.
Width	0.480	0.515	0.550
Length	1.072	1.099	1.125

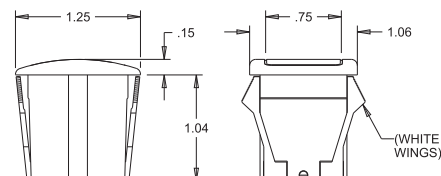
K2-PB Panel Plug Assembled Plug



OPTIONAL PANEL GASKET:

**0.062" THICKNESS =
P/N 807038-1**

**0.031" THICKNESS =
P/N 807038-2**

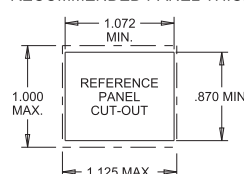


MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:

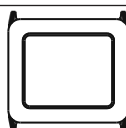
RANGE 0.025 - 0.105 OPTIONAL PANEL
GASKET RECOMMENDED

RANGE 0.105 - 0.187 WITHOUT GASKET



Panel Opening:	Min.	Typ.	Max.
Width	0.870	0.937	1.00
Length	1.072	1.099	1.125

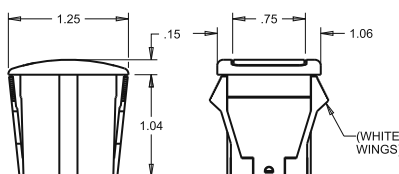
K4-PB Panel Plug Assembled Plug



OPTIONAL PANEL GASKET:

**0.062" THICKNESS =
P/N 807038-1**

**0.031" THICKNESS =
P/N 807038-2**

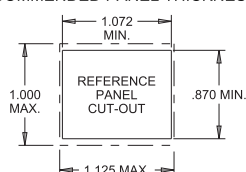


MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:

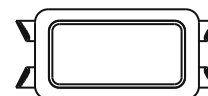
RANGE 0.025 - 0.105 OPTIONAL PANEL
GASKET RECOMMENDED

RANGE 0.105 - 0.187 WITHOUT GASKET



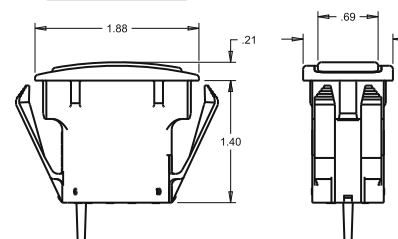
Panel Opening:	Min.	Typ.	Max.
Width	0.870	0.937	1.00
Length	1.072	1.099	1.125

K3-PB Panel Plug Assembled Plug



OPTIONAL PANEL GASKET:

P/N 807037

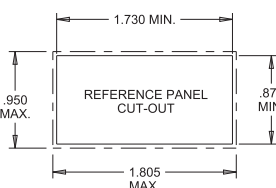


MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:

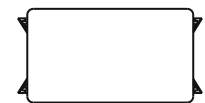
RANGE 0.025 - 0.105 OPTIONAL PANEL
GASKET RECOMMENDED

RANGE 0.102 - 0.187 WITHOUT GASKET



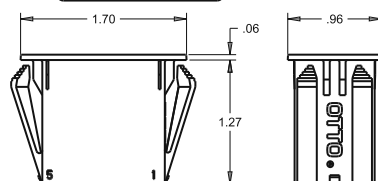
Panel Opening:	Min.	Typ.	Max.
Width	0.870	0.937	0.950
Length	1.730	1.768	1.805

K5-PA / R2-PA Panel Plug One Piece Molded



OPTIONAL PANEL GASKET:

P/N 807109

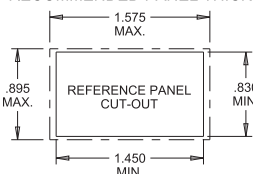


MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:

RANGE 0.025 - 0.105 OPTIONAL PANEL
GASKET RECOMMENDED

RANGE 0.105 - 0.187 WITHOUT GASKET



Panel Opening:	Min.	Typ.	Max.
Width	0.830	0.863	0.895
Length	1.450	1.513	1.575

PANEL PLUG PART NUMBER CODE

Series	Plug	Style	Plug Color ③	Button Insert ③
K1 ①	P	A. One Piece Molded	1. Red	1. Red*
K2 ②		B. Assembled Plug	2. Black	2. Black*
K3 ②			9. White	9. White**
K4 ②				Z. NONE**
K5 ①				
R2 ①				

*K3 series only.

**Molded plug only.

① Available in Style A only.

② Available in Style B only.

③ Additional colors available. Contact factory.

Rocker Switches



SERIES	FEATURE	MAX RATING (Resistive @ 28VDC)	SEAL RATING	APPROVALS	MOUNTING (Panel Opening)	CIRCUITRY
K1	Sealed, Illuminated Single Pole	16A	IP68S & IP69K	UL (E61705), (UL1500), Ignition Protected, RoHS Compliant	1.115" x 0.515"	SPST, SPDT
K1S	Sealed, ON-ON-ON, Single or Double Pole	10mA @ 5VDC	IP68S	RoHS Compliant (based on configuration)	1.077" x 0.485"	SPTT, DPTT
K2	Sealed, Illuminated Double Pole	16A	IP68S & IP69K	UL (E61705), (UL1500), Ignition Protected, RoHS Compliant	1.115" x 0.900"	SPST, SPDT DPST, DPDT
K3	Sealed, Illuminated	20A	IP68S & IP69K	RoHS Compliant	1.750" x 0.915"	SPST, SPDT DPST, DPDT, SPTT
K3P	Panel Plug Indicators	20mA	IP68S	RoHS Compliant	1.750" x 0.915"	Lighting: Ind A, Ind C, Ind A & C
K4	Snap-in Toggle, Sealed, Illuminated	16A	IP68S & IP69K	RoHS Compliant	1.115" x 0.900"	SPST, SPDT DPST, DPDT
K5	Sealed, Illuminated	20A	IP68S & IP69K	RoHS Compliant	1.475" x 0.875"	SPST, DPDT SPDT, DPDT, SPTT
U2	Sealed, High Cycle Life	10A (10mA @ 5VDC logic level)	IP64 or IP68S	RoHS Compliant	1.125" X 0.690"	SPST

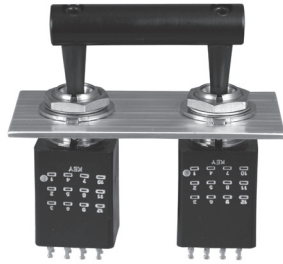
SEALED TOGGLE SWITCHES

T1
SEALED
TOGGLES

PANEL SEALED PER MIL-PRF-83731

2-Position, 4 Pole

Basic Switches: Per MIL-PRF-8805/101
Enclosure: Sealed per MIL-DTL-83731
Rating: 5 amps Resistive @ 28VDC
 2 amps Inductive @ 28VDC
Action: Maintained
Handle: Stainless steel with black chrome
Housing: Thermoplastic
Lever: Stainless steel with black chrome
U2-583 (incorporating two T1 toggles)



3-Position, 4 Pole with Phosphorescent Dot

Basic Switches: Per MIL-PRF-8805/109-04 except terminals
Toggle: Sealed per MIL-DTL-83731
Rating: 1 amp Resistive @ 28VDC
 .5 amp Inductive @ 28VDC
Operating Force: 1 to 6 lbs.
Action: Maintained
Cap/Handle: Stainless steel, painted
Housing: Polyester
Bushing: Stainless steel, black oxide finish



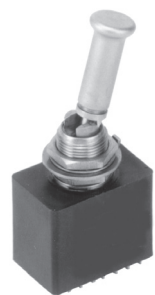
T1 Toggle with IWTS Termination

Choose an integrated wire termination system (IWTS) for ease of installation. By using a special tool, there is no need to solder. Select from a variety of bat handles. T1 base shown here.



2-Position, 8 Pole, Lever Lock

Basic Switches: Per MIL-PRF-8805/101
Enclosure: Sealed per MIL-DTL-83731
Operating Force: 6.0 lbs. max
Rating: 5 amps Resistive @ 28VDC
 1 amp Inductive @ 28VDC
 1 amp Lamp @ 28VDC
 2 amps Motor @ 28VDC
Action: Maintained
Cap, Handle: Brass, dull nickel plate
Handle: Stainless steel
T1-0436*



*Available with lever lock configuration G only.

3-Position, 8 Pole

Rating: 5 amps Resistive @ 28VDC
 2 amps Inductive @ 28VDC
Action: Maintained
Cap: Brass, dull nickel plate
Handle: Stainless steel, dull nickel plate
Housing: Thermoplastic
Bushing: In accordance with MIL-DTL-3950
T1-0423



2-Position, 3 Pole, Lever Lock

Basic Switches: Per MIL-PRF-8805/101
Enclosure: Toggle seal per MIL-DTL-83731
Operating Force: 5.0 lbs. max
Rating: 150mA Resistive @ 28VDC
Mechanical Life: 100,000 cycles
Action: Maintained-maintained
Handle: Stainless steel, dull nickel plate
Cap, Handle: Brass, dull nickel plate
Bushing & Bracket: Stainless steel
T1-0081D*



*Lever Lock configurations D, F and G available.

2-Position, 2 Pole

Basic Switch: Per MIL-PRF-8805/109 (except terminals)
Enclosure: Toggle seal per MIL-DTL-83731
Operating Force: 2 to 5 lbs. max
Rating: 1 amp Resistive @ 28VDC
 0.5 amp Inductive @ 28VDC
Action: Maintained-maintained
Bat, Handle, Bushing & Bracket: Stainless steel
T1-0051-1



3-Position, 8 Pole, "T" Lever Lock

Basic Switch: Per MIL-PRF-8805
Enclosure: Sealed per MIL-DTL-83731
Rating: 5 amps Resistive @ 28VDC
 1 amp Inductive @ 28VDC
 1 amp Lamp @ 28VDC
 2 amps Motor @ 28VDC
Action: Maintained
Bushing, Cap & Handle: Stainless steel
T1-0215*

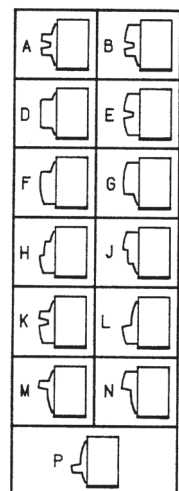


*Lever Lock configurations A thru P available.

Lever Lockout Configuration Codes

Figures A thru P are schematics to illustrate lockout configurations and momentary positions. They do not represent details of construction.

A Locked in all three positions
B Locked in Center and Keyway Side position
D Locked out of Center position
E Locked in Center position
F Locked in Opposite Keyway position
G Locked in Keyway Side position
H Locked out of Center and Keyway Side Position
J Locked out of Center and Opposite Keyway position
K Locked in Center and Opposite Keyway position
L Locked out of Keyway Side position
M Locked out of and into Opposite Keyway position
N Locked out of Opposite Keyway position
P Locked out of and into Keyway Side position



COMMERCIAL & MIL MINIATURE TOGGLES

T3
MINIATURE
TOGGLES

FEATURING OTTO'S UNIQUE SNAP-ACTION ACTUATION

These miniature toggles are rugged, highly reliable switches offering positive detent action for safe switching operation. Featuring the unique OTTO snap-action switch actuation in conjunction with a unique toggle actuator design.

High contact pressure and superior wiping action of the OTTO design makes the T3 series an excellent choice for switching loads from logic level up to 5 amps.

Choose sealed one or two pole circuitry, 15/32-32 sealed or 1/4-40 unsealed bushing construction, momentary and/or maintained operation. The 15/32-32 bushing model is also available with lever lockout toggle feature or thumb button actuators.

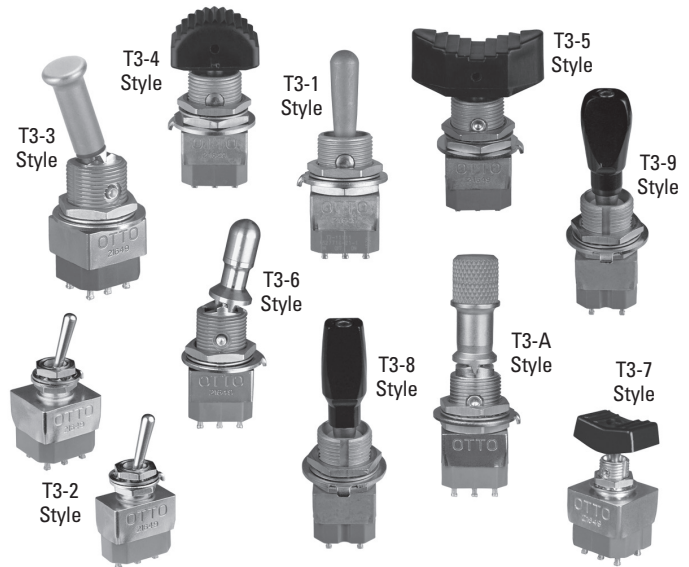
Molded-in terminals seal the contacts against moisture and solder flux wicking. The front-panel side of 15/32-32 bushing models are sealed against water and other liquids per MIL-DTL-83731.

In addition to the single turret solder terminal specified in MIL-DTL-83731, we also offer two different lengths of pins for printed circuit soldering.

Mounting hardware provided includes two hex nuts, one lockwasher and one keyway washer.

Features:

- Snap-action actuation
- Shorter behind panel depth
- Superior wiping action keeps contacts clean
- Positive tactile response prevents operating errors
- Weighs up to 25% less than competitive products
- More contact/terminal plating choices
- Highly reliable, simpler design, fewer parts
- Black matte finish available. Contact factory.
- RoHS compliant



Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC or 115VAC, 400Hz	@ 65,000 Feet
Resistive	5A	5A
Inductive	2A	2A
Lamp	1A	N/A
DWV	1200Vrms	400Vrms
Contact Resistance	25 mΩ max initial	

Electrical Life: 30,000 cycles

Mechanical Life: 100,000 cycles

Seal: MIL-DTL-83731 (15/32-32 bushing style only)

Operating Temp Range: -65°C to +85°C

MATERIALS:

Handle: 303 Stainless

Bushing: Per MIL-DTL-83731

Body: Per MIL-DTL-83731

Terminal Hardware: None required

Mounting Hardware: Hex nuts, lockwasher and keyway washer

T3 PART NUMBER CODE

Bushing Style	Terminal Style	Circuitry	Circuit Made With Lever At:			Contact Material	Lockout Feature	Button Color ②
1. 15/32-32 2. 1/4-40 3. 15/32-32 With Lockout ① 4. 15/32-32 With Convex Button ② 5. 15/32-32 With Concave Button ② 6. 15/32-32 With Lockout and Smaller Bat Handle ① 7. 1/4-40 with Rocker Button ② 8. 15/32-32 with Small Paddle Bat Handle 9. 15/32-32 with Large Paddle Bat Handle A. 15/32-32 With Lockout and Knurled Lockout Handle	1. Single Turret 4. PC Pin 0.150" lg. 5. PC Pin 0.270" lg.	1. Single Pole 2. Double Pole	1. Keyway Side 2. OFF 3. ON 4. (ON) 5. (ON) 6. (ON)	OFF NONE NONE NONE OFF OFF	Opposite Keyway ON ON ON ON (ON) ON	1. Silver/Gold Flash 2. Gold Plate	Lockout feature configuration code letters A-P for bushing styles 3, 6 and A only. Otherwise omit.	For bushing styles 4, 5 and 7 1. Red 2. Black 8. Gray Lever Color For bushing styles 1 & 2 - bat handle & bushing A. Black No Selection. Clear For bushing styles 3 & 6 - bat handle & bushing (available only in clear) No Selection. Clear For bushing styles 8 & 9 - bat handle only 1. Clear 2. Red No Selection. Black

NOTE: () denotes momentary action.

① Add appropriate lockout feature configuration code letter (A thru P) for bushing styles 3 and 6 only.

② Button color codes (1, 2 and 8) for bushing styles 4, 5 and 7 at end of Part Number.

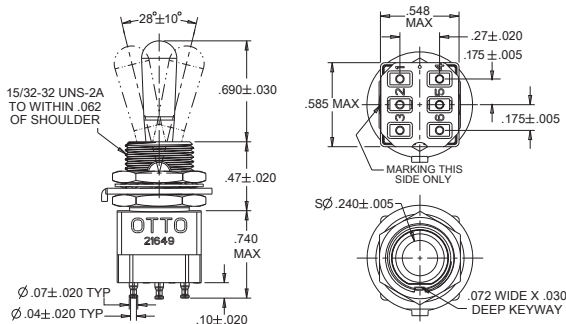
MEETS MIL-DTL-83731, COMMERCIAL & MILITARY GRADES

Circuit Made With Lever At				15/32" Bushing (Sealed)		1/4-40" Bushing (Unsealed)		Lever Lock-15/32" Bushing (Sealed)		
No. Poles	Keyway Side 1-2 4-5	Center Position	Opposite Keyway 2-3 5-6	MIL-SPEC Part Number	OTTO Part Number	MIL-SPEC Part Number	OTTO Part Number	MIL-SPEC Part Number	OTTO Part Number	Suffix for Lockout Feature
1	ON	OFF	ON	MS27718-21-1	T3-11111	MS27716-21-1	T3-21111	MS27720-21-1	T3-31111	All
1	OFF	None	ON	MS27718-22-1	T3-11121	MS27716-22-1	T3-21121	MS27720-22-1	T3-31121	D, F, G
1	ON	None	ON	MS27718-23-1	T3-11131	MS27716-23-1	T3-21131	MS27720-23-1	T3-31131	D, F, G
1	(ON)	None	ON	MS27718-26-1	T3-11141	MS27716-26-1	T3-21141	MS27720-26-1	T3-31141	F
1	(ON)	OFF	(ON)	MS27718-27-1	T3-11151	MS27716-27-1	T3-21151	MS27720-27-1	T3-31151	E, L, N
1	(ON)	OFF	ON	MS27718-31-1	T3-11161	MS27716-31-1	T3-21161	MS27720-31-1	T3-31161	E, F, K, L, M, N
2	ON	OFF	ON	MS27719-21-1	T3-11211	MS27717-21-1	T3-21211	MS27721-21-1	T3-31211	All
2	OFF	None	ON	MS27719-22-1	T3-11221	MS27717-22-1	T3-21221	MS27721-22-1	T3-31221	D, F, G
2	ON	None	ON	MS27719-23-1	T3-11231	MS27717-23-1	T3-21231	MS27721-23-1	T3-31231	D, F, G
2	(ON)	None	ON	MS27719-26-1	T3-11241	MS27717-26-1	T3-21241	MS27721-26-1	T3-31241	F
2	(ON)	OFF	(ON)	MS27719-27-1	T3-11251	MS27717-27-1	T3-21251	MS27721-27-1	T3-31251	E, L, N
2	(ON)	OFF	ON	MS27719-31-1	T3-11261	MS27717-31-1	T3-21261	MS27721-31-1	T3-31261	E, F, K, L, M, N

NOTE: () denotes momentary action.

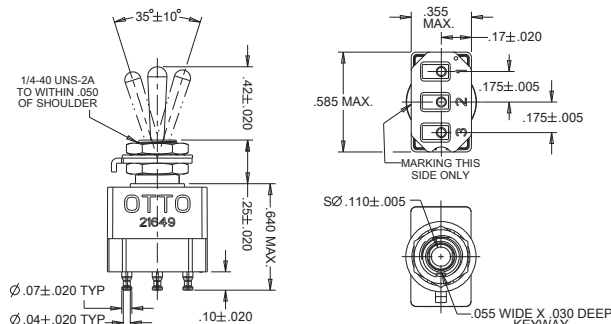
T3-1 Standard Toggle, 15/32-32 Bushing

Sealed front panel construction.



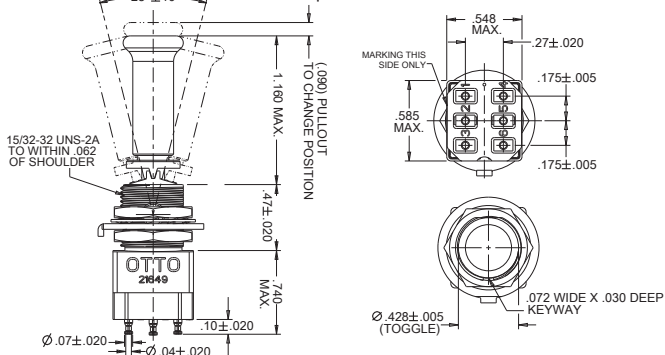
T3-2 Standard Toggle, 1/4-40 Bushing

Unsealed front panel construction. Optional front panel seal P/N C700223.



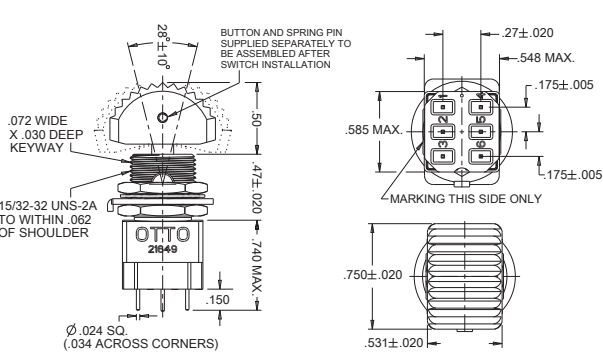
T3-3 Standard Toggle with Lockout, 15/32-32 Bushing

Sealed front panel construction.



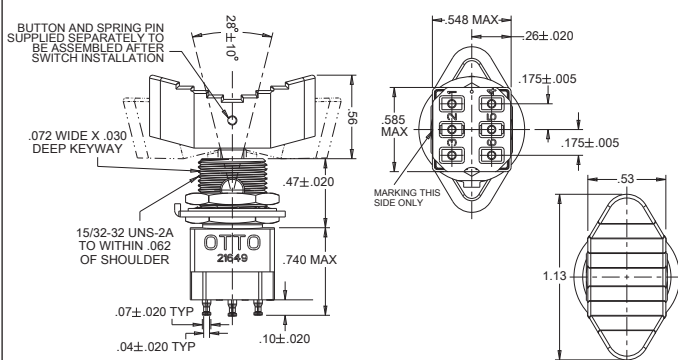
T3-4 Standard Toggle with Convex Button, 15/32-32 Bushing

Sealed front panel construction.



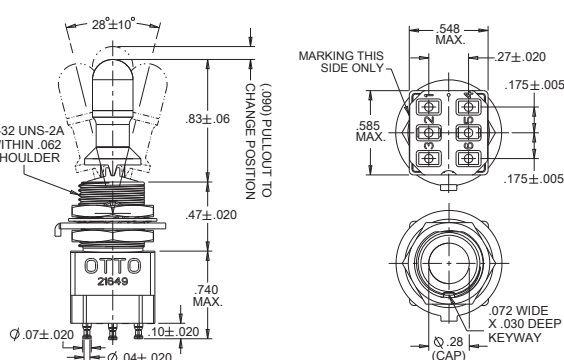
T3-5 Standard Toggle with Concave Button, 15/32-32 Bushing

Sealed front panel construction.



T3-6 Toggle with Lockout and Smaller Bat Handle, 15/32-32 Bushing

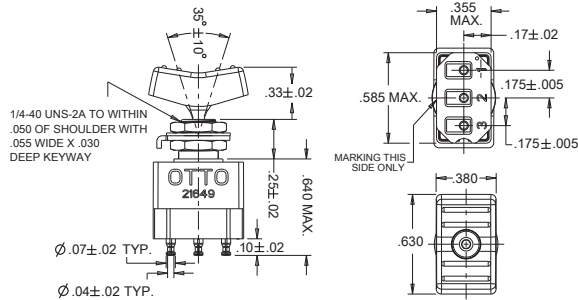
Sealed front panel construction.



FEATURING OTTO'S UNIQUE SNAP-ACTION ACTUATION

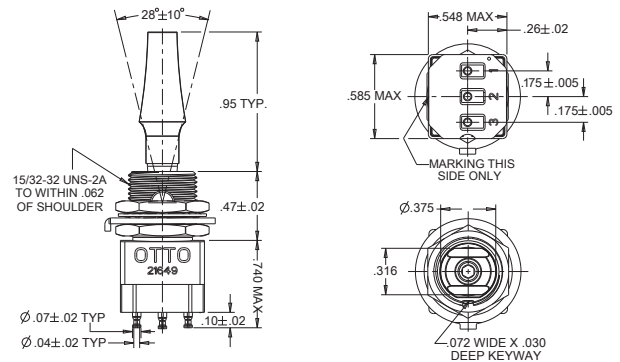
T3-7 Standard Toggle with Rocker Button, 1/4-40 Bushing

Unsealed front panel construction. Optional front panel seal P/N C700223.



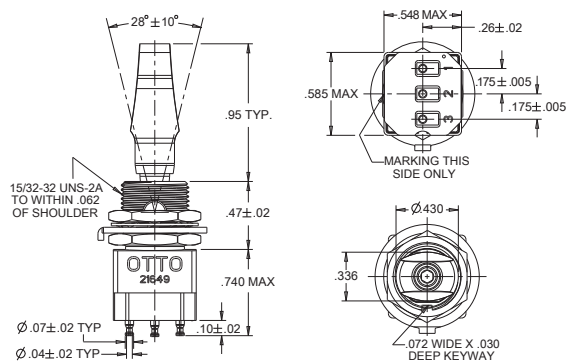
T3-8 Small Paddle Bat Handle Toggle, 15/32-32 Bushing

Sealed front panel construction.



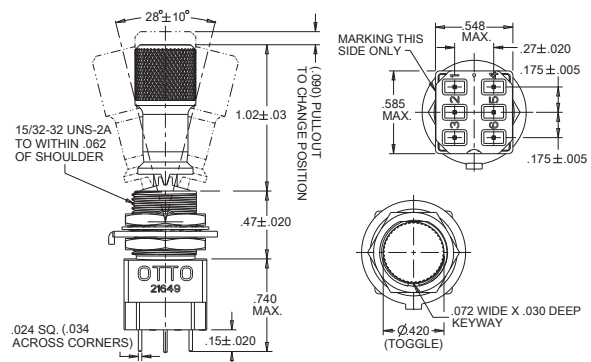
T3-9 Large Paddle Bat Handle Toggle, 15/32-32 Bushing

Sealed front panel construction.

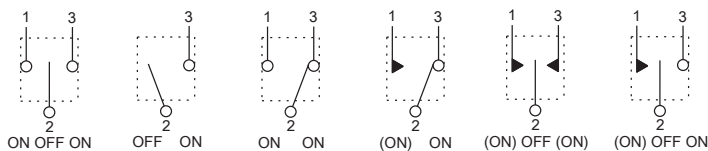


T3-A Standard Toggle, 1/4-40 Bushing

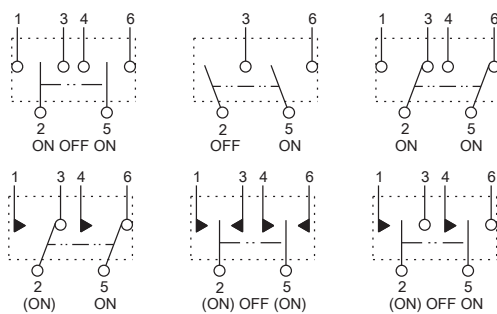
Unsealed front panel construction. Optional front panel seal P/N C700223.



SINGLE POLE SCHEMATICS



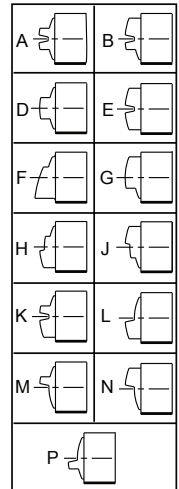
DOUBLE POLE SCHEMATICS



Lever Lockout Configuration Codes

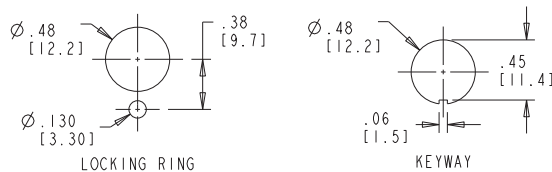
Figures A thru P are schematics to illustrate lockout configurations and momentary positions. They do not represent details of construction.

- A** Locked in all three positions
- B** Locked in Center and Keyway Side position
- D** Locked out of Center position
- E** Locked in Center position
- F** Locked in Opposite Keyway position
- G** Locked in Keyway Side position
- H** Locked out of Center and Keyway Side Position
- J** Locked out of Center and Opposite Keyway position
- K** Locked in Center and Opposite Keyway position
- L** Locked out of Keyway Side position
- M** Locked out of and into Opposite Keyway position
- N** Locked out of Opposite Keyway position
- P** Locked out of and into Keyway Side position

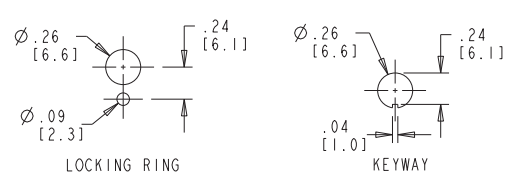


TOGGLE SWITCH MOUNTING DIMENSIONS (FOR REFERENCE ONLY)

MOUNTING DETAIL FOR 15/32" DIA. BUSHING SWITCHES



MOUNTING DETAIL FOR 1/4" DIA. BUSHING SWITCHES

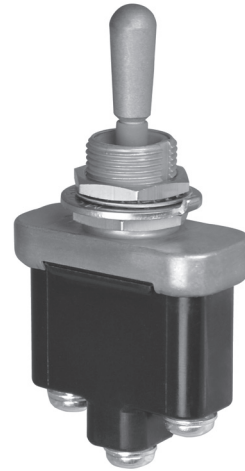


ENVIRONMENTALLY SEALED TOGGLE

The T9 Toggle Switch is an ideal switch for demanding applications. Qualified to MIL-DTL-3950, this high performance switch is a logical choice for use in environments where sealing and resistance to shock and vibration are required. The T9 is particularly suitable for applications in military, off-highway, aviation, commercial and industrial equipment. This compact, environmentally sealed switch is available in single and double pole configurations with a lever lockout option. Circuitry configurations include two or three positions with many combinations of OFF-ON in momentary and maintained action including ON-ON-ON.

Features:

- **Qualified to MIL-DTL-3950**
- **Commercial version is sealed per IP68S**
- **Lever lockout option available**
- **Maintained & momentary toggle action**
- **Optional panel seal**
- **RoHS compliant**
- **Black matte finish available. Contact factory.**



Standard Characteristics/Ratings:

ELECTRICAL RATINGS: See Product Family Table

Electrical Life: 20,000 cycles

Mechanical Life: 40,000 cycles

Seal: IP68S and per MIL-DTL-3950

Operating Temp Range: -65°C to +71°C

MATERIALS:

Toggle: Stainless steel, passivated

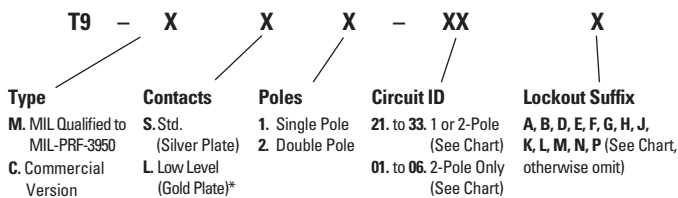
Bushing & Cover: Aluminum, clear anodized or zinc alloy

Case: Thermoset plastic

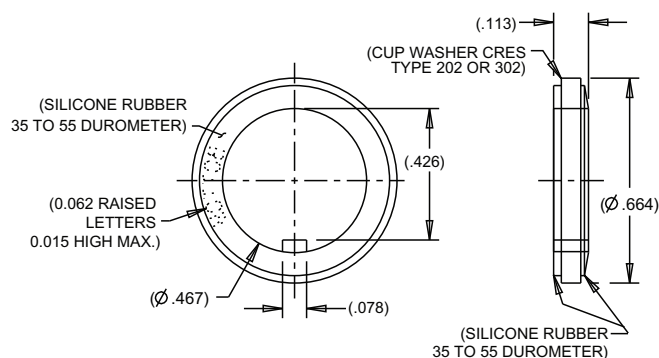
Terminal Hardware: Included

Mounting Hardware: Hardware is not installed on switches.
Hex nuts, MS35333-136 lockwasher, MS25081-C4 keyway washer, 0.138-32 UNC-2A screw with lockwasher (as required).

T9 PART NUMBER CODE



* Available in commercial only.

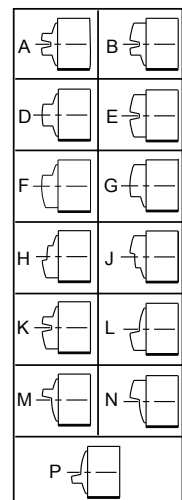


Optional Panel Seal P/N C710196, MIL-DTL- 5423/16

Lever Lockout Configuration Codes

Figures A thru P are schematics to illustrate lockout configurations and momentary positions. They do not represent details of construction.

- A** Locked in all three positions
- B** Locked in Center and Keyway Side position
- D** Locked out of Center position
- E** Locked in Center position
- F** Locked in Opposite Keyway position
- G** Locked in Keyway Side position
- H** Locked out of Center and Keyway Side Position
- J** Locked out of Center and Opposite Keyway position
- K** Locked in Center and Opposite Keyway position
- L** Locked out of Keyway Side position
- M** Locked out of and into Opposite Keyway position
- N** Locked out of Opposite Keyway position
- P** Locked out of and into Keyway Side position

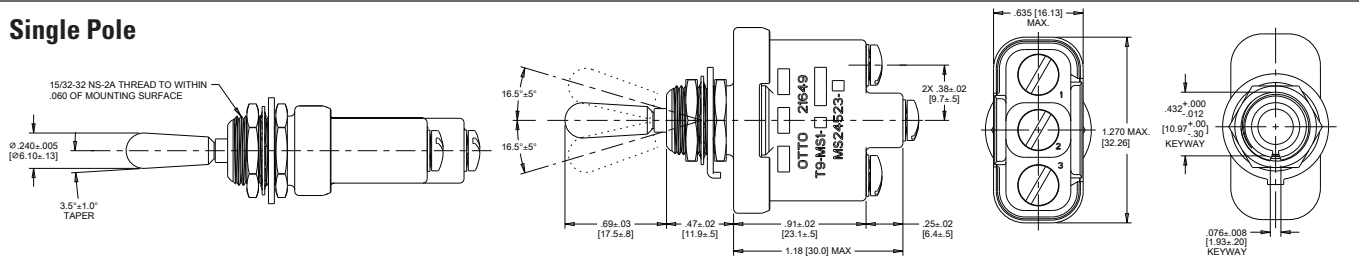


COMMERCIAL & MIL TOGGLE SWITCHES

T9
TOGGLES

PRODUCT FAMILY TABLE

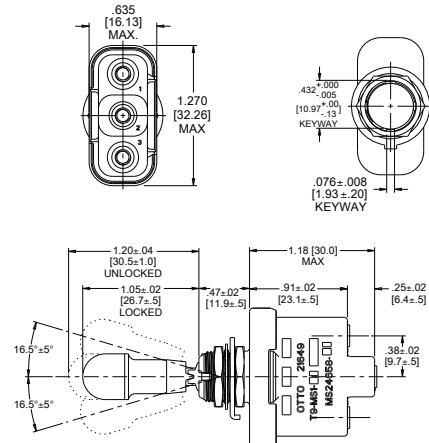
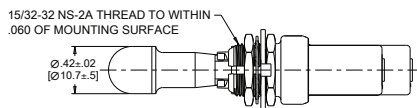
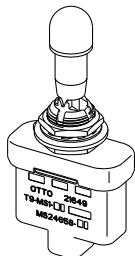
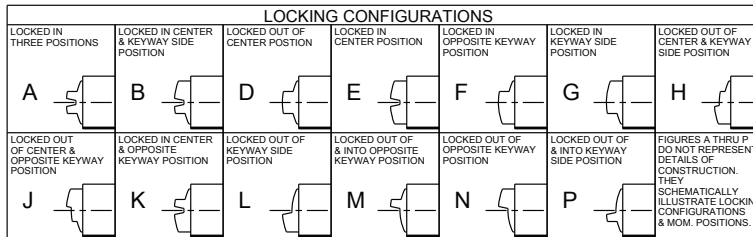
Single Pole



Low level 10mA @ 30mV

OTTO PART NO.	MILITARY NO.	CIRCUIT BY TOGGLE LEVER POSITION			SWITCH POSITION MARKING	ELECTRICAL RATINGS - SEA LEVEL & 65,000 FT					
		KEYWAY 1-2	CENTER	OPP. KEYWAY 2-3		28 VDC			115 VAC		
						LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS1-21	MS24523-21	ON	OFF	ON	ON OFF ON	5	20	15	3	15	10
T9-MS1-22	MS24523-22	OFF	NONE	ON	OFF ON						
T9-MS1-23	MS24523-23	ON	NONE	ON	ON ON						
T9-MS1-24	MS24523-24	NONE	OFF	ON	OFF ON						
T9-MS1-25	MS24523-25	NONE	MOM OFF	ON	OFF ON						
T9-MS1-26	MS24523-26	MOM ON	NONE	ON	ON ON	4	15	10	2	15	7
T9-MS1-27	MS24523-27	MOM ON	OFF	MOM ON	ON OFF ON						
T9-MS1-28	MS24523-28	MOM ON	OFF	NONE	ON OFF						
T9-MS1-29	MS24523-29	MOM OFF	NONE	ON	OFF ON						
T9-MS1-30	MS24523-30	MOM ON	NONE	OFF	ON OFF						
T9-MS1-31	MS24523-31	MOM ON	OFF	ON	ON OFF ON						
OTTO PART NO.	MILITARY NO.	KEYWAY	CENTER 1-2	OPP. KEYWAY 2-3	SWITCH POSITION MARKING	28 VDC			115 VAC		
						LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS1-32	MS24523-32	NONE	ON	MOM ON	ON ON	4	15	10	2	15	7
T9-MS1-33	MS24523-33	NONE	ON	ON	ON ON	5	20	15	3	15	10

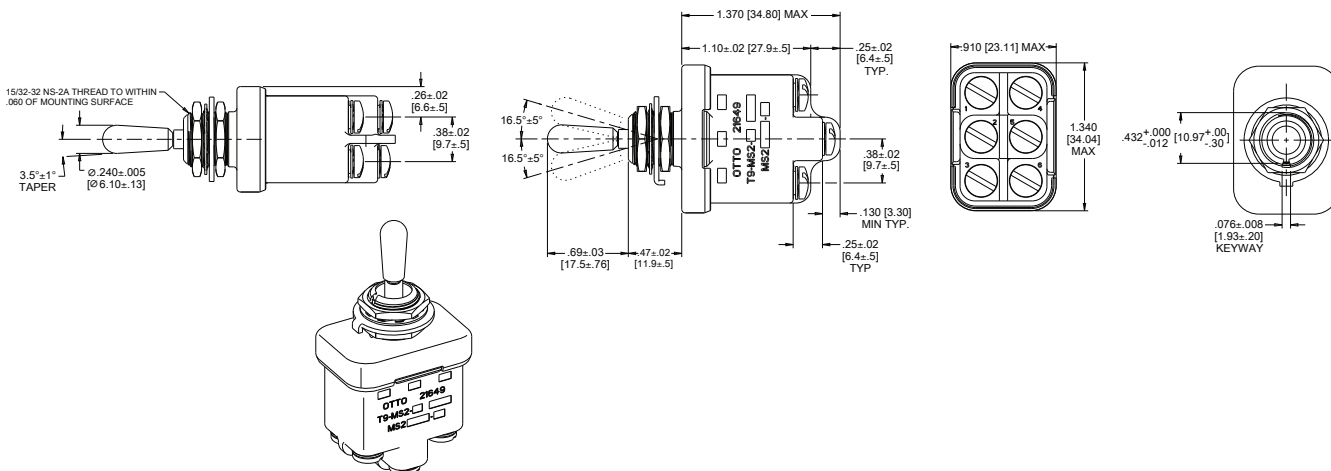
Lever/Lock Single Pole



OTTO BASE PART NO.	MILITARY NO.	DASH NO.	AVAILABLE LOCKOUTS (SEE CHART)	CIRCUIT BY TOGGLE LEVER POSITION			SWITCH POSITION MARKING	ELECTRICAL RATINGS - SEA LEVEL & 65,000 FT					
				KEYWAY 1-2	CENTER	OPP. KEYWAY 2-3		28 VDC			115 VAC		
								LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS1-	MS24658-	21	ALL	ON	OFF	ON	ON OFF ON	5	20	15	3	15	10
		22	D F G	OFF	NONE	ON	OFF ON						
		23	D F G	ON	NONE	ON	ON ON						
		24	E F K M	NONE	OFF	ON	OFF ON						
		25	F	NONE	OFF (M)	ON	OFF ON						
		26	F	MOM ON	NONE	ON	ON ON	4	15	10	2	15	7
		27	E L N	MOM ON	OFF	MOM ON	ON OFF ON						
		28	E	MOM ON	OFF	NONE	ON OFF						
		29	F	MOM OFF	NONE	ON	OFF ON						
		30	F	MOM ON	NONE	OFF	ON OFF						
		31	E F K L M N	MOM ON	OFF	ON	ON OFF ON						
OTTO BASE NO.	MILITARY NO.	DASH NO.	AVAILABLE LOCKOUT	KEYWAY	CENTER 1-2	OPP. KEYWAY 2-3	SWITCH POSITION MARKING	28 VDC			115 VAC		
T9-MS1-	MS24658-	32	E	NONE	ON	MOM ON	ON ON	4	15	10	2	15	7
		33	E F K M	NONE	ON	ON	ON ON	5	20	15	3	15	10

PRODUCT FAMILY TABLE

Double Pole



Low level 10mA @ 30mV

OTTO BASE PART NO.	MILITARY STANDARD	DASH NO.	CIRCUIT CONFIGURATION			SWITCH POSITION MARKING	ELECTRICAL RATINGS - SEA LEVEL & 65,000 FT					
			KEYWAY 1-2 / 4-5	CENTER	OPP. KEYWAY 2-3 / 5-6		28 VDC			115 VAC, 60Hz & 400Hz		
							LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS2-	MS24524-	21	ON	OFF	ON	ON OFF ON	7	20	15	4	15	15
		22	OFF	NONE	ON	OFF ON						
		23	ON	NONE	ON	ON ON						
		24	NONE	OFF	ON	OFF ON						
		25	NONE	MOM OFF	ON	OFF ON						
		26	MOM ON	NONE	ON	ON ON	5	18	10	2	11	8
		27	MOM ON	OFF	MOM ON	ON OFF ON						
		28	MOM ON	OFF	NONE	ON OFF						
		29	MOM OFF	NONE	ON	OFF ON						
		30	MOM ON	NONE	OFF	ON OFF						
31	MOM ON	OFF	ON	ON OFF ON								
OTTO BASE PART NO.	MILITARY STANDARD	DASH NO.	KEYWAY	CENTER 1-2 / 4-5	OPP. KEYWAY 2-3 / 5-6	SWITCH POSITION MARKING	28 VDC			115 VAC		
							LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS2-	MS24524-	32	NONE	ON	MOM ON	ON ON	5	18	10	2	11	8
		33	NONE	ON	ON	ON ON	7	20	15	4	15	15
OTTO PART NO.	MILITARY STANDARD	DASH NO.	KEYWAY	CENTER	OPPOSITE KEYWAY	SWITCH POSITION MARKING	28 VDC			115 VAC, 60Hz & 400Hz		
							LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS2-01	MS27407-	1	1-2 ON 4-5	2-3 ON 4-5	2-3 ON 5-6	ON ON ON	7	20	15	4	15	15
T9-MS2-02		2	MOM. 1-2 ON 4-5	2-3 ON 4-5	2-3 ON 5-6	ON ON ON	5	18	10	2	11	8
T9-MS2-03		3	MOM. 1-2 ON 4-5	2-3 ON 4-5	MOM. 2-3 ON 5-6	ON ON ON						
T9-MS2-04		4	1-2 ON 4-5	1-2 ON 5-6	2-3 ON 5-6	ON ON ON	7	20	15	4	15	15
T9-MS2-05		5	MOM. 1-2 ON 4-5	1-2 ON 5-6	2-3 ON 5-6	ON ON ON	5	18	10	2	11	8
T9-MS2-06		6	MOM. 1-2 ON 4-5	1-2 ON 5-6	MOM. 2-3 ON 5-6	ON ON ON						

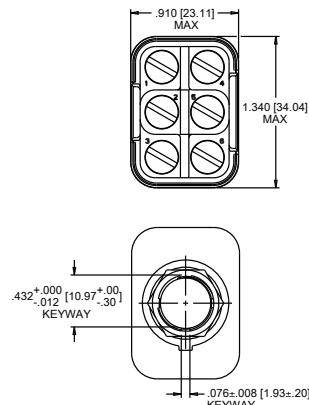
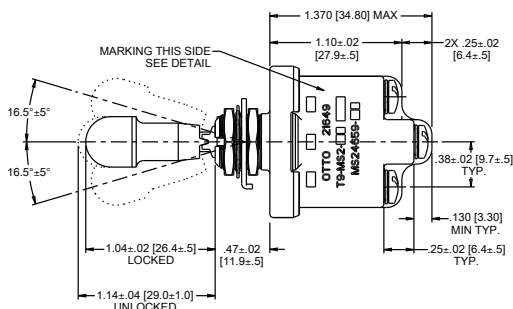
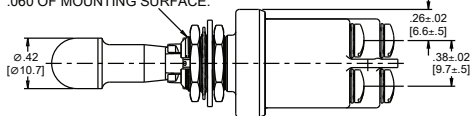
COMMERCIAL & MIL TOGGLE SWITCHES

T9
TOGGLES

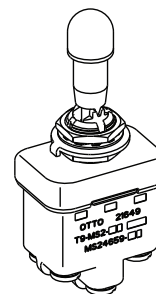
PRODUCT FAMILY TABLE

Lever/Lock Double Pole

15/32-32 NS-2A THREAD TO WITHIN
.060 OF MOUNTING SURFACE.



LOCKING CONFIGURATIONS						
LOCKED IN THREE POSITIONS	LOCKED IN CENTER & KEYWAY SIDE POSITION	LOCKED OUT OF CENTER POSITION	LOCKED IN CENTER POSITION	LOCKED IN OPPOSITE KEYWAY POSITION	LOCKED IN KEYWAY SIDE POSITION	LOCKED OUT OF CENTER & KEYWAY SIDE POSITION
A	B	D	E	F	G	H
LOCKED OUT OF CENTER & OPPOSITE KEYWAY POSITION	LOCKED IN CENTER & OPPOSITE KEYWAY POSITION	LOCKED OUT OF KEYWAY SIDE POSITION	LOCKED OUT OF & INTO OPPOSITE KEYWAY POSITION	LOCKED OUT OF OPPOSITE KEYWAY POSITION	LOCKED OUT OF & INTO KEYWAY SIDE POSITION	FIGURES A THRU P DO NOT REPRESENT DETAILS OF CONSTRUCTION. THEY SCHEMATICALLY ILLUSTRATE LOCKING CONFIGURATIONS & MOM. POSITIONS.
J	K	L	M	N	P	



OTTO BASE PART NO.	MILITARY STANDARD	DASH NO.	AVAILABLE LOCKOUTS (SEE CHART)	CIRCUIT CONFIGURATION			SWITCH POSITION MARKING	ELECTRICAL RATINGS - SEA LEVEL & 65,000 FT					
				KEYWAY 1-2 / 4-5	CENTER	OPP. KEYWAY 2-3 / 5-6		28 VDC			115 VAC, 60Hz & 400Hz		
								LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS2-	MS24659-	21	ALL	ON	OFF	ON	ON OFF ON	7	20	15	4	15	15
		22	D,F,G	OFF	NONE	ON	OFF ON						
		23	D,F,G	ON	NONE	ON	ON ON						
		24	E,F,K,M	NONE	OFF	ON	OFF ON						
		25	F	NONE	MOM OFF	ON	OFF ON	5	18	10	2	11	8
		26	F	MOM ON	NONE	ON	ON ON						
		27	E,L,N	MOM ON	OFF	MOM ON	ON OFF ON						
		28	E	MOM ON	OFF	NONE	ON OFF						
		29	F	MOM OFF	NONE	ON	OFF ON						
		30	F	MOM ON	NONE	OFF	ON OFF						
		31	E,F,K,L,M,N	MOM ON	OFF	ON	ON OFF ON						
OTTO BASE PART NO.	MILITARY STANDARD	DASH NO.	AVAILABLE LOCKOUT	KEYWAY 1-2 / 4-5	CENTER 1-2 / 4-5	OPP. KEYWAY 2-3 / 5-6	SWITCH POSITION MARKING	28 VDC			115 VAC		
T9-MS2-	MS24659-	32	E	NONE	ON	MOM ON	ON ON	5	18	10	2	11	8
		33	E,F,K,M	NONE	ON	ON	ON ON	7	20	15	4	15	15

Designed for Tight Spaces and Severe Conditions

The T71 toggle is ~35 percent narrower than OTTO's T7 toggle making it a great alternative for use in rugged, high-demanding applications where space is limited.

Sealed to both IP68S and IP69K, the thin T71 series is available in single pole single throw (SPST) and single pole double throw (SPDT) configurations. High contact pressure and superior contact wiping action of the OTTO design makes the T71 an excellent choice for switching loads from logic level up to 16 amps. These toggles feature positive detent action for safe switching operation. In conjunction with the unique OTTO snap-action switch mechanism, the T71 offers non-teasible contact transfer.

Designed for tight spaces in control panels and grips, the T71 can be used under severe conditions found in heavy equipment, industrial control, marine and appliance applications.

T71 Features:

- Thin version of OTTO's T7 toggle
- Single pole only
- Sealed to IP68S and IP69K
- Switches logic level up to 16 amps
- Withstands extreme shock & vibration
- Positive detent, non-teasible contact transfer
- 2 & 3 position, momentary & maintained action
- Choice of terminal styles
- RoHS/WEEE compliant
- Black matte finish available (contact factory)



Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC or 125VAC	Cycles
Resistive	16A	25,000
Resistive	10A	50,000
Inductive	7A	25,000
DWV	1000Vrms	N/A
Logic Level	10-100 mA @ 3-28VDC Resistive for 50,000 cycles	

Electrical Life: See Rating Chart

Mechanical Life: 100,000 cycles

Seal: IP68S and IP69K

Operating Temp Range: -30°C to +85°C

MATERIALS:

Case: Thermoplastic

Bushing: Anodized aluminum alloy

Toggle: Stainless steel

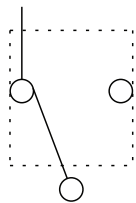
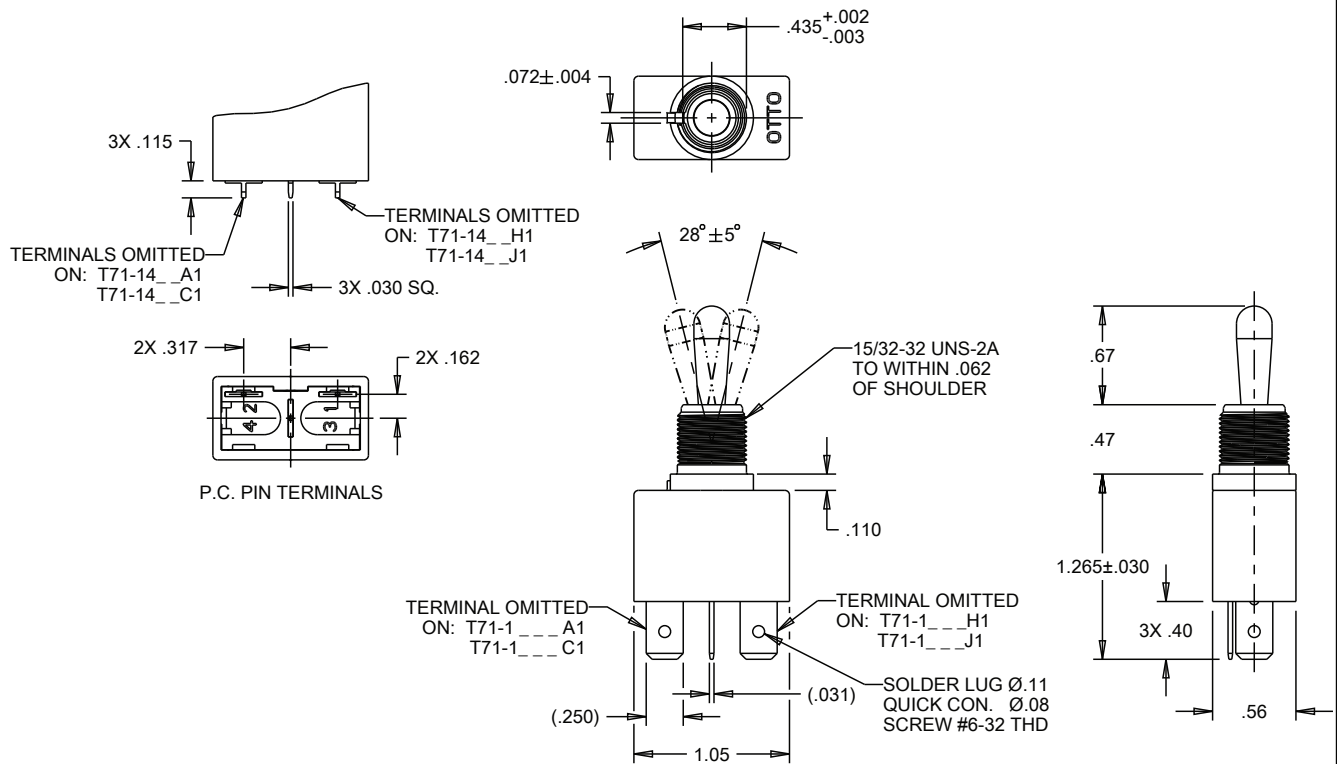
Contacts: Fine silver/silver cadmium oxide

Logic Level Contacts: Gold over silver

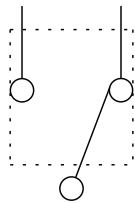
Mounting Hardware: Hex nuts, lockwasher, keyway washer

T71 –

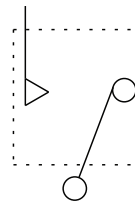
Circuitry X	Terminator Style X	Contact Rating X	Circuit Made With Actuator at X	Toggle Style X	Not Used *
1. 1 Pole	1. .250" Q.C. 2. Screw 3. Solder 4. PC Pin (consult factory)	1. Std. 2. Logic Level	Keyway Center Side Opposite Keyway Circuit A. ON NONE OFF SPST B. ON NONE ON SPDT C. (ON) NONE OFF SPST D. (ON) NONE ON SPDT E. (ON) OFF (ON) SPDT F. ON OFF ON SPDT G. (ON) OFF ON SPDT H. OFF NONE ON SPST J. OFF NONE (ON) SPST K. ON OFF (ON) SPDT	1. Bat Handle	Leave Blank
NOTE: () denotes momentary action.					



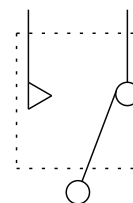
ON OFF



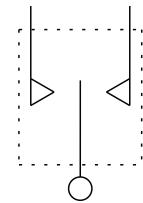
ON ON



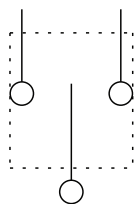
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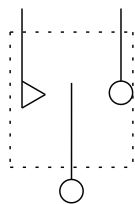
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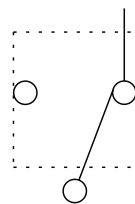
(ON) OFF (ON)



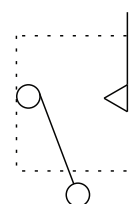
ON OFF ON



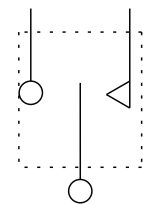
(ON) OFF ON



OFF ON



OFF (ON)



ON OFF (ON)

SEALED TOGGLE SWITCHES

T71
SEALED
TOGGLES

NARROW SINGLE POLE TOGGLE FOR USE WHERE SPACE IS LIMITED

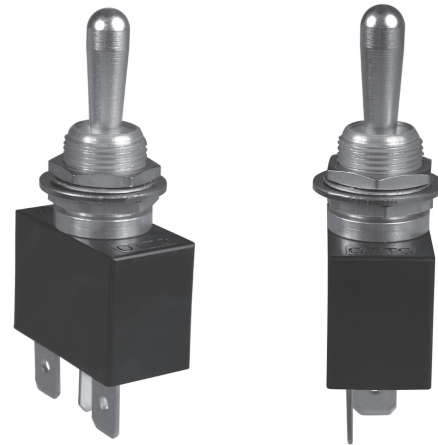
The T71 toggle is ~35 percent narrower than OTTO's T7 toggle making it a great alternative for use in rugged, high-demanding applications where space is limited.

Sealed to both IP68S and IP69K, the thinner T71 series is available in single pole single throw (SPST) and single pole double throw (SPDT) configurations. High contact pressure and superior contact wiping action of the OTTO design makes the T71 an excellent choice for switching loads from logic level up to 16 amps. These toggles feature positive detent action for safe switching operation. In conjunction with the unique OTTO snap-action switch mechanism, the T71 offers non-teasible contact transfer.

Designed for tight spaces in control panels and grips, the T71 can be used under severe conditions found in heavy equipment, industrial control, marine and appliance applications.

Features:

- Thin version of OTTO's T7 toggle
- Single pole only
- Sealed to IP68S and IP69K
- Switches logic level up to 16 amps
- Withstands extreme shock & vibration
- Positive detent, non-teasible contact transfer
- 2 & 3 position, momentary & maintained action
- Choice of terminal styles
- RoHS compliant
- Black matte finish available (contact factory)



Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC	Sea Level @ 125VAC 60/400 Hz	Cycles
Resistive	16A	5A	25,000
Resistive	10A	N/A	50,000
Inductive	7A	2A	25,000
DWV	1000Vrms	1000Vrms	1000Vrms
Logic Level	10mA @ 5VDC	N/A	50,000
Electrical Life:	See Rating Chart		
Mechanical Life:	100,000 cycles		
Seal:	IP68S and IP69K		
Operating Temp Range:	-30°C to +85°C		
MATERIALS:			
Case:	Thermoplastic		
Bushing:	Anodized aluminum alloy		
Toggle:	Stainless steel		
Contacts:	Fine silver/silver cadmium oxide		
Logic Level Contacts:	Gold over silver		
Mounting Hardware:	Hex nuts, lockwasher, keyway washer		

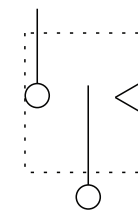
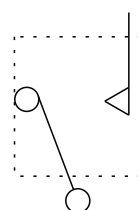
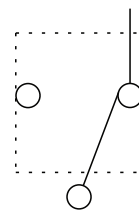
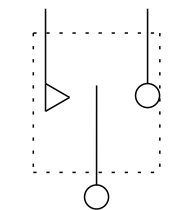
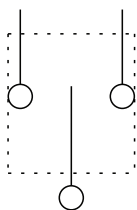
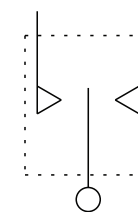
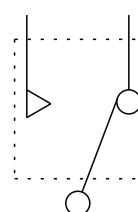
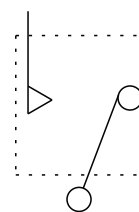
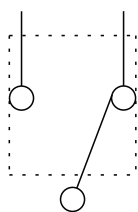
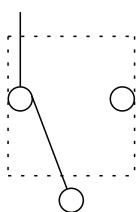
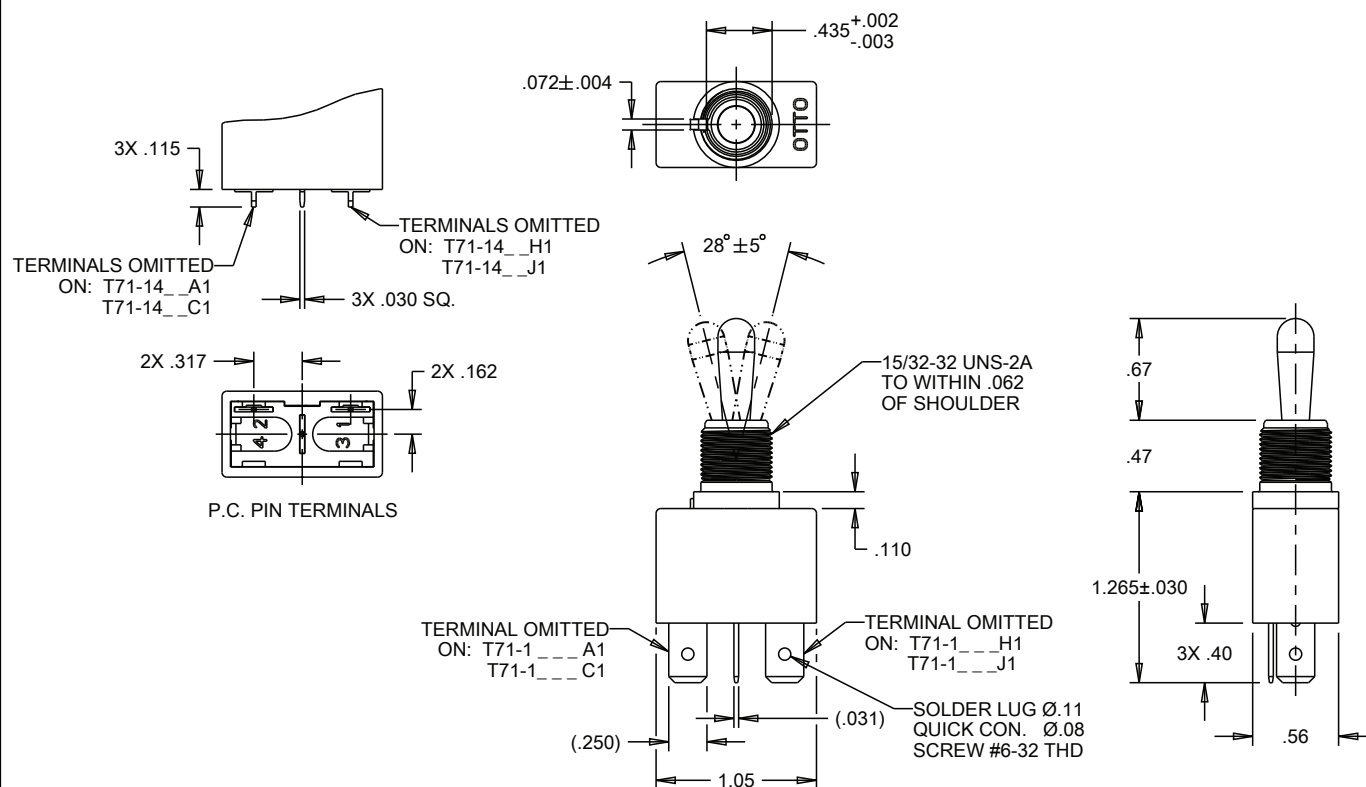
T71 PART NUMBER CODE

Circuitry	Terminal Style	Contact Rating	Circuit Made With Toggle At:				Toggle Style	Not Used
1. 1 Pole	1. .250" Q.C. 2. Screw 3. Solder 4. PC Pin (consult factory)	1. Std. 2. Logic Level	Keyway Side	Center	Opposite Keyway	Circuit	1. Bat Handle	Leave Blank
			A. ON	NONE	OFF	SPST		
			B. ON	NONE	ON	SPDT		
			C. (ON)	NONE	OFF	SPST		
			D. (ON)	NONE	ON	SPDT		
			E. (ON)	OFF	(ON)	SPDT		
			F. ON	OFF	ON	SPDT		
			G. (ON)	OFF	ON	SPDT		
			H. OFF	NONE	ON	SPST		
			J. OFF	NONE	(ON)	SPST		
			K. ON	OFF	(ON)	SPDT		

T71 Connector
P/N C405041-XXXXXX

NOTE: () denotes momentary action.

DESIGNED FOR TIGHT SPACES AND SEVERE CONDITIONS



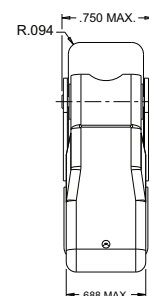
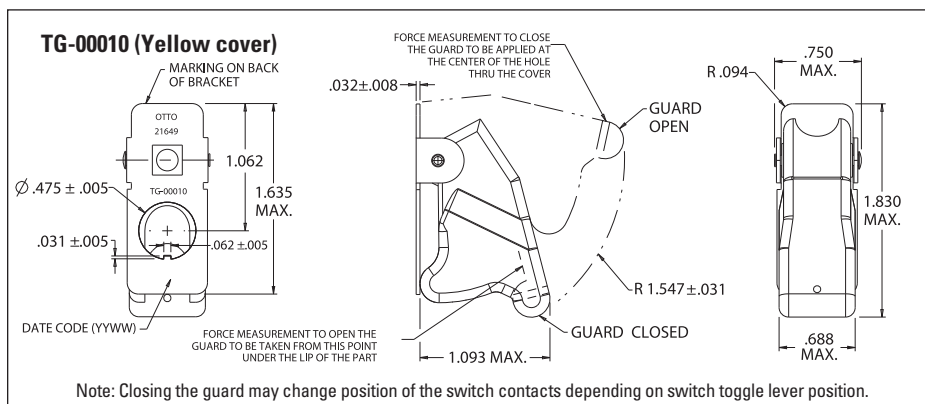
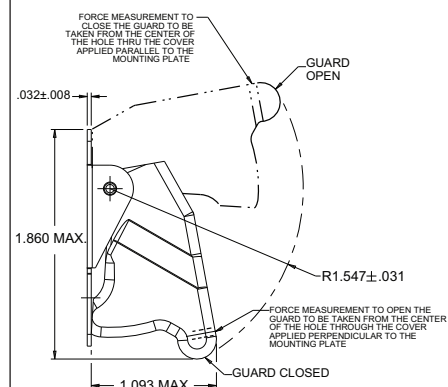
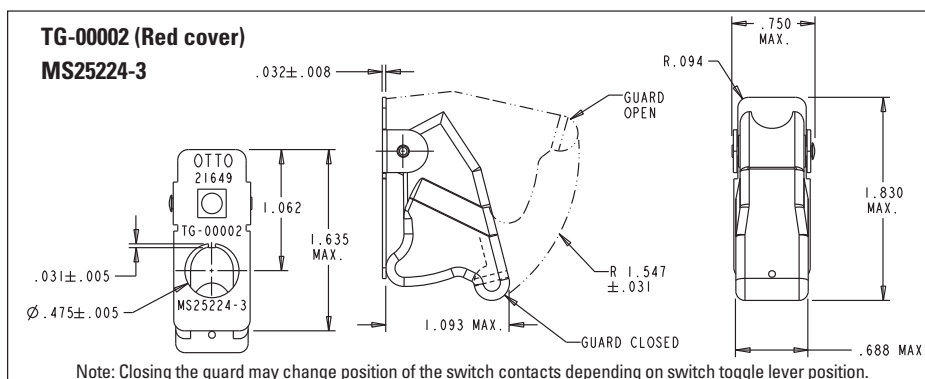
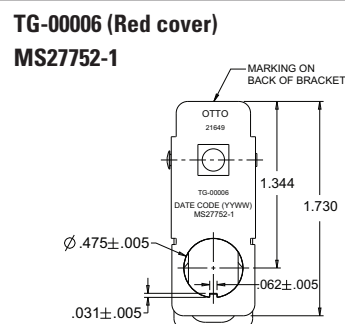
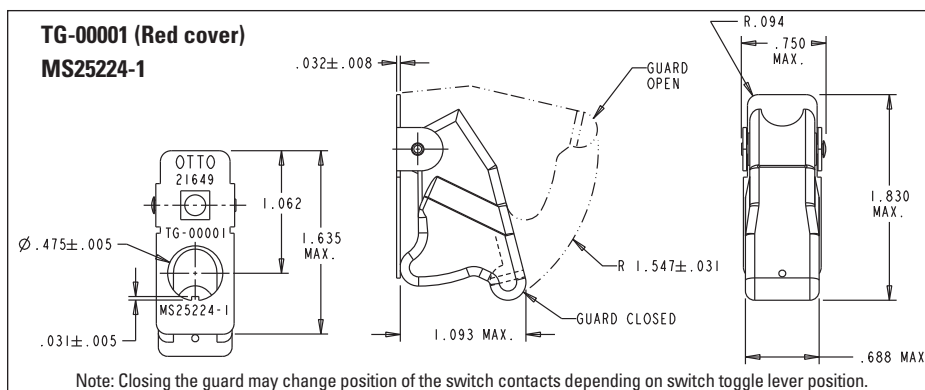
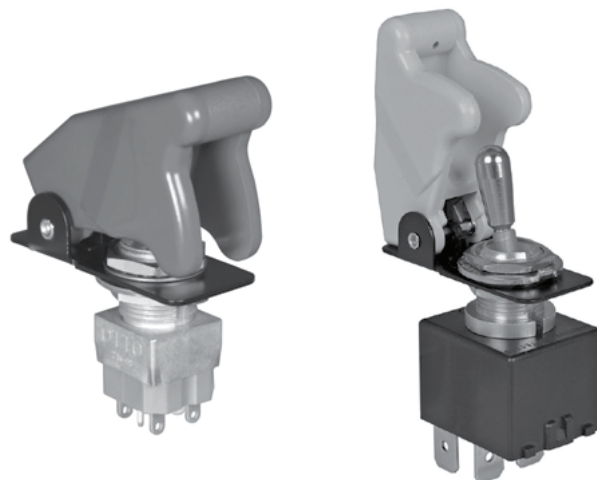
TG SERIES

The TG series toggle guards are offered for 2 and 3-position switches with 15/32-32 threaded bushings and slotted or flat keyways. All models feature spring loaded covers that lock in either the open or closed positions. In the open position the switch actuator operates on all positions freely, in the closed position, the switch actuator is locked in the desired position.

The toggle guard is easily installed on the switch from the front panel with two mounting hex nuts and may be used with an optional panel seal provided with each switch.

Features:

- MS approved & QPL'd choices
- Molded plastic cover - multiple color choices
- Bracket: Black painted steel



Note: Opening or closing the guard shall not change position of the switch contacts.