

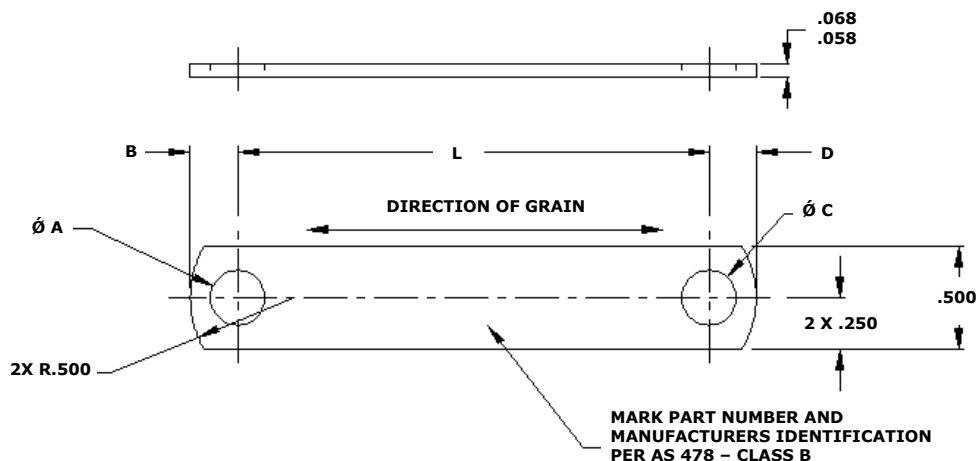


TABLE 1 - BOLT SIZES AND DIMENSIONS

PART NUMBER	NOMINAL BOLT SIZE	A DIAMETER	B	C DIAMETER	D
MS9551-004 THRU -045	.190 X .190	.200-.210	.195-.205	.200-.210	.195-.205
MS9551-105 THRU -145	.190 X .250	.200-.210	.195-.205	.260-.270	.225-.235
MS9551-206 THRU -245	.250 X .250	.260-.270	.225-.235	.260-.270	.225-.235

TABLE 2 - PART NUMBERS AND DIMENSIONS

L LENGTH	.190 x .190 PART NUMBER	.190 x .250 PART NUMBER	.250 x .250 PART NUMBER
0.625	MS9551-004		
0.688	MS9551-005	MS9551-105	
0.750	MS9551-006	MS9551-106	MS9551-206
0.812	MS9551-007	MS9551-107	MS9551-207
0.875	MS9551-008	MS9551-108	MS9551-208
0.938	MS9551-009	MS9551-109	MS9551-209
1.000	MS9551-010	MS9551-110	MS9551-210
1.062	MS9551-011	MS9551-111	MS9551-211
1.125	MS9551-012	MS9551-112	MS9551-212
1.188	MS9551-013	MS9551-113	MS9551-213
1.250	MS9551-014	MS9551-114	MS9551-214
1.312	MS9551-015	MS9551-115	MS9551-215
1.375	MS9551-016	MS9551-116	MS9551-216
1.438	MS9551-017	MS9551-117	MS9551-217
1.500	MS9551-018	MS9551-118	MS9551-218
1.562	MS9551-019	MS9551-119	MS9551-219
1.625	MS9551-020	MS9551-120	MS9551-220
1.688	MS9551-021	MS9551-121	MS9551-221
1.750	MS9551-022	MS9551-122	MS9551-222
1.812	MS9551-023	MS9551-123	MS9551-223
1.875	MS9551-024	MS9551-124	MS9551-224
1.938	MS9551-025	MS9551-125	MS9551-225
2.000	MS9551-026	MS9551-126	MS9551-226
2.062	MS9551-027	MS9551-127	MS9551-227
2.125	MS9551-028	MS9551-128	MS9551-228
2.188	MS9551-029	MS9551-129	MS9551-229
2.250	MS9551-030	MS9551-130	MS9551-230
2.312	MS9551-031	MS9551-131	MS9551-231
2.375	MS9551-032	MS9551-132	MS9551-232
2.438	MS9551-033	MS9551-133	MS9551-233
2.500	MS9551-034	MS9551-134	MS9551-234
2.562	MS9551-035	MS9551-135	MS9551-235
2.625	MS9551-036	MS9551-136	MS9551-236
2.688	MS9551-037	MS9551-137	MS9551-237
2.750	MS9551-038	MS9551-138	MS9551-238
2.812	MS9551-039	MS9551-139	MS9551-239
2.875	MS9551-040	MS9551-140	MS9551-240
2.938	MS9551-041	MS9551-141	MS9551-241
3.000	MS9551-042	MS9551-142	MS9551-242
3.062	MS9551-043	MS9551-143	MS9551-243
3.125	MS9551-044	MS9551-144	MS9551-244
3.188	MS9551-045	MS9551-145	MS9551-245

REQUIREMENTS:

1. MATERIAL: STEEL AMS 6350. HARDEN (OIL QUENCH) AND TEMPER TO ROCKWELL 32-38 HRC PER ASTM E18.
2. FINISH: CADMIUM PLATE PER AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES.
4. TOLERANCES: UNLESS OTHERWISE SPECIFIED, LINEAR DIMENSIONS $\pm .010$.
5. GRAIN FLOW SHOULD BE PARALLEL WITH THE ROLLING DIRECTION.
6. PART NUMBER: THE MS PART NUMBER SHALL BE AS SHOWN IN TABLE 2.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.

WARNING:

THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON THE ENVIRONMENTAL AND HEALTH REGULATIONS REGARDING ITS USE.

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UMPCO, INC.
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7/28/2011

AS9551

BRACKET, FLAT STEEL, UNS G41300, CADMIUM PLATED

PART NUMBER