



**NOTES:**

1. MATERIAL: CORROSION RESISTANT STEEL PER AMS 5504 (UNS S41000).
2. HARDNESS: 30-38 HRC.
3. FINISH: HEAT TREATMENT AND CLEANING IN ACCORDANCE WITH AMS 2550.
4. GRAIN FLOW SHALL BE PARALLEL WITH ROLLING DIRECTION.
5. REMOVE BURRS AND BREAK SHARP EDGES .003 -.015, UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONING AND TOLERANCES PER ANSI Y14.5M-1982
7. DIMENSIONS ARE IN INCHES
8. DO NOT USE UNASSIGNED PART NUMBERS
9. APPROXIMATE MASS LB/100 = .877 (A+B) + .145

**TABLE 1 -PART NUMBERS AND DIMENSIONS**

B LENGTH	A - LENGTH				
	.490 - .510	.552 - .572	.615 - .635	.678 - .698	.740 - .760
	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
0.428 - 0.448	MS9601-005	MS9601-035	MS9601-065	MS9601-095	MS9601-125
0.490 - 0.510	MS9601-006	MS9601-036	MS9601-066	MS9601-096	MS9601-126
0.552 - 0.572	MS9601-007	MS9601-037	MS9601-067	MS9601-097	MS9601-127
0.615 - 0.635	MS9601-008	MS9601-038	MS9601-068	MS9601-098	MS9601-128
0.678 - 0.698	MS9601-009	MS9601-039	MS9601-069	MS9601-099	MS9601-129
0.740 - 0.760	MS9601-010	MS9601-040	MS9601-070	MS9601-100	MS9601-130
0.802 - 0.822	MS9601-011	MS9601-041	MS9601-071	MS9601-101	MS9601-131
0.865 - 0.885	MS9601-012	MS9601-042	MS9601-072	MS9601-102	MS9601-132
0.928 - 0.948	MS9601-013	MS9601-043	MS9601-073	MS9601-103	MS9601-133
0.990 - 1.010	MS9601-014	MS9601-044	MS9601-074	MS9601-104	MS9601-134
1.052 - 1.072	MS9601-015	MS9601-045	MS9601-075	MS9601-105	MS9601-135
1.115 - 1.135	MS9601-016	MS9601-046	MS9601-076	MS9601-106	MS9601-136
1.178 - 1.198	MS9601-017	MS9601-047	MS9601-077	MS9601-107	MS9601-137
1.240 - 1.260	MS9601-018	MS9601-048	MS9601-078	MS9601-108	MS9601-138
1.302 - 1.322	MS9601-019	MS9601-049	MS9601-079	MS9601-109	MS9601-139
1.365 - 1.385	MS9601-020	MS9601-050	MS9601-080	MS9601-110	MS9601-140
1.428 - 1.448	MS9601-021	MS9601-051	MS9601-081	MS9601-111	MS9601-141
1.490 - 1.510	MS9601-022	MS9601-052	MS9601-082	MS9601-112	MS9601-142

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**UMPCO, INC**  
CAGE CODE No. 18076

REV  
N/C  
02/05/09

**AS9601**

BRACKET, ANGLE 90°, CRES UNS S41000  
.190 X .250 BOLT

PART NUMBER

TABLE 1 -PART NUMBERS AND DIMENSIONS CONTINUED

B LENGTH	A - LENGTH				
	.802 - .822	.865 - .885	.928 - .948	.990- 1.010	1.115 - 1.135
	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
0.428 - 0.448	MS9601-155	MS9601-185	MS9601-215	MS9601-245	MS9601-305
0.490 - 0.510	MS9601-156	MS9601-186	MS9601-216	MS9601-246	MS9601-306
0.552 - 0.572	MS9601-157	MS9601-187	MS9601-217	MS9601-247	MS9601-307
0.615 - 0.635	MS9601-158	MS9601-188	MS9601-218	MS9601-248	MS9601-308
0.678 - 0.698	MS9601-159	MS9601-189	MS9601-219	MS9601-249	MS9601-309
0.740 - 0.760	MS9601-160	MS9601-190	MS9601-220	MS9601-250	MS9601-310
0.802 - 0.822	MS9601-161	MS9601-191	MS9601-221	MS9601-251	MS9601-311
0.865 - 0.885	MS9601-162	MS9601-192	MS9601-222	MS9601-252	MS9601-312
0.928 - 0.948	MS9601-163	MS9601-193	MS9601-223	MS9601-253	MS9601-313
0.990 - 1.010	MS9601-164	MS9601-194	MS9601-224	MS9601-254	MS9601-314
1.052 - 1.072	MS9601-165	MS9601-195	MS9601-225	MS9601-255	MS9601-315
1.115 - 1.135	MS9601-166	MS9601-196	MS9601-226	MS9601-256	MS9601-316
1.178 - 1.198	MS9601-167	MS9601-197	MS9601-227	MS9601-257	MS9601-317
1.240 - 1.260	MS9601-168	MS9601-198	MS9601-228	MS9601-258	MS9601-318
1.302 - 1.322	MS9601-169	MS9601-199	MS9601-229	MS9601-259	MS9601-319
1.365 - 1.385	MS9601-170	MS9601-200	MS9601-230	MS9601-260	MS9601-320
1.428 - 1.448	MS9601-171	MS9601-201	MS9601-231	MS9601-261	MS9601-321
1.490 - 1.510	MS9601-172	MS9601-202	MS9601-232	MS9601-262	MS9601-322

B LENGTH	A - LENGTH		
	1.240 - 1.260	1.365 - 1.385	1.490 - 1.510
	PART NUMBER	PART NUMBER	PART NUMBER
0.428 - 0.448	MS9601-365	MS9601-425	MS9601-485
0.490 - 0.510	MS9601-366	MS9601-426	MS9601-486
0.552 - 0.572	MS9601-367	MS9601-427	MS9601-487
0.615 - 0.635	MS9601-368	MS9601-428	MS9601-488
0.678 - 0.698	MS9601-369	MS9601-429	MS9601-489
0.740 - 0.760	MS9601-370	MS9601-430	MS9601-490
0.802 - 0.822	MS9601-371	MS9601-431	MS9601-491
0.865 - 0.885	MS9601-372	MS9601-432	MS9601-492
0.928 - 0.948	MS9601-373	MS9601-433	MS9601-493
0.990 - 1.010	MS9601-374	MS9601-434	MS9601-494
1.052 - 1.072	MS9601-375	MS9601-435	MS9601-495
1.115 - 1.135	MS9601-376	MS9601-436	MS9601-496
1.178 - 1.198	MS9601-377	MS9601-437	MS9601-497
1.240 - 1.260	MS9601-378	MS9601-438	MS9601-498
1.302 - 1.322	MS9601-379	MS9601-439	MS9601-499
1.365 - 1.385	MS9601-380	MS9601-440	MS9601-500
1.428 - 1.448	MS9601-381	MS9601-441	MS9601-501
1.490 - 1.510	MS9601-382	MS9601-442	MS9601-502

B LENGTH	A - LENGTH		
	1.615 - 1.635	1.740 - 1.760	1.865 - 1.885
	PART NUMBER	PART NUMBER	PART NUMBER
0.428 - 0.448	MS9601-545	MS9601-605	MS9601-665
0.490 - 0.510	MS9601-546	MS9601-606	MS9601-666
0.552 - 0.572	MS9601-547	MS9601-607	MS9601-667
0.615 - 0.635	MS9601-548	MS9601-608	MS9601-668
0.678 - 0.698	MS9601-549	MS9601-609	MS9601-669
0.740 - 0.760	MS9601-550	MS9601-610	MS9601-670
0.802 - 0.822	MS9601-551	MS9601-611	MS9601-671
0.865 - 0.885	MS9601-552	MS9601-612	MS9601-672
0.928 - 0.948	MS9601-553	MS9601-613	MS9601-673
0.990 - 1.010	MS9601-554	MS9601-614	MS9601-674
1.052 - 1.072	MS9601-555	MS9601-615	MS9601-675
1.115 - 1.135	MS9601-556	MS9601-616	MS9601-676
1.178 - 1.198	MS9601-557	MS9601-617	MS9601-677
1.240 - 1.260	MS9601-558	MS9601-618	MS9601-678
1.302 - 1.322	MS9601-559	MS9601-619	MS9601-679
1.365 - 1.385	MS9601-560	MS9601-620	MS9601-680
1.428 - 1.448	MS9601-561	MS9601-621	MS9601-681
1.490 - 1.510	MS9601-562	MS9601-622	MS9601-682

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