



DASH NO.	A REF	B REF	C ±.010	D ±.010
MS9102-01	0.562	0.500	0.359	0.328
MS9102-02	0.562	0.625	0.359	0.453
MS9102-03	0.562	0.750	0.359	0.578
MS9102-04	0.562	0.875	0.359	0.703
MS9102-05	0.562	1.000	0.359	0.828
MS9102-06	0.562	1.250	0.359	1.078
MS9102-07	0.562	1.500	0.359	1.328
MS9102-10	0.688	0.500	0.484	0.328
MS9102-11	0.688	0.625	0.484	0.453
MS9102-12	0.688	0.750	0.484	0.578
MS9102-13	0.688	0.875	0.484	0.703
MS9102-14	0.688	1.000	0.484	0.828
MS9102-15	0.688	1.250	0.484	1.078
MS9102-16	0.688	1.500	0.484	1.328
MS9102-20	0.812	0.500	0.609	0.328
MS9102-21	0.812	0.625	0.609	0.453
MS9102-22	0.812	0.750	0.609	0.578
MS9102-23	0.812	0.875	0.609	0.703
MS9102-24	0.812	1.000	0.609	0.828
MS9102-25	0.812	1.250	0.609	1.078
MS9102-26	0.812	1.500	0.609	1.328
MS9102-30	0.938	0.500	0.734	0.328
MS9102-31	0.938	0.625	0.734	0.453
MS9102-32	0.938	0.750	0.734	0.578
MS9102-33	0.938	0.875	0.734	0.703
MS9102-34	0.938	1.000	0.734	0.828
MS9102-35	0.938	1.250	0.734	1.078
MS9102-36	0.938	1.500	0.734	1.328

DASH NO.	A REF	B REF	C ±.010	D ±.010
MS9102-40	1.062	0.500	0.859	0.328
MS9102-41	1.062	0.625	0.859	0.453
MS9102-42	1.062	0.750	0.859	0.578
MS9102-43	1.062	0.875	0.859	0.703
MS9102-44	1.062	1.000	0.859	0.828
MS9102-45	1.062	1.250	0.859	1.078
MS9102-46	1.062	1.500	0.859	1.328
MS9102-50	1.312	0.500	1.109	0.328
MS9102-51	1.312	0.625	1.109	0.453
MS9102-52	1.312	0.750	1.109	0.578
MS9102-53	1.312	0.875	1.109	0.703
MS9102-54	1.312	1.000	1.109	0.828
MS9102-55	1.312	1.250	1.109	1.078
MS9102-56	1.312	1.500	1.109	1.328
MS9102-60	1.562	0.500	1.359	0.328
MS9102-61	1.562	0.625	1.359	0.453
MS9102-62	1.562	0.750	1.359	0.578
MS9102-63	1.562	0.875	1.359	0.703
MS9102-64	1.562	1.000	1.359	0.828
MS9102-65	1.562	1.250	1.359	1.078
MS9102-66	1.562	1.500	1.359	1.328
MS9102-70	1.812	0.500	1.609	0.328
MS9102-71	1.812	0.625	1.609	0.453
MS9102-72	1.812	0.750	1.609	0.578
MS9102-73	1.812	0.875	1.609	0.703
MS9102-74	1.812	1.000	1.609	0.828
MS9102-75	1.812	1.250	1.609	1.078
MS9102-76	1.812	1.500	1.609	1.328

REQUIREMENTS:

- MATERIAL: CORROSION RESISTANT STEEL IN ACCORDANCE WITH AMS 5510.
- DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14 5M.
- TOLERANCE: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSION ±.015, ANGULAR ±2°.
- PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM THE TABLE.

NOTES:

- ALL DIMENSIONS ARE IN INCHES.
- DO NOT USE UNASSIGNED DASH NUMBERS.
- REMOVE BURRS AND BREAK SHARP EDGES.

EXAMPLE: MS9102 -02



MS9102-02 INDICATES - BRACKET, 90° ANGLE, LENGTH A, .562, LENGTH B, .625

THIS CATALOG PAGE IS FOR REFERENCE ONLY. REQUEST A CERTIFIED UMPCO DRAWING FOR ACTUAL SPECIFICATIONS. ANY CONFLICT BETWEEN THIS DOCUMENT AND THE CERTIFIED DRAWING, THE CERTIFIED DRAWING WILL TAKE PRECEDENCE. IF THE DOCUMENT IS CONTROLLED BY ANY OTHER SOURCE THAN UMPCO, THE CERTIFIED DRAWING MUST BE PURCHASED THROUGH THAT ORGANIZATION.

UMPCO, INC
CAGE CODE No. 18076

REV
N/C
01/30/09

MS9102

BRACKET-ANGLE 90°, .190 X .250 BOLT

PART NUMBER