

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION MIL-P-5673

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE

TABLE I (F)													
DIMENSION	NOMINAL SIZE (F)												
	125	156	188	250	312	375	438	500	562	625	750	875	1000
#A	124	155	186	248	311	373	438	497	560	622	747	871	996
#B	250	281	312	375	437	500	562	625	687	750	875	1062	1187
C	046	046	046	062	062	062	093	093	093	093	093	125	125
D	046	046	046	062	078	078	078	078	078	078	078	093	093
#E	070	070	076	076	106	106	106	106	141	141	141	171	171
(F) MATERIAL	(F) MIN DOUBLE SHEAR STRENGTH (LBS)												
C	1,740	2,740	3,960	7,090	11,200	16,160	22,130	28,800	36,600	45,200	65,280	88,840	116,260
S	2,500	3,940	5,710	10,220	16,140	23,270	31,870	41,470	52,710	65,090	94,010	127,930	167,410
R	2,730	4,360	6,360	11,500	18,270	26,450	36,310	47,340	60,260	74,510	107,810	146,910	192,440
P	2,920	4,600	6,650	11,880	18,750	27,030	36,980	48,110	61,140	75,480	108,980	148,280	194,000
A	2,200	3,470	5,020	8,990	14,190	20,470	28,030	36,480	46,360	57,250	82,690	112,530	147,260
T	2,220	3,490	5,050	9,130	14,250	20,540	28,110	36,560	46,460	57,360	82,820	112,690	147,440

REQUIREMENTS

(F) 1 **MATERIAL**
STEEL ALLOY - UNS G40370 (AISI 4037) PER AMS 6300 OR UNS G41300 (AISI 4130) PER MIL-S-6758 OR UNS G86300 (AISI 8630) PER MIL-S-6050 OR UNS G87400 (AISI 8740) PER MIL-S-6049
CORROSION RESISTANT STEEL (CRES) (PH13-8Mo) - UNS S13800 (AISI 13800) PER AMS 5629
TITANIUM ALLOY (Ti-6Al-4V) - UNS R56400 PER MIL-T-9047

(F) 2 **FINISH**
STEEL ALLOY - CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 2
CRES - CHROME PLATED IN ACCORDANCE WITH QQ-C-320, CLASS 2 (002 - 004) OR CLEANED
DESCALED AND PASSIVATED IN ACCORDANCE WITH QQ-P-35
TITANIUM ALLOY - ALUMINUM COATED IN ACCORDANCE WITH MIL-C-83488, CLASS 3, AND LUBRICATED WITH
SOLID FILM LUBRICANT IN ACCORDANCE WITH MIL-L-46010, TYPE I, OR NO FINISH

(F) 3 **MATERIAL AND FINISH CODES**
"C" = STEEL ALLOY, 4037 4130 8630 OR 8740 CADMIUM PLATED
"S" = STEEL ALLOY 8740 CADMIUM PLATED
"R" = CORROSION RESISTANT STEEL, PH13-8Mo CHROME PLATED
"P" = CORROSION RESISTANT STEEL, PH13-8Mo
CLEANED DESCALED AND PASSIVATED
"A" = TITANIUM ALLOY Ti-6Al-4V, ALUMINUM COATED AND LUBRICATED
WITH SOLID FILM LUBRICANT
"T" = TITANIUM ALLOY, Ti-6Al-4V NO FINISH

(F) 4 **EXAMPLE OF PART NUMBER**
MS20392 - 1 C 33 - 125 NOMINAL DIA X 1031 EFFECTIVE LENGTH STEEL
ALLOY 4037, 4130, 8630 OR 8740 CADMIUM PLATED
"G" EFFECTIVE LENGTH IN 1/32
MATERIAL AND FINISH CODE (SEE REQUIREMENT 3)
DASH NUMBER (SEE TABLE II)
BASIC MS NUMBER

(F) DENOTES CHANGE(S)

INCH-POUND

PREPARING ACTIVITY DLA-IS CUSTODIANS ARMY- AR NAVY- AS AIR FORCE- 99 DLA- REVIEW AV, WE, MI, 82 USER PROJECT NUMBER 5315-0489	MILITARY SPECIFICATION SHEET TITLE PIN, STRAIGHT, HEADED, DRILLED SHANK	SPECIFICATION SHEET NUMBER MS20392 14 FEB 1995 REV F SUPERSEDING MS20392 E 12 JULY 1984 (SEE NOTE 8) AMSC- N/A FSC 5315
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DISTRIBUTION STATEMENT
A. Approved for public release distribution is unlimited

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PREVIOUS EDITIONS ARE OBSOLETE

NOTES

- 1 DIMENSIONS ARE IN INCHES DIMENSIONS SHOWN ARE AFTER FINISH
- 2 UNLESS OTHERWISE SPECIFIED, TOLERANCES ON DECIMALS SHALL BE ± 0.16 AND ON ANGLES SHALL BE $\pm 1/2^\circ$
- 3 THE SHANK END OF PINS MAY HAVE EITHER A CHAMFER OR RADIUS AT THE OPTION OF THE VENDOR
- 4 PINS SHALL BE FREE OF BURRS AND SHARP EDGES
- 5 INTERCHANGEABILITY RELATIONSHIP MS20392 STEEL ALLOY PINS CAN UNIVERSALLY REPLACE THE CANCELLED AN392, AN393, AN394, AN395, AN396 AN400, AN402, AN404, AND AN406 STEEL PINS OF THE SAME SPECIFIED PLATING, NOMINAL PIN DIAMETER, EFFECTIVE LENGTH AND TOTAL LENGTH BUT THE CANCELLED AN392, AN393 AN394 AN395, AN396, AN400 AN402, AN404, AND AN406 CANNOT REPLACE THE SUPERSEEDING MS20392
- (F) 6 PINS FABRICATED FROM 4130 STEEL ALLOY (UNS G41300) AND CADMIUM PLATED PER QQ-P-416, TYPE II, CLASS 2 MAY BE USED UNTIL EXISTING STOCKS ARE DEPLETED
- (F) 7 UNS B7400 (AISI B740) STEEL ALLOY CAN BE USED IN THE MANUFACTURE OF "C" OR "S" CLEVIS PINS AT THE DISCRETION OF THE MANUFACTURER/SUPPLIER HOWEVER THE "S" CLEVIS PINS SHALL BE HEAT TREATED TO ENABLE THE PINS TO HAVE THE REQUIRED DOUBLE SHEAR STRENGTH
- (F) 8 MS20392 SUPERSEDES AN392, AN393, AN394, AN395, AN396, AN400 AN402 AN404 AND AN406
- (F) 9 IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS DOCUMENT AND THE REFERENCES CITED HEREIN THE TEXT OF THIS DOCUMENT SHALL TAKE PRECEDENCE TABLE 1 AND PARAGRAPH 3.3 OF MIL-P-5673 ARE NOT APPLICABLE TO THIS DOCUMENT
- (F) 10 UNLESS OTHERWISE SPECIFIED ISSUES OF REFERENCED DOCUMENTS ARE THOSE IN EFFECT AT THE TIME OF SOLICITATION

PREPARING ACTIVITY DLA-15 CUSTODIANS ARMY- AR NAVY- AS AIR FORCE- 88 DLA- REVIEW AV, ME, MI, 82 USER PROJECT NUMBER 5315-0489	MILITARY SPECIFICATION SHEET TITLE PIN, STRAIGHT, HEADED, DRILLED SHANK	SPECIFICATION SHEET NUMBER MS20392 14 FEB 1985 REV F SUPERSEDING MS20392 E 12 JULY 1984 (SEE NOTE 8.) AMSC- N/A FSC 5315
DISTRIBUTION STATEMENT A. Approved for public release, distribution is unlimited		Page 2 of 2

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TABLE II

G EFFECTIVE LENGTH	DASH NUMBERS											
	PIN DIAMETER (NOMINAL)											
	125				156				188			
	STEEL 1/ ALLOY	CRES 2/ ALLOY	TITANIUM ALLOY 2/	L	STEEL 1/ ALLOY	CRES 2/ ALLOY	TITANIUM ALLOY 2/	L	STEEL 1/ ALLOY	CRES 2/ ALLOY	TITANIUM ALLOY 2/	L
219	1C7	1R7	1T7	391	13C7	13R7	13T7	391	2C7	2R7	2T7	391
281	1C9	1R9	1T9	453	13C9	13R9	13T9	453	2C9	2R9	2T9	453
344	1C11	1R11	1T11	516	13C11	13R11	13T11	516	2C11	2R11	2T11	516
406	1C13	1R13	1T13	578	13C13	13R13	13T13	578	2C13	2R13	2T13	578
469	1C15	1R15	1T15	641	13C15	13R15	13T15	641	2C15	2R15	2T15	641
531	1C17	1R17	1T17	703	13C17	13R17	13T17	703	2C17	2R17	2T17	703
594	1C19	1R19	1T19	766	13C19	13R19	13T19	766	2C19	2R19	2T19	766
656	1C21	1R21	1T21	828	13C21	13R21	13T21	828	2C21	2R21	2T21	828
719	1C23	1R23	1T23	891	13C23	13R23	13T23	891	2C23	2R23	2T23	891
781	1C25	1R25	1T25	953	13C25	13R25	13T25	953	2C25	2R25	2T25	953
844	1C27	1R27	1T27	1016	13C27	13R27	13T27	1016	2C27	2R27	2T27	1016
908	1C29	1R29	1T29	1078	13C29	13R29	13T29	1078	2C29	2R29	2T29	1078
969	1C31	1R31	1T31	1141	13C31	13R31	13T31	1141	2C31	2R31	2T31	1141
1031	1C33	1R33	1T33	1203	13C33	13R33	13T33	1203	2C33	2R33	2T33	1203
1094	1C35	1R35	1T35	1266	13C35	13R35	13T35	1266	2C35	2R35	2T35	1266
1156	1C37	1R37	1T37	1328	13C37	13R37	13T37	1328	2C37	2R37	2T37	1328
1219	1C39	1R39	1T39	1391	13C39	13R39	13T39	1391	2C39	2R39	2T39	1391
1281	1C41	1R41	1T41	1453	13C41	13R41	13T41	1453	2C41	2R41	2T41	1453
1344	1C43	1R43	1T43	1516	13C43	13R43	13T43	1516	2C43	2R43	2T43	1516
1406	1C45	1R45	1T45	1578	13C45	13R45	13T45	1578	2C45	2R45	2T45	1578
1469	1C47	1R47	1T47	1641	13C47	13R47	13T47	1641	2C47	2R47	2T47	1641
1531	1C49	1R49	1T49	1703	13C49	13R49	13T49	1703	2C49	2R49	2T49	1703
1594	1C51	1R51	1T51	1766	13C51	13R51	13T51	1766	2C51	2R51	2T51	1766
1656	1C53	1R53	1T53	1828	13C53	13R53	13T53	1828	2C53	2R53	2T53	1828
1719	1C55	1R55	1T55	1891	13C55	13R55	13T55	1891	2C55	2R55	2T55	1891
1781	1C57	1R57	1T57	1953	13C57	13R57	13T57	1953	2C57	2R57	2T57	1953
1844	1C59	1R59	1T59	2016	13C59	13R59	13T59	2016	2C59	2R59	2T59	2016
1906	1C61	1R61	1T61	2078	13C61	13R61	13T61	2078	2C61	2R61	2T61	2078
1969	1C63	1R63	1T63	2141	13C63	13R63	13T63	2141	2C63	2R63	2T63	2141
2031	1C65	1R65	1T65	2203	13C65	13R65	13T65	2203	2C65	2R65	2T65	2203
2094	1C67	1R67	1T67	2266	13C67	13R67	13T67	2266	2C67	2R67	2T67	2266
2156									2C69	2R69	2T69	2328
2219									2C71	2R71	2T71	2391
2281									2C73	2R73	2T73	2453
2344									2C75	2R75	2T75	2516
2406									2C77	2R77	2T77	2578
2469									2C79	2R79	2T79	2641
2531									2C81	2R81	2T81	2703
2594									2C83	2R83	2T83	2766
2656									2C85	2R85	2T85	2828
2719									2C87	2R87	2T87	2891
2781									2C89	2R89	2T89	2953
2844									2C91	2R91	2T91	3016
2906									2C93	2R93	2T93	3078
2969									2C95	2R95	2T95	3141
3031												

- (F) 1/ DASH NUMBERS SHOWN ARE FOR STEEL ALLOY 4037, 4130, 8630 OR 8740
 2/ DASH NUMBERS FOR STEEL ALLOY 8740, ARE THE SAME EXCEPT SUBSTITUTE "S" FOR "C"
 3/ DASH NUMBERS SHOWN ARE FOR TITANIUM ALLOY, Ti-6Al-4V, NO FINISH DASH NUMBERS FOR TITANIUM ALLOY Ti-6Al-4V, ALUMINUM COATED AND SOLID FILM LUBRICANT ARE THE SAME EXCEPT SUBSTITUTE "A" FOR "T"
 DASH NUMBERS SHOWN ARE FOR CRES, PH13-8Mo, CHROME PLATED DASH NUMBERS FOR CRES PH13-8Mo CLEANED, DESCALED AND PASSNATED, ARE THE SAME EXCEPT SUBSTITUTE "P" FOR "R"

PREPARING ACTIVITY DLA-IS CUSTODIANS ARMY- AR NAVY- AS AIR FORCE- 99 DLA- REVIEW AV, ME, MI, 82 USER PROJECT NUMBER 5315-0489 DISTRIBUTION STATEMENT	MILITARY SPECIFICATION SHEET TITLE PIN, STRAIGHT, HEADED, DRILLED SHANK	SPECIFICATION SHEET NUMBER MS20392 14 FEB 1995 REV F SUPERSEDING MS20392 E 12 JULY 1984 (SEE NOTE 8) AMSC- N/A FSC 5315
A. Approved for public release distribution is unlimited		Page <u>3</u> of <u>7</u>

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TABLE II (CONT)

G EFFECTIVE LENGTH	DASH NUMBERS											
	PIN DIAMETER (NOMINAL)											
	250				312				375			
	STEEL 1/ ALLOY	CRES 2/ 3	TITANIUM ALLOY 2/ 3	L	STEEL 1/ ALLOY	CRES 2/ 3	TITANIUM ALLOY 2/ 3	L	STEEL 1/ ALLOY	CRES 2/ 3	TITANIUM ALLOY 2/ 3	L
344	3C11	3R11	3T11	547	4C11	4R11	4T11	594				
406	3C13	3R13	3T13	609	4C13	4R13	4T13	656				
469	3C15	3R15	3T15	672	4C15	4R15	4T15	719	5C15	5R15	5T15	719
531	3C17	3R17	3T17	734	4C17	4R17	4T17	781	5C17	5R17	5T17	781
594	3C19	3R19	3T19	797	4C19	4R19	4T19	844	5C19	5R19	5T19	844
656	3C21	3R21	3T21	859	4C21	4R21	4T21	906	5C21	5R21	5T21	906
719	3C23	3R23	3T23	927	4C23	4R23	4T23	969	5C23	5R23	5T23	969
781	3C25	3R25	3T25	984	4C25	4R25	4T25	1 031	5C25	5R25	5T25	1 031
844	3C27	3R27	3T27	1 047	4C27	4R27	4T27	1 094	5C27	5R27	5T27	1 094
906	3C29	3R29	3T29	1 109	4C29	4R29	4T29	1 156	5C29	5R29	5T29	1 156
969	3C31	3R31	3T31	1 172	4C31	4R31	4T31	1 219	5C31	5R31	5T31	1 219
1 031	3C33	3R33	3T33	1 234	4C33	4R33	4T33	1 281	5C33	5R33	5T33	1 281
1 094	3C35	3R35	3T35	1 297	4C35	4R35	4T35	1 344	5C35	5R35	5T35	1 344
1 156	3C37	3R37	3T37	1 359	4C37	4R37	4T37	1 406	5C37	5R37	5T37	1 406
1 219	3C39	3R39	3T39	1 422	4C39	4R39	4T39	1 469	5C39	5R39	5T39	1 469
1 281	3C41	3R41	3T41	1 484	4C41	4R41	4T41	1 531	5C41	5R41	5T41	1 531
1 344	3C43	3R43	3T43	1 547	4C43	4R43	4T43	1 594	5C43	5R43	5T43	1 594
1 406	3C45	3R45	3T45	1 609	4C45	4R45	4T45	1 656	5C45	5R45	5T45	1 656
1 469	3C47	3R47	3T47	1 672	4C47	4R47	4T47	1 719	5C47	5R47	5T47	1 719
1 531	3C49	3R49	3T49	1 734	4C49	4R49	4T49	1 781	5C49	5R49	5T49	1 781
1 594	3C51	3R51	3T51	1 797	4C51	4R51	4T51	1 844	5C51	5R51	5T51	1 844
1 656	3C53	3R53	3T53	1 859	4C53	4R53	4T53	1 906	5C53	5R53	5T53	1 906
1 719	3C55	3R55	3T55	1 922	4C55	4R55	4T55	1 969	5C55	5R55	5T55	1 969
1 781	3C57	3R57	3T57	1 984	4C57	4R57	4T57	2 031	5C57	5R57	5T57	2 031
1 844	3C59	3R59	3T59	2 047	4C59	4R59	4T59	2 094	5C59	5R59	5T59	2 094
1 906	3C61	3R61	3T61	2 109	4C61	4R61	4T61	2 156	5C61	5R61	5T61	2 156
1 969	3C63	3R63	3T63	2 172	4C63	4R63	4T63	2 219	5C63	5R63	5T63	2 219
2 031	3C65	3R65	3T65	2 234	4C65	4R65	4T65	2 281	5C65	5R65	5T65	2 281
2 094	3C67	3R67	3T67	2 287	4C67	4R67	4T67	2 344	5C67	5R67	5T67	2 344
2 156	3C69	3R69	3T69	2 359	4C69	4R69	4T69	2 406	5C69	5R69	5T69	2 406
2 219	3C71	3R71	3T71	2 422	4C71	4R71	4T71	2 469	5C71	5R71	5T71	2 469
2 281	3C73	3R73	3T73	2 484	4C73	4R73	4T73	2 531	5C73	5R73	5T73	2 531
2 344	3C75	3R75	3T75	2 547	4C75	4R75	4T75	2 591	5C75	5R75	5T75	2 594
2 406	3C77	3R77	3T77	2 609	4C77	4R77	4T77	2 656	5C77	5R77	5T77	2 656
2 469	3C79	3R79	3T79	2 672	4C79	4R79	4T79	2 719	5C79	5R79	5T79	2 719
2 531	3C81	3R81	3T81	2 734	4C81	4R81	4T81	2 781	5C81	5R81	5T81	2 781
2 594	3C83	3R83	3T83	2 797	4C83	4R83	4T83	2 844	5C83	5R83	5T83	2 844
2 656	3C85	3R85	3T85	2 859	4C85	4R85	4T85	2 906	5C85	5R85	5T85	2 906
2 719	3C87	3R87	3T87	2 922	4C87	4R87	4T87	2 969	5C87	5R87	5T87	2 969
2 781	3C89	3R89	3T89	2 984	4C89	4R89	4T89	3 031	5C89	5R89	5T89	3 031
2 844	3C91	3R91	3T91	3 047	4C91	4R91	4T91	3 094	5C91	5R91	5T91	3 094
2 906	3C93	3R93	3T93	3 109	4C93	4R93	4T93	3 156	5C93	5R93	5T93	3 156
2 969	3C95	3R95	3T95	3 172	4C95	4R95	4T95	3 219	5C95	5R95	5T95	3 219
3 031	3C97	3R97	3T97	3 234	4C97	4R97	4T97	3 281	5C97	5R97	5T97	3 281
3 094									5C99	5R99	5T99	3 344
3 156									5C101	5R101	5T101	3 406
3 219									5C103	5R103	5T103	3 469
3 281									5C105	5R105	5T105	3 531
3 344									5C107	5R107	5T107	3 594
3 406									5C109	5R109	5T109	3 656
3 469									5C111	5R111	5T111	3 719
3 531									5C113	5R113	5T113	3 781
3 594									5C115	5R115	5T115	3 844
3 656									5C117	5R117	5T117	3 906
3 719									5C119	5R119	5T119	4 031
3 781									5C121	5R121	5T121	4 094
3 844									5C123	5R123	5T123	4 094
3 906									5C125	5R125	5T125	4 156
3 989									5C127	5R127	5T127	4 219

SEE SHEET 3 FOR 1/2 AND 3/4

PREPARING ACTIVITY DLA-15		MILITARY SPECIFICATION SHEET		SPECIFICATION SHEET NUMBER	
CUSTODIANS ARMY- AR	NAVY- AS	TITLE		MS20392 14 FEB 1995	
AIR FORCE- 88	DLA-			REV F	
REVIEW AV, ME, MI, B2		PIM, STRAIGHT, HEADED, DRILLED SHANK		SUPERSEDING	
USER				MS20392 E 12 JULY 1984 (SEE NOTE 8)	
PROJECT NUMBER: 5315-0489				AMSC- N/A FSC 8315	
DISTRIBUTION STATEMENT				Page 4 of 2	
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TABLE II (CONT)

G EFFECTIVE LENGTH	DASH NUMBERS											
	PIN DIAMETER (NOMINAL)											
	438				500				562			
	STEEL ALLOY 1/	CRES 3/	TITANIUM ALLOY 2/	L	STEEL ALLOY 1/	CRES 3/	TITANIUM ALLOY 2/	L	STEEL ALLOY 1/	CRES 3/	TITANIUM ALLOY 2/	L
469	6C15	6R15	6T15	750	7C15	7R15	7T15	750	8C15	8R15	8T15	797
531	6C17	6R17	6T17	812	7C17	7R17	7T17	812	8C17	8R17	8T17	859
594	6C19	6R19	6T19	875	7C19	7R19	7T19	875	8C19	8R19	8T19	922
656	6C21	6R21	6T21	938	7C21	7R21	7T21	938	8C21	8R21	8T21	984
719	6C23	6R23	6T23	1 000	7C23	7R23	7T23	1 000	8C23	8R23	8T23	1 047
781	6C25	6R25	6T25	1 062	7C25	7R25	7T25	1 062	8C25	8R25	8T25	1 109
844	6C27	6R27	6T27	1 125	7C27	7R27	7T27	1 125	8C27	8R27	8T27	1 172
906	6C29	6R29	6T29	1 188	7C29	7R29	7T29	1 188	8C29	8R29	8T29	1 234
969	6C31	6R31	6T31	1 250	7C31	7R31	7T31	1 250	8C31	8R31	8T31	1 297
1 031	6C33	6R33	6T33	1 312	7C33	7R33	7T33	1 312	8C33	8R33	8T33	1 359
1 094	6C35	6R35	6T35	1 375	7C35	7R35	7T35	1 375	8C35	8R35	8T35	1 422
1 156	6C37	6R37	6T37	1 438	7C37	7R37	7T37	1 438	8C37	8R37	8T37	1 484
1 219	6C39	6R39	6T39	1 500	7C39	7R39	7T39	1 500	8C39	8R39	8T39	1 547
1 281	6C41	6R41	6T41	1 562	7C41	7R41	7T41	1 562	8C41	8R41	8T41	1 609
1 344	6C43	6R43	6T43	1 625	7C43	7R43	7T43	1 625	8C43	8R43	8T43	1 672
1 406	6C45	6R45	6T45	1 688	7C45	7R45	7T45	1 688	8C45	8R45	8T45	1 734
1 469	6C47	6R47	6T47	1 750	7C47	7R47	7T47	1 750	8C47	8R47	8T47	1 797
1 531	6C49	6R49	6T49	1 812	7C49	7R49	7T49	1 812	8C49	8R49	8T49	1 859
1 594	6C51	6R51	6T51	1 875	7C51	7R51	7T51	1 875	8C51	8R51	8T51	1 922
1 656	6C53	6R53	6T53	1 938	7C53	7R53	7T53	1 938	8C53	8R53	8T53	1 984
1 719	6C55	6R55	6T55	2 000	7C55	7R55	7T55	2 000	8C55	8R55	8T55	2 047
1 781	6C57	6R57	6T57	2 062	7C57	7R57	7T57	2 062	8C57	8R57	8T57	2 109
1 844	6C59	6R59	6T59	2 125	7C59	7R59	7T59	2 125	8C59	8R59	8T59	2 172
1 906	6C61	6R61	6T61	2 188	7C61	7R61	7T61	2 188	8C61	8R61	8T61	2 234
1 969	6C63	6R63	6T63	2 250	7C63	7R63	7T63	2 250	8C63	8R63	8T63	2 297
2 031	6C65	6R65	6T65	2 312	7C65	7R65	7T65	2 312	8C65	8R65	8T65	2 359
2 094	6C67	6R67	6T67	2 375	7C67	7R67	7T67	2 375	8C67	8R67	8T67	2 422
2 156	6C69	6R69	6T69	2 438	7C69	7R69	7T69	2 438	8C69	8R69	8T69	2 484
2 219	6C71	6R71	6T71	2 500	7C71	7R71	7T71	2 500	8C71	8R71	8T71	2 547
2 281	6C73	6R73	6T73	2 562	7C73	7R73	7T73	2 562	8C73	8R73	8T73	2 609
2 344	6C75	6R75	6T75	2 625	7C75	7R75	7T75	2 625	8C75	8R75	8T75	2 672
2 406	6C77	6R77	6T77	2 688	7C77	7R77	7T77	2 688	8C77	8R77	8T77	2 734
2 469	6C79	6R79	6T79	2 750	7C79	7R79	7T79	2 750	8C79	8R79	8T79	2 797
2 531	6C81	6R81	6T81	2 812	7C81	7R81	7T81	2 812	8C81	8R81	8T81	2 859
2 594	6C83	6R83	6T83	2 875	7C83	7R83	7T83	2 875	8C83	8R83	8T83	2 922
2 656	6C85	6R85	6T85	2 938	7C85	7R85	7T85	2 938	8C85	8R85	8T85	2 984
2 719	6C87	6R87	6T87	3 000	7C87	7R87	7T87	3 000	8C87	8R87	8T87	3 047
2 781	6C89	6R89	6T89	3 062	7C89	7R89	7T89	3 062	8C89	8R89	8T89	3 109
2 844	6C91	6R91	6T91	3 125	7C91	7R91	7T91	3 125	8C91	8R91	8T91	3 172
2 906	6C93	6R93	6T93	3 188	7C93	7R93	7T93	3 188	8C93	8R93	8T93	3 234
2 969	6C95	6R95	6T95	3 250	7C95	7R95	7T95	3 250	8C95	8R95	8T95	3 297
3 031	6C97	6R97	6T97	3 312	7C97	7R97	7T97	3 312	8C97	8R97	8T97	3 359
3 094	6C99	6R99	6T99	3 375	7C99	7R99	7T99	3 375	8C99	8R99	8T99	3 422
3 156	6C101	6R101	6T101	3 438	7C101	7R101	7T101	3 438	8C101	8R101	8T101	3 484
3 219	6C103	6R103	6T103	3 500	7C103	7R103	7T103	3 500	8C103	8R103	8T103	3 547
3 281	6C105	6R105	6T105	3 562	7C105	7R105	7T105	3 562	8C105	8R105	8T105	3 609
3 344	6C107	6R107	6T107	3 625	7C107	7R107	7T107	3 625	8C107	8R107	8T107	3 672
3 406	6C109	6R109	6T109	3 688	7C109	7R109	7T109	3 688	8C109	8R109	8T109	3 734
3 469	6C111	6R111	6T111	3 750	7C111	7R111	7T111	3 750	8C111	8R111	8T111	3 797
3 531	6C113	6R113	6T113	3 812	7C113	7R113	7T113	3 812	8C113	8R113	8T113	3 859
3 594	6C115	6R115	6T115	3 875	7C115	7R115	7T115	3 875	8C115	8R115	8T115	3 922
3 656	6C117	6R117	6T117	3 938	7C117	7R117	7T117	3 938	8C117	8R117	8T117	3 984
3 719	6C119	6R119	6T119	4 000	7C119	7R119	7T119	4 000	8C119	8R119	8T119	4 047
3 781	6C121	6R121	6T121	4 062	7C121	7R121	7T121	4 062	8C121	8R121	8T121	4 109
3 844	6C123	6R123	6T123	4 125	7C123	7R123	7T123	4 125	8C123	8R123	8T123	4 172
3 906	6C125	6R125	6T125	4 188	7C125	7R125	7T125	4 188	8C125	8R125	8T125	4 234
3 969	6C127	6R127	6T127	4 250	7C127	7R127	7T127	4 250	8C127	8R127	8T127	4 297

SEE SHEET 3 FOR 1/, 2/ AND 3/

PREPARING ACTIVITY DLA-15		MILITARY SPECIFICATION SHEET		SPECIFICATION SHEET NUMBER	
CUSTODIANS ARMY-AR	NAVY-AS	TITLE	MS20392 14 FEB 1995		
AIR FORCE-99	DLA-	PIN, STRAIGHT, HEADED, DRILLED SHANK	REV F		
REVIEW AV, ME, MI, 02			SUPERSEDING		
USER			MS20392 E 12 JULY 1984 (SEE NOTE 8)		
PROJECT NUMBER 5315-0489			AMSC- N/A JSC 5315		
DISTRIBUTION STATEMENT			Page 5 of 7		
A. Approved for public release distribution is unlimited					

DD Form 672, MAY 88

PREVIOUS EDITIONS ARE OBSOLETE

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODSS SPECIFIED IN THE SOLICITATION MIL-P-5673

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE

Form Approved
OMB No 0704-0188

TABLE II (CONT)

G EFFECTIVE LENGTH	DASH NUMBERS											
	PIN DIAMETER (NOMINAL)											
	625				750				875			
	STEEL 1/ ALLOY	CRES 3/ ALLOY	TITANIUM ALLOY 2/ ALLOY	L	STEEL 1/ ALLOY	CRES 3/ ALLOY	TITANIUM ALLOY 2/ ALLOY	L	STEEL 1/ ALLOY	CRES 3/ ALLOY	TITANIUM ALLOY 2/ ALLOY	L
469	9C15	9R15	9T15	797	10C15	10R15	10T15	797				
531	9C17	9R17	9T17	859	10C17	10R17	10T17	859				
594	9C19	9R19	9T19	922	10C19	10R19	10T19	922	11C19	11R19	11T19	1 000
656	9C21	9R21	9T21	984	10C21	10R21	10T21	984	11C21	11R21	11T21	1 062
719	9C23	9R23	9T23	1 047	10C23	10R23	10T23	1 047	11C23	11R23	11T23	1 125
781	9C25	9R25	9T25	1 109	10C25	10R25	10T25	1 109	11C25	11R25	11T25	1 189
844	9C27	9R27	9T27	1 172	10C27	10R27	10T27	1 172	11C27	11R27	11T27	1 250
906	9C29	9R29	9T29	1 234	10C29	10R29	10T29	1 234	11C29	11R29	11T29	1 312
969	9C31	9R31	9T31	1 297	10C31	10R31	10T31	1 297	11C31	11R31	11T31	1 375
1 031	9C33	9R33	9T33	1 359	10C33	10R33	10T33	1 359	11C33	11R33	11T33	1 438
1 094	9C35	9R35	9T35	1 422	10C35	10R35	10T35	1 422	11C35	11R35	11T35	1 500
1 156	9C37	9R37	9T37	1 484	10C37	10R37	10T37	1 484	11C37	11R37	11T37	1 562
1 219	9C39	9R39	9T39	1 547	10C39	10R39	10T39	1 547	11C39	11R39	11T39	1 625
1 281	9C41	9R41	9T41	1 609	10C41	10R41	10T41	1 609	11C41	11R41	11T41	1 688
1 344	9C43	9R43	9T43	1 672	10C43	10R43	10T43	1 672	11C43	11R43	11T43	1 750
1 406	9C45	9R45	9T45	1 734	10C45	10R45	10T45	1 734	11C45	11R45	11T45	1 812
1 469	9C47	9R47	9T47	1 797	10C47	10R47	10T47	1 797	11C47	11R47	11T47	1 875
1 531	9C49	9R49	9T49	1 859	10C49	10R49	10T49	1 859	11C49	11R49	11T49	1 938
1 594	9C51	9R51	9T51	1 922	10C51	10R51	10T51	1 922	11C51	11R51	11T51	2 000
1 656	9C53	9R53	9T53	1 984	10C53	10R53	10T53	1 984	11C53	11R53	11T53	2 062
1 719	9C55	9R55	9T55	2 047	10C55	10R55	10T55	2 047	11C55	11R55	11T55	2 125
1 781	9C57	9R57	9T57	2 109	10C57	10R57	10T57	2 109	11C57	11R57	11T57	2 188
1 844	9C59	9R59	9T59	2 172	10C59	10R59	10T59	2 172	11C59	11R59	11T59	2 250
1 906	9C61	9R61	9T61	2 234	10C61	10R61	10T61	2 234	11C61	11R61	11T61	2 312
1 969	9C63	9R63	9T63	2 297	10C63	10R63	10T63	2 297	11C63	11R63	11T63	2 375
2 031	9C65	9R65	9T65	2 359	10C65	10R65	10T65	2 359	11C65	11R65	11T65	2 438
2 094	9C67	9R67	9T67	2 422	10C67	10R67	10T67	2 422	11C67	11R67	11T67	2 500
2 156	9C69	9R69	9T69	2 484	10C69	10R69	10T69	2 484	11C69	11R69	11T69	2 562
2 219	9C71	9R71	9T71	2 547	10C71	10R71	10T71	2 547	11C71	11R71	11T71	2 625
2 281	9C73	9R73	9T73	2 609	10C73	10R73	10T73	2 609	11C73	11R73	11T73	2 688
2 344	9C75	9R75	9T75	2 672	10C75	10R75	10T75	2 672	11C75	11R75	11T75	2 750
2 406	9C77	9R77	9T77	2 734	10C77	10R77	10T77	2 734	11C77	11R77	11T77	2 812
2 469	9C79	9R79	9T79	2 797	10C79	10R79	10T79	2 797	11C79	11R79	11T79	2 875
2 531	9C81	9R81	9T81	2 859	10C81	10R81	10T81	2 859	11C81	11R81	11T81	2 938
2 594	9C83	9R83	9T83	2 922	10C83	10R83	10T83	2 922	11C83	11R83	11T83	3 000
2 656	9C85	9R85	9T85	2 984	10C85	10R85	10T85	2 984	11C85	11R85	11T85	3 062
2 719	9C87	9R87	9T87	3 047	10C87	10R87	10T87	3 047	11C87	11R87	11T87	3 125
2 781	9C89	9R89	9T89	3 109	10C89	10R89	10T89	3 109	11C89	11R89	11T89	3 188
2 844	9C91	9R91	9T91	3 172	10C91	10R91	10T91	3 172	11C91	11R91	11T91	3 250
2 906	9C93	9R93	9T93	3 234	10C93	10R93	10T93	3 234	11C93	11R93	11T93	3 312
2 969	9C95	9R95	9T95	3 297	10C95	10R95	10T95	3 297	11C95	11R95	11T95	3 375
3 031	9C97	9R97	9T97	3 359	10C97	10R97	10T97	3 359	11C97	11R97	11T97	3 438
3 094	9C99	9R99	9T99	3 422	10C99	10R99	10T99	3 422	11C99	11R99	11T99	3 500
3 156	9C101	9R101	9T101	3 484	10C101	10R101	10T101	3 484	11C101	11R101	11T101	3 562
3 219	9C103	9R103	9T103	3 547	10C103	10R103	10T103	3 547	11C103	11R103	11T103	3 625
3 281	9C105	9R105	9T105	3 609	10C105	10R105	10T105	3 609	11C105	11R105	11T105	3 688
3 344	9C107	9R107	9T107	3 672	10C107	10R107	10T107	3 672	11C107	11R107	11T107	3 750
3 406	9C109	9R109	9T109	3 734	10C109	10R109	10T109	3 734	11C109	11R109	11T109	3 812
3 469	9C111	9R111	9T111	3 797	10C111	10R111	10T111	3 797	11C111	11R111	11T111	3 875
3 531	9C113	9R113	9T113	3 859	10C113	10R113	10T113	3 859	11C113	11R113	11T113	3 938
3 594	9C115	9R115	9T115	3 922	10C115	10R115	10T115	3 922	11C115	11R115	11T115	4 000
3 656	9C117	9R117	9T117	3 984	10C117	10R117	10T117	3 984	11C117	11R117	11T117	4 062
3 719	9C119	9R119	9T119	4 047	10C119	10R119	10T119	4 047	11C119	11R119	11T119	4 125
3 781	9C121	9R121	9T121	4 109	10C121	10R121	10T121	4 109	11C121	11R121	11T121	4 188
3 844	9C123	9R123	9T123	4 172	10C123	10R123	10T123	4 172	11C123	11R123	11T123	4 250
3 906	9C125	9R125	9T125	4 234	10C125	10R125	10T125	4 234	11C125	11R125	11T125	4 312
3 969	9C127	9R127	9T127	4 297	10C127	10R127	10T127	4 297	11C127	11R127	11T127	4 375
4 031									11C129	11R129	11T129	4 438
4 094									11C131	11R131	11T131	4 500
4 156									11C133	11R133	11T133	4 562
4 219									11C135	11R135	11T135	4 625
4 281									11C137	11R137	11T137	4 688

SEE SHEET 3 FOR 1/ 2/ AND 3/

PREPARING ACTMITY DLA-IS		MILITARY SPECIFICATION SHEET		SPECIFICATION SHEET NUMBER	
CUSTODIANS ARMY-AR	NAVY-AS	TITLE		MS20392	
AIR FORCE-99		PIN, STRAIGHT, HEADED, DRILLED SHANK		14 FEB 1995 REV F	
REVIEW AV, ME, MI, 82				SUPERSEDING	
USER				MS20392 E 12 JULY 1984 (SEE NOTE 8.)	
PROJECT NUMBER 5315-0489				AMSC- N/A FSC 5315	
DISTRIBUTION STATEMENT		A. Approved for public release distribution is unlimited		Page 6 of 7	

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PREVIOUS EDITIONS ARE OBSOLETE

TABLE # (CONT)

G EFFECTIVE LENGTH	DASH NUMBERS			
	PIN DIAMETER (NOMINAL)			
	1 000			
	STEEL 1/ ALLOY	CRES 2/ ALLOY	TITANIUM ALLOY 2/ ALLOY	L
594	12C19	12R19	12T19	1 000
656	12C21	12R21	12T21	1 062
719	12C23	12R23	12T23	1 125
781	12C25	12R25	12T25	1 189
844	12C27	12R27	12T27	1 250
906	12C29	12R29	12T29	1 312
969	12C31	12R31	12T31	1 375
1 031	12C33	12R33	12T33	1 438
1 094	12C35	12R35	12T35	1 500
1 156	12C37	12R37	12T37	1 562
1 219	12C39	12R39	12T39	1 625
1 281	12C41	12R41	12T41	1 688
1 344	12C43	12R43	12T43	1 750
1 406	12C45	12R45	12T45	1 812
1 469	12C47	12R47	12T47	1 875
1 531	12C49	12R49	12T49	1 938
1 594	12C51	12R51	12T51	2 000
1 656	12C53	12R53	12T53	2 062
1 719	12C55	12R55	12T55	2 125
1 781	12C57	12R57	12T57	2 188
1 844	12C59	12R59	12T59	2 250
1 906	12C61	12R61	12T61	2 312
1 969	12C63	12R63	12T63	2 375
2 031	12C65	12R65	12T65	2 438
2 094	12C67	12R67	12T67	2 500
2 156	12C69	12R69	12T69	2 562
2 219	12C71	12R71	12T71	2 625
2 281	12C73	12R73	12T73	2 688
2 344	12C75	12R75	12T75	2 750
2 406	12C77	12R77	12T77	2 812
2 469	12C79	12R79	12T79	2 875
2 531	12C81	12R81	12T81	2 938
2 594	12C83	12R83	12T83	3 000
2 656	12C85	12R85	12T85	3 062
2 719	12C87	12R87	12T87	3 125
2 781	12C89	12R89	12T89	3 188
2 844	12C91	12R91	12T91	3 250
2 906	12C93	12R93	12T93	3 312
2 969	12C95	12R95	12T95	3 375
3 031	12C97	12R97	12T97	3 438
3 094	12C99	12R99	12T99	3 500
3 156	12C101	12R101	12T101	3 562
3 219	12C103	12R103	12T103	3 625
3 281	12C105	12R105	12T105	3 688
3 344	12C107	12R107	12T107	3 750
3 406	12C109	12R109	12T109	3 812
3 469	12C111	12R111	12T111	3 875
3 531	12C113	12R113	12T113	3 938
3 594	12C115	12R115	12T115	4 000
3 656	12C117	12R117	12T117	4 062
3 719	12C119	12R119	12T119	4 125
3 781	12C121	12R121	12T121	4 188
3 844	12C123	12R123	12T123	4 250
3 906	12C125	12R125	12T125	4 312
3 969	12C127	12R127	12T127	4 375
4 031	12C129	12R129	12T129	4 438
4 094	12C131	12R131	12T131	4 500
4 156	12C133	12R133	12T133	4 562
4 219	12C135	12R135	12T135	4 625
4 281	12C137	12R137	12T137	4 688

SEE SHEET 3 FOR 1/ 2/ AND 3/

PREPARING ACTIVITY DLA-IS

CUSTODIANS ARMY-AR NAVY-AS

AIR FORCE-99 DLA-

REVIEW AV ME, MI, 82

USER

PROJECT NUMBER 5315-0489

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET

TITLE

PIN, STRAIGHT, HEADED,
DRILLED SHANK

SPECIFICATION SHEET NUMBER

MS20392

14 FEB 1995

REV F

SUPERSEDING

MS20392 E 12 JULY 1984 (SEE NOTE 8.)

AMSC- N/A

FSC 5315

A Approved for public release distribution is unlimited

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PREVIOUS EDITIONS ARE OBSOLETE

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THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE