

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-R-8814

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

Form Approved
OMB No 0704-0188

(M) 100' ± 1 AL ALLOY
100' ± 1.5 MONEL A-286
AND STEEL

ØB(b)

ØA(a)

SLEEVE

E(M)

TYPE E
CHEMICALLY EXPANDED
(SEE NOTE 1)

TYPE F
FLUSH STEM
(SEE NOTE 1)

TYPE H
FLUSH STEM
(SEE NOTE 1)

TYPE W
SERRATED STEM
(SEE NOTE 1)

TYPE C
MANDREL LOADED

(a) 001 SHANK DIAMETER INCREASE PERMISSIBLE WITHIN 100 INCH OF HEAD
(b) MAXIMUM HEAD DIAMETERS ARE THEORETICAL SHARP CORNERS AS MEASURED BY PROJECTION

REQUIREMENTS

1 MATERIAL AND FINISH AS FOLLOWS

COMPONENT	MATERIAL	FINISH AND LUBRICATION
SLEEVE	CARBON STEEL 1008 1012 (1018) PER ASTM A-510	CADMIUM PLATE PER QQ-P-416 TYPE II CLASS 2
STEM	CARBON STEEL PER ASTM A-510	CADMIUM PLATE PER QQ-P-416 TYPE II CLASS 2
SLEEVE STEM	A286 CRES PER AMS 5731 305 CRES PER ASTM A-493	PASSIVATE PER QQ-P-35 AND LUBRICATE PER MIL-L-46010 TYPE I PASSIVATE PER QQ-P-35
SLEEVE STEM	A286 CRES PER AMS 5731 305 CRES PER ASTM A-493	CADMIUM PLATE PER QQ-P-416 TYPE II CLASS 2 PASSIVATE PER QQ-P-35
SLEEVE	5056 AL ALLOY PER QQ-A-430	ANODIZE PER MIL-A-8625 TYPE II CLASS 1 OR CHEMICAL SURFACE TREATMENT PER MIL-C-5541 CLASS 1A AS REQUIRED FOR CORROSION PROTECTION
STEM	CARBON STEEL PER ASTM A-510	
SLEEVE	2117 AL ALLOY PER QQ-A-430	ANODIZE PER MIL-A-8625 TYPE I CLASS 1 OR CHEMICAL SURFACE TREATMENT PER MIL-C-5541 CLASS 1A AS REQUIRED FOR CORROSION PROTECTION
STEM	CARBON STEEL PER ASTM A-510	
SLEEVE STEM	MONEL PER QQ-N-281 CLASS A CARBON STEEL PER ASTM A-510	CADMIUM PLATE PER QQ-P-416 TYPE II CLASS 2 AS REQUIRED FOR CORROSION PROTECTION (SEE NOTE 1)
SLEEVE STEM	MONEL PER QQ-N-281 CLASS A CARBON STEEL PER ASTM A-510	SILVER PLATE PER QQ-S-385 AS REQUIRED FOR CORROSION PROTECTION
SLEEVE STEM	MONEL PER QQ-N-281 CLASS A CARBON STEEL PER ASTM A-510	WAX CARBO WAX AS REQUIRED FOR CORROSION PROTECTION
SLEEVE STEM	MONEL PER QQ-N-281 CLASS A CARBON STEEL PER ASTM A-510	DRY FILM LUBE PER MIL-L-46010 TYPE I AS REQUIRED FOR CORROSION PROTECTION

(M) DENOTES CHANGE(S)

INCH-POUND

PREPARING ACTIVITY DLA-IS CUSTODIANS ARMY- AR NAVY- AS AIR FORCE- 99 DIA- REVIEW AV IS MI, NS, SM, 82 USER PROJECT NUMBER 5320-0817	MILITARY SPECIFICATION SHEET TITLE RIVET, BLIND, NONSTRUCTURAL, 100' FLUSH HEAD, CLASS 2	SPECIFICATION SHEET NUMBER 28 JUN 94 MS20605 REV M SUPERSEDING MS20605 L 28 DEC 92 AMSC- N/A FSC 5320
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DISTRIBUTION STATEMENT A Approved for public release distribution is unlimited

Page 1 of 9

DD Form 672, MAY 88

PREVIOUS EDITIONS ARE OBSOLETE

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NOTES

- 1 DIMENSIONS IN INCHES
- 2 FOR LIMITATIONS FOR DESIGN USAGE USE STANDARD MS33557
- 3 FOR STRUCTURAL BLIND RIVETS USE STANDARDS MS20600 MS20601
- 4 COLOR 5056 ALUMINUM ALLOY RIVETS SHALL BE SUITABLY IDENTIFIED BY AN ORANGE COLOR IN ACCORDANCE WITH FEDERAL STD NO 595 COLOR NO 32246
- 5 EXAMPLE OF PART NUMBER

MS20605 S 4 W 2 = CARBON STEEL (1008 1012 1018) 125 DIA WITH 063 TO 125 GRIP RANGE SERRATED STEM

INDICATES GRIP RANGE IN 0825 INCH INCREMENTS

- W INDICATES SERRATED STEM RIVET
- C INDICATES MANDREL LOADED RIVET (SEE NOTE 11)
- T INDICATES PLAIN STEM RIVET (SEE NOTE 8)
- E INDICATES CHEMICALLY EXPANDED RIVET (SEE NOTE 6)
- H INDICATES DRIVE PIN RIVET (SEE NOTE 8)
- K INDICATES KNOB STEM RIVET (SEE NOTE 7)

INDICATES RIVET SLEEVE DIA IN 0312 INCH INCREMENTS

- B INDICATES 5056 ALUMINUM ALLOY (SEE NOTE 11)
- AD INDICATES 2117 ALUMINUM ALLOY
- S INDICATES CARBON STEEL (1008 1012 1018)
- R INDICATES CRES RIVET WITH PASSIVATED STEM AND PASSIVATED SLEEVE WITH DRI FILM LUBE
- H INDICATES CRES RIVET WITH PASSIVATED STEM AND PLATED SLEEVE
- FL INDICATES MONEL RIVET WITH DRY FILM LUBE
- CA INDICATES MONEL RIVET WITH WWM CARBO WAX
- ML INDICATES MONEL RIVET WITH SILVER PLATE
- MP INDICATES MONEL RIVET WITH CADMIUM PLATE (SEE NOTE 12)
- M INDICATES MONEL RIVET WITH NO FINISH (SEE NOTE 10)

BASIC MS NUMBER

- 6 CHEMICALLY EXPANDED RIVETS (TYPE E) CANCELLED AFTER 1 JANUARY 1964 NO SUPERSEDING DOCUMENT
- 7 KNOB STEM RIVETS (TYPE K) CANCELLED AFTER 3 MARCH 1969 USE SERRATED STEM (TYPE W)
- 8 DRIVE PIN RIVETS (TYPE H) CANCELLED AFTER 3 MARCH 1969 USE MS24661
- 9 PLAIN STEM RIVETS (TYPE T) ARE INACTIVE FOR NEW DESIGN AFTER 1 NOVEMBER 1986
- 10 PLAIN MONEL RIVETS INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969
- 11 MANDREL LOADED ALUMINUM ALLOY 5056 RIVETS INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969
- 12 CADMIUM PLATED MONEL RIVETS ARE INACTIVE FOR NEW DESIGN AFTER 24 JULY 1969
- 13 SINCE AN EXAMPLE OF A PART NUMBER IS ILLUSTRATED IN NOTE 5 PAGES 3 THRU 9 LISTING PART NUMBER SUFFIXES HAVE BEEN DELETED
- (M) 14 LUBE MAY BE ADDED AS REQUIRED FOR PERFORMANCE
- (M) 15 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
- (M) 16 OTHERWISE SPECIFIED ISSUES OF REFERENCED DOCUMENTS ARE THOSE IN EFFECT AT THE TIME OF SOLICITATION

PREPARING ACTIVITY DLA-IS CUSTODIANS ARMY- AR NAVY- AS AIR FORCE- 99 DLA- REVIEW AV IS MI, NS SH, 82 USER PROJECT NUMBER 5320-0817	MILITARY SPECIFICATION SHEET TITLE RIVET, BLIND, NONSTRUCTURAL, 100' FLUSH HEAD CLASS 2	SPECIFICATION SHEET NUMBER MS20605 28 JUN 94 REV M SUPERSEDING MS20605 L 28 DEC 92 AMCC- N/A FSC 5320
DISTRIBUTION STATEMENT A. Approved for public release distribution is unlimited		Page 2 of 9

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PREVIOUS EDITIONS ARE OBSOLETE

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OMR No 0704-0155NICKEL - COPPER ALLOY (MONEL)
CADMIUM PLATED
(SEE NOTE 12)

A	FLUSH HEAD			
	B	C	E (M)	
.003 - .002	.004 (M)	(REF)	MIN	MAX
.094	.179	.036	.008	.015
.126	.225	.042	.002	.045
.156	.286	.055	.006	.015
.187	.353	.070	.002	.015
.250	.476	.095	.002	.015

CHEMICALLY EXPANDED	MANOREL LOADED	PLAIN STEM	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	MIN	MAX		
# 094 NOMINAL							
3E1	3C1	3T1	3W1	.015	.062	.140	.381
3E2	3C2	3T2	3W2	.063	.125	.203	.284
3E3	3C3	3T3	3W3	.126	.187	.265	.343
3E4	3C4	3T4	3W4	.188	.260	.328	.406
# 115 NOMINAL							
4E1	4C1	4T1	4W1	.015	.062	.178	.236
4E2	4C2	4T2	4W2	.063	.126	.232	.318
4E3	4C3	4T3	4W3	.126	.187	.296	.381
4E4	4C4	4T4	4W4	.188	.250	.357	.443
4E5	4C5	4T5	4W5	.251	.312	.420	.506
4E6	4C6	4T6	4W6	.312	.375	.482	.568
4E7	4C7	4T7	4W7	.375	.437	.544	.630
4E8	4C8	4T8	4W8	.437	.500	.607	.693
# 156 NOMINAL							
5E2	5C2	5T2	5W2	.015	.125	.274	.440
5E4	5C4	5T4	5W4	.126	.250	.399	.560
5E6	5C6	5T6	5W6	.251	.375	.524	.690
5E8	5C8	5T8	5W8	.376	.500	.679	.810
# 187 NOMINAL							
6E2	6C2	6T2	6W2	.015	.125	.301	.480
6E4	6C4	6T4	6W4	.126	.250	.406	.600
6E6	6C6	6T6	6W6	.251	.375	.551	.720
6E8	6C8	6T8	6W8	.376	.500	.706	.940
6E10	6C10	6T10	6W10	.501	.625	.801	.980
6E12	6C12	6T12	6W12	.626	.750	.926	1.100
6E14	6C14	6T14	6W14	.751	.875	1.051	1.220
# 250 NOMINAL							
8E2	8C2	8T2	8W2	.015	.125	.342	.520
8E4	8C4	8T4	8W4	.126	.250	.447	.650
8E6	8C6	8T6	8W6	.251	.375	.572	.770
8E8	8C8	8T8	8W8	.376	.500	.697	.890
8E10	8C10	8T10	8W10	.501	.625	.822	1.020
8E12	8C12	8T12	8W12	.626	.750	.947	1.158
8E14	8C14	8T14	8W14	.751	.875	1.072	1.270
8E16	8C16	8T16	8W16	.876	1.000	1.195	1.400

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PREPARING ACTIVITY DLA-IS
CUSTODIANS ARMY- AR NAVY AS
AIR FORCE- 99 DLA-
REVIEW AV, IS, MI NS, SH, B2
USER
PROJECT NUMBER 5320-0817

MILITARY SPECIFICATION SHEET

TITLE
RIVET, BLIND, NONSTRUCTURAL
100 FLUSH HEAD, CLASS 2

SPECIFICATION SHEET NUMBER

MS20605

28 JUN 94
REV M

SUPERSEDING

MS20605 L

28 DEC 92

AMSC- N/A

FSC 5320

DISTRIBUTION STATEMENT

A Approved for public release distribution is unlimited

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THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THE "H" ISSUE OF THE DOORS SPECIFIED IN THE SOLICITATION MIL-R-8814

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Form Approved
OMB No. 0704-0188

NICKEL - COPPER ALLOY (MONEL)
(SEE NOTES 6 9 10)

#A	FLUSH HEAD			
	B (M) ± 004	C (REF)	E (M)	
			MIN	MAX
+ 003 - 002				
094	179	036	002	015
125	225	042	002	015
156	286	055	002	015
187	353	070	002	015
250	476	095	002	015

CHEMICALLY EXPANDED	MANDREL LOADED	PLAIN STEM	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	MIN	MAX		
# 094 NOMINAL							
3C1	3C1	3T1	3W1	015	062	140	281
3C2	3C2	3T2	3W2	063	125	203	281
3C3	3C3	3T3	3W3	126	187	265	343
3C4	3C4	3T4	3W4	188	250	328	405
# 125 NOMINAL							
4C1	4C1	4T1	4W1	015	062	170	256
4C2	4C2	4T2	4W2	063	125	232	318
4C3	4C3	4T3	4W3	126	187	295	381
4C4	4C4	4T4	4W4	188	250	357	443
4C5	4C5	4T5	4W5	251	312	420	506
4C6	4C6	4T6	4W6	313	375	482	568
4C7	4C7	4T7	4W7	376	437	544	630
4C8	4C8	4T8	4W8	438	500	607	693
# 156 NOMINAL							
5C2	5C2	5T2	5W2	015	125	274	440
5C4	5C4	5T4	5W4	126	250	399	560
5C6	5C6	5T6	5W6	251	375	524	690
5C8	5C8	5T8	5W8	376	500	679	810
# 187, NOMINAL							
6C2	6C2	6T2	6W2	015	125	301	480
6C4	6C4	6T4	6W4	126	250	426	600
6C6	6C6	6T6	6W6	251	375	551	720
6C8	6C8	6T8	6W8	376	500	706	840
6C10	6C10	6T10	6W10	501	625	801	970
6C12	6C12	6T12	6W12	626	750	926	1 100
6C14	6C14	6T14	6W14	751	875	1 051	1 220
# 250 NOMINAL							
8C2	8C2	8T2	8W2	015	125	342	520
8C4	8C4	8T4	8W4	126	250	447	650
8C6	8C6	8T6	8W6	251	375	572	770
8C8	8C8	8T8	8W8	376	500	697	890
8C10	8C10	8T10	8W10	501	625	822	1 020
8C12	8C12	8T12	8W12	626	750	947	1 150
8C14	8C14	8T14	8W14	751	875	1 072	1 270
8C16	8C16	8T16	8W16	876	1 000	1 195	1 400

PREPARING ACTIVITY DLA-15

CUSTODIANS ARMY- AR NAVY- AS

AIR FORCE- 11 DLA-

REVIEW AV 15, MI NS, SH 82

USER

PROJECT NUMBER 5320-0817

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET

TITLE

RIVET, BLIND, NONSTRUCTURAL
100' FLUSH HEAD CLASS 2

SPECIFICATION SHEET NUMBER

MS20605

28 JUN 94
REV M

SUPERSEDING

MS20605 L

28 DEC 92

AMSC- N/A

FSC 5320

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DD Form 672, MAY 88

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Form Approved
OMB No 0704-0188

ALUMINUM ALLOY 5056

(SEE NOTES 6 9 11)

#A	FLUSH HEAD			
	B (M) ± .004	C (REF)	E (M)	
			MIN	MAX
+ .003 - .001				
094	179	036	002	010
125	225	042	002	012
156	286	055	002	012
187	353	070	002	014
250	476	095	002	016

CHEMICALLY EXPANDED	WANDER LOADED	PLAIN STEM	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	MIN	MAX		
# 094, NOMINAL							
3E1	3C1	3T1	3W1	015	062	140	281
3E2	3C2	3T2	3W2	063	125	203	281
3E3	3C3	3T3	3W3	126	187	265	343
3E4	3C4	3T4	3W4	188	250	328	405
# 125 NOMINAL							
4E1	4C1	4T1	4W1	015	062	170	256
4E2	4C2	4T2	4W2	063	125	232	318
4E3	4C3	4T3	4W3	126	187	295	381
4E4	4C4	4T4	4W4	188	250	357	443
4E5	4C5	4T5	4W5	251	312	420	506
4E6	4C6	4T6	4W6	313	375	482	568
4E7	4C7	4T7	4W7	376	437	544	630
4E8	4C8	4T8	4W8	438	500	607	693
# 156 NOMINAL							
5E2	5C2	5T2	5W2	015	125	274	440
5E4	5C4	5T4	5W4	126	250	399	560
5E6	5C6	5T6	5W6	251	375	524	690
5E8	5C8	5T8	5W8	376	500	679	810
# 187 NOMINAL							
6E2	6C2	6T2	6W2	015	125	301	480
6E4	6C4	6T4	6W4	126	250	426	600
6E6	6C6	6T6	6W6	251	375	551	720
6E8	6C8	6T8	6W8	376	500	706	840
6E10	6C10	6T10	6W10	501	625	801	970
6E12	6C12	6T12	6W12	626	750	926	1 100
6E14	6C14	6T14	6W14	751	875	1 051	1 220
# 250 NOMINAL							
8E2	8C2	8T2	8W2	015	125	342	520
8E4	8C4	8T4	8W4	126	250	447	650
8E6	8C6	8T6	8W6	251	375	572	770
8E8	8C8	8T8	8W8	376	500	697	890
8E10	8C10	8T10	8W10	501	625	822	1 020
8E12	8C12	8T12	8W12	626	750	947	1 150
8E14	8C14	8T14	8W14	751	875	1 072	1 270
8E16	8C16	8T16	8W16	876	1 000	1 195	1 400

PREPARING ACTMITY DLA-IS

CUSTODIANS ARMY- AR NAVY- AS

AIR FORCE- 11 DLA-

REVIEW AV, IS MI, NS SH, 82

USER

PROJECT NUMBER 3320-0817

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET

TITLE

RIVET, BLIND, NONSTRUCTURAL,
100' FLUSH HEAD, CLASS 2

SPECIFICATION SHEET NUMBER

MS20605

28 JUN 94

REV M

SUPERSEDING

MS20605 L

28 DEC 92

AMSC- N/A

FSC 5320

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Form Approved
OMB No. 0704-0188

ALUMINUM ALLOY 2117

(SEE NOTES 6 AND 9)

ØA	FLUSH HEAD			
	B (M) ± .004	C (REF)	E (M)	
			MIN	MAX
.094	.175	.036	.002	.010
.125	.275	.042	.002	.012
.156	.286	.055	.002	.012
.187	.353	.070	.002	.014
.250	.476	.095	.002	.016

CHEMICALLY EXPANDED	MANDREL LOADED	PLAIN STEM	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	MIN	MAX		
Ø .094 NOMINAL							
3E1	3C1	3T1	3W1	.015	.062	.140	.281
3E2	3C2	3T2	3W2	.063	.125	.203	.281
3E3	3C3	3T3	3W3	.126	.187	.265	.343
3E4	3C4	3T4	3W4	.188	.250	.328	.405
3E5	3C5	3T5	3W5	.251	.312	.390	.468
3E6	3C6	3T6	3W6	.313	.375	.453	.530
Ø .125 NOMINAL							
4E1	4C1	4T1	4W1	.015	.062	.170	.256
4E2	4C2	4T2	4W2	.063	.125	.232	.318
4E3	4C3	4T3	4W3	.126	.187	.295	.381
4E4	4C4	4T4	4W4	.188	.250	.357	.443
4E5	4C5	4T5	4W5	.251	.312	.420	.506
4E6	4C6	4T6	4W6	.313	.375	.482	.568
4E7	4C7	4T7	4W7	.376	.437	.544	.630
4E8	4C8	4T8	4W8	.438	.500	.607	.693
Ø .156, NOMINAL							
5E2	5C2	5T2	5W2	.015	.125	.274	.440
5E4	5C4	5T4	5W4	.126	.250	.399	.560
5E6	5C6	5T6	5W6	.251	.375	.524	.690
5E8	5C8	5T8	5W8	.376	.500	.679	.810
Ø .187 NOMINAL							
6E2	6C2	6T2	6W2	.015	.125	.301	.480
6E4	6C4	6T4	6W4	.126	.250	.426	.600
6E6	6C6	6T6	6W6	.251	.375	.551	.720
6E8	6C8	6T8	6W8	.376	.500	.706	.840
6E10	6C10	6T10	6W10	.501	.625	.801	.970
6E12	6C12	6T12	6W12	.626	.750	.926	1.100
6E14	6C14	6T14	6W14	.751	.875	1.051	1.220
Ø .250 NOMINAL							
8E2	8C2	8T2	8W2	.015	.125	.342	.520
8E4	8C4	8T4	8W4	.015	.250	.447	.650
8E6	8C6	8T6	8W6	.251	.375	.572	.770
8E8	8C8	8T8	8W8	.376	.500	.697	.890
8E10	8C10	8T10	8W10	.501	.625	.822	1.020
8E12	8C12	8T12	8W12	.626	.750	.947	1.150
8E14	8C14	8T14	8W14	.751	.875	1.072	1.270
8E16	8C16	8T16	8W16	.876	1.000	1.195	1.400

PREPARING ACTIVITY DLA-15

CUSTODIANS ARMY- AR NAVY- AS

AIR FORCE- 11 DLA

REVIEW BY IS MI NS, SH B2

USER

PROJECT NUMBER 5320-0817

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET

TITLE

RIVET, BLIND, NONSTRUCTURAL,
100 FLUSH HEAD, CLASS 2

SPECIFICATION SHEET NUMBER

MS20605

28 JUN 94
REV M

SUPERSEDING

MS20605.1 28 DEC 92

AMSC- N/A

FSC 5320

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PREVIOUS EDITIONS ARE OBSOLETE

Form Approved
OMB No 0704-0186CRES A286 - SLEEVE
CRES 305 - STEM

SLEEVE AND STEM - PASSIVATE PER QQ-P-35

BA	FLUSH HEAD			
	B (M) ± 004	C (REF)	E (M)	
			MIN	MAX
+ 003				
- 002				
094	179	036	002	015
125	225	042	002	015
156	286	055	002	015
187	353	070	002	015
250	476	095	002	015

# 094 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
3C1	3W1	UP TO	062	140	218
3C2	3W2	063	125	203	281
3C3	3W3	126	187	265	343
3C4	3W4	188	250	328	405
3C5	3W5	251	312	390	468
3C6	3W6	313	375	453	530
3C7	3W7	376	437	515	592
3C8	3W8	438	500	578	655
3C9	3W9	501	562	640	718
3C10	3W10	563	625	705	780
3C11	3W11	626	687	765	843
3C12	3W12	688	750	828	905

# 125 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
4C1	4W1	UP TO	062	170	256
4C2	4W2	063	125	232	318
4C3	4W3	126	187	295	381
4C4	4W4	188	250	357	443
4C5	4W5	251	312	420	506
4C6	4W6	313	375	482	568
4C7	4W7	376	437	544	630

# 156 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
5C2	5W2	063	125	254	352
5C3	5W3	126	187	317	425
5C4	5W4	188	250	379	477
5C5	5W5	251	312	441	534
5C6	5W6	313	375	504	601
5C7	5W7	376	437	567	665
5C8	5W8	438	500	629	727

# 187 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
6C3	6W3	126	187	340	440
6C4	6W4	188	250	402	502
6C5	6W5	251	312	465	565
6C6	6W6	313	375	527	627
6C7	6W7	376	437	590	690
6C8	6W8	438	500	652	752
6C9	6W9	501	562	715	815
6C10	6W10	563	625	777	877
6C11	6W11	626	687	840	940
6C12	6W12	688	750	902	1 002

# 250 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
8C3	8W3	126	187	385	506
8C4	8W4	188	250	447	568
8C5	8W5	251	312	510	631
8C6	8W6	313	375	572	693
8C7	8W7	376	437	635	756
8C8	8W8	438	500	697	818
8C9	8W9	501	562	760	881
8C10	8W10	563	625	822	943
8C11	8W11	626	687	885	1 005
8C12	8W12	688	750	947	1 068

PREPARING ACTMITY DLA-IS
CUSTODIANS ARMY-AR NAVY-AS
AIR FORCE-11 DLA-
REVIEW AV, IS, MI, NS, SH, BT
USER
PROJECT NUMBER 5320-0817
DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET
TITLE
RIVET, BLIND, NONSTRUCTURAL,
100' FLUSH HEAD, CLASS 2

SPECIFICATION SHEET NUMBER
MS20605 28 JUN 94
REV M

SUPERSEDING
MS20605 L 28 DEC 82
AMSC- N/A FSC 5320

A Approved for public release distribution is unlimited

Page 7 of 8

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 DRAWING SPECIFIED IN THE SOLICITATION MIL-R-8814

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

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Form Approved
OMB No 0704-0188

CRES A286 - SLEEVE
CRES 305 - STEM

SLEEVE - CADMIUM PLATE PER QQ-P-416
STEM - PASSIVATE PER QQ-P-35

# 094 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
3C1	3W1	UP TO	062	140	218
3C2	3W2	063	125	203	281
3C3	3W3	126	187	265	343
3C4	3W4	188	250	328	405
3C5	3W5	251	312	390	468
3C6	3W6	313	375	453	530
3C7	3W7	376	437	515	582
3C8	3W8	438	500	578	655
3C9	3W9	501	562	640	718
3C10	3W10	563	625	705	780
3C11	3W11	626	687	765	843
3C12	3W12	688	750	828	905

# 156 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
5C2	5W2	063	125	254	352
5C3	5W3	126	187	317	425
5C4	5W4	188	250	379	477
5C5	5W5	251	312	441	539
5C6	5W6	313	375	504	601
5C7	5W7	376	437	567	665
5C8	5W8	438	500	629	727

# 250 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
8C3	8W3	126	187	385	506
8C4	8W4	188	250	447	568
8C5	8W5	251	312	510	631
8C6	8W6	313	375	572	693
8C7	8W7	376	437	635	756
8C8	8W8	438	500	697	818
8C9	8W9	501	562	760	881
8C10	8W10	563	625	822	943
8C11	8W11	626	687	885	1005
8C12	8W12	688	750	947	1068

#A	FLUSH HEAD			
+ 003 - 002	B (M) ± 004	C (REF)	E (M)	
			MIN	MAX
094	179	D36	002	015
125	225	042	002	015
156	286	055	002	015
187	353	070	002	015
250	476	095	002	015

# 125 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
4C1	4W1	UP TO	062	171	256
4C2	4W2	063	125	232	318
4C3	4W3	126	187	295	381
4C4	4W4	188	250	357	443
4C5	4W5	251	312	420	506
4C6	4W6	313	375	482	568
4C7	4W7	376	437	544	630

# 187 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
6C3	6W3	126	187	340	440
6C4	6W4	188	250	402	502
6C5	6W5	251	312	465	565
6C6	6W6	313	375	527	627
6C7	6W7	376	437	590	690
6C8	6W8	438	500	652	752
6C9	6W9	501	562	715	815
6C10	6W10	563	625	777	877
6C11	6W11	626	687	840	940
6C12	6W12	688	750	902	1002

PREPARING ACTIVITY DLA-IS
CUSTODIANS ARMY-AR NAVY-AS
AIR FORCE-11 DLA-

REVIEW BY IS, MI, NS, SH, 82
USER
PROJECT NUMBER 5320-0817

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET
TITLE

RIVET, BLIND, NONSTRUCTURAL,
100° FLUSH HEAD CLASS 2

SPECIFICATION SHEET NUMBER
MS20605 28 JUN 94
REV M

SUPERSEDING
MS20605 1 28 DEC 92

AMSC N/A FSC 5320

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Page 1 of 1

DD Form 672, MAY 88

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STEEL 1008 1012 1018

# 394 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
3C1	3W1	UP TO	062	140	218
3C2	3W2	063	125	203	281
3C3	3W3	126	187	265	343
3C4	3W4	188	250	328	405
3C5	3W5	251	312	390	468
3C6	3W6	313	375	453	530
3C7	3W7	376	437	515	592
3C8	3W8	438	500	578	655
3C9	3W9	501	562	640	718
3C10	3W10	563	625	705	780
3C11	3W11	626	687	765	843
3C12	3W12	688	750	828	905

# 156 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
5C2	5W2	063	125	254	352
5C3	5W3	126	187	317	425
5C4	5W4	188	250	379	477
5C5	5W5	251	312	441	539
5C6	5W6	313	375	504	601
5C7	5W7	376	437	567	665
5C8	5W8	438	500	629	727

# 250 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
8C3	8W3	126	187	385	506
8C4	8W4	188	250	447	568
8C5	8W5	251	312	510	631
8C6	8W6	313	375	572	693
8C7	8W7	376	437	635	756
8C8	8W8	438	500	697	818
8C9	8W9	501	562	760	881
8C10	8W10	563	625	822	943
8C11	8W11	626	687	885	1005
8C12	8W12	688	750	947	1068

#A	FLUSH HEAD			
	B (M)	C (REF)	E (M)	
	± 004		MIN	MAX
+ 003	179	036	002	015
- 002	225	042	002	015
	286	055	002	015
	353	070	002	015
	476	095	002	015

# 125 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
4C1	4W1	UP TO	062	170	256
4C2	4W2	063	125	232	318
4C3	4W3	126	187	295	381
4C4	4W4	188	250	357	443
4C5	4W5	251	312	420	506
4C6	4W6	313	375	482	568
4C7	4W7	376	437	544	630

# 187 NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH	F
SUFFIX CODE	SUFFIX CODE	MIN	MAX	MAX	MAX
6C3	6W3	126	187	340	440
6C4	6W4	188	250	402	502
6C5	6W5	251	312	465	565
6C6	6W6	313	375	527	627
6C7	6W7	376	437	590	690
6C8	6W8	438	500	652	752
6C9	6W9	501	562	715	815
6C10	6W10	563	625	777	877
6C11	6W11	626	687	840	940
6C12	6W12	688	750	902	1002

PREPARING ACTIVITY DLA-15

CUSTODIANS ARMY-AR

NAVY-AS

AIR FORCE-11

DLA-

REVIEW AV, IS, MI, NS, SM, SZ

USER

PROJECT NUMBER 5320-0817

DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET

TITLE

RIVET, BLIND, NONSTRUCTURAL,
100 FLUSH HEAD, CLASS 2

SPECIFICATION SHEET NUMBER

MS20605

28 JUN 94
REV M

SUPERSEDING

MS20805 L 28 DEC 92

AMSC- N/A

FSC 5320

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