

INCH-POUND

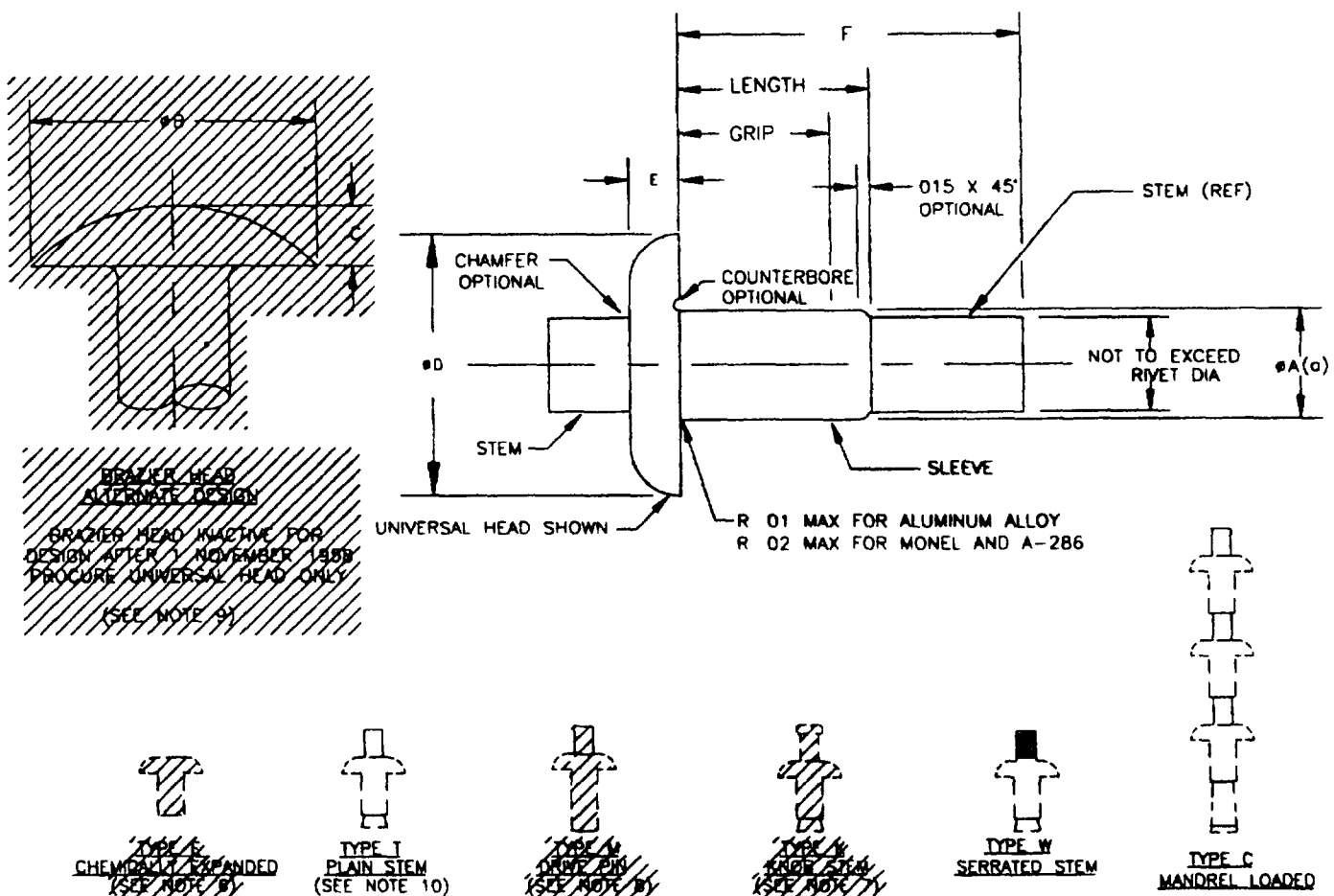
MS20604K  
8 DECEMBER 1995  
SUPERSEDING  
MS20604J  
28 DECEMBER 1992

## MILITARY SPECIFICATION SHEET

RIVET, BLIND, NONSTRUCTURAL,  
UNIVERSAL HEAD, CLASS 1

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

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST  
OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING DOCUMENT  
LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS  
AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION MIL-R-8814



(a) OUT SHANK DIAMETER INCREASE PERMISSIBLE WITHIN 100 INCHES OF BASE OF HEAD

(K) ENTIRE SPECIFICATION REVISED

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## REQUIREMENTS

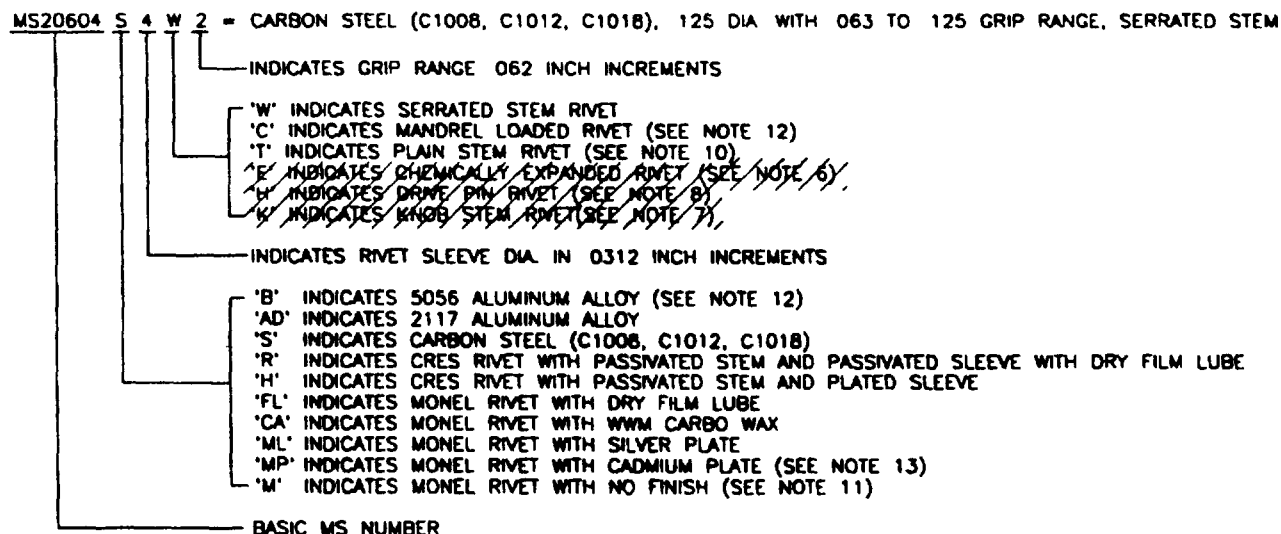
## 1 MATERIAL AND FINISH AS FOLLOWS

COMPONENT	MATERIAL	FINISH AND LUBRICATION
SLEEVE	CARBON STEEL, C1008 (UNS G10080), C1012 (UNS G10120), C1018 (UNS G10180), PER ASTM A510	CADMIUM PLATE PER QQ-P-416 TYPE II, CLASS 2
STEM	CARBON STEEL PER ASTM A510	CADMIUM PLATE PER QQ-P-416 TYPE II, CLASS 2
SLEEVE STEM	A286 CRES PER AMS 5731 305 CRES PER ASTM A493	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 A493	CADMIUM PLATE PER QQ-P-416 TYPE II, CLASS 2 PASSIVATE PER QQ-P-35
SLEEVE STEM	5056 AL ALLOY PER QQ-A-430 CARBON STEEL PER ASTM A510	ANODIZE PER MIL-A-8625 TYPE II, CLASS 1 OR CHEMICAL SURFACE TREATMENT PER MIL-C-5541, CLASS 1A AS REQUIRED FOR CORROSION PROTECTION
SLEEVE STEM	2117 AL ALLOY PER QQ-A-430 CARBON STEEL PER ASTM A510	ANODIZE PER MIL-8625 TYPE I, CLASS 1 OR CHEMICAL SURFACE TREATMENT PER MIL-C-5541, CLASS 1A AS REQUIRED FOR CORROSION PROTECTION
SLEEVE STEM	MONEL PER QQ-N-281, CLASS A CARBON STEEL PER ASTM S545	CADMIUM PLATE PER QQ-P-416 TYPE II, CLASS 2 AS REQUIRED FOR CORROSION PROTECTION (SEE NOTE 13)
SLEEVE STEM	MONEL PER QQ-N-281, CLASS A CARBON STEEL PER ASTM A510	SILVER PLATE PER QQ-S-365 AS REQUIRED FOR CORROSION PROTECTION
SLEEVE STEM	MONEL PER QQ-N-281, CLASS A CARBON STEEL PER ASTM A510	WAX CARBO WAX AS REQUIRED FOR CORROSION PROTECTION
SLEEVE STEM	MONEL PER QQ-N-281, CLASS A CARBON STEEL PER ASTM A510	DRY FILM LUBE PER MIL-L-46010, TYPE I AS REQUIRED FOR CORROSION PROTECTION

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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 SIMILAR TO FEDERAL STD NO 595, COLOR NO 32246
- 5 EXAMPLE PART NUMBERS



- 6 CHEMICALLY EXPANDED RIVETS (TYPE E) CANCELLED AFTER 1 MARCH 1983 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 MS24662
- 9 BRAZIER HEAD CANCELLED AFTER 3 MARCH 1969, USE UNIVERSAL HEAD
- 10 PLAIN STEM RIVETS (TYPE T) ARE INACTIVE FOR NEW DESIGN AFTER 1 NOVEMBER 1986 USE SERRATED STEM (TYPE W)
- 11 MONEL RIVETS WITH NO FINISH ARE INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969
- 12 MANDREL LOADED ALUMINUM ALLOY 5056 RIVETS INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969
- 13 CADMIUM PLATED MONEL RIVETS ARE INACTIVE FOR DESIGN AFTER 24 JULY 1969
- 14 INTERCHANGEABILITY RELATIONSHIP MS20604 RIVETS CAN REPLACE THE CANCELLED MS20606 RIVETS IDENTIFIED BY THE SAME DASH NUMBERS. THE CANCELLED MS20606 PARTS CANNOT REPLACE THE MS20604 RIVETS AND SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED. USE ONLY THE SUPERSEDING MS PARTS OF THE SAME DASH NUMBERS FOR DESIGN AND REPLACEMENT
- 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.
- 16 UNLESS OTHERWISE SPECIFIED, ISSUES OF REFERENCED DOCUMENTS ARE THOSE IN EFFECT AT THE TIME OF SOLICITATION

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NICKEL - COPPER ALLOY (MONEL)  
CADMIUM PLATED TYPE MP

( INACTIVE FOR NEW DESIGN, SEE NOTE 13 )

#A	UNIVERSAL HEAD	
+ .003 - .002 MONEL	#D	E + .010 - .000
094	187 ± .009	.040
125	250 ± .012	.054
156	.312 ± .016	.067
187	375 ± .019	.080
250	500 ± .035	.107

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

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ALUMINUM ALLOY - 2117 TYPE AD

( SEE NOTES 6, AND 10)

ØA	UNIVERSAL HEAD	
+ .003 ALUMINUM - .001 ALLOY	ØD	E +.010 - .000
094	187 ± .009	040
125	250 ± .012	054
156	312 ± .016	067
187	375 ± .019	080
.250	500 ± .035	107

MANDREL LOADED	PLAIN STEM	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	MIN	MAX		
Ø 094, NOMINAL						
3C1	3T1	3W1	.015	.062	140	.281
3C2	3T2	3W2	.063	.125	203	.281
3C3	3T3	3W3	.126	.187	265	.343
3C4	3T4	3W4	.188	.250	328	.405
Ø 125, NOMINAL						
4C1	4T1	4W1	.015	.062	170	.256
4C2	4T2	4W2	.063	.125	232	.318
4C3	4T3	4W3	.126	.187	.295	.381
4C4	4T4	4W4	.188	.250	.357	.443
4C5	4T5	4W5	.251	.312	.420	.506
5C6	4T6	4W6	.318	.375	.482	.568
4C7	4T7	4W7	.376	.437	.544	.630
4C8	4T8	4W8	.438	.500	.607	.693
Ø 156, NOMINAL						
5C2	5T2	5W2	.015	.125	274	.440
5C4	5T4	5W4	.126	.250	399	.560
5C6	5T6	5W6	.251	.375	524	.690
5C8	5T8	5W8	.376	.500	679	.810
Ø 187, NOMINAL						
6C2	6T2	6W2	.015	.125	.301	.480
6C4	6T4	6W4	.126	.250	.426	.600
6C6	6T6	6W6	.251	.375	.551	.720
6C8	6T8	6W8	.376	.500	.706	.840
6C10	6T10	6W10	.501	.625	.801	.970
6C12	6T12	6W12	.626	.750	.926	1.100
6C14	6T14	6W14	.751	.875	1.051	1.220
Ø .250, NOMINAL						
8C2	8T2	8W2	.015	.125	.342	.520
8C4	8T4	8W4	.126	.250	.447	.650
8C6	8T6	8W6	.251	.375	.572	.770
8C8	8T8	8W8	.376	.500	.697	.890
8C10	8T10	8W10	.501	.625	.822	1.020
8C12	8T12	8W12	.626	.750	.947	1.158
8C14	8T14	8W14	.751	.875	1.072	1.270
8C16	8T16	8W16	.876	1.000	1.195	1.400

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## ALUMINUM ALLOY - 5056 TYPE B

( SEE NOTES 6, 10, AND 12 )

#A	UNIVERSAL HEAD	
+ .003 ALUMINUM - .001 ALLOY	#D	E + .010 - .000
094	187 ± .009	040
125	250 ± .012	054
156	312 ± .016	067
187	375 ± .019	080
250	500 ± .035	107

MANDREL LOADED	PLAIN STEM	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	MIN	MAX		
# 094, NOMINAL						
3C1	3T1	3W1	.015	.062	140	.281
3C2	3T2	3W2	.063	.125	203	.281
3C3	3T3	3W3	.126	.187	265	.343
3C4	3T4	3W4	.188	.250	328	.405
# 125, NOMINAL						
4C1	4T1	4W1	.015	.062	.170	.256
4C2	4T2	4W2	.063	.125	.232	.318
4C3	4T3	4W3	.126	.187	.295	.381
4C4	4T4	4W4	.188	.250	.357	.443
4C5	4T5	4W5	.251	.312	.420	.506
5C6	4T6	4W6	.318	.375	.482	.568
4C7	4T7	4W7	.376	.437	.544	.630
4C8	4T8	4W8	.438	.500	.607	.693
# 156, NOMINAL						
5C2	5T2	5W2	.015	.125	.274	.440
5C4	5T4	5W4	.126	.250	.399	.580
5C6	5T6	5W6	.251	.375	.524	.690
5C8	5T8	5W8	.376	.500	.679	.810
# 187, NOMINAL						
6C2	6T2	6W2	.015	.125	.301	.480
6C4	6T4	6W4	.126	.250	.426	.600
6C6	6T6	6W6	.251	.375	.551	.720
6C8	6T8	6W8	.376	.500	.706	.840
6C10	6T10	6W10	.501	.625	.801	.970
6C12	6T12	6W12	.626	.750	.926	1.100
6C14	6T14	6W14	.751	.875	1.051	1.220
# .250, NOMINAL						
8C2	8T2	8W2	.015	.125	.342	.520
8C4	8T4	8W4	.126	.250	.447	.650
8C6	8T6	8W6	.251	.375	.572	.770
8C8	8T8	8W8	.376	.500	.697	.890
8C10	8T10	8W10	.501	.625	.822	1.020
8C12	8T12	8W12	.626	.750	.947	1.158
8C14	8T14	8W14	.751	.875	1.072	1.270
8C16	8T16	8W16	.876	1.000	1.195	1.400

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NICKEL - COPPER ALLOY (MONEL) TYPE FL, CA, ML, M

( SEE NOTES 6, 10, AND 11)

#A	UNIVERSAL HEAD	
+ .003 - .002	#D	E + .010 - .000
094	187 ± .009	.040
125	250 ± .012	.054
156	312 ± .016	.067
187	375 ± .019	.080
250	500 ± .035	.107

MANDREL LOADED	PLAIN STEM	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	SUFFIX CODE	MIN	MAX		
# .094, NOMINAL						
3C1	3T1	3W1	.015	.062	140	.281
3C2	3T2	3W2	.063	125	203	.281
3C3	3T3	3W3	126	187	265	.343
3C4	3T4	3W4	.188	250	328	.405
# .125, NOMINAL						
4C1	4T1	4W1	.015	.062	170	.256
4C2	4T2	4W2	.063	125	232	.318
4C3	4T3	4W3	126	187	.295	.381
4C4	4T4	4W4	.188	250	357	.443
4C5	4T5	4W5	.251	312	420	.506
5C6	4T6	4W6	.318	375	482	.568
4C7	4T7	4W7	.376	437	544	.630
4C8	4T8	4W8	.438	.500	607	.693
# .156, NOMINAL						
5C2	5T2	5W2	.015	125	.274	.440
5C4	5T4	5W4	.126	250	.399	.560
5C6	5T6	5W6	.251	.375	524	.690
5C8	5T8	5W8	.376	500	679	.810
# .187, NOMINAL						
6C2	6T2	6W2	.015	125	301	.480
6C4	6T4	6W4	126	250	426	.600
6C6	6T6	6W6	.251	375	551	.720
6C8	6T8	6W8	.376	500	706	.840
6C10	6T10	6W10	.501	625	.801	.970
6C12	6T12	6W12	.626	750	.926	1.100
6C14	6T14	6W14	.751	.875	1.051	1.220
# .250, NOMINAL						
8C2	8T2	8W2	.015	125	.342	.520
8C4	8T4	8W4	126	.250	.447	.650
8C6	8T6	8W6	.251	.375	.572	.770
8C8	8T8	8W8	.376	500	.697	.890
8C10	8T10	8W10	.501	625	.822	1.020
8C12	8T12	8W12	.626	750	.947	1.158
8C14	8T14	8W14	.751	.875	1.072	1.270
8C16	8T16	8W16	.876	1.000	1.195	1.400

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STEEL - C1008, C1012, C1018 TYPE S

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

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

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

Ø A	UNIVERSAL HEAD	
+ .003 - .002 STEEL	Ø D	E + .010 - .000
.094	.187 ± .009	.040
.125	.250 ± .012	.054
.156	.312 ± .016	.067
.187	.375 ± .019	.080
.250	.500 ± .035	.107

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

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



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CRES A286 - SLEEVE TYPE H  
CRES 305 - STEM

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

#A	UNIVERSAL HEAD	
+ .003 - .002 STEEL	#D	E + .010 - .000
094	187 ± .009	040
125	250 ± .012	054
156	312 ± .016	067
187	375 ± .019	080
250	.500 ± .035	107

# 094, NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	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	250	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 MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	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	250	.312	420	506
4C6	4W6	313	375	482	.568
4C7	4W7	376	437	544	630

# 156, NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
5C2	5W2	.063	.125	254	352
5C3	5W3	126	187	317	.425
5C4	5W4	188	.250	379	477
5C5	5W5	250	312	441	.539
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 MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
6C3	6W3	126	187	340	440
6C4	6W4	188	250	402	.502
6C5	6W5	250	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 MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
8C3	8W3	126	187	385	.506
8C4	8W4	188	250	447	568
8C5	8W5	250	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

MS20604K

CRES A286 - SLEEVE TYPE R  
CRES 305 - STEM

SLEEVE AND STEM - PASSIVATED PER QQ-P-35

#A	UNIVERSAL HEAD	
+ .003 - .002 STEEL	#D	E + .010 - .000
094	187 ± .009	040
125	250 ± .012	054
156	312 ± .016	067
187	375 ± .019	080
250	500 ± .035	107

#.094, NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
3C1	3W1	UP TO 063	062	140	218
3C2	3W2		125	203	281
3C3	3W3	126	187	265	343
3C4	3W4	188	250	328	405
3C5	3W5	250	.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 MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
4C1	4W1	UP TO 063	062	.170	.256
4C2	4W2		125	.232	.318
4C3	4W3	126	187	.295	.381
4C4	4W4	188	250	.357	.443
4C5	4W5	250	.312	.420	.506
4C6	4W6	.313	.375	.482	.568
4C7	4W7	376	.437	.544	.630

#.156, NOMINAL					
MANDREL LOADED	SERRATED STEM	GRIP RANGE		LENGTH MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
5C2	5W2	.063	.125	.254	.352
5C3	5W3	126	.187	.317	.425
5C4	5W4	188	.250	.379	.477
5C5	5W5	.250	.312	.441	.539
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 MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
6C3	6W3	126	187	.340	.440
6C4	6W4	.188	.250	.402	.502
6C5	6W5	250	.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 MAX	F MAX
SUFFIX CODE	SUFFIX CODE	MIN	MAX		
8C3	8W3	126	187	.385	.506
8C4	8W4	188	250	.447	.568
8C5	8W5	250	.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

MS20604K

MILITARY INTERESTS

CUSTODIANS

ARMY - AR

NAVY - AS

AIR FORCE - 99

REVIEWER

ARMY - AV, ME

NAVY - SH

AIR FORCE - B2

NATIONAL SECURITY AGENCY - NS

PREPARING ACTIVITY

DLA-IS

(PROJECT 5320-0833)