

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: ML-F-8975

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

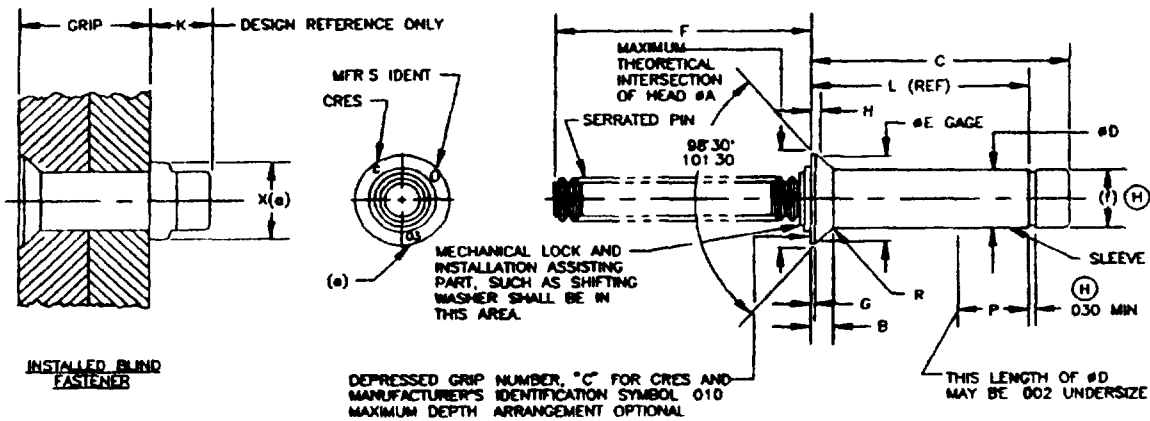


TABLE I FASTENER DIMENSIONS AND STRENGTHS.

SIZE DASH NUMBER (b)	NOM SIZE	#A	B	#D	#E	F	G	H	K		P	R	X	INSTALLED FASTENER		(H)		
									MAX	MIN				MIN ULTIMATE SINGLE SHEAR (LBS)	MIN ULTIMATE TENSILE (LBS)		HOLE LIMITS (REF)	
																		MAX
05	S05	U05	5/32	334	074	184 182	2832 2830	.844	011	.0208 0171	202	.120	215	010	195	1980	1150	167 164
06	S06	U06	3/16	387	.082	199 197	3272 3270	075	013	0243 0205	.231	146	250	015	238	2925	1680	202 199
-	-08	U08	1/4	508	108	260 258	4320 4318	1 000	017	.0310 0270	279	188	305	020	315	5000	2900	263 260
-	-10	U10	5/16	635	140	312 310	5451 5449	1 218	020	0367 0325	319	224	350	.025	373	7200	4170	315 312
-	-12	U12	3/8	763	168	374 372	6562 6560	1 562	023	0428 0380	364	264	405	030	448	10360	5970	377 374

- (a) MAXIMUM DIAMETER OF BLIND HEAD (X) SHALL NOT EXCEED MAXIMUM DIAMETER OF MANUFACTURED HEAD (A)
- (b) SIZES "05" AND "06" WITH "-" ARE INSTALLED WITH A DOUBLE ACTION TOOL. ALL OTHER SIZES ARE INSTALLED WITH A SINGLE ACTION TOOL. SIZES "U05" AND "U06" MAY BE INSTALLED WITH A DOUBLE OR SINGLE ACTION TOOL. SEE AMENDMENT 2 OF MIL-F-8975 FOR TOOL SELECTION CHART
- (H) (c) -05 -06 S05-S06, -08, -10, AND -12 ARE INACTIVE FOR NEW DESIGN AFTER 1 JAN 91 USE U05 U06, S05 AND S06
- (d) LETTER "U" SIGNIFIES SINGLE ACTION FASTENER WITHOUT FRANGIBLE TYPE OF LOCKING COLLAR OR LOCKING COLLAR CAP. "U" AND "S" CODE FASTENERS IN SIZES "05" AND "06" ARE COLOR IDENTIFIED GREEN ON LOCKING COLLAR, SHIFTING WASHER OR SERRATED PIN. "S" CODE FASTENERS MAY BE SUPPLIED WITH A LOCKING COLLAR CAP.
- (e) SINGLE DIGIT MARKING IS PERMISSIBLE FOR GRIP DASH NUMBERS LESS THAN 10
- (H) (f) DIAMETER OF SERRATED PIN HEAD SHALL NOT EXCEED "#D" MAX AND MAY BE .002 BELOW "#D" MIN IN AREA "P" ONLY

(H) DENOTES CHANGE(S)

INCH - POUND

PREPARING ACTIVITY DLA - IS CUSTODIANS ARMY - AV NAVY - AS AIR FORCE - 99 DLA - REVIEW MI, 82 USER PROJECT NUMBER 5320-0807 DISTRIBUTION STATEMENT	MILITARY SPECIFICATION SHEET TITLE FASTENER, BLIND, HIGH STRENGTH, PULL TYPE, POSITIVE MECHANICAL LOCK, 100° FLUSH HEAD, CORROSION RESISTING STEEL, 95 KSI F _u	SPECIFICATION SHEET NUMBER MS21140 31 MAR 1994 REV H SUPERSEDING MS21140 G 24 DEC 90 AMBC - N/A FSC 5320
A. Approved for public release distribution is unlimited		Page 1 of 3

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Form Approved
OMB No 0704-0188

REQUIREMENTS

1 MATERIAL

- SLEEVE CORROSION RESISTING STEEL PER CHEMICAL REQUIREMENTS OF AMS5737 (A286)
- SERRATED PIN CORROSION RESISTING STEEL PER CHEMICAL REQUIREMENTS OF AMS5737 (A286)
- MECHANICAL LOCK CORROSION RESISTING STEEL PER CHEMICAL REQUIREMENTS OF AMS5737 OR TYPE 316 CRES CONFORMING TO THE CHEMICAL REQUIREMENTS OF AMS5690

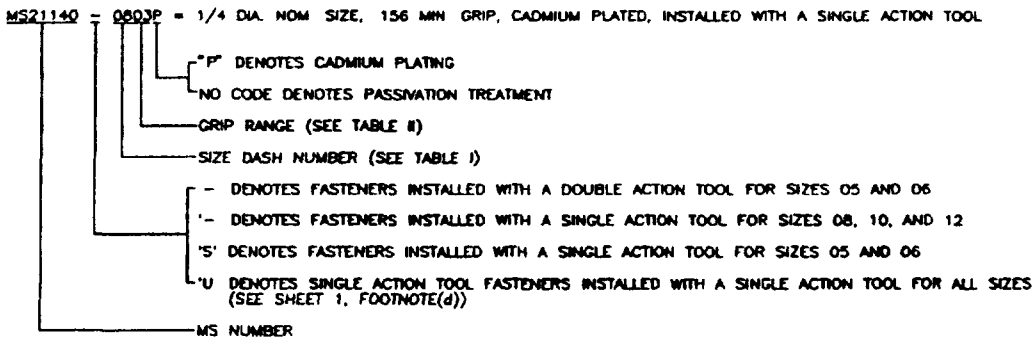
2 PROTECTIVE TREATMENT

- SLEEVE PASSNATION PER QQ-P-35, OR CADMIUM PLATED PER QQ-P-416 TYPE II, (CLEAR DICHROMATE), CLASS 2
- SERRATED PIN PASSNATION PER QQ-P-35
- MECHANICAL LOCK PASSNATION PER QQ-P-35

3 LUBRICATION WHEN LUBRICATED, PARTS SHALL BE LUBRICATED PER MIL-L-46010 TYPE I OR MIL-L-87132

4 HOLE PREPARATION SEE MS33522 EXCEPT FOR HOLE SIZE SHOWN IN MIL-F-8975

(H) 5 EXAMPLE OF PART NUMBER (FOR INACTIVE CODES SEE SHEET 1 FOOTNOTE (c))



NOTES

- 1 DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES DECIMALS ± 010
- (H) 2 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
- (H) 3 UNLESS OTHERWISE SPECIFIED ISSUES OF REFERENCED DOCUMENTS ARE THOSE IN EFFECT AT THE TIME OF SOLICITATION

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