

FED. SUPPLY CLASS

5320

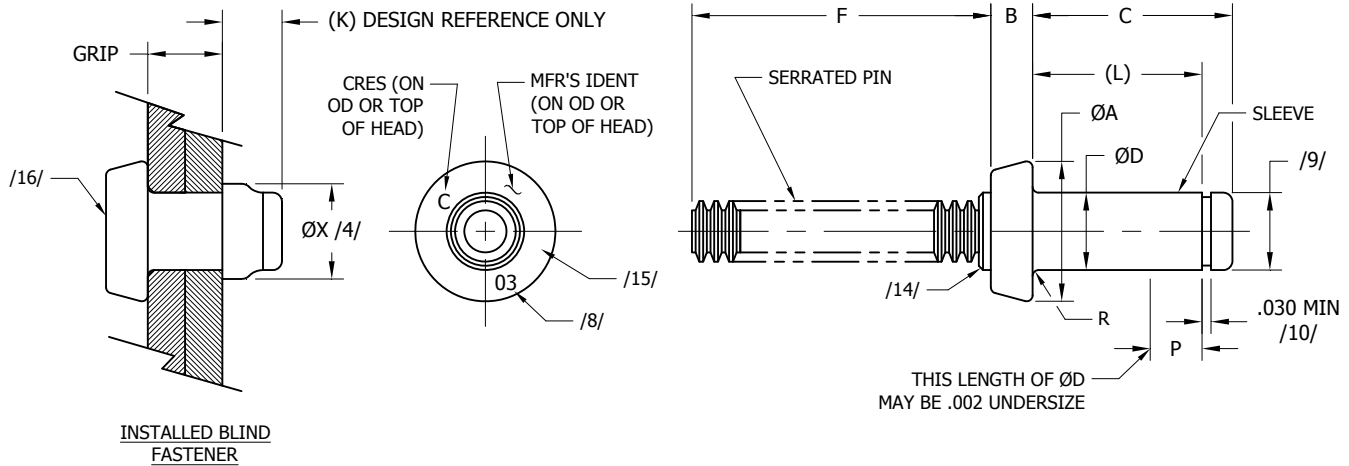


TABLE I – FASTENER DIMENSIONS AND STRENGTHS

SIZE DASH NUMBER /5/			NOM SIZE	ØA	B	ØD	F MIN	(K)		P MAX	R RAD MAX	ØX MIN /4/	INSTALLED FASTENER		(HOLE LIMITS)
DOUBLE ACTION /6/	SINGLE ACTION	MIN ULTIMATE SINGLE SHEAR LBF						MIN ULTIMATE TENSILE LBF							
	/6/ /7/														
---	S04	---	.1250	.215 .197	.060 .054	.129 .127	.812	.150	.095	.190	.010	.154	1,222	675	.132 .129
-05	S05	U05	.1562	.272 .250	.070 .058	.164 .162	.844	.202	.120	.215	.010	.195	1,980	1,150	.167 .164
-06	S06	U06	.1875	.332 .305	.135 .120	.199 .197	.875	.231	.146	.250	.015	.238	2,925	1,690	.202 .199
---	-08	U08	.2500	.432 .400	.140 .120	.260 .258	1.000	.279	.188	.305	.020	.315	5,000	2,900	.263 .260
---	-10	U10	.3125	.522 .480	.141 .131	.312 .310	1.218	.319	.224	.350	.025	.373	7,200	4,170	.315 .312
---	-12	U12	.3750	.627 .580	.205 .195	.374 .372	1.562	.364	.264	.405	.030	.448	10,380	5,970	.377 .374

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21141, REV J, AMEND 1. PART NUMBERS REMAIN MS21141

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	
NASM8975	

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	FASTENER, BLIND, HIGH STRENGTH, PULL TYPE, POSITIVE MECHANICAL LOCK, PROTRUDING HEAD, CORROSION RESISTING STEEL, 95 KSI Fsu

REVISION	NEW
CLASSIFICATION PART STANDARD	NASM21141
	SHEET 1 OF 4

MATERIAL:

SLEEVE: CRES PER CHEMICAL REQUIREMENTS OF AMS5737 (UNS S66286)
 SERRATED PIN: CRES PER CHEMICAL REQUIREMENTS OF AMS5737 (UNS S66286)
 MECHANICAL LOCK: CRES PER CHEMICAL REQUIREMENTS OF AMS5737 (UNS S66286), OR CRES PER CHEMICAL REQUIREMENTS OF AMS5690 (UNS S31600). MANUFACTURER'S OPTION TO USE NICKEL ALLOY PER AMS5687 (UNS N06600) ON Ø.1250 (S04) LOCK COLLARS ONLY

FINISH:

SLEEVE: PASSIVATION PER AMS2700 METHOD 1, CLASS 4 OR
 CADIUM PLATING PER AMS-QQ-P-416, TYPE II, (CLEAR DICHROMATE), CLASS 2
 SERRATED PIN: PASSIVATION PER AMS2700 METHOD 1, CLASS 4
 MECHANICAL LOCK: PASSIVATION PER AMS2700 METHOD 1, CLASS 4 FOR CRES;
 NO FINISH FOR NICKEL ALLOY

LUBRICATION:

WHEN LUBRICATED, PARTS SHALL BE LUBRICATED PER AS5272, AS87132 OR DOD-L-85645

EXAMPLE OF PART NUMBER:

MS21141 -08 03 P = Ø.2500 NOM SIZE, .156 MIN GRIP, CADMIUM PLATED, INSTALLED WITH A SINGLE ACTION TOOL

"P" CODE ADDITION DENOTES CADMIUM PLATING.
 NO CODE "P" CODE ADDITION DENOTES PASSIVATION TREATMENT.
 "L" CODE ADDITION DENOTES LONGER PINTAIL.
 "W" CODE ADDITION DENOTES FASTENER CONTAINING DRIVE WASHER FOR BLUNT NOSED TOOL INSTALLATION.
 WHEN MORE THAN ONE LETTER IS USED IN SUFFIX, ARRANGE LETTERS IN ALPHABETICAL ORDER.

GRIP DASH NUMBER (SEE TABLE II)

SIZE DASH NUMBER (SEE TABLE I) /6/
 "—" PREFIX FOR SIZES 05 AND 06 DENOTES FASTENERS INSTALLED WITH A DOUBLE ACTION TOOL.
 "—" PREFIX FOR SIZES 08, 10 AND 12 DENOTES FASTENERS INSTALLED WITH A SINGLE ACTION TOOL.
 "S" PREFIX FOR SIZES 04, 05 AND 06 DENOTES FASTENERS INSTALLED WITH A SINGLE ACTION TOOL.
 "U" DENOTES SINGLE ACTION TOOL FASTENERS INSTALLED WITH A SINGLE ACTION TOOL FOR ALL SIZES /7/.

BASIC PART NUMBER

REVISION

NEW

MS21141

SHEET 2