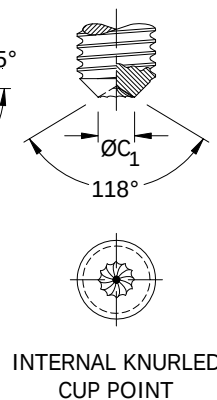
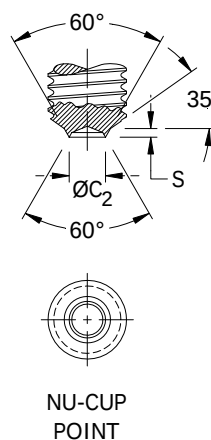
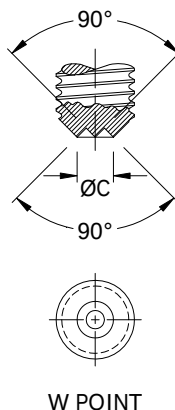
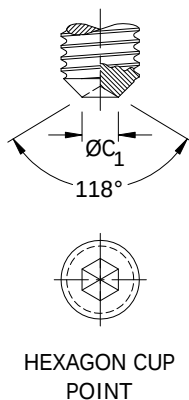
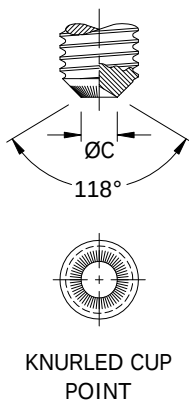
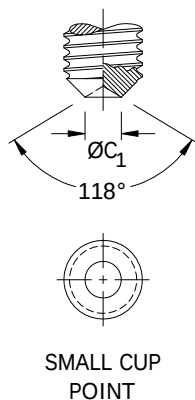
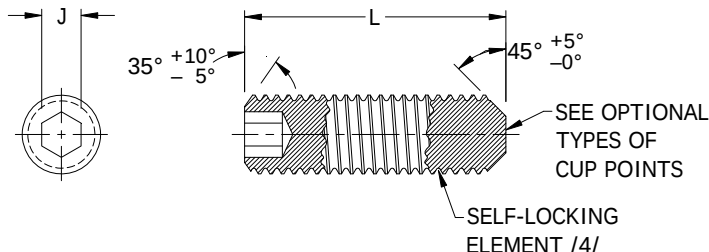
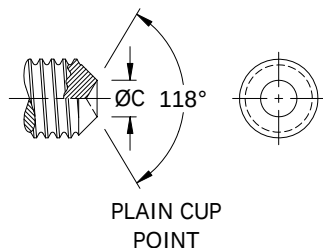


FED. SUPPLY CLASS

5305



THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS51963, REVISION C. PART NUMBERS REMAIN MS51963.

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	FF-S-200

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	SETSCREW, HEXAGON SOCKET, CUP POINT, ALLOY STEEL, CADMIUM PLATED, UNC-3A, PLAIN AND SELF-LOCKING

REVISION	2
CLASSIFICATION	PART STANDARD
NASM51963	
SHEET 1 OF 4	

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST REVISION DATE.

FORM 12-01

REVISION DATE: NOVEMBER 21, 2014

ISSUE DATE: SEPTEMBER 1999

2

TABLE I – DIMENSIONS

NOMINAL SIZE			.0860	.1120		.1380		.1640		.1900	.2500
THREADS PER INCH (UNC-3A)			56	40		32		32		24	20
J	SOCKET WIDTH ACROSS FLATS	NOM	.035	.050		.062		.078		.094	.125
ØC	POINT DIAMETER	MAX MIN	.047 .039	.061 .051		.074 .064		.087 .076		.102 .088	.132 .118
ØC ₁	POINT DIAMETER	MAX MIN	.043 .038	.056 .051		.069 .062		.082 .074		.093 .086	.125 .114
ØC ₂	POINT DIAMETER	MAX MIN	.043 .038	.059 .054		.074 .068		.090 .084		.101 .095	.156 .150
S	POINT LENGTH	MAX MIN	.010 .007	.013 .008		.017 .012		.021 .016		.024 .019	.027 .022
L LENGTH	TOL	DASH NUMBER									
		PLAIN	PLAIN	SELF- LOCKING	PLAIN	SELF- LOCKING	PLAIN	SELF- LOCKING	PLAIN	PLAIN	
.125	±.010	1	9	210	20	220	33	240			
.188		2	10	211	21	221	34	241	46	62	
.250		3	11	212	22	222	35	242	47	63	
.312			12	213	23	223	36	243	48	64	
.375			13	214	24	224	37	244	49	65	
.438				14	215	25	225	38	245	50	66
.500	±.020		15	216	26	226	39	246	51	67	
.562				217		227		247			
.625			16	218	27	228	40	248	52	68	
.750					28	229	41	249	53	69	
.875					29	230	42	250	54	70	
1.000					30		43	251	55	71	
1.250									56	72	
1.500										73	
1.750										74	
2.000										75	

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