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Aerospace Industries Association

NATIONAL AEROSPACE STANDARD

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REVISION 31 MARCH

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APPROVAL DATE

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			LENGTH	CHART			MIN TENSILE	STRENGTH, LBS
	TOLERANCE +.000 031		TOLERANCE +. 000 062		TOLERANCE +.000 094		PART NUMBER	ALLOY STEEL CRES (160KSI) TI (6AL-4V)
	DASH NO.	LENGTH	DASH NO.	LENGTH	DASH NO.	LENGTH	NAS1102-02	591
	3	.188	18	1.125	34 to 96	2.125 to 6.000	NAS1102-04	966
	4	.250	20	1.250			NAS1102-06	1,450
1	5	.312	22	1.375			NAS1102-08	2,240
	6	.375	24	1,500			NAS1102-3	3,180
J	7	.438	26	1.625			NAS1102-4	5,820
1	8	.500	28	1.750		A	NAS1102-5	9,200
j	10	.625	30	1.875	0		NAS1102-6	14,000
Ĩ	12	.750	32	2.000				
1	14	.875						
1	16	1.000						
	"C" following "E" in lieu o "P" following "R" in lieu o "V" in lieu o	g last dash of first das g last dash of second da of first das	h designates number design sh designates h designates	ates dull bl ates aluminu cres. ates cadmium recess per titanium all	ack cadmium m coat per) plate per) MS14191 for ov.	AIL-C-83488, Type per QQ-P-416, Type sizes O6 thru 5 i	II, Class 2.	
	"C" following "B" in lieu o "P" following "R" in lieu o "V" in lieu o W" following NAS1102-3- NAS1102E5- NAS1102V5R	g last dash of first das g last dash of second da g last dash g last dash g last dash 8 = .1900-32 10P = .3125-2	number design h designates number design sh designates h designates number design 2 screw, .500 -24 screw, .62 4 screw, .62	ates dull bl ates aluminu cres. ates cadmium recess per titanium all ates Type I length, allo 25 length, cit 5 length, tit	ack cadmium m coat per J MS14191 for oy. plating. (q) y steel, MS cs, MS33781 anium alloy	plating. (IL-C-83488, Type per QQ-P-416, Type sizes O6 thru 5 i 33781 recess, Type recess, Type II , MS14191 recess.	II, Class 2. nclusive. II plating. plating	ting.
	<pre>"C" following "E" in lieu o "P" following "R" in lieu o "W" following NAS1102-3- NAS1102E5- NAS110225- NAS1102-5- (a) Diamete major d (b) For scr of the (c) Recess gaging</pre>	g last dash of first das g last dash of second da of first das g last dash 8 = .1900-32 10P = .3125- 10B = .3125- 10B = .3125- r of unthrea iameter of t ews 2 inches head. Screw gaging in ac details.	number design h designates number design sh designates number design 2 screw, .500 -24 screw, .62 -24 screw, .6	ates dull bl ates aluminu cres. ates cadmium recess per titanium all ates Type I length, allo 25 length, cr 5 length, tit 25 length, tit 25 length, al of screws sha cter, complet length shall n MS33781 or	ack cadmium m coat per 1 plate per 1 MS14191 for oy. plating. (q) y steel, MS res, MS33781 anium alloy loy steel, 1 ill not be 1 have a minin MS14191 as a	plating. (IL-C-83488, Type per QQ-P-416, Type sizes 06 thru 5 i 33781 recess, Type recess, Type II , MS14191 recess. MS33781 recess, du ess than minimum ; hall extend to win mum complete threa	II, Class 2. nclusive. E II plating.	ore than maxim e bearing surf nches.
	<pre>C" following "E" in lieu o "P" following "R" in lieu o "V" in lieu o "W" following NAS1102-3- NAS11024- NAS1102- NAS110- NAS1102- NAS1102- NAS1102- NAS1102- NAS1102- NAS1102- NAS110- NAS1102- NAS1102- NAS1102- NAS1102- NAS1102- NAS1102- NAS110- NAS</pre>	g last dash of first das g last dash of second da of first das last dash 8 = .1900-32 10P = .3125- 10P = .3125- 10B = .3125- r of unthrea iameter of u ews 2 inches head. Screw gaging in ac details. shall be fre cruciform so ricity: Con s, magnetic is permeabil stress area cription of in accordan	number design h designates number design sh designates number design sh designates number design 2 screw, .60 24 screw, .62 24 screw, .62 24 screw, .62 24 screw, .62 24 screw, .62 24 screw, .62 25 26 screw, .62 26 screw, .62 27 26 screw, .62 27 27 28 screw, .62 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	ates dull bl ates aluminu cres. ates cadmium recess per titanium all ates Type I length, allo 25 length, cit 25 length, al of screws sha cter, complet length shall n MS33781 or and sharp ed nstalled and shall be leas per MIL-1-1 clulation of see NAS380. 5-8879.	ack cadmium m coat per 1 plate per 1 MS14191 for oy. plating. (q) by steel, MS res, MS33781 anium alloy loy steel, M anium alloy loy steel, M aniu	plating. AIL-C-83488, Type per QQ-P-416, Type sizes 06 thru 5 i 33781 recess, Type II , MS14191 recess, du ess than minimum y hall extend to wi mum complete threa applicable, refer h drivers per MS3 of screw within (Air = 1.0) for a ensile strength va	II, Class 2. nclusive. E II plating. plating all black cadmium pla bitch diameter nor mo chin 2 threads of the ad length of 1.750 in to NAS518 and NAS519 3781 or MS14191 as ap	ore than maxim e bearing surf hches.) for flushnes oplicable. 200 Oersteds. 2D-STD-H28.

PROCUREMENT SPECIFICATION: MIL-B-87114, except as noted. Tensile load values as tabulated herein. Cold working head to shank fillet and fatigue requirements are not applicable.

NAS 1102

SHEET 2

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