

NATIONAL AEROSPACE STANDARD

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2010

REVISION DATE: JUNE 10,

SSUE DATE: MARCH 1955



MATERIAL:

CORROSION RESISTANT STEEL PER PROCUREMENT SPECIFICATION CARBON STEEL PER PROCUREMENT SPECIFICATION

FINISH:

CORROSION RESISTANT STEEL – PASSIVATED PER AMS2700, METHOD 1, CLASS 4 CARBON STEEL - BLACK OILED OR CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, AS SPECIFIED BY PART NUMBER.-PARTS WITH CLASS 3 PLATING MAY BE FURNISHED FROM SUPPLIER'S STOCK UNTIL 15 MAY 1975.

(8) COMPLETELY REVISED



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Ŭ		NAS561						
(8) COMPLETE	(8) COMPLETELY REVISED							
(10)	 /7/ SEE PROCUREMENT SPECIFICATION FOR SHEAR STRENGTH VALUES OF 302 AUSTENITIC CORROSION RESISTING STEEL PINS. (8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED. (9) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. (10) REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID. 							
(9)								
(8)								
/7/								
(6)	DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFI	ED.						
(5)	REFER TO NASM33547 FOR RECOMMENDED HOLE SIZES AND LIMITATIONS ON USAGE PINS.							
(4)	REMOVE ALL BURRS AND SHARP EDGES.							
/3/	TYPE PF INACTIVE FOR DESIGN AFTER 28 JANUARY 1993. NO SUPERSEDING TYPE. FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.							
(2)	DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.							
/1/	SIZES LISTED ARE STOCK ITEMS. SECOND DASH NUMBER INDICATES LENGTH IN INCREMENTS. INTERMEDIATE OR LONGER LENGTHS MAY BE SPECIFIED BY USE NUMBERS ONLY, AND MAY BE SUBJECT TO MINIMUM FACTORY RUN REQUIREME	I .0625 OF WHOLE DASH NTS.						
NOTES								
	NAS561-4-6 = SLOTTED PIN, CARBON STEEL, BLACK OILED, .125 NOMINAL DIA NAS561F4-6 = COILED PIN, CARBON STEEL, BLACK OILED, .125 NOMINAL DIA., NAS561P4-6 = SLOTTED PIN, CARBON STEEL, CADMIUM PLATED, .125 NOMINAL NAS561C4-6 = COILED PIN, CARBON STEEL, CADMIUM PLATED, .125 NOMINAL NAS561C4-6 = SLOTTED PIN, CORROSION RESISTANT STEEL, .125 NOMINAL DIA NAS561CF4-6 = COILED PIN, CORROSION RESISTANT STEEL, .125 NOMINAL DIA NAS561S4-6 = SLOTTED PIN, CORROSION RESISTANT STEEL, .125 NOMINAL DIA NAS561S4-6 = SLOTTED PIN, CORROSION RESISTANT STEEL, COMPOSITION ST .125 NOMINAL DIA., .375 LONG NAS561SF4-6 = COILED PIN, CORROSION RESISTANT STEEL, COMPOSITION STE .125 NOMINAL DIA., .375 LONG	A., .375 LONG .375 LONG L DIA., .375 LONG DIA., .375 LONG A., .375 LONG ., .375 LONG FEEL NUMBER 302, EL NUMBER 302,						
EXAMPLE OF PART NUMBER:								
/3	 FIRST DASH NUMBER DESIGNATES NOMINAL DIAMETER IN 32NDS OF AN INCH. SECOND DASH NUMBER DESIGNATES LENGTH IN 16THS OF AN INCH. (SEE TABL NO CODE LETTER DESIGNATES CARBON STEEL SLOTTED PINS, BLACK OILED. ADD F AFTER BASIC PART NUMBER FOR CARBON STEEL SLOTTED PINS, BLACK OIL ADD P AFTER BASIC PART NUMBER FOR CARBON STEEL SLOTTED PINS, CADMIU ADD PF AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL SLOTTEL ADD C AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL SLOTTEL ADD CF AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL SLOTTEL ADD S AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL SLOTTEL COMPOSITION STEEL NUMBER FOR CORROSION RESISTANT STEEL SLOTTEL COMPOSITION STEEL NUMBER FOR CORROSION RESISTANT STEEL SLOTTEL COMPOSITION STEEL NUMBER FOR CORROSION RESISTANT STEEL COILED COMPOSITION STEEL NUMBER FOR C	E ON SHEET 3) LED. M PLATED. M PLATED. O PINS. O PINS. O PINS,						

FORM 09-01

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY USE CONTROL OF CONTROL OF





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		1										
	L				NOMINAL DIAMETERS AND DASH NUMBERS /1/							
ARLINGTON, VA 22209	LENGTH	.062	.094	.125	.156	.188	.219	.250	.312	.375	.438	.500
	.188 ±.015	2-3										
	.250 ±.015	2-4	3-4									
	.312 ±.015	2-5	3-5									
	.375 ±.015	2-6	3-6	4-6								
	.438 ±.015	2-7	3-7	4-7								
	.500 ±.015	2-8	3-8	4-8	5-8	6-8	7-8	8-8				
	.562 ±.015	2-9	3-9	4-9	5-9	6-9	7-9	8-9				
	.625 ±.015	2-10	3-10	4-10	5-10	6-10	7-10	8-10				
	.688 ±.015	2-11	3-11	4-11	5-11	6-11	7-11	8-11				
	.750 ±.015	2-12	3-12	4-12	5-12	6-12	7-12	8-12				
	.812 ±.015	2-13	3-13	4-13	5-13	6-13	7-13	8-13				
	.875 ±.015	2-14	3-14	4-14	5-14	6-14	7-14	8-14				
	.938 ±.015	2-15	3-15	4-15	5-15	6-15	7-15	8-15				
	$1.000 \pm .015$	2-16	3-16	4-16	5-16	6-16	7-16	8-16	10-16	12-16		
	$1.125 \pm .020$		3-18	4-18	5-18	6-18	7-18	8-18	10-18			
	$1.250 \pm .020$		3-20	4-20	5-20	6-20	7-20	8-20	10-20	12-20		
	$1.375 \pm .020$		3-22	4-22	5-22	6-22	7-22	8-22	10-22			
	$1.500 \pm .020$		3-24	4-24	5-24	6-24	7-24	8-24	10-24	12-24	14-24	16-24
	$1.625 \pm .020$			4-26	5-26	6-26	7-26	8-26	10-26			
	$1.750 \pm .020$			4-28	5-28	6-28	7-28	8-28	10-28	12-28	14-28	16-28
	$1.875 \pm .020$				5-30	6-30	7-30	8-30	10-30			
	$2.000 \pm .020$				5-32	6-32	7-32	8-32	10-32	12-32	14-32	16-32
	$2.250 \pm .025$					6-36	7-36	8-36	10-36	12-36	14-36	16-36
	$2.500 \pm .025$					6-40	7-40	8-40	10-40	12-40	14-40	16-40
	$2.750 \pm .025$							8-44	10-44	12-44	14-44	16-44
	$3.000 \pm .025$							8-48	10-48	12-48	14-48	16-48
	$3.250 \pm .030$							8-52	10-52	12-52	14-52	16-52
	$3.500 \pm .030$								10-56	12-56	14-56	16-56
	$3.750 \pm .030$								10-60	12-60	14-60	16-60
	4.000 ±.030								10-64	12-64	14-64	16-64

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