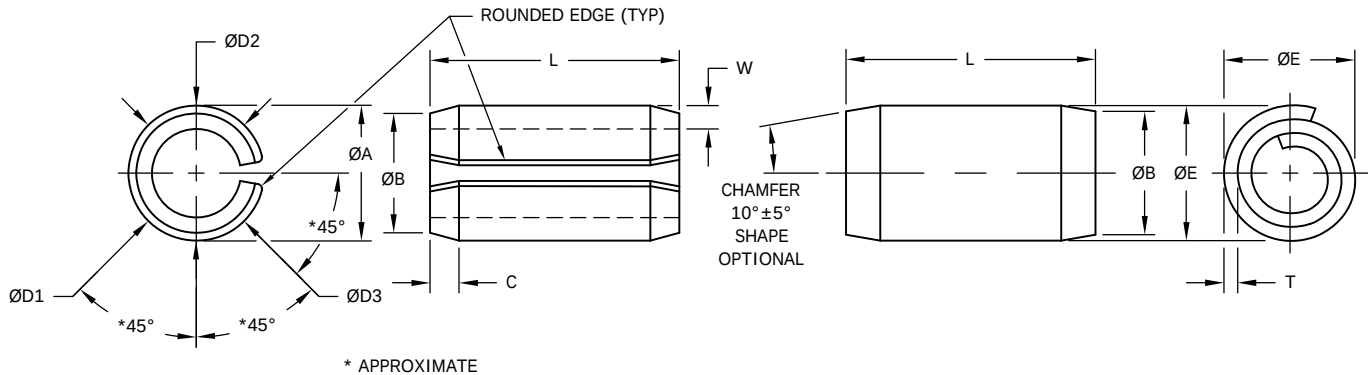


FED. SUPPLY CLASS

5315



SLOTTED TYPE

COILED TYPE

TABLE I – DIMENSIONS AND STRENGTH VALUES

FIRST DASH NO.	NOM DIA	SLOTTED PIN							COILED PIN					ØB	
		ØA		C		W	MIN DOUBLE SHEAR STRENGTH IN LBS /7/	APPROX WEIGHT LBS/100	ØE		T	MIN DOUBLE SHEAR STRENGTH IN LBS /7/	APPROX WEIGHT LBS/100	MAX	MIN
		MAX	MIN AVG DIA = $\frac{\text{ØD1} + \text{ØD2} + \text{ØD3}}{3}$	MAX	MIN	WALL THK NOM			MAX	MIN	STOCK THK				
2	.062	.069	.066	.028	.007	.012	425	L x .061	.070	.066	.007	460	L x .068	.059	.053
3	.094	.103	.099	.038	.008	.022	1,000	L x .140	.103	.098	.010	1,030	L x .142	.091	.085
4	.125	.135	.131	.044	.008	.028	2,100	L x .240	.136	.130	.014	1,840	L x .260	.122	.113
5	.156	.167	.162	.048	.010	.032	3,000	L x .340	.168	.161	.017	2,880	L x .391	.152	.144
6	.188	.199	.194	.055	.011	.040	4,400	L x .510	.202	.194	.020	4,140	L x .567	.182	.172
7	.219	.232	.226	.065	.011	.048	5,700	L x .700	.235	.226	.024	5,640	L x .765	.214	.204
8	.250	.264	.258	.065	.012	.048	7,700	L x .850	.268	.258	.028	7,360	L x 1.04	.245	.232
10	.312	.328	.321	.080	.014	.062	11,500	L x 1.30	.340	.327	.032	11,500	L x 1.47	.306	.294
12	.375	.392	.385	.095	.016	.077	17,600	L x 1.90	.407	.391	.040	16,580	L x 2.20	.368	.354
14	.438	.456	.448	.095	.017	.077	20,000	L x 2.40	.475	.457	.047	22,540	L x 3.08	.430	.413
16	.500	.521	.513	.110	.025	.094	25,800	L x 3.20	.542	.522	.055	29,440	L x 4.08	.490	.470

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.

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE		REVISION 9
	TITLE PINS, SPRING, SLOTTED & COILED, HEAVY DUTY	CLASSIFICATION PART STANDARD	
		NASM10971	

CODE: FIRST DASH NUMBER DESIGNATES NOMINAL DIAMETER IN 32NDS OF AN INCH.
SECOND DASH NUMBER DESIGNATES LENGTH IN 16THS OF AN INCH. (SEE TABLE ON SHEET 3)
NO CODE LETTER DESIGNATES CARBON STEEL SLOTTED PINS, BLACK OILED.
ADD F AFTER BASIC PART NUMBER FOR CARBON STEEL COILED PINS, BLACK OILED.
ADD P AFTER BASIC PART NUMBER FOR CARBON STEEL SLOTTED PINS, CADMIUM PLATED.
/3/ ~~ADD PF AFTER BASIC PART NUMBER FOR CARBON STEEL COILED PINS, CADMIUM PLATED.~~
ADD C AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL SLOTTED PINS.
ADD CF AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL COILED PINS.
ADD S AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL SLOTTED PINS,
COMPOSITION STEEL NUMBER 302.
ADD SF AFTER BASIC PART NUMBER FOR CORROSION RESISTANT STEEL COILED PINS,
COMPOSITION STEEL NUMBER 302.

EXAMPLE OF PART NUMBER:

NAS561-4-6 = SLOTTED PIN, CARBON STEEL, BLACK OILED, .125 NOMINAL DIA., .375 LONG
NAS561F4-6 = COILED PIN, CARBON STEEL, BLACK OILED, .125 NOMINAL DIA., .375 LONG
NAS561P4-6 = SLOTTED PIN, CARBON STEEL, CADMIUM PLATED, .125 NOMINAL DIA., .375 LONG
~~NAS561PF4-6 = COILED PIN, CARBON STEEL, CADMIUM PLATED, .125 NOMINAL DIA., .375 LONG~~
NAS561C4-6 = SLOTTED PIN, CORROSION RESISTANT STEEL, .125 NOMINAL DIA., .375 LONG
NAS561CF4-6 = COILED PIN, CORROSION RESISTANT STEEL, .125 NOMINAL DIA., .375 LONG
NAS561S4-6 = SLOTTED PIN, CORROSION RESISTANT STEEL, COMPOSITION STEEL NUMBER 302,
.125 NOMINAL DIA., .375 LONG
NAS561SF4-6 = COILED PIN, CORROSION RESISTANT STEEL, COMPOSITION STEEL NUMBER 302,
.125 NOMINAL DIA., .375 LONG

NOTES:

- /1/ SIZES LISTED ARE STOCK ITEMS. SECOND DASH NUMBER INDICATES LENGTH IN .0625 INCREMENTS. INTERMEDIATE OR LONGER LENGTHS MAY BE SPECIFIED BY USE OF WHOLE DASH NUMBERS ONLY, AND MAY BE SUBJECT TO MINIMUM FACTORY RUN REQUIREMENTS.
- (2) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /3/ TYPE PF INACTIVE FOR DESIGN AFTER 28 JANUARY 1993. NO SUPERSEDING TYPE. FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.
- (4) REMOVE ALL BURRS AND SHARP EDGES.
- (5) REFER TO NASM33547 FOR RECOMMENDED HOLE SIZES AND LIMITATIONS ON USAGE OF SPRING PINS.
- (6) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- /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.
- ⑨ (10) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.

REVISION

9

NAS561
SHEET 2



Document Sharing Hub