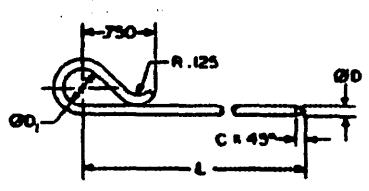


ARMY - AF, BL, MI
AIR FORCE - 82
DLA - IS

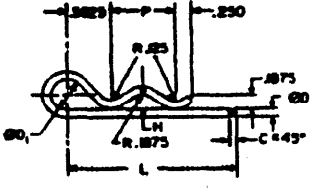
Contractor shall be responsible for any deviation from the standard specification, the related drawings, and the data sheet. Government may have approved, furnished, or in any way supplied the data, drawings, specifications, or other data in order to be prepared. All data shall be prepared in accordance with the instructions, drawings, and specifications, and shall be prepared in accordance with the instructions, drawings, and specifications, and shall be prepared in accordance with the instructions, drawings, and specifications.

Approved 29 SEP 48 REVISED 121 JAN 64 216 SEP 75 30 APR 90

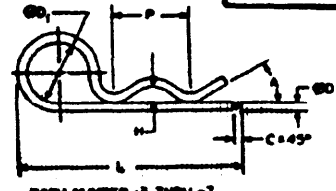
FED. SUP CLASS
5315



DASH NUMBER - 1 (X)



DASH NUMBER - 2

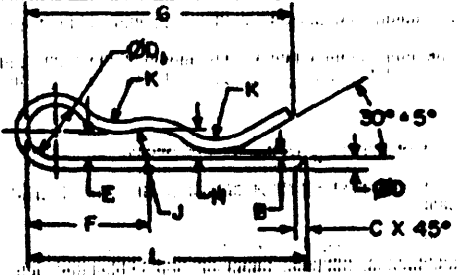


DASH NUMBER - 3 THRU - 7

TABLE I. DASH NUMBERS AND DIMENSIONS

CNS DASH NUMBER	ØD	L	ØD ₁	U	P	A	C x 45° CHAMFER, MIN	CLEVIS PIN DIA REF
	MIN		MIN	MIN	MIN	MIN		
1-(X)	.080 \pm .000 -.002	1/	.375	-	-	-	.020	
2	.080 \pm .000 -.002	1.938	.375	.188	.750	-	.020	.375
3	.0295 \pm .001	.994	.094	.047	.188	35°	.014	.125
4	.0585 \pm .001	1.125	.250	.094	.375	35°	.020	.250
5	.0745 \pm .001	1.438	.313	.094	.500	35°	.020	.312
6	.0915 \pm .002	1.875	.608	.125	.562	35°	.020	.375
7	.1480 \pm .002	2.688	.781	.125	.875	35°	.020	.625

1/ SEE REQUIREMENT 3



DASH NUMBER - 8 THRU - 29

TABLE II. DASH NUMBERS AND DIMENSIONS

CARBON STEEL DASH NO	ZINC PLATED	CADMIUM PLATED	ØD	U	G	J (AAD)	H	F	ØD ₁	E	K (RAD)	L	C x 45° CHAMFER, MIN	CLEVIS PIN DIA (REF)
8	19		.062 \pm .001	.03	.81	.12	.08	.48	.18	.03	.16	.88	.014	.25
9	20		.062 \pm .001	.03	.81	.09	.08	.48	.18	.03	.16	.88	.014	.19
10	21		.073 \pm .002	.03	.94	.16	.09	.56	.22	.05	.19	1.03	.014	.31
11	22		.083 \pm .002	.03	.94	.22	.16	.65	.22	.11	.19	1.03	.014	.44
12	23		.093 \pm .002	.06	1.30	.12	.16	.62	.32	.08	.25	1.66	.020	.55
13	24		.105 \pm .002	.06	1.31	.25	.16	.73	.32	.11	.25	1.41	.020	.59
14	25		.125 \pm .002	.09	1.30	.31	.22	.73	.32	.16	.16	1.99	.020	.62
15	26		.125 \pm .002	.03	1.62	.30	.22	.88	.38	.12	.19	1.75	.020	.75
16	27		.125 \pm .002	.03	2.62	.50	.31	1.25	.62	.25	.38	2.75	.020	1.00
17	28		.125 \pm .002	.06	3.00	.62	.34	1.38	.62	.28	.50	3.12	.020	1.25
18	29		.148 \pm .002	.03	2.75	.25	.16	1.38	.62	.31	.25	3.06	.020	.50

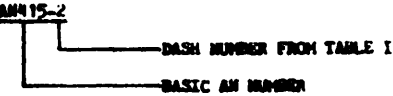
ENTIRE STANDARD REVISED

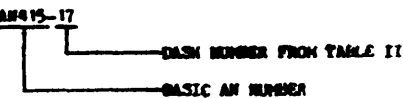
P.A. NAVY - AS Other Govt ARMY - AV AIR FORCE - 99	AERONAUTICAL STANDARD		AN415
	PIN, LOCK (HITCH PIN)		
REQUIREMENT SPECIFICATION NONE	SUPERSEDES: ARMY AND NAVY STANDARD ISSUES OF AN405		SHEET 1 OF 2

FED. SUP CLASS
5315

REQUIREMENTS:

1. **MATERIAL.** CORROSION RESISTANT STEEL, TYPE 316 (UNS S31600), CONDITION B IN ACCORDANCE WITH AMS 5648 OR AMS 5649 (DASH NUMBERS -1 THRU -7, TABLE I ONLY).
CARBON STEEL WIRE, TYPE I, CLASS 1 OR 2 IN ACCORDANCE WITH QQ-W-426 (DASH NUMBERS -8 THRU -29, TABLE II ONLY).
2. **PROTECTIVE COATING.**
 - (a) WHEN SPECIFIED, CARBON STEEL PINS SHALL BE CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 2.
 - (b) WHEN SPECIFIED, CARBON STEEL PINS SHALL BE ZINC COATED, TYPE II, FE/Zn15 IN ACCORDANCE WITH ASTM B633.
 - (c) CRES PINS SHALL BE PASSIVATED IN ACCORDANCE WITH QQ-P-50.
3. **PART NUMBER.** THE PART NUMBER SHALL CONSIST OF THE BASIC AN NUMBER AND A DASH NUMBER FROM TABLE I OR TABLE II.

EXAMPLE: AN415-2


EXAMPLE: AN415-17


AN415-1-(X) ONLY: SECOND DASH NUMBER INDICATES LENGTH L EXPRESSED IN INCREMENTS OF ONE (1) INCH.

EXAMPLE: AN415-1-7 IS THE PART NUMBER FOR A TYPE AN415-1 PIN WITH LENGTH (L) OF SEVEN (7) INCHES.
 LENGTH (L) AVAILABLE IN 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 16, 19, 20, 25 OR 26 INCHES.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES. TOLERANCE IS ± 0.006 , UNLESS OTHERWISE SPECIFIED.
2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. UNLESS OTHERWISE SPECIFIED, THE ISSUES OF REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS ARE THOSE LISTED IN THE ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DDDS) AND SUPPLEMENT THERETO, CITED IN THE SOLICITATION.
4. CHAMFER AS SHOWN AND REMOVE BURRS AND SHARP EDGES.

APPROVED 29 SEP 48 REVISED 1 25 JAN 64 2 16 SEP 75 3 30 APR 80

P.A. NAVY-AS Other Code ARMY - AV AIR FORCE-99	AERONAUTICAL STANDARD		AN415
	PIN, LOCK (HITCH PIN)		
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: FORMER AIR FORCE AND NAVY STANDARD ISSUES OF AN405		SHEET 2 OF 2