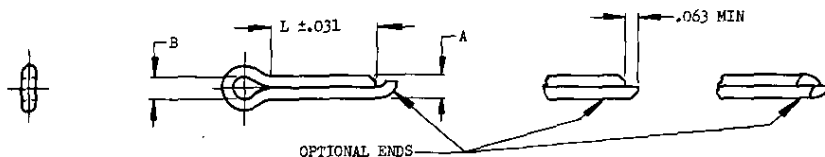


AN381-250A (Rev. 5-61)



NOM DIA	A DIA	B MIN	HARDNESS		RECOMMENDED DRILL HOLE DIA +.005 - .002
			ROCKWELL 15-N	VICKERS 10KG LOAD	
1/32	.030	.032	65 TO 70	200 TO 300	.035
3/64	.048	.047			.062
1/16	.061	.063			.067
5/64	.076	.078	60 TO 70	170 TO 245	.094
3/32	.090	.094			.096
1/8	.122	.125			.129
5/32	.150	.156	55 TO 67	140 TO 220	.161
3/16	.176	.188			.188
7/32	.207	.219			.219
1/4	.225	.250			.238
5/16	.280	.313			.295

LENGTH L	DASH NUMBERS										
	1/32	3/64	1/16	5/64	3/32	1/8	5/32	3/16	7/32	1/4	5/16
.313		15-5	2-5								
.375	1-6	15-6	2-6								
.438		15-7	2-7								
.500	1-8	15-8	2-8	25-8	3-8	4-8	5-8				
.625		15-10	2-10	25-10	3-10						
.750	1-12	15-12	2-12	25-12	3-12	4-12	5-12				
.875		15-14	2-14	25-14	3-14	4-14					
1.000	1-16	15-16	2-16	25-16	3-16	4-16	5-16				
1.125				25-18	3-18	4-18	5-18				
1.250		15-20	2-20	25-20	3-20	4-20	5-20				
1.375				25-22	3-22	4-22	5-22				
1.500		15-24	2-24	25-24	3-24	4-24	5-24	6-24			
1.625				25-26	3-26	4-26	5-26	6-26			
1.750		15-28	2-28	25-28	3-28	4-28	5-28	6-28			
2.000		15-32	2-32	25-32	3-32	4-32	5-32	6-32	7-32	8-32	10-32
2.250						4-36	5-36	6-36	7-36	8-36	10-36
2.500							5-40	6-40	7-40	8-40	10-40
3.000								6-48		8-48	
3.500										8-56	
4.000										8-64	

PRONG OF PIN SHALL WITHSTAND BENDING FLAT ON ITSELF WITHOUT CRACKING. FLAT OF PRONG SHALL FORM OUTSIDE OF BEND.

MATERIAL: CORROSION-RESISTANT STEEL (TYPE C AS SPECIFIED IN PROCUREMENT SPECIFICATION).

FINISH: PASSIVATE AFTER PICKLING.

EXAMPLE OF PART NO: AN381-2-10 = 1/16 (2/32) NOM DIA COTTER PIN, .625 IN LENGTH.
 AN381-25-10 = 5/64 (2.5/32) NOM DIA COTTER PIN, .625 IN LENGTH.

COTTER PINS SHALL BE FREE FROM BURRS.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010.

INACTIVE FOR DESIGN AFTER 1 MARCH 1961. USE MS24665.

AN381 AND MS24665 CORROSION RESISTANT STEEL PINS OF THE SAME NOMINAL DIAMETER AND BASIC LENGTH ARE UNIVERSALLY, FUNCTIONALLY AND DIMENSIONALLY INTERCHANGEABLE.

④ CANCELED AFTER 1 AUGUST 1968 .

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard drawing. The drawing supersedes all antecedent standard drawings for the same product and shall be used in lieu of the same. It is the responsibility of the user to determine the latest date of approval shown.

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or is in any way applying the said drawings, specifications, or other data in any way is not to be regarded as an endorsement or approval by the Government of the views or opinions of any person or corporation, or conveying any rights or permission to manufacture, use, or sell for profit any product that may in any way be related thereto.

PROCUREMENT
 SPECIFICATION
 PP-P-386

AIR FORCE-NAVY AERONAUTICAL STANDARD
 PIN, COTTER
 (CORROSION-RESISTANT STEEL)

AN381

APPROVED 10 Oct 45 REVISED 1 13 Mar 47 2 18 Mar 56 3 1 Mar 61 4 1 Aug 68