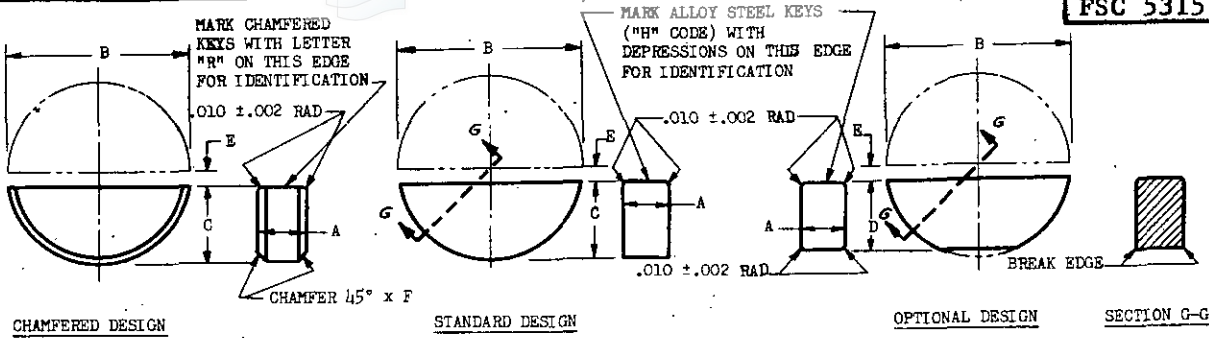


4-9

FSC 5315



CHAMFERED DESIGN STANDARD DESIGN OPTIONAL DESIGN SECTION G-G

CODE LETTER	MATERIAL	SPECIFICATION	(a) HEAT TREATMENT		DESIGN	IDENTIFICATION
			TENSILE STRENGTH PSI	ROCKWELL (C SCALE)		
NONE	CARBON STEEL	AN-S-4 COND B	NOT HEAT TREATED		STD OR OPTIONAL	NONE
H	ALLOY STEEL	AN-S-9 OR AN-S-14	125,000 - 145,000	26-33	STD OR OPTIONAL	DEPRESSIONS
R	ALLOY STEEL	AN-S-14	180,000 - 215,000	40-45	CHAMFERED	R

(a) HEAT TREATMENT OF ALLOY STEEL KEYS SHALL BE IN ACCORDANCE WITH SPECIFICATION AN-QQ-H-201.

(b) CARBON STEEL	DASH NUMBERS		NOMINAL KEY SIZE (A x B)	A +.0010 -.0000	B +.0000 -.010 DIA	C +.0000 -.0005	D +.0000 -.0005	E NOM.	F	
	ALLOY STEEL								DIMENSION	TOLERANCE
	STD OR (c) OPT. DES.	CHAMFERED (d) DESIGN								
202	H202	R202	1/16 x 1/4	.0625	.250	.109	.099	.016	.010	+.010 -.000
204	H204	R204	1/16 x 1/2	.0625	.500	.203	.194	.047	.010	
304	H304	R304	3/32 x 1/2	.0938	.500	.203	.194	.047	.020	
305	H305	R305	3/32 x 5/8	.0938	.625	.250	.240	.062	.020	
404	H404	R404	1/8 x 1/2	.1250	.500	.203	.194	.047	.030	
405	H405	R405	1/8 x 5/8	.1250	.625	.250	.240	.062	.030	
406	H406	R406	1/8 x 3/4	.1250	.750	.313	.303	.062	.030	
505	H505	R505	5/32 x 5/8	.1563	.625	.250	.240	.062	.030	
506	H506	R506	5/32 x 3/4	.1563	.750	.313	.303	.062	.030	
507	H507	R507	5/32 x 7/8	.1563	.875	.375	.365	.062	.030	
606	H606	R606	3/16 x 3/4	.1875	.750	.313	.303	.062	.040	
607	H607	R607	3/16 x 7/8	.1875	.875	.375	.365	.062	.040	
608	H608	R608	3/16 x 1	.1875	1.000	.438	.428	.062	.040	
609	H609	R609	3/16 x 1-1/8	.1875	1.125	.484	.475	.078	.040	
807	H807	R807	1/4 x 7/8	.2500	.875	.375	.365	.062	.050	
808	H808	R808	1/4 x 1	.2500	1.000	.438	.428	.062	.050	
809	H809	R809	1/4 x 1-1/8	.2500	1.125	.484	.475	.078	.050	
810	H810	R810	1/4 x 1-1/4	.2500	1.250	.541	.537	.078	.050	
811	H811	R811	1/4 x 1-3/8	.2500	1.375	.594	.584	.094	.050	
812	H812	R812	1/4 x 1-1/2	.2500	1.500	.641	.631	.109	.050	
1008	H1008	R1008	5/16 x 1	.3125	1.000	.438	.428	.062	.050	
1009	H1009	R1009	5/16 x 1-1/8	.3125	1.125	.484	.475	.078	.050	
1010	H1010	R1010	5/16 x 1-1/4	.3125	1.250	.541	.537	.078	.050	
1011	H1011	R1011	5/16 x 1-3/8	.3125	1.375	.594	.584	.094	.050	
1012	H1012	R1012	5/16 x 1-1/2	.3125	1.500	.641	.631	.109	.050	
1210	H1210	R1210	3/8 x 1-1/4	.3750	1.250	.541	.537	.078	.060	
1211	H1211	R1211	3/8 x 1-3/8	.3750	1.375	.594	.584	.094	.060	
1212	H1212	R1212	3/8 x 1-1/2	.3750	1.500	.641	.631	.109	.060	

MATERIAL: SEE TABLE ABOVE.

**4 CANCELLED AFTER 1 NOVEMBER 1974
 USE MS35756**

- 3 (b) INACTIVE FOR DESIGN AFTER 21 JANUARY 1960. USE MS35756. MS35756, TYPE 1 WOODRUFF KEYS ARE UNIVERSALLY, FUNCTIONALLY AND DIMENSIONALLY SUITABLE FOR USE IN LIEU OF AN280 CARBON STEEL WOODRUFF KEYS OF THE SAME NOMINAL SIZE. AN280 CARBON STEEL WOODRUFF KEYS SHALL NOT BE USED IN LIEU OF MS35756, TYPE 1 WOODRUFF KEYS.
- 3 (c) INACTIVE FOR DESIGN AFTER 21 JANUARY 1960. USE MS35756. MS35756, TYPE 1 WOODRUFF KEYS ARE UNIVERSALLY, FUNCTIONALLY AND DIMENSIONALLY INTERCHANGEABLE WITH AN280 STANDARD OR OPTIONAL DESIGN ALLOY STEEL WOODRUFF KEYS OF THE SAME NOMINAL SIZE.
- 3 (d) INACTIVE FOR DESIGN AFTER 21 JANUARY 1960. USE MS21261(ASG). MS21261(ASG) WOODRUFF KEYS ARE UNIVERSALLY, FUNCTIONALLY AND DIMENSIONALLY INTERCHANGEABLE WITH AN280 CHAMFERED DESIGN ALLOY STEEL WOODRUFF KEYS OF THE SAME NOMINAL SIZE.
- 3 FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO. 337.
- 3 INACTIVE FOR DESIGN AFTER 21 JANUARY 1960.

PROCUREMENT SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN280
	KEY-WOODRUFF	
NONE		

NOT TO BE USED FOR DESIGN OR MANUFACTURE OF THIS DRAWING OR ANY PART THEREOF WITHOUT THE WRITTEN APPROVAL OF THE AIR FORCE, NAVY, OR MARINE CORPS. THIS DRAWING IS THE PROPERTY OF THE AIR FORCE, NAVY, OR MARINE CORPS AND IS LOANED TO YOUR ORGANIZATION. IT IS TO BE RETURNED TO THE ISSUING OFFICE WHEN NO LONGER REQUIRED. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN APPROVAL OF THE ISSUING OFFICE. THIS DRAWING IS THE PROPERTY OF THE AIR FORCE, NAVY, OR MARINE CORPS AND IS LOANED TO YOUR ORGANIZATION. IT IS TO BE RETURNED TO THE ISSUING OFFICE WHEN NO LONGER REQUIRED. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN APPROVAL OF THE ISSUING OFFICE.

APPROVED 3 Oct 42 REVISED 1 15 Jun 48 2 20 Mar 51 3 21 Jan 60 4 1 Nov 74