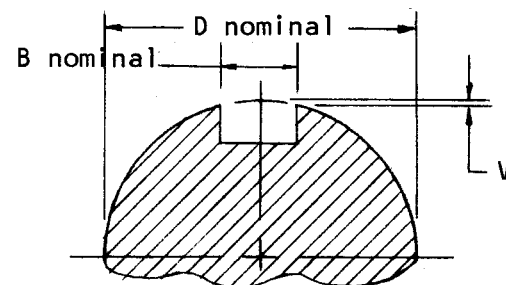
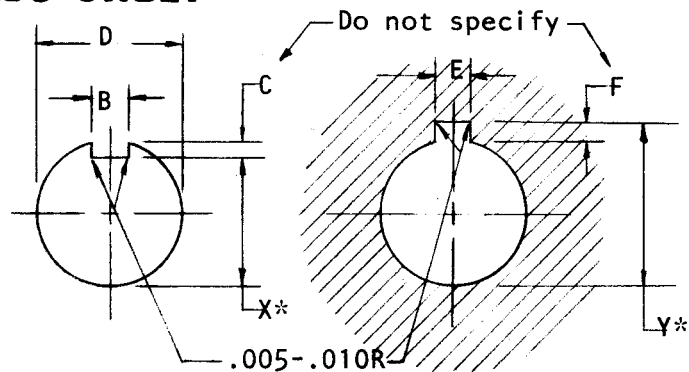
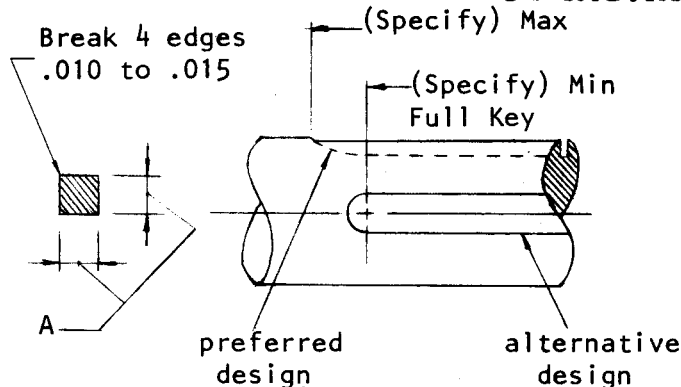




STANDARDS SHEET



KEY **		KEYWAY (SHAFT)			KEYWAY (HUB)	
Size	A +.000 -.001	B		C	E +.002 -.000	F
		MIN	MAX			
3/32	.0948	.0928	.0943	.047	.0948	.053
1/8	.1260	.1240	.1255	.062	.1260	.068
3/16	.1885	.1863	.1880	.094	.1885	.100
1/4	.2510	.2487	.2505	.125	.2510	.131
5/16	.3135	.3111	.3130	.156	.3135	.162
3/8	.3760	.3735	.3755	.188	.3760	.194

D nom	B nom	V
.3125	3/32	.007
.3750		.006
.4375		.005
.5000	1/8	.008
.5625		.007
.6250	3/16	.014
.6875		.013
.7500		.012
.8125		.011
.8750		.010
.9375	1/4	.017
1.0000		.016
1.0625		.015
1.1250		.014
1.1875		.013
1.2500		.013
1.3125	5/16	.019
1.3750		.018
1.4375	3/8	.025
1.5000		.024
1.5625		.023
1.6250		.022
1.6875		.021
1.7500		.020

* Dimensions to be specified on drawing

$$X = (D_{\max} - V - C) \begin{matrix} +.000 \\ -.005 \end{matrix}$$

$$Y = (D_{\max} - V + F) \begin{matrix} +.005 \\ -.000 \end{matrix}$$

** Part No. of Keys
MS20066
MS20067
MS20068

Example

Shaft: .500 O/D nominal

Tolerance: -.0006/-.0010 (close running fit)

Key: Size 1/8

$$X = .500 - .0006 - .008 - .062 = .4294 \begin{matrix} +.000 \\ -.005 \end{matrix}$$

$$Y = .500 - .0006 - .008 + .068 = .5594 \begin{matrix} +.005 \\ -.000 \end{matrix}$$

Therefore; specify on drawing $X = .4294/.4244$

$$Y = .5594/.5644$$

DRAWN	PLAN	CLASSIFICATION		STANDARD
CHECKED	SHELTON	DIMENSIONAL DATA FOR SQUARE KEYS AND KEYWAYS		DS 100
STRESSED	ALB			
APPROVED	SCHWARTZ			

28 FEB 84