U.S. Customary Inch / Clearance-fit and interference-fit Bore and Keyway Standards

Bore and Keyway dimensions comply with ANSI/AGMA 9002-B04 Standard.

Nominal Bore Diameter	Clearance Bore			Interference Bore			Keyway		"T"-DIM +0.015/-0.000
	+0.001/ -0.000	Min.	Max.	-0.0005/ -0.0010	Min.	Max.	Width +0.002/-0.000	Height (ref)	
3/8	0.3750	0.3750	0.3760	0.3750	0.3740	0.3745	0.0938	0.0469	0.421
7/16	0.4375	0.4375	0.4385	0.4375	0.4365	0.4370	0.0938	0.0469	0.484
1/2	0.5000	0.5000	0.5010	0.5000	0.4990	0.4995	0.1250	0.0625	0.560
9/16	0.5625	0.5625	0.5635	0.5625	0.5615	0.5620	0.1250	0.0625	0.623
5/8	0.6250	0.6250	0.6260	0.6250	0.6240	0.6245	0.1875	0.0938	0.709
11/16	0.6875	0.6875	0.6885	0.6875	0.6865	0.6870	0.1875	0.0938	0.773
3/4	0.7500	0.7500	0.7510	0.7500	0.7490	0.7495	0.1875	0.0938	0.837
13/16	0.8125	0.8125	0.8135	0.8125	0.8115	0.8120	0.1875	0.0938	0.900
7/8	0.8750	0.8750	0.8760	0.8750	0.8740	0.8745	0.1875	0.0938	0.964
15/16	0.9375	0.9375	0.9385	0.9375	0.9365	0.9370	0.2500	0.1250	1.051
1	1.0000	1.0000	1.0010	1.0000	0.9990	0.9995	0.2500	0.1250	1.114
1-1/16	1.0625	1.0625	1.0635	1.0625	1.0615	1.0620	0.2500	0.1250	1.178
1-1/8	1.1250	1.1250	1.1260	1.1250	1.1240	1.1245	0.2500	0.1250	1.241
1-3/16	1.1875	1.1875	1.1885	1.1875	1.1865	1.1870	0.2500	0.1250	1.304
1-1/4	1.2500	1.2500	1.2510	1.2500	1.2490	1.2495	0.2500	0.1250	1.367
1-5/16	1.3125	1.3125	1.3135	1.3125	1.3115	1.3120	0.3125	0.1562	1.455
1-3/8	1.3750	1.3750	1.3760	1.3750	1.3740	1.3745	0.3125	0.1562	1.518

Nominal Bore Diameter	Clearance Bore			Interference Bore			Keyway		"T"-DIM +0.015/-0.000
	+0.001/ -0.000	Min.	Max.	-0.0005/ -0.0010	Min.	Max.	Width +0.0025/-0.0000	Height (ref)	
1-7/16	1.4375	1.4375	1.4385	1.4375	1.4365	1.4370	0.3750	0.1875	1.605
1-1/2	1.5000	1.5000	1.5010	1.5000	1.4990	1.4995	0.3750	0.1875	1.669

Nominal Bore Diameter	Clearance Bore			Interference Bore			Keyway		"T"-DIM +0.015/-0.000
	+0.001/ -0.000	Min.	Max.	-0.001/ -0.002	Min.	Max.	Width +0.0025/-0.0000	Height (ref)	
1-9/16	1.5625	1.5625	1.5635	1.5625	1.5605	1.5615	0.3750	0.1875	1.732
1-5/8	1.6250	1.6250	1.6260	1.6250	1.6230	1.6240	0.3750	0.1875	1.796
1-11/16	1.6875	1.6875	1.6885	1.6875	1.6855	1.6865	0.3750	0.1875	1.859
1-3/4	1.7500	1.7500	1.7510	1.7500	1.7480	1.7490	0.3750	0.1875	1.922
1-13/16	1.8125	1.8125	1.8135	1.8125	1.8105	1.8115	0.5000	0.2500	2.032
1-7/8	1.8750	1.8750	1.8760	1.8750	1.8730	1.8740	0.5000	0.2500	2.096
1-15/16	1.9375	1.9375	1.9385	1.9375	1.9355	1.9365	0.5000	0.2500	2.160
2	2.0000	2.0000	2.0010	2.0000	1.9980	1.9990	0.5000	0.2500	2.223

Nominal Bore Diameter	Clearance Bore			Interference Bore			Keyway		"T"-DIM +0.015/-0.000
	+0.0015/ -0.0000	Min.	Max.	-0.001/ -0.002	Min.	Max.	Width +0.0025/-0.0000	Height (ref)	
2-1/16	2.0625	2.0625	2.0640	2.0625	2.0605	2.0615	0.5000	0.2500	2.287
2-1/8	2.1250	2.1250	2.1265	2.1250	2.1230	2.1240	0.5000	0.2500	2.350
2-3/16	2.1875	2.1875	2.1890	2.1875	2.1855	2.1865	0.5000	0.2500	2.414
2-1/4	2.2500	2.2500	2.2515	2.2500	2.2480	2.2490	0.5000	0.2500	2.477

Note: Class 1 clearance fits assumed.

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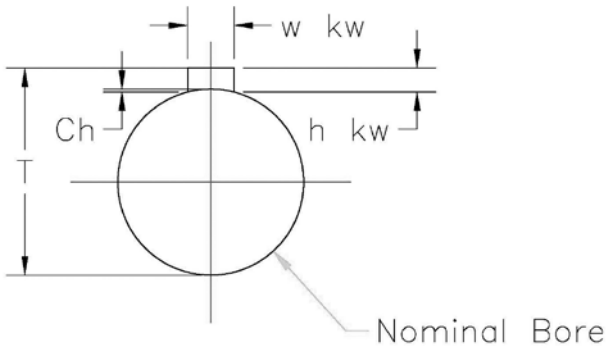
Nominal Bore Diameter	Clearance Bore			Interference Bore			Keyway		"T"-DIM +0.015/-0.000
	+0.0015/ -0.0000	Min.	Max.	-0.001/ -0.002	Min.	Max.	Width +0.003/-0.000	Height (ref)	
2-5/16	2.3125	2.3125	2.3140	2.3125	2.3105	2.3115	0.6250	0.3125	2.587
2-3/8	2.3750	2.3750	2.3765	2.3750	2.3730	2.3740	0.6250	0.3125	2.651
2-7/16	2.4375	2.4375	2.4390	2.4375	2.4355	2.4365	0.6250	0.3125	2.714
2-1/2	2.5000	2.5000	2.5015	2.5000	2.4980	2.4990	0.6250	0.3125	2.778
2-9/16	2.5625	2.5625	2.5640	2.5625	2.5605	2.5615	0.6250	0.3125	2.841
2-5/8	2.6250	2.6250	2.6265	2.6250	2.6230	2.6240	0.6250	0.3125	2.905

Hub keyway depth is one-half the nominal height of the key and measured from the side corner. The dimension from the top of the keyway to the opposite bore side, "T-dim", is calculated from (refer to ANSI/AGMA 9002-B04) the following:

T = bore + (h kw - Ch)



Note: Class 1 clearance fits assumed.