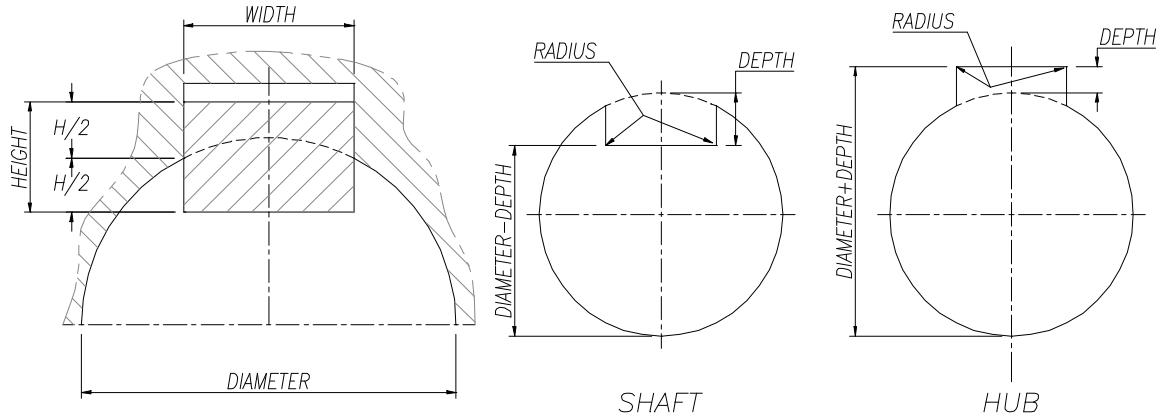


**KEYWAY DIMENSIONS**



**Metric Keyways**

DIAMETER		KEY		SHAFT			HUB			RAD
OVER	INCL	W	H	WIDTH	DEPTH	TOL.	WIDTH	DEPTH	TOL.	
10	12	4	4		2.5			1.8		0.15
12	17	5	5	0 / -0.03	3	+0.1 / 0	+0.02/-0.01	2.3	+0.1 / 0	0.25
17	22	6	6		3.5			2.8		0.25
22	30	8	7		4			3.3		0.25
30	38	10	8		5			3.3		0.25
38	44	12	8	0 / -0.04	5		+0.02 / -0.02	3.3		0.25
44	50	14	9		5.5			3.8		0.25
50	58	16	10		6			4.3		0.25
58	65	18	11		7	+0.2 / 0		4.4	+0.2 / 0	0.25
65	75	20	12		7.5			4.9		0.5
75	85	22	14	0 / -0.05	9			5.4		0.5
85	95	25	14		9			5.4		0.5
95	110	28	16		10			6.4		0.5
110	130	32	18		11		+0.03 / 0.03	7.4		0.5
130	150	36	20		12			8.4		1
150	170	40	22	0 / -0.06	13			9.4		1
170	200	45	25		15			10.4		1
200	230	50	28		17			11.4		1
230	260	56	32		20	+0.3 / 0		12.4	+0.3 / 0	1.5
260	290	63	32	0 / -0.07	20			12.4		1.5
290	330	70	36		22		+0.04 / -0.04	14.4		1.5
330	380	80	40		25			15.4		2.5
380	440	90	45	0 / -0.09	28			17.4		2.5
440	500	100	50		31			19.5		2.5

**Imperial Keyways**

DIAMETER		KEY SIZE (NOMINAL)		SHAFT				HUB			
				WIDTH		DEPTH		WIDTH		DEPTH	
OVER	INCL	W	H	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
25.4	31.8	7.94	6.35	7.92	7.90	3.86	3.71	7.95	7.92	3.00	2.84
31.8	38.1	9.53	6.35	9.53	9.50	3.96	3.81	9.55	9.53	2.90	2.74
38.1	44.5	11.11	7.94	11.13	11.10	4.88	4.72	11.15	11.13	3.58	3.43
44.5	50.8	12.70	7.94	12.70	12.67	4.98	4.83	12.73	12.70	3.48	3.33
50.8	63.5	15.88	11.11	15.88	15.85	6.76	6.60	15.90	15.88	4.85	4.70
63.5	76.2	19.05	12.70	19.05	19.02	7.75	7.59	19.08	19.05	5.46	5.31
76.2	88.9	22.23	15.88	22.23	22.20	9.55	9.40	22.25	22.23	6.86	6.71
88.9	101.6	25.40	19.05	25.40	25.37	11.35	11.20	25.43	25.40	8.23	8.08
101.6	127.0	31.75	22.23	31.75	31.70	13.31	13.16	31.80	31.75	9.45	9.30
127.0	152.4	38.10	25.40	38.10	38.05	15.37	15.21	38.15	38.10	10.62	10.46
152.4	177.8	44.45	31.75	44.45	44.40	18.95	18.80	44.50	44.45	13.51	13.36
177.8	203.2	50.80	34.93	50.80	50.75	20.93	20.78	50.85	50.80	14.71	14.55
203.2	228.6	57.15	38.10	57.15	57.10	22.99	22.78	57.20	57.15	15.93	15.72
228.6	254.0	63.50	41.28	63.50	63.45	24.97	24.77	63.55	63.50	17.12	16.92
254.0	279.4	69.85	47.63	69.85	69.80	28.50	28.30	69.90	69.85	19.94	19.74
279.4	304.8	76.20	50.80	76.20	76.15	30.56	30.35	76.25	76.20	21.11	20.90
304.8	330.2	82.55	53.98	82.55	82.50	32.54	32.33	82.60	82.55	22.30	20.90
330.2	355.6	88.90	60.33	88.90	88.85	36.09	35.89	88.95	88.90	25.10	22.10
355.6	381.0	95.25	63.50	95.25	95.20	38.15	37.90	95.30	95.25	26.31	24.89
381.0	406.4	101.60	66.68	101.60	101.55	40.16	39.90	101.65	101.60	27.48	26.06
406.4	431.8	107.95	73.03	107.95	107.90	43.71	43.46	108.00	107.95	30.28	27.23
431.8	457.2	114.30	76.20	114.30	114.25	45.75	45.49	114.35	114.30	31.47	30.02
457.2	482.6	120.65	79.38	120.65	120.60	47.70	47.45	120.70	120.65	32.69	31.22
482.6	508.0	127.00	85.73	127.00	126.95	51.31	51.05	127.05	127.00	35.43	32.44

**Imperial (Pre-War) Keyways**

DIAMETER		KEY		SHAFT				HUB			
OVER	INCL	W	H	WIDTH	TOL.	DEPTH	TOL.	WIDTH	TOL.	DEPTH	TOL.
4.8	6.4	2.38	2.38	2.38		1.48		2.38		0.95	
6.4	9.5	3.18	3.18	3.18		1.95		3.18		1.28	
9.5	12.7	3.97	3.97	3.97		2.37		3.97		1.65	
12.7	19.1	4.76	3.97	4.76	-0.03	2.37	0.03	4.76	-0.03	1.65	0.03
19.1	25.4	6.35	4.76	6.35		2.87		6.35		1.94	
25.4	31.8	7.94	5.56	7.94		3.37		7.94		2.24	
31.8	38.1	9.53	6.35	9.59		3.86		9.59		2.54	
38.1	44.5	11.11	7.14	11.11		4.37		11.11		2.85	
44.5	50.8	12.70	8.73	12.70	-0.04	5.27		12.70	-0.38	3.54	
50.8	57.2	14.29	9.53	14.29		5.76		14.29		3.84	
57.2	63.5	15.88	10.32	15.88		6.26		15.88		4.14	
63.5	69.9	17.46	11.91	17.46		7.17		17.46		4.84	
69.9	76.2	19.05	12.70	19.05		7.67		19.05		5.14	
76.2	88.9	22.23	15.88	22.23	-0.05	9.51	0.04	22.23	-0.05	6.46	0.04
63.5	101.6	25.40	17.46	25.40		10.51		25.40		7.06	
101.6	114.3	28.58	19.05	28.58		11.50		28.58		7.65	
114.3	127.0	31.75	20.64	31.75		12.50		31.75		8.24	
127.0	139.7	34.93	23.81	34.93		14.30		34.93		9.64	
139.7	152.4	38.10	25.40	38.10	-0.06	15.77		38.10	-0.06	10.23	
152.4	165.1	41.28	26.99	41.28		16.29		41.28		10.83	
165.1	177.8	44.45	30.16	44.45		18.08		44.45		12.21	
177.8	190.5	34.93	31.75	47.63		19.08		47.63		12.82	
190.5	203.2	50.80	34.93	50.80	-0.08	20.87	0.05	50.80	-0.08	14.21	0.05
203.2	228.6	57.15	38.10	57.15		22.98		57.15		15.28	
228.6	254.0	63.50	41.28	63.50		24.97		63.50		16.46	
254.0	279.4	69.85	47.63	69.85		28.57		69.85		19.26	
279.4	304.8	76.20	50.80	76.20	-0.10	30.56		76.20	-0.10	20.44	