



Shaft Diameter / Key Combinations per DIN 6885 Part 1

Nom. Shaft dia.		Nom. Shaft dia.		Key Width	Key Height	" X "	" Y "
mm	inches	mm	inches				
over	to	over	to	mm	mm	mm	mm
6	8	0.24	0.31	2	2	1.1 / 1.3	1.0 / 1.1
8	10	0.31	0.39	3	3	1.8 / 1.9	1.4 / 1.5
10	12	0.39	0.47	4	4	2.5 / 2.6	1.8 / 1.9
12	17	0.47	0.67	5	5	3.0 / 3.1	2.3 / 2.4
17	22	0.67	0.87	6	6	3.5 / 3.6	2.8 / 2.9
22	30	0.87	1.18	8	7	4.0 / 4.2	3.3 / 3.5
30	38	1.18	1.50	10	8	5.0 / 5.2	3.3 / 3.5
38	44	1.50	1.73	12	8	5.0 / 5.2	3.3 / 3.5
44	50	1.73	1.97	14	9	5.5 / 5.7	3.8 / 4.0
50	58	1.97	2.28	16	10	6.0 / 6.2	4.3 / 4.5
58	65	2.28	2.56	18	11	7.0 / 7.2	4.4 / 4.6
65	75	2.56	2.95	20	12	7.5 / 7.7	4.9 / 5.1
75	85	2.95	3.35	22	14	9.0 / 9.2	5.4 / 5.6
85	95	3.35	3.74	25	14	9.0 / 9.2	5.4 / 5.6
95	110	3.74	4.33	28	16	10.0 / 10.2	6.4 / 6.6
110	130	4.33	5.12	32	18	11.0 / 11.2	7.4 / 7.6
130	150	5.12	5.91	36	20	12.0 / 12.3	8.4 / 8.7
150	170	5.91	6.69	40	22	13.0 / 13.3	9.4 / 9.7
170	200	6.69	7.87	45	25	15.0 / 15.3	10.4 / 10.7
200	230	7.87	9.06	50	28	17.0 / 17.3	11.4 / 11.7
230	260	9.06	10.24	56	32	20.0 / 20.3	12.4 / 12.7
260	290	10.24	11.42	63	32	20.0 / 20.3	12.4 / 12.7
290	330	11.42	12.99	70	36	22.0 / 22.3	14.4 / 14.7
330	380	12.99	14.96	80	40	25.0 / 25.3	15.4 / 15.7

Please Note:

1. See table A4 for recommended keyway widths.
2. Recommended tolerance on key width is +.05 / -0 mm (+.002 / - 0 inch).
3. Using the "X" and "Y" dimensions given will allow proper headroom clearance.
4. A tight side to side fit is required between the keys and the shaft and hub keyways. Hand fitting at assembly is usually required.