

### Metric Key & Keyway Dimensions Per ISO/R773 – Js9 Width Tolerance ★

Key & Keyway Dimensions – Millimeters											Falk Coupling Hub Keyway Dimensions – Inches							
Shaft Diameter "D"		Key Size Nominal		Keyway Width Hub "W"			Keyway Depth Hub "T <sub>2</sub> "		Keyway Radius "R" †		Shaft Diameter "D"		Keyway Width Hub "W"	Keyway Depth Hub "T <sub>2</sub> "		Keyway Radius "R" †		
Over	Thru	Width "W"	Height "H"	Nominal	Min	Max	Min	Max	Min	Max	Over	Thru		Min	Max	Min	Max	
6	8	2	2	2	-.0125	+.0125	1.0	1.1	0.08	0.16	0.2362	0.3150	0.0783 / 0.0792	0.0394	0.0433	0.004	0.006	
8	10	3	3	3	-.0125	+.0125	1.4	1.5	0.08	0.16	0.3150	0.3937	0.1176 / 0.1186	0.0551	0.0591	0.004	0.006	
10	12	4	4	4	-.0150	+.0150	1.8	1.9	0.08	0.16	0.3937	0.4724	0.1569 / 0.1581	0.0709	0.0748	0.004	0.006	
12	17	5	5	5	-.0150	+.0150	2.3	2.4	0.16	0.25	0.4724	0.6693	0.1963 / 0.1974	0.0906	0.0945	0.007	0.009	
17	22	6	6	6	-.0150	+.0150	2.8	2.9	0.16	0.25	0.6693	0.8661	0.2357 / 0.2368	0.1102	0.1142	0.007	0.009	
22	30	8	7	8	-.0180	+.0180	3.3	3.5	0.16	0.25	0.8661	1.1811	0.3143 / 0.3157	0.1299	0.1378	0.007	0.009	
30	38	10	8	10	-.0180	+.0180	3.3	3.5	0.25	0.40	1.1811	1.4961	0.3930 / 0.3944	0.1299	0.1378	0.010	0.015	
38	44	12	8	12	-.0215	+.0215	3.3	3.5	0.25	0.40	1.4961	1.7323	0.4716 / 0.4733	0.1299	0.1378	0.010	0.015	
44	50	14	9	14	-.0215	+.0215	3.8	4.0	0.25	0.40	1.7323	1.9685	0.5503 / 0.5520	0.1496	0.1575	0.010	0.015	
50	58	16	10	16	-.0215	+.0215	4.3	4.5	0.25	0.40	1.9685	2.2835	0.6291 / 0.6308	0.1693	0.1772	0.010	0.015	
58	65	18	11	18	-.0215	+.0215	4.4	4.6	0.25	0.40	2.2835	2.5591	0.7078 / 0.7095	0.1732	0.1811	0.010	0.015	
65	75	20	12	20	-.0260	+.0260	4.9	5.1	0.40	0.60	2.5591	2.9528	0.7864 / 0.7884	0.1929	0.2008	0.016	0.023	
75	85	22	14	22	-.0260	+.0260	5.4	5.6	0.40	0.60	2.9528	3.3465	0.8651 / 0.8672	0.2126	0.2205	0.016	0.023	
85	95	25	14	25	-.0260	+.0260	5.4	5.6	0.40	0.60	3.3465	3.7402	0.9832 / 0.9853	0.2126	0.2205	0.016	0.023	
95	110	28	16	28	-.0260	+.0260	6.4	6.6	0.40	0.60	3.7402	4.3307	1.1013 / 1.1034	0.2520	0.2598	0.016	0.023	
110	130	32	18	32	-.0310	+.0310	7.4	7.6	0.40	0.60	4.3307	5.1181	1.2586 / 1.2611	0.2913	0.2992	0.016	0.023	
130	150	36	20	36	-.0310	+.0310	8.4	8.7	0.70	1.00	5.1181	5.9055	1.4161 / 1.4185	0.3307	0.3425	0.028	0.039	
150	170	40	22	40	-.0310	+.0310	9.4	9.7	0.70	1.00	5.9055	6.6929	1.5736 / 1.5760	0.3701	0.3819	0.028	0.039	
170	200	45	25	45	-.0310	+.0310	10.4	10.7	0.70	1.00	6.6929	7.8740	1.7704 / 1.7729	0.4094	0.4213	0.028	0.039	
200	230	50	28	50	-.0310	+.0310	11.4	11.7	0.70	1.00	7.8740	9.0551	1.9673 / 1.9697	0.4488	0.4606	0.028	0.039	
230	260	56	32	56	-.0370	+.0370	12.4	12.7	1.20	1.60	9.0551	10.2362	2.2033 / 2.2062	0.4882	0.5000	0.047	0.063	
260	290	63	32	63	-.0370	+.0370	12.4	12.7	1.20	1.60	10.2362	11.4173	2.4789 / 2.4818	0.4882	0.5000	0.047	0.063	
290	330	70	36	70	-.0370	+.0370	14.4	14.7	1.20	1.60	11.4173	12.9921	2.7544 / 2.7574	0.5669	0.5787	0.047	0.063	
330	380	80	40	80	-.0370	+.0370	15.4	15.7	2.00	2.50	12.9921	14.9606	3.1481 / 3.1511	0.6063	0.6181	0.079	0.098	
380	440	90	45	90	-.0435	+.0435	17.4	17.7	2.00	2.50	14.9606	17.3228	3.5416 / 3.5450	0.6850	0.6969	0.079	0.098	
440	500	100	50	100	-.0435	+.0435	19.5	19.8	2.00	2.50	17.3228	19.6850	3.9353 / 3.9387	0.7677	0.7795	0.079	0.098	

★ Keyways will be furnished per ISO/R773 and Js9 width tolerance unless otherwise specified. (Dimensions comply with DIN 6885/1)

† Requires the use of chamfered keys.

**Surface Finish — Sides and bottom of keyways shall not exceed 250 micro inches.**

**See Page 2 for Optional P9 & D10 Keyway Dimensions**

