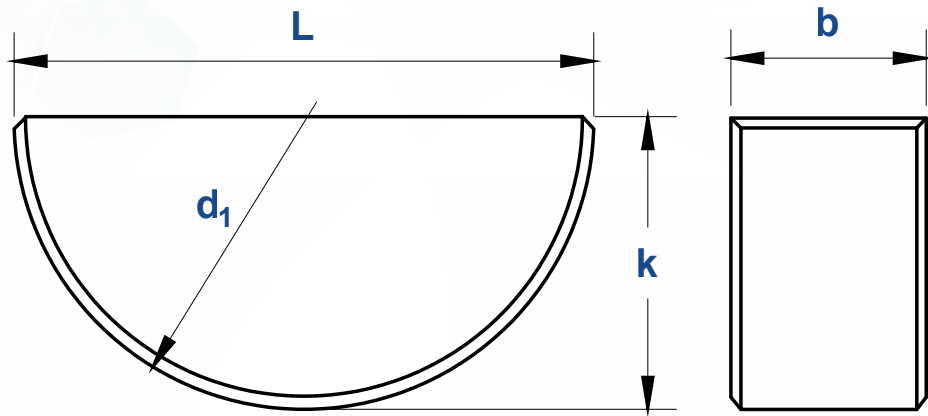




Normal size b			1	1.5	2	2	2.5	3	3	3	4	4	4	5
b	max		1	1.5	2	2	2.5	3	3	3	4	4	4	5
	min		0.975	1.475	1.975	1.975	2.475	2.975	2.975	2.975	3.97	3.97	3.97	4.97
k	max=nominal size		1.4	2.6	2.6	3.7	3.7	3.7	5	6.5	5	6.5	7.5	6.5
	min		1.3	2.5	2.5	3.58	3.58	3.58	4.88	6.35	4.88	6.35	7.35	6.35
d ₁	max=nominal size		4	7	7	10	10	10	13	16	13	16	19	16
	min		3.9	6.9	6.9	9.9	9.9	9.9	12.9	15.9	12.9	15.9	18.9	15.9
d	Allocation	I ①	3~4	>4~6	>6~8	>6~8	>8~10	>8~10	>8~10	/	>10~12	>10~12	/	>12~17
		II ①	6~8	>8~10	>10~12	>10~12	>12~17	>12~17	>12~17	>12~17	>17~22	>17~22	>17~22	>22~30
L	≈		3.82	6.76	6.76	9.66	9.66	9.66	12.56	15.72	12.65	15.72	18.57	15.72
per 1000 units≈kg			0.031	0.153	0.204	0.414	0.518	0.622	1.1	1.8	1.47	2.4	3.27	3.01

Normal size b			5	5	6	6	6	6	8	8	8	10	10	10
b	max		5	5	6	6	6	6	8	8	8	10	10	10
	min		4.97	4.97	5.97	5.97	5.97	5.97	7.964	7.964	7.964	9.964	9.964	9.964
k	max=nominal size		7.5	9	7.5	9	10	11	9	11	13	11	13	16
	min		7.35	8.85	7.35	8.85	9.85	10.82	8.85	10.82	12.82	10.82	12.82	15.82
d ₁	max=nominal size		19	22	19	22	25	28	22	28	32	28	32	45
	min		18.9	21.9	18.9	21.9	24.8	27.8	21.9	27.8	31.8	27.8	31.8	44.8
d	Allocation	I ^①	>12~17	/	>17~22	>17~22	>17~22	/	>22~30	>22~30	/	>30~38	>30~38	/
		II ^①	>22~30	>22~30	>30~38	>30~38	>30~38	>30~38	38	38	38	38	38	38
L	≈		18.57	21.63	18.57	21.63	24.49	27.35	21.63	27.35	31.43	27.35	31.43	43.08
per 1000 units≈kg			4.09	5.73	4.91	6.88	8.64	10.6	9.17	14.1	19.3	17.6	24.1	39.9

①, Allocation I applies in all cases where the Woodruff key is used in the role of the parallel key, i.e. to transmit the whole of the torque. Allocation II applies in all cases where the Woodruff key is used solely for positioning the driving element and where other elements, e.g. cross wedge or taper, are used to transmit the torque.