

Normal size b		2	3	4	5	6	8	10	12	14	16	18	20	22	
h		2	3	4	5	6	7	8	8	9	10	11	12	14	
d ₁	min		6	8	10	12	17	22	30	38	44	50	58	65	75
	max		8	10	12	17	22	30	38	44	50	58	65	75	85
b	Shaft Groove	Nominal Size	2	3	4	5	6	8	10	12	14	16	18	20	22
	(P9)	min	1.969	2.969	3.958	4.958	5.958	7.949	9.949	11.939	13.939	15.939	17.939	19.926	21.926
		max	1.994	2.994	3.988	4.988	5.988	7.985	9.985	11.982	13.982	15.982	17.982	19.978	21.978
	(N9)	min	1.971	2.971	3.970	4.970	5.970	7.964	9.964	11.957	13.957	15.957	17.957	19.948	21.948
max		1.996	2.996	4.000	5.000	6.000	8.000	10.000	12.000	14.000	16.000	18.000	20.000	22.000	
t ₁	Shaft Groove	min=nominal size	1.2	1.8	2.5	3.0	3.5	4.0	5.0	5.0	5.5	6.0	7.0	7.5	9.0
		max	1.3	1.9	2.6	3.1	3.6	4.2	5.2	5.2	5.7	6.2	7.2	7.7	9.2
b ₁	Hub Groove	Nominal Size	2	3	4	5	6	8	10	12	14	16	18	20	22
	(P9)	min	1.969	2.969	3.958	4.958	5.958	7.949	9.949	11.939	13.939	15.939	17.939	19.926	21.926
		max	1.994	2.994	3.988	4.988	5.988	7.985	9.985	11.982	13.982	15.982	17.982	19.978	21.978
	(JS9)	min	1.9875	2.9875	3.9850	4.9850	5.9850	7.9820	9.9820	11.9785	13.9785	15.9785	17.9785	19.9740	21.9740
max		2.0125	3.0125	4.0150	5.0150	6.0150	8.0180	10.0180	12.0215	14.0215	16.0215	18.0215	20.0260	22.0260	
t ₂	Hub Groove, loose	min=nominal size	1.0	1.4	1.8	2.3	2.8	3.3	3.3	3.3	3.8	4.3	4.4	4.9	5.4
		max	1.1	1.5	1.9	2.4	2.9	3.5	3.5	3.5	4.0	4.5	4.6	5.1	5.6
	Hub Groove, Tight	min=nominal size	0.5	0.9	1.2	1.7	2.2	2.4	2.4	2.4	2.9	3.4	3.4	3.9	4.4
		max	0.6	1.0	1.3	1.8	2.3	2.6	2.6	2.6	3.1	3.6	3.6	4.1	4.6
d ₂	min		d1 + 2.5	d1 + 3.5	d1 + 4	d1 + 5	d1 + 6	d1 + 8	d1 + 8	d1 + 8	d1 + 9	d1 + 11	d1 + 11	d1 + 12	d1 + 14

Normal size b		25	28	32	36	40	45	50	56	63	70	80	90	100	
h		14	16	18	20	22	25	28	32	32	36	40	45	50	
d ₁	min	85	95	110	130	150	170	200	230	260	290	330	380	440	
	max	95	110	130	150	170	200	230	260	290	330	380	440	500	
b	Shaft Groove	Nominal Size	25	28	32	36	40	45	50	56	63	70	80	90	100
		(P9)	min	24.926	27.926	31.912	35.912	39.912	44.912	49.912	55.894	62.894	69.894	79.894	89.876
	max		24.978	27.978	31.974	35.974	39.974	44.974	49.974	55.968	62.968	69.968	79.968	89.963	99.963
	(N9)	min	24.948	27.948	31.938	35.938	39.938	44.938	49.938	55.926	62.926	69.926	79.926	89.913	99.913
max		25	28	32	36	40	45	50	56	63	70	80	90	100	
t ₁	Shaft Groove	min=nominal size	9.0	10.0	11.0	12.0	13.0	15.0	17.0	20.0	20.0	22.0	25.0	28.0	31.0
		max	9.2	10.2	11.2	12.3	13.3	15.3	17.3	20.3	20.3	22.3	25.3	28.3	31.3
b ₁	Hub Groove	Nominal Size	25	28	32	36	40	45	50	56	63	70	80	90	100
		(P9)	min	24.926	27.926	31.912	35.912	39.912	44.912	49.912	55.894	62.894	69.894	79.894	89.876
	max		24.978	27.978	31.974	35.974	39.974	44.974	49.974	55.968	62.968	69.968	79.968	89.963	99.963
	(JS9)	min	24.9740	27.9740	31.9690	35.9690	39.9690	44.9690	49.9690	55.9630	62.9630	69.9630	79.9630	89.9565	99.9565
max		25.0260	28.0260	32.0310	36.0310	40.0310	45.0310	50.0310	56.0370	63.0370	70.0370	80.0370	90.0435	100.0435	
t ₂	Hub Groove, loose	min=nominal size	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	12.4	14.4	15.4	17.4	19.5
		max	5.6	6.6	7.6	8.7	9.7	10.7	11.7	12.7	12.7	14.7	15.7	17.7	19.8
	Hub Groove, Tight	min=nominal size	4.4	5.4	6.4	7.1	8.1	9.1	10.1	11.1	11.1	13.1	14.1	16.1	18.1
		max	4.6	5.6	6.6	7.4	8.4	9.4	10.4	11.4	11.4	13.4	14.4	16.4	18.4
d ₂	min	d1 + 14	d1 + 16	d1 + 18	d1 + 21	d1 + 23	d1 + 26	d1 + 28	d1 + 32	d1 + 32	d1 + 36	d1 + 40	d1 + 45	d1 + 50	