



Specified Machining Tolerances

Nominal SHAFTS (outside diameter) sizes units 1.0.00 Inches

Inches Over	To	e9	f8	f9	h8	h9	h10	h11	js10	js11
0.04	0.12	-0.000	-0.000	-0.000	0	0	0	0	+0.001	+0.001
		-0.002	-0.001	-0.001	-0.001	-0.002	-0.003	-0.001	-0.001	
0.12	0.24	-0.000	-0.000	-0.000	0	0	0	0	+0.001	+0.002
		-0.002	-0.001	-0.002	-0.001	-0.002	-0.003	-0.001	-0.002	
0.24	0.40	-0.001	-0.000	-0.001	0	0	0	0	+0.001	+0.002
		-0.002	-0.001	-0.002	-0.001	-0.002	-0.002	-0.004	-0.001	-0.002
0.40	0.71	-0.001	-0.001	-0.001	0	0	0	0	+0.002	+0.002
		-0.003	-0.002	-0.002	-0.001	-0.002	-0.003	-0.004	-0.002	-0.002
0.71	1.19	-0.002	-0.001	-0.001	0	0	0	0	+0.002	+0.003
		-0.004	-0.002	-0.003	-0.001	-0.002	-0.004	-0.005	-0.002	-0.003
1.19	1.97	-0.002	-0.001	-0.001	0	0	0	0	+0.002	+0.003
		-0.005	-0.003	-0.003	-0.002	-0.003	-0.004	-0.006	-0.002	-0.003
1.97	3.15	-0.003	-0.001	-0.001	0	0	0	0	+0.002	+0.004
		-0.006	-0.003	-0.004	-0.002	-0.003	-0.005	-0.007	-0.002	-0.004
3.15	4.73	-0.003	-0.001	-0.001	0	0	0	0	+0.003	+0.005
		-0.007	-0.004	-0.005	-0.002	-0.004	-0.0005	-0.009	-0.003	-0.005
4.73	7.09	-0.004	-0.002	-0.002	0	0	0	0	+0.003	+0.005
		-0.008	-0.004	-0.006	-0.003	-0.004	-0.006	-0.010	-0.003	-0.005
7.09	9.85	-0.004	-0.002	-0.002	0	0	0	0	+0.004	+0.006
		-0.009	-0.005	-0.007	-0.003	-0.005	-0.007	-0.012	-0.004	-0.006
9.85	12.41	-0.005	-0.002	-0.002	0	0	0	0	+0.004	+0.006
		-0.010	-0.005	-0.007	-0.003	-0.005	-0.008	-0.012	-0.004	-0.006

BORES (inside diameter) units 1.0.00 Inches

Inches Over	To	H8	H9	H10	H11	Js11
0.04	0.12	+0.001	+0.001	+0.002	+0.003	+0.001
		0	0	0	0	-0.001
0.12	0.24	+0.001	+0.001	+0.002	+0.003	+0.002
		0	0	0	0	-0.002
0.24	0.40	+0.001	+0.001	+0.002	+0.004	+0.002
		0	0	0	0	-0.002
0.40	0.71	+0.001	+0.002	+0.003	+0.004	+0.002
		0	0	0	0	-0.002
0.71	1.19	+0.001	+0.002	+0.004	+0.005	+0.003
		0	0	0	0	-0.003
1.19	1.97	+0.002	+0.003	+0.004	+0.006	+0.003
		0	0	0	0	-0.003
1.97	3.15	+0.002	+0.003	+0.005	+0.007	+0.004
		0	0	0	0	-0.004
3.15	4.73	+0.002	+0.004	+0.005	+0.009	+0.005
		0	0	0	0	-0.005
4.73	7.09	+0.003	+0.004	+0.006	+0.010	+0.005
		0	0	0	0	-0.005
7.09	9.85	+0.003	+0.005	+0.007	+0.012	+0.006
		0	0	0	0	-0.006
9.85	12.41	+0.003	+0.005	+0.008	+0.012	+0.006
		0	0	0	0	-0.006

Surface finish equivalent units of measurement.

Micro Meters μm Ra	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3
Micro inches μm RA	1	2	4	8	16	32	63	125

Other sizes and materials available on request - please enquire. Standard terms and conditions apply.