

Bolt Clearance Chart

Bolt or Screw Diameter	Close Fit		Medium Fit		Free Fit	
	Clearance Hole (MM)		Clearance Hole (MM)		Clearance Hole (MM)	
	Min ϕ	Max ϕ	Min ϕ	Max ϕ	Min ϕ	Max ϕ
M2	2.20	2.30	2.40	2.54	2.60	2.85
M3	3.20	3.35	3.40	3.58	3.60	3.90
M4	4.30	4.45	4.50	4.68	4.80	5.10
M5	5.30	5.45	5.50	5.68	5.80	6.10
M6	6.40	6.55	6.60	6.82	7.00	7.36
M8	8.40	8.55	9.00	9.22	10.00	10.36
M10	10.50	10.68	11.00	11.27	12.00	12.43
M12	13.00	13.18	14.00	14.27	15.00	15.43
M14	15.00	15.18	16.00	16.27	17.00	17.43
M16	17.00	17.18	18.00	18.27	19.00	19.52
M18	19.00	19.20	20.00	20.33	21.00	21.52
M20	21.00	21.20	22.00	22.33	24.00	24.52
M22	23.00	23.20	24.00	24.33	26.00	26.52
M24	25.00	25.20	26.00	26.33	28.00	28.52
M27	28.00	28.20	30.00	30.33	32.00	32.62
M30	31.00	31.25	33.00	33.40	35.00	35.62
M33	34.00	34.25	36.00	36.40	38.00	38.62
M36	37.00	37.25	39.00	39.40	42.00	42.62
M39	40.00	40.25	42.00	42.40	45.00	45.62
M42	43.00	43.25	45.00	45.40	48.00	48.62
M45	46.00	46.25	48.00	48.40	52.00	52.74
M48	50.00	50.25	52.00	52.50	56.00	56.74
M52	54.00	54.30	56.00	56.50	62.00	62.74
M56	58.00	58.30	60.00	60.50	66.00	66.74
M64	66.00	66.30	68.00	68.50	74.00	74.74

