

ISO 3290-1 国际钢球标准

Ball Grade 级别	Ball Diameter Variation 球直径变动量	Variation of Ball Lot Diameter 批直径变动量	Deviation from Spherical Form 球形误差	Surface Roughness 表面粗糙度	Ball Gauge Interval 球规值间距	Preferred Ball Gauges 球优先规值	Ball Subgauge Interval 球分规值间距	Ball Subgauges 球分规值
G3	0.08	0.13	0.08	0.01	0.5	-5, ...-0.5, 0, +0.5, ...+5	0.1	-0.2, -0.1, 0, +0.1, +0.2
G5	0.13	0.25	0.13	0.014	1	-5, ...-1, 0, +1, ...+5	0.2	-0.4, -0.2, 0, +0.2, +0.4
G10	0.25	0.5	0.25	0.02	1	-9, ...-1, 0, +1, ...+9	0.2	-0.4, -0.2, 0, +0.2, +0.4
G16	0.4	0.8	0.4	0.025	2	-10, ...-2, 0, +2, ...+10	0.4	-0.8, -0.4, 0, +0.4, +0.8
G20	0.5	1	0.5	0.032	2	-10, ...-2, 0, +2, ...+10	0.4	-0.8, -0.4, 0, +0.4, +0.8
G24	0.6	1.2	0.6	0.04	2	-12, ...-2, 0, +2, ...+12	0.4	-0.8, -0.4, 0, +0.4, +0.8
G28	0.7	1.4	0.7	0.05	2	-12, ...-2, 0, +2, ...+12	0.4	-0.8, -0.4, 0, +0.4, +0.8
G40	1	2	1	0.06	4	-16, ...-4, 0, +4, ...+16	0.8	-1.6, -0.8, 0, +0.8, +1.6
G60	1.5	3	1.5	0.08	6	-18, ...-6, 0, +6, ...+18	1.2	-2.4, -1.2, 0, +1.2, +2.4
G100	2.5	5	2.5	0.1	10	-40, ...-10, 0, +10, ...+40	2	-4, -2, 0, +2, +4
G200	5	10	5	0.15	15	-60, ...-15, 0, +15, ...+60	3	-6, -3, 0, +3, +6

* Measurements are in micrometers(μm)

* 单位：微米 (μm)

恒锐钢球