

## 氮化硅陶瓷球尺寸公差表

### Dimensions and tolerances of ceramic bearing ball

球等级 Ball grade	规值 Ball gauge	分规值 Ball subgauges	球直径变动量 Variation of ball diameter VDw max	批直径变动量 Variation of ball lot diameter VDwL max	球形误差 Deviation from spherical form $\Delta$ Sph max	表面粗糙度 Surface roughness Ra max
G5	±5	±0.4	0.13(5)	0.25(10)	0.13	0.014
G10	±10	±0.4	0.25(10)	0.5(20)	0.25	0.020
G16	±10	±0.8	0.40(16)	0.8(32)	0.40	0.025
G20	±10	±0.8	0.50(20)	1.0(40)	0.50	0.032
G24	±12	±0.8	0.60(24)	1.2(48)	0.60	0.040
G28	±12	±0.8	0.70(28)	1.4(55)	0.70	0.050
G40	±16	±1.6	1.00(40)	2.0(80)	1.00	0.060
G60	±16	±2.4	1.50(60)	3.0(120)	1.50	0.080
G100	±40	±4	2.50(100)	5.0(200)	2.50	0.100
G200	±60	±6	5.00(200)	10(400)	5.00	0.150

unit:  $\mu$ m