

**Table D, (Metric)**  
**Tolerances by grade for lots balls**

Ball Grade diameter	Allallowable lot diameter Variation  $V_{DWL}$	Nominal ball deviation tolerance	Tolerances in micrometers		Container  Increment
			Allowable ball gage marking $\Delta_s$	high      low	
			high	low	
3	0,13		+0,75	-0,75	0,25
5	0,25		+1,25	-1	0,25
10	0,5		+1,25	-1	0,25
16	0,8		+1,25	-1	0,25
24	1,2		+2,5	-2,5	0,25
48	2,4	x	x		1,25
100	5	$\pm 12,5$	x		x
200	10	$\pm 25$	x		x
500	25	$\pm 50$	x		x
1000	50	$\pm 125$	x		x

x: not applicable

**Table D, (Inch)**  
**Tolerances by grade for lot of balls**

Ball Grade diameter	Allallowable lot diameter Variation  $V_{DWL}$	Nominal ball deviation tolerance	Tolerances in micrometers		Container  Increment
			Allowable ball gage marking $\Delta_s$	high      low	
			high	low	
3	5	x	+0,75	-0,75	0,25
5	10	x	+1,25	-1	0,25
10	20	x	+1,25	-1	0,25
16	32	x	+1,25	-1	0,25
24	48	x	+2,5	-2,5	0,25
48	96	x	x		50
100	200	$\pm 500$	x		x
200	400	$\pm 1000$	x		x
500	1000	$\pm 2000$	x		x
1000	2000	$\pm 5000$	x		x

x: not applicable