

# Kugel-Winnie. Eine runde Sache.



**Gewichte für Präzisions-Stahlkugeln nach DIN 5401:2002-08**

**Material 1.3505 bis 39,500 mm**

**Material 1.3520 > 39,500 mm**

Nennmaß		Gewicht / 100 Stück	Nennmaß	Gewicht / 100 Stück		Nennmaß	Gewicht / 100 Stück	
mm	Zoll	kg	mm	Zoll	kg	mm	Zoll	kg
1,000		0,00041	16,000		1,6836	41,275	1 5/8	28,902
1,200		0,00070	17,000		2,0194	42,862	1 11/16	32,366
1,500		0,00139	17,462	1 11/16	2,1885	44,450	1 3/4	36,098
1,588	1/16	0,00165	18,000		2,3971	45,000	-	37,455
2,000		0,00329	19,000		2,8192	46,038	1 13/16	40,107
2,381	3/32	0,00555	19,050	3/4	2,8415	47,625	1 7/8	44,399
2,500		0,00642	19,844	25/32	3,2119	49,212	1 15/16	48,987
2,778	7/64	0,00881	20,000		3,2882	50,000	-	51,378
3,000		0,01110	21,000		3,8065	50,800	2	53,884
3,175	1/8	0,0132	22,000		4,3766	52,388	2 1/16	59,097
3,500		0,0176	22,225	7/8	4,5123	53,975	2 1/8	64,632
3,969	5/32	0,0257	23,000		5,0009	55,000	-	68,384
4,000		0,0263	24,000		5,6820	57,150	2 1/4	76,722
4,500		0,0375	25,000		6,4223	58,738	2 5/16	82,886
4,762	3/16	0,0444	25,400	1	6,7355	60,000	-	88,78
5,000		0,0514	26,000		7,2242	60,325	2 3/8	90,23
5,500		0,0684	26,988	1 1/16	8,0396	61,912	2 7/16	97,54
5,556	7/32	0,0705	27,781	1 3/32	8,8128	63,500	2 1/2	105,24
6,000		0,0888	28,000		9,0228	65,000	-	112,88
6,350	1/4	0,1052	28,575	1 1/8	9,5430	66,675	2 5/8	121,83
6,500		0,1129	30,000		11,0977	69,850	2 3/4	140,08
7,000		0,1410	30,956	1 7/32	12,1327	70,000	-	140,29
7,144	9/32	0,1499	31,750	1 1/4	13,1553	73,025	2 7/8	160,06
7,500		0,1734	32,000		13,4685	75,000	-	173,40
7,938	5/16	0,2056	32,544	1 9/32	14,1671	76,200	3	181,86
8,000		0,2104	33,338	1 5/16	15,2295	79,375	3 1/8	205,55
8,500		0,2524	34,000		16,1549	80,000	-	210,44
8,731	11/32	0,2736	34,131	1 11/32	16,2620	82,550	3 1/4	231,22
9,000		0,2996	34,925	1 3/8	17,5097	85,725	3 3/8	258,94
9,525	3/8	0,3552	35,000		17,6227	88,900	3 1/2	288,78
10,000		0,4110	35,719	1 13/32	18,7312	90,000	-	299,64
10,319	13/32	0,4516	36,000	3/8	19,1768	92,075	3 5/8	320,84
11,000		0,5471	36,512	1 7/8	20,0067	95,250	3 3/4	355,19
11,112	7/16	0,6640	37,306	1 15/32	21,2354	98,425	3 7/8	391,91
11,500		0,6251	38,000		22,5538	100,000	-	411,03
11,906	15/32	0,6937	38,100	1 1/2	22,7323	104,775	4 1/8	472,76
12,000		0,7103	38,894	1 17/32	24,0643	110,000	-	547,07
12,700	1/2	0,8419	39,688	1 9/16	25,6948	114,300	4 1/2	613,77
13,000		0,9030	40,000		26,3056	120,000	-	710,25
13,494	17/32	1,0099				127,000	-	841,94
14,000		1,1279				150,000	-	1387,21
14,288	9/16	1,1989						
15,000		1,3872						
15,081	19/32	1,4098						
15,875	5/8	1,6444						