

Kugelgewichte von Stahlwerkstoffen

Ball weights steel balls

Kugelgewicht für Kugeln aus Wälzlagerstahl (1.3505). Das spez. Gewicht ist mit 7,85 kg/dm³ gerechnet.

The ball weights refer to chrome steel balls (1.3505). The weights are calculated on basis of the specific weight 7,85 kg/dm³.

mm	inch	kg/1.000 balls	mm	inch	kg/1.000 balls	mm	inch	kg/1.000 balls
0,400	–	0,00025	11,500	–	6,251	40,000	–	263,056
0,500	–	0,00050	11,906	¹⁵ / ₃₂	6,937	41,275	1 ⁵ / ₈	289,021
0,600	–	0,00087	12,000	–	7,103	42,862	1 ¹¹ / ₁₆	323,657
0,635	–	0,00103	12,700	¹ / ₂	8,419	44,450	–	360,980
0,700	–	0,00138	13,000	–	9,030	45,000	–	374,547
0,800	–	0,00206	13,494	¹⁷ / ₃₂	10,099	46,038	1 ¹³ / ₁₆	401,068
1,000	–	0,00409	14,000	–	11,279	47,625	1 ⁷ / ₈	443,990
1,200	–	0,00696	14,288	⁹ / ₁₆	11,989	49,212	1 ¹⁵ / ₁₆	489,871
1,500	–	0,01387	15,000	–	13,872	50,000	–	513,781
1,588	¹ / ₁₆	0,01646	15,081	–	14,098	50,800	2	538,839
2,000	–	0,03288	15,875	–	16,444	52,388	2 ¹ / ₁₆	590,968
2,381	³ / ₃₂	0,05548	16,000	–	16,836	53,975	2 ¹ / ₈	646,318
2,500	–	0,06422	17,000	–	20,194	55,000	–	683,843
2,778	⁷ / ₆₄	0,08812	17,462	¹¹ / ₁₆	21,885	57,150	2 ¹ / ₄	767,215
3,000	–	0,1110	18,000	–	23,971	60,000	–	887,8
3,175	¹ / ₈	0,1316	19,000	–	28,192	60,325	2 ³ / ₈	902,3
3,500	–	0,1762	19,050	³ / ₄	28,415	61,912	2 ⁷ / ₁₆	975,4
3,969	⁵ / ₃₂	0,2570	19,844	²⁵ / ₃₂	32,119	63,500	2 ¹ / ₂	1052,4
4,000	–	0,2631	20,000	–	32,882	65,000	–	1128,8
4,500	–	0,3745	21,000	–	38,065	66,675	2 ⁵ / ₈	1218,3
4,762	³ / ₁₆	0,4439	22,000	–	43,766	69,850	2 ³ / ₄	1400,8
5,000	–	0,5138	22,225	⁷ / ₈	45,123	73,025	2 ⁷ / ₈	1600,6
5,500	–	0,6838	23,000	–	50,009	75,000	–	1734,0
5,556	⁷ / ₃₂	0,7049	24,000	–	56,820	76,200	3	1818,6
6,000	–	0,8878	25,000	–	64,223	79,375	3 ¹ / ₈	2055,5
6,350	¹ / ₄	1,052	25,400	1	67,355	80,000	–	2104,4
6,500	–	1,129	26,000	–	72,242	82,550	3 ¹ / ₄	2312,2
7,000	–	1,410	27,781	1 ³ / ₃₂	88,128	85,725	3 ³ / ₈	2589,4
7,144	⁹ / ₃₂	1,499	28,000	–	90,228	88,900	3 ¹ / ₂	2887,8
7,500	–	1,734	30,000	–	110,977	90,000	–	2996,4
7,938	⁵ / ₁₆	2,056	31,750	1 ¹ / ₄	131,553	92,075	3 ⁵ / ₈	3208,4
8,000	–	2,104	32,000	–	134,685	95,250	3 ³ / ₄	3551,9
8,500	–	2,524	32,544	1 ⁹ / ₃₂	141,671	98,425	3 ⁷ / ₈	3919,1
8,731	¹¹ / ₃₂	2,736	33,338	1 ⁵ / ₁₆	152,295	100,000	–	4110,3
9,000	–	2,996	34,000	–	161,549	101,600	4	4310,7
9,525	³ / ₈	3,552	34,925	1 ³ / ₈	175,097	104,775	4 ¹ / ₈	4727,6
10,000	–	4,110	35,000	–	176,227	107,950	4 ¹ / ₄	5170,5
10,319	¹³ / ₃₂	4,516	35,719	1 ¹³ / ₃₂	187,312	108,000	–	5177,7
11,000	–	5,471	36,000	–	191,768	110,000	–	5470,7
11,112	⁷ / ₁₆	5,640	36,512	1 ⁷ / ₁₆	200,067	111,125	4 ³ / ₈	5640,3
			38,000	–	225,538	114,300	4 ¹ / ₂	6137,7
			38,100	1 ¹ / ₂	227,323	120,000	–	7102,5
			39,688	1 ⁹ / ₁₆	256,948	127,000	–	8419,4
						150,000	–	13872,1