

Balls DIN 5401:2002-08

of steel materials

Material

1.3505
1.0616
1.0010

1.3541
1.4034
1.4125
1.4301

Nennmaß Nominal Diameter		Stückgew./je 1000 Kugeln Weights per 1000 balls	
mm	Zoll	kg	
0.400	-	0.00025	
0.500	-	0.00050	
0.600	-	0.00087	
0.635	-	0.00103	
0.700	-	0.00138	
0.800	-	0.00206	
1.000	-	0.00409	
1.200	-	0.00696	
1.500	-	0.01387	
1.588	1/16	0.01646	
2.000	-	0.03288	
2.381	3/32	0.05548	
2.500	-	0.06422	
2.778	7/64	0.08812	
3.000	-	0.1110	
3.175	1/8	0.1316	
3.500	-	0.1762	
3.969	5/32	0.2570	
4.000	-	0.2631	
4.500	-	0.3745	
4.762	3/16	0.4439	
5.000	-	0.5138	
5.500	-	0.6838	
5.556	7/32	0.7049	
6.000	-	0.8878	
6.350	1/4	1.052	
6.500	-	1.129	
7.000	-	1.410	
7.144	9/32	1.499	
7.500	-	1.734	
7.938	5/16	2.056	
8.000	-	2.104	
8.500	-	2.524	
8.731	11/32	2.736	
9.000	-	2.996	
9.525	3/8	3.552	
10.000	-	4.110	
10.319	13/32	4.516	
11.000	-	5.471	
11.112	7/16	5.640	
11.500	-	6.251	
11.906	15/32	6.937	
12.000	-	7.103	
12.700	1/2	8.419	
13.000	-	9.030	
13.494	17/32	10.099	

Material

1.3505 (bis dm 39,5 mm)
1.3520 (über dm 39,5 mm)

Nennmaß Nominal Diameter		Stückgew./je 1000 Kugeln Weights per 1000 balls	
mm	Zoll	kg	
14.000	-	11.279	
14.288	9/16	11.989	
15.000	-	13.872	
15.081	-	14.098	
15.875	-	16.444	
16.000	-	16.836	
17.000	-	20.194	
17.462	11/16	21.885	
18.000	-	23.971	
19.000	-	28.192	
19.050	3/4	28.415	
19.844	25/32	32.119	
20.000	-	32.882	
21.000	-	38.065	
22.000	-	43.766	
22.225	7/8	45.123	
23.000	-	50.009	
24.000	-	56.820	
25.000	-	64.223	
25.400	1	67.355	
26.000	-	72.242	
27.781	1 3/32	88.128	
28.000	-	90.228	
30.000	-	110.977	
31.750	1 1/4	131.553	
32.000	-	134.685	
32.544	1 9/32	141.671	
33.338	1 5/16	152.295	
34.000	-	161.549	
34.925	1 3/8	175.097	
35.000	-	176.227	
35.719	1 13/32	187.312	
36.000	-	191.768	
36.512	1 7/16	200.067	
38.000	-	225.538	
38.100	1 1/2	227.323	
39.688	1 9/16	256.948	
40.000	-	263.056	

Material

1.3520 (über dm 39,5 mm)

Nennmaß Nominal Diameter		Stückgew./je 1000 Kugeln Weights per 1000 balls	
mm	Zoll	kg	
41.275	1 5/8	289.021	
42.862	1 11/16	323.657	
44.450	1 3/4	360.980	
45.000	-	374.547	
46.038	1 13/16	401.068	
47.625	1 7/8	443.990	
49.212	1 15/16	489.871	
50.000	-	513.781	
50.800	2	538.839	
52.388	2 1/16	590.968	
53.975	2 1/8	646.318	
55.000	-	683.843	
57.150	2 1/4	767.215	
60.000	-	887.8	
60.325	2 3/8	902.3	
61.912	2 7/16	975.4	
63.500	2 1/2	1052.4	
65.000	-	1128.8	
66.675	2 5/8	1218.3	
69.850	2 3/4	1400.8	
73.025	2 7/8	1600.6	
75.000	-	1734.0	
76.200	3	1818.6	
79.375	3 1/8	2055.5	
80.000	-	2104.4	
82.550	3 1/4	2312.2	
85.725	3 3/8	2589.4	
88.900	3 1/2	2887.8	
90.000	-	2996.4	
92.075	3 5/8	3208.4	
95.250	3 3/4	3551.9	
98.425	3 7/8	3919.1	
100.000	-	4110.3	
101.600	4	4310.7	
104.775	4 1/8	4727.6	
107.950	4 1/4	5170.5	
108.000	-	5177.7	
110.000	-	5470.7	
111.125	4 3/8	5640.3	
114.300	4 1/2	6137.7	
120.000	-	7102.5	
127.000	-	8419.4	
150.000	-	13872.1	
200.000	-	32880.0	
250.000	-	64223.0	

Other materials on request.