

ROUND BARS – TABLE 2.1

Size mm	Tolerance		EN 1.4021	EN 1.4057	EN 1.4307	EN 1.4305	EN 1.4404	EN 1.4462	EN 1.4410	Weight kg/m
	ISO	mm								
12.0		+/- 0.40						O		0.89
16.0		+/- 0.50						O		1.6
16.0	k12	+ 0.18/- 0	X	X						1.6
19.0	k12	+ 0.21/- 0	X	X						2.2
20.0	k12	+ 0.21/- 0						X	X	2.5
22.0	k12	+ 0.21/- 0	X	X	X		X			3.0
25.0	k12	+ 0.21/- 0	X	X	X		X	X	X	3.9
28.0	k12	+ 0.21/- 0	X	X	X	X	X			4.8
30.0	k12	+ 0.21/- 0	X	X	X	X	X	X	X	5.6
32.0	k12	+ 0.25/- 0	X	X	X	X	X			6.3
35.0	k12	+ 0.25/- 0	X	X	X	X	X	X		7.6
36.0	k12	+ 0.25/- 0				X				8.0
38.0	k12	+ 0.25/- 0	X	X	X	X	X			8.9
40.0	k12	+ 0.25/- 0	X	X	X	X	X	X	X	9.9
45.0	k12	+ 0.25/- 0	X	X	X	X	X	X		12.5
50.0	k12	+ 0.25/- 0	X	X	X	X	X	X	X	15.4
55.0	k12	+ 0.30/- 0	X	X	X	X	X	X		18.7
60.0	k12	+ 0.30/- 0	X	X	X	X	X	X	X	22.2
65.0	k12	+ 0.30/- 0	X	X	X	X	X	X		26.1
70.0	k12	+ 0.30/- 0	X	X	X	X	X	X	X	30.2
75.0	k12	+ 0.30/- 0	X	X	X	X	X	X		34.7
80.0	k12	+ 0.30/- 0	X	X	X	X	X	X	X	39.5
85.0	k12	+ 0.35/- 0	X	X	X	X	X	X		44.5
90.0	k12	+ 0.35/- 0	X	X	X	X	X	X	X	49.9
95.0	k12	+ 0.35/- 0			X	X	X	X		55.6
100.0	k12	+ 0.35/- 0	X	X	X	X	X	X	X	61.7
105.0	k12	+ 0.35/- 0		X	X		X			68.0
110.0	k12	+ 0.35/- 0	X	X	X	X	X	X	X	74.6
115.0	k12	+ 0.35/- 0			X		X	X		81.5
120.0	k12	+ 0.35/- 0	X	X	X	X	X	X	X	88.8
125.0	k12	+ 0.40/- 0		X	X		X	X		96.3
130.0	k12	+ 0.40/- 0	X	X	X		X	X	X	104
135.0	k12	+ 0.40/- 0			X		X	X		112
140.0	k12	+ 0.40/- 0	X	X	X		X	X	X	121
145.0	k12	+ 0.40/- 0			X	X	X	X		130
150.0	k12	+ 0.40/- 0	X	X	X		X	X	X	139

O = pickled X = machined



ROUND BARS – TABLE 22

Size mm	Tolerance		EN 1.4021	EN 1.4057	EN 1.4307	EN 1.4305	EN 1.4404	EN 1.4462	EN 1.4410	Weight kg/m
	ISO	mm								
160.0	k12	+ 0.40/- 0	X	X	X		X	X	X	158
165.0	k12	+ 0.40/- 0			X		X	X		168
170.0	k12	+ 0.40/- 0		X	X		X	X		178
175.0	K12	+ 0.40/- 0						X		189
180.0	k12	+ 0.40/- 0			X		X	X	X	200
190.0	k12	+ 0.46/- 0			X		X	X		223
200.0	k12	+ 0.46/- 0			X		X	X	X	247
205.0	k12	+ 0.46/- 0			X		X			259
210.0	k12	+ 0.46/- 0			X		X	X		272
220.0	k12	+ 0.46/- 0			X		X	X		298
230.0	k12	+ 0.46/- 0			X		X			326
240.0	k12	+ 0.46/- 0			X		X	X		355
250.0	k12	+ 0.46/- 0			X		X	X		385
260.0	k13	+ 0.81/- 0			X		X			417
270.0	k13	+ 0.81/- 0			X		X			449
280.0	k13	+ 0.81/- 0			X		X	X		483
285.0	k13	+ 0.81/- 0			X		X			501
300.0	k13	+ 0.81/- 0			X		X			555
320.0	k13	+ 0.89/- 0			X		X			631
325.0	k13	+ 0.89/- 0			X		X			651
350.0	k13	+ 0.89/- 0			X		X			755
400.0	k13	+/- 4.0			X		X			986
425.0		+/- 4.2					X			1114
450.0		+/- 4.5			X		X			1248
500.0		+/- 5.0			X		X			1541

O = pickled X = machined



ROUND BARS – TABLE 3

Size mm	Tolerance		EN 1.4460	EN 1.4418	Weight kg/m
	ISO	mm			
16.0	h12	+ 0/- 0.18	X		1.6
19.0	h12	+ 0/- 0.21	X		2.2
22.0	h12	+ 0/- 0.21	X		3.0
25.4	h12	+ 0/- 0.21	X	X	4.0
28.0	h12	+ 0/- 0.21		X	4.8
28.6	h12	+ 0/- 0.21	X		5.0
31.0	h12	+ 0/- 0.25	X	X	5.9
33.0	h12	+ 0/- 0.25	X		6.7
36.0	h12	+ 0/- 0.25	X		8.0
39.0	h12	+ 0/- 0.25	X		9.4
41.0	h12	+ 0/- 0.25	X	X	10.4
46.0	h12	+ 0/- 0.25	X	X	13.1
51.2	h12	+ 0/- 0.30	X	X	16.2
56.2	h12	+ 0/- 0.30	X	X	19.5
61.2	h12	+ 0/- 0.30	X	X	23.1
66.2	h12	+ 0/- 0.30	X	X	27.0
71.4	h12	+ 0/- 0.30	X	X	31.4
76.4	h12	+ 0/- 0.30	X	X	36.0
81.4	h12	+ 0/- 0.35	X	X	40.9
86.4	h12	+ 0/- 0.35	X	X	46.0
91.4	h12	+ 0/- 0.35	X	X	51.5
96.4	h12	+ 0/- 0.35	X	X	57.3
102.0	h12	+ 0/- 0.35	X	X	64.1
107.0	h12	+ 0/- 0.35	X	X	70.6
112.0	h12	+ 0/- 0.35	X	X	77.3
117.0	h12	+ 0/- 0.35	X	X	84.4
122.0	h12	+ 0/- 0.40	X	X	91.8
127.0	h12	+ 0/- 0.40	X	X	99.4
132.0	h12	+ 0/- 0.40	X	X	107
143.0	h12	+ 0/- 0.40	X	X	126
146.0	h12	+ 0/- 0.40		X	131
153.0	h12	+ 0/- 0.40	X	X	144
163.0	h12	+ 0/- 0.40	X		164
165.0	h12	+ 0/- 0.40		X	168
173.0	h12	+ 0/- 0.40	X	X	185
184.0	h12	+ 0/- 0.46	X	X	209
190.0	h12	+ 0/- 0.46		X	223
204.0	h12	+ 0/- 0.46	X		257
206.0	h12	+ 0/- 0.46		X	262
212.0	h12	+ 0/- 0.46	X		277
216.0	h12	+ 0/- 0.46		X	288
224.0	h12	+ 0/- 0.46	X		309
226.0	h12	+ 0/- 0.46		X	315
244.0	h12	+ 0/- 0.46	X		367
246.0	h12	+ 0/- 0.46		X	373
256.0	h13	+ 0/- 0.81		X	404
280.0	h13	+ 0/- 0.81	X		483
286.0	h13	+ 0/- 0.81		X	504
306.0	h13	+ 0/- 0.81		X	577
310.0	h13	+ 0/- 0.81	X		592
335.0	h13	+ 0/- 0.89		X	692
360.0	h13	+ 0/- 0.89		X	799
410.0	h13	+ 0/- 0.97		X	1036
460.0	h13	+ 0/- 0.97		X	1305

X = machined

ROUND BARS – TABLE 4

Size mm	Tolerance		EN 1.4539 904L	EN 1.4835 253 MA	EN 1.4547 254 SMO	Weight kg/m
	ISO	mm				
6.0		+ 0.25/- 0.15		O		0.22
8.0		+ 0.25/- 0.15		O		0.39
10.0		+ 0.25/- 0.15	O	O	O	0.62
12.0		+ 0.25/- 0.15		O	O	0.89
16.0	k12	+ 0.18/- 0		X	X	1.6
20.0	k12	+ 0.21/- 0	X	X	X	2.5
25.0	k12	+ 0.21/- 0	X	X	X	3.9
30.0	k12	+ 0.21/- 0	X			5.6
32.0	k12	+ 0.25/- 0			X	6.3
35.0	k12	+ 0.25/- 0	X	X	X	7.6
40.0	k12	+ 0.25/- 0	X	X	X	9.9
50.0	k12	+ 0.25/- 0	X	X	X	15.4
60.0	k12	+ 0.30/- 0	X		X	22.2
65.0	k12	+ 0.30/- 0	X		X	26.1
70.0	k12	+ 0.30/- 0		X		30.2
75.0	k12	+ 0.30/- 0			X	34.7
80.0	k12	+ 0.30/- 0	X	X	X	39.5
90.0	k12	+ 0.35/- 0	X	X	X	49.9
100.0	k12	+ 0.35/- 0	X	X	X	61.7
110.0	k12	+ 0.35/- 0		X		74.6
115.0	k12	+ 0.35/- 0			X	81.5
120.0	k12	+ 0.35/- 0			X	88.8
125.0	k12	+ 0.40/- 0	X			96.3
130.0	k12	+ 0.40/- 0		X	X	104
140.0	k12	+ 0.40/- 0			X	121
150.0	k12	+ 0.40/- 0	X	X		139
160.0	k12	+ 0.40/- 0			X	158
180.0	k12	+ 0.40/- 0			X	200
200.0	k12	+ 0.46/- 0		X		247
210.0	k12	+ 0.46/- 0			X	272
250.0	k12	+ 0.46/- 0			X	385
320.0	EN10060	+/- 6.0			X	631

O = pickled X = machined Y = drawn

Alloy 625 – For more information: www.valbrunanordic.se

