

Bells parameters

The table shows bells of medium profile cast in Jan Felczyński Professional Bell-Foundry and contains as follows: **weight, tone, frequency and lower diameter.**

* values in the tables refer to standard pitch of a1=440 Hz

Main features	
number	weight [kg]
BELL03	20
BELL04	25
BELL05	30
BELL06	35
BELL07	40
BELL08	50
BELL09	60
BELL10	70
BELL11	80
BELL12	90
BELL13	100
BELL14	130
BELL15	150
BELL16	190
BELL17	220
BELL18	260
BELL19	290
BELL20	350
BELL21	420
BELL22	500
BELL23	580
BELL24	700
BELL25	800
BELL26	970
BELL27	1200
BELL28	1450
BELL29	1650
BELL30	1950
BELL31	2400
BELL32	2800
BELL33	3360
BELL34	4000
BELL35	4640
BELL36	5600
BELL37	6400
BELL38	7760
BELL39	9600
BELL40	11500

Frequency	Diameter	
Hz	cm	inches
1318,51	31	12,20
1244,51	33	12,99
1174,66	35	13,78
1108,73	37	14,57
1046,50	39	15,35
987,77	41	16,14
932,33	44	17,32
880,00	46	18,11
830,61	48	18,90
783,99	51	20,08
739,99	54	21,26
698,46	58	22,83
659,26	61	24,02
622,25	66	25,98
587,33	70	27,56
554,37	73	28,74
523,25	78	30,71
493,88	83	32,68
466,16	87	34,25
440,00	91	35,83
415,30	96	37,80
392,00	103	40,55
369,99	108	42,52
349,23	118	46,46
329,63	124	48,82
311,13	131	51,57
293,66	140	55,12
277,18	146	57,48
261,63	157	61,81
246,94	165	64,96
233,08	173	68,11
220,00	184	72,44
207,65	194	76,38
196,00	205	80,71
185,00	218	85,83
174,61	235	92,52
164,81	247	97,24
155,56	265	104,33

Tone		
European	Italian	English
e/3	mi/5	e
dis-es/3	re#-mib/5	d#
d/3	re/5	d
cis-des/3	do#-reb/5	c#
c/3	do/5	c
h/2	si/4	b
ais-b/2	la#-sib/4	a#
a/2	la/4	a
gis-as/2	sol#-lab/4	g#
g/2	sol/4	g
fis-ges/2	fa#-solb/4	f#
f/2	fa/4	f
e/2	mi/4	e
dis-es/2	re#-mib/4	d#
d/2	re/4	d
cis-des/2	do#-reb/4	c#
c/2	do/4	c
h/1	si/3	b
ais-b/1	la#-sib/3	a#
a/1	la/3	a
gis-as/1	sol#-lab/3	g#
g/1	sol/3	g
fis-ges/1	fa#-solb/3	f#
f/1	fa/3	f
e/1	mi/3	e
dis-es/1	re#-mib/3	d#
d/1	re/3	d
cis-des/1	do#-reb/3	c#
c/1	do/3	c
h/o	si/2	b
ais-b/o	la#-sib/2	a#
a/o	la/2	a
gis-as/o	sol#-lab/2	g#
g/o	sol/2	g
fis-ges/o	fa#-solb/2	f#
f/o	fa/2	f
e/o	mi/2	e
dis-es/o	re#-mib/2	d#