

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-104a

### Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego  
Element : Ściany fasadowe w poziomie P1  
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A  
Rys Nr : K-104a  
Data : 03.07.2008

### WYKAZ STALI ZBROJENIOWEJ Klasa stali: BST 500 S

Poz.	szt.	d	długość	całk.dł	masa(kg)
1	12	14	12.00	144.00	174.240
2	24	14	4.80	115.20	139.392
3	10	8	4.30	43.00	16.985
4	8	14	5.10	40.80	49.368
5	318	12	4.00	1272.00	1129.536
6	304	10	1.80	547.20	337.622
7	14	14	2.60	36.40	44.044
8	4	14	7.70	30.80	37.268
9	13	10	0.76	9.88	6.096
10	78	12	2.25	175.50	155.844
11	24	10	4.50	108.00	66.636
12	58	10	7.40	429.20	264.816
13	8	12	3.90	31.20	27.706
14	124	10	5.55	688.20	424.619
15	191	12	2.10	401.10	356.177
16	66	10	4.60	303.60	187.321
17	37	12	3.55	131.35	116.639
18	26	10	1.75	45.50	28.073
19	6	14	3.40	20.40	24.684
20	52	14	3.78	196.56	237.838
21	7	10	2.05	14.35	8.854
22	301	10	1.25	376.25	232.146
23	8	14	6.50	52.00	62.920
24	26	10	3.85	100.10	61.762
25	60	10	4.85	291.00	179.547
26	24	10	1.95	46.80	28.876
27	228	12	4.70	1071.60	951.581
28	97	12	3.75	363.75	323.010
29	58	10	1.40	81.20	50.100
30	30	12	4.60	138.00	122.544
31	219	8	2.10	459.90	181.661
32	8	10	1.12	8.96	5.528
33	5	14	4.60	23.00	27.830
34	6	14	5.55	33.30	40.293
35	56	10	6.35	355.60	219.405
36	39	10	1.36	53.04	32.726
37	16	10	2.80	44.80	27.642
38	26	10	0.70	18.20	11.229
39	26	10	2.50	65.00	40.105
40	40	10	1.85	74.00	45.658
41	8	10	4.20	33.60	20.731
42	9	10	1.52	13.68	8.441
43	10	10	8.85	88.50	54.604
44	16	10	2.35	37.60	23.199
45	4	14	9.80	39.20	47.432
46	18	10	3.35	60.30	37.205
47	18	10	3.90	70.20	43.313
48	28	10	4.05	113.40	69.968
49	26	10	1.70	44.20	27.271
50	24	10	6.95	166.80	102.916
51	3	14	4.80	14.40	17.424
52	6	14	4.50	27.00	32.670
53	4	14	4.00	16.00	19.360
54	9	14	3.10	27.90	33.759
55	5	14	5.30	26.50	32.065
56	10	12	4.00	40.00	35.520
57	34	12	2.45	83.30	73.970
58	22	12	1.75	38.50	34.188
59	5	14	2.25	11.25	13.613
60	3	14	3.70	11.10	13.431
61	5	14	2.00	10.00	12.100
62	5	14	6.40	32.00	38.720

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**WYKAZ STALI ZBROJENIOWEJ Klasa stali: BST 500 S**

Poz.	szt.	d	Długość	całk.dł	masa(kg)
63	18	16	10.50	189.00	298.620
64	6	16	7.00	42.00	66.360
65	3	16	6.00	18.00	28.440
66	4	12	12.00	48.00	42.624
67	4	12	8.00	32.00	28.416
68	44	8	12.00	528.00	208.560
69	40	8	5.90	236.00	93.220
70	99	8	3.60	356.40	140.778
71	80	8	2.10	168.00	66.360
72	502	6	0.24	120.48	26.747
73	48	8	1.30	62.40	24.648
74	28	10	6.50	182.00	112.294
75	60	12	2.80	168.00	149.184
76	51	10	3.70	188.70	116.428
77	4	14	11.50	46.00	55.660

**Całk. ilość stali**

d(mm)	całk.dł	kg/m	masa(kg)
6	120.48	0.222	26.747
8	1853.70	0.395	732.212
10	4659.86	0.617	2875.134
12	3994.30	0.888	3546.938
14	953.81	1.210	1154.110
16	249.00	1.580	393.420

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masa całk. (kg) 8728.561  
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**ELEMENTY DO WBUDOWANIA**

Poz.	ilość	jednostka	opis	materiał	Bestellnummer
1	8	mb	HBT 150 - 12/15 TYP 5		

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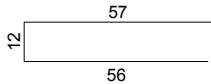
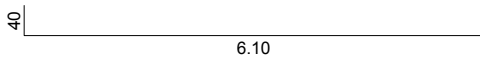
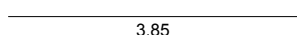
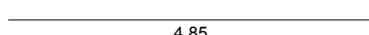
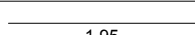
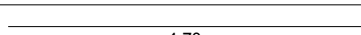
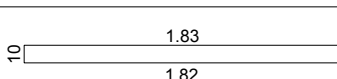
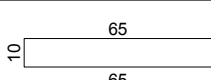
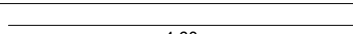
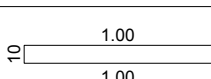
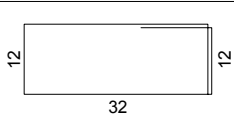
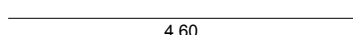
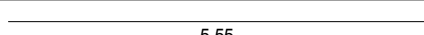
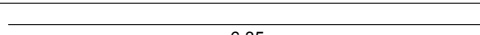
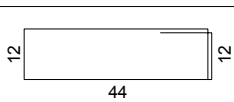
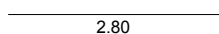
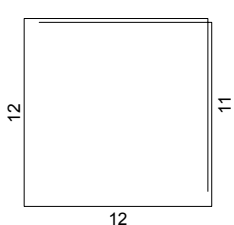
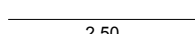
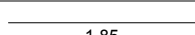
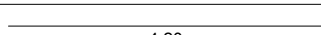
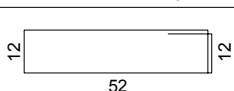
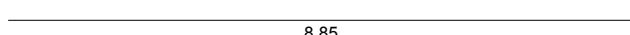
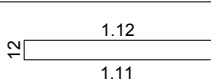
#### WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 S

Poz.	Szt.	d	długość	db ds	Typ	forma gięcia	suma dł.	ciężar kg
1	12	14	12.00		A1		144.00	174.240
2	24	14	4.80		A1		115.20	139.392
3	10	8	4.30		A1		43.00	16.985
4	8	14	5.10		A2		40.80	49.368
5	318	12	4.00		A1		1272.00	1129.536
6	304	10	1.80		A3		547.20	337.622
7	14	14	2.60		A1		36.40	44.044
8	4	14	7.70		A3		30.80	37.268
9	13	10	0.76		B2		9.88	6.096
10	78	12	2.25		A3		175.50	155.844
11	24	10	4.50		A1		108.00	66.636
12	58	10	7.40		A1		429.20	264.816
13	8	12	3.90		A1		31.20	27.706
14	124	10	5.55		A1		688.20	424.619
15	191	12	2.10		A3		401.10	356.177
16	66	10	4.60		A1		303.60	187.321
17	37	12	3.55		A3		131.35	116.639
18	26	10	1.75		A3		45.50	28.073
19	6	14	3.40		A2		20.40	24.684
20	52	14	3.78		A1		196.56	237.838
21	7	10	2.05		A3		14.35	8.854

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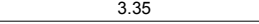
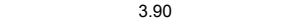
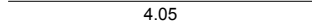
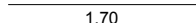
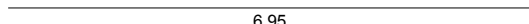
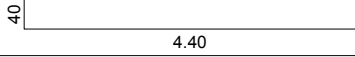
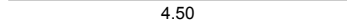
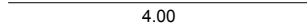
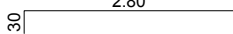
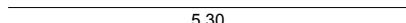
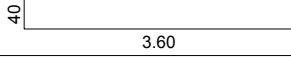
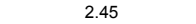
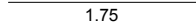
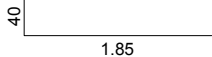
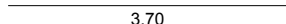
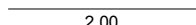
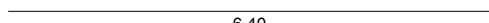
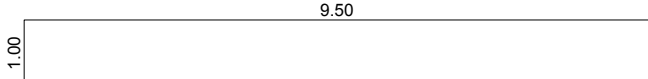
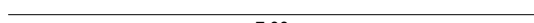

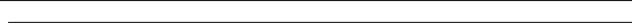



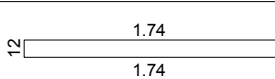
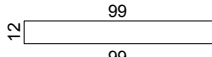
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 S

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22	301	10	1.25		A3		376.25	232.146
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24	26	10	3.85		A1		100.10	61.762
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26	24	10	1.95		A1		46.80	28.876
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29	58	10	1.40		A3		81.20	50.100
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34	6	14	5.55		A1		33.30	40.293
35	56	10	6.35		A1		355.60	219.405
36	39	10	1.36		B2		53.04	32.726
37	16	10	2.80		A1		44.80	27.642
38	26	10	0.70		B2		18.20	11.229
39	26	10	2.50		A1		65.00	40.105
40	40	10	1.85		A1		74.00	45.658
41	8	10	4.20		A1		33.60	20.731
42	9	10	1.52		B2		13.68	8.441
43	10	10	8.85		A1		88.50	54.604
44	16	10	2.35		A3		37.60	23.199

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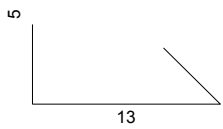
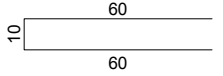
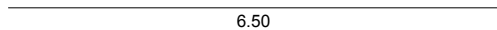
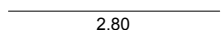
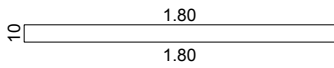

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47	18	10	3.90		A1		70.20	43.313
48	28	10	4.05		A1		113.40	69.968
49	26	10	1.70		A1		44.20	27.271
50	24	10	6.95		A1		166.80	102.916
51	3	14	4.80		A2		14.40	17.424
52	6	14	4.50		A1		27.00	32.670
53	4	14	4.00		A1		16.00	19.360
54	9	14	3.10		A2		27.90	33.759
55	5	14	5.30		A1		26.50	32.065
56	10	12	4.00		A2		40.00	35.520
57	34	12	2.45		A1		83.30	73.970
58	22	12	1.75		A1		38.50	34.188
59	5	14	2.25		A2		11.25	13.613
60	3	14	3.70		A1		11.10	13.431
61	5	14	2.00		A1		10.00	12.100
62	5	14	6.40		A1		32.00	38.720
63	18	16	10.50		A2		189.00	298.620
64	6	16	7.00		A1		42.00	66.360
65	3	16	6.00		A1		18.00	28.440
66	4	12	12.00		A1		48.00	42.624
67	4	12	8.00		A1		32.00	28.416
68	44	8	12.00		A1		528.00	208.560
69	40	8	5.90		A1		236.00	93.220
70	99	8	3.60		A3		356.40	140.778
71	80	8	2.10		A3		168.00	66.360

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

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WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 S

Poz.	Szt.	d	długość	db ds	Typ	forma gięcia	suma dł.	ciężar kg
72	502	6	0.24		D1		120.48	26.747
73	48	8	1.30		A3		62.40	24.648
74	28	10	6.50		A1		182.00	112.294
75	60	12	2.80		A1		168.00	149.184
76	51	10	3.70		A3		188.70	116.428
77	4	14	11.50		A2		46.00	55.660

masa całkow. (kg) 8728.560