

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-108

Dane projektowe

Obiekt : Wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany poziomie P1, osie T/Y-S1/S2
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Plan Nr. : K-108
Data : 02.2008

W Y K A Z	P R Ę T Ó W	Z B R O J E N I O W Y C H	Stal zbr.: BST 500 SA
poz. [szt]	d	długość	dł.sum. masa[kg]
1 335 6	0.27	90.45	20.080
2 302 12	4.20	1268.40	1126.339
3 100 10	12.38	1238.00	763.846 średnio
4 8 14	11.40	91.20	110.352
5 8 14	1.80	14.40	17.424
6 8 14	4.20	33.60	40.656
7 32 10	9.09	290.88	179.473 średnio
8 20 12	2.67	53.40	47.419 średnio
9 65 10	1.94	126.10	77.804
10 180 12	3.65	657.00	583.416
11 90 12	2.20	198.00	175.824
12 100 10	6.65	665.00	410.305
13 4 10	3.70	14.80	9.132
14 4 10	3.30	13.20	8.144
15 4 14	9.00	36.00	43.560
16 155 10	1.70	263.50	162.579
17 4 14	4.00	16.00	19.360
18 70 10	1.45	101.50	62.625
19 80 12	2.25	180.00	159.840
20 12 12	1.12	13.44	11.935 średnio
21 8 14	8.50	68.00	82.280
22 44 12	2.15	94.60	84.005
23 4 12	11.70	46.80	41.558
24 4 12	1.60	6.40	5.683

Zestawienie sumaryczne wg średnic

d[mm]	dł.sum.	[kg/m]	masa[kg]
6	90.45	0.222	20.080
10	2712.98	0.617	1673.909
12	2518.04	0.888	2236.020
14	259.20	1.210	313.632
masa całkowita [kg]			4243.641

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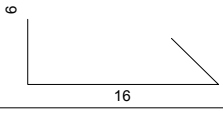
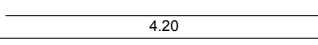
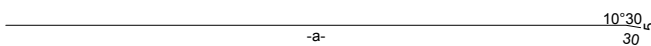
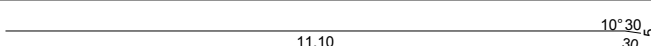
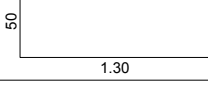
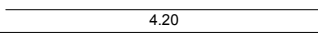
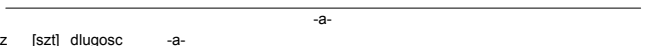
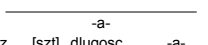
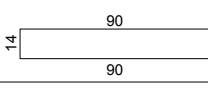
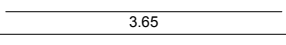
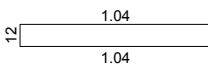
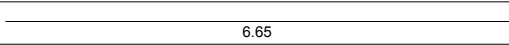
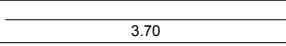
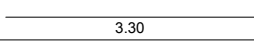
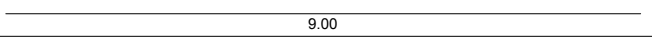
Element : Ściany poziomie P1, osie T/Y-S1/S2

Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A

Plan Nr. : K-108

Data : 02.2008

FORMY GIĘCIA PRĘTÓW Stal zbr.: BST 500 SA

poz	ilosc [szt]	d	dlugosc	dbr ds	typ	forma gięcia	dlugosc sumaryczna	masa [kg]
1	335	6	0.27		D1		90.45	20.080
2	302	12	4.20		A1		1268.40	1126.339
3	100	10	12.38		C1	 -a- poz [szt] dlugosc -a- 1 4 12.73 12.43 2 4 12.70 12.40 3 4 12.67 12.37 4 4 12.65 12.35 5 4 12.62 12.32 6 4 12.59 12.29 7 4 12.56 12.26 8 4 12.53 12.23 9 4 12.50 12.20 10 4 12.47 12.17 11 4 12.44 12.14 12 4 12.41 12.11 13 4 12.38 12.08 14 4 12.35 12.05 15 4 12.32 12.02 16 4 12.30 11.99 17 4 12.27 11.97 18 4 12.24 11.94 19 4 12.21 11.91 20 4 12.18 11.88 21 4 12.15 11.85 22 4 12.12 11.82 23 4 12.09 11.79 24 4 12.06 11.76 25 4 12.03 11.73	1238.00	763.846
4	8	14	11.40		C1	 11.10	91.20	110.352
5	8	14	1.80		A2		14.40	17.424
6	8	14	4.20		A1		33.60	40.656
7	32	10	9.09		A1	 -a- poz [szt] dlugosc -a- 1 4 9.25 9.25 2 4 9.21 9.21 3 4 9.16 9.16 4 4 9.11 9.11 5 4 9.07 9.07 6 4 9.02 9.02 7 4 8.97 8.97 8 4 8.93 8.93	290.88	179.473
8	20	12	2.67		A1	 -a- poz [szt] dlugosc -a- 1 4 1.22 1.22 2 4 1.95 1.95 3 4 2.67 2.67 4 4 3.39 3.39 5 4 4.11 4.11	53.40	47.419
9	65	10	1.94		A3		126.10	77.804
10	180	12	3.65		A1		657.00	583.416
11	90	12	2.20		A3		198.00	175.824
12	100	10	6.65		A1		665.00	410.305
13	4	10	3.70		A1		14.80	9.132
14	4	10	3.30		A1		13.20	8.144
15	4	14	9.00		A1		36.00	43.560

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FORMY GIĘCIA PRĘTÓW Stal zbr.: BST 500 SA

poz	ilosc [szt]	d	dlugosc	dbr ds	typ	forma gięcia	dlugosc sumaryczna	masa [kg]																				
16	155	10	1.70		X1	<div><div><div>-1-</div><div>90°</div><div>-3-</div></div><table><tr><th>Nr.</th><th>werty</th><th>dy</th><th>l</th><th>>[°]</th></tr><tr><td>1</td><td>-0.80</td><td>0.00</td><td>0.80</td><td>72</td></tr><tr><td>2</td><td>-0.04</td><td>-0.11</td><td>0.11</td><td>108</td></tr><tr><td>3</td><td>0.80</td><td>0.00</td><td>0.79</td><td></td></tr></table></div>	Nr.	werty	dy	l	>[°]	1	-0.80	0.00	0.80	72	2	-0.04	-0.11	0.11	108	3	0.80	0.00	0.79		263.50	162.579
Nr.	werty	dy	l	>[°]																								
1	-0.80	0.00	0.80	72																								
2	-0.04	-0.11	0.11	108																								
3	0.80	0.00	0.79																									
17	4	14	4.00		A1	<div><div><div>4.00</div></div></div>	16.00	19.360																				
18	70	10	1.45		A3	<div><div><div>65</div><div>14</div><div>66</div></div></div>	101.50	62.625																				
19	80	12	2.25		X1	<div><div><div>-1-</div><div>90°</div><div>-3-</div></div><table><tr><th>Nr.</th><th>werty</th><th>dy</th><th>l</th><th>>[°]</th></tr><tr><td>1</td><td>1.08</td><td>-0.00</td><td>1.07</td><td>-101</td></tr><tr><td>2</td><td>-0.02</td><td>-0.12</td><td>0.11</td><td>-79</td></tr><tr><td>3</td><td>-1.07</td><td>0.00</td><td>1.07</td><td></td></tr></table></div>	Nr.	werty	dy	l	>[°]	1	1.08	-0.00	1.07	-101	2	-0.02	-0.12	0.11	-79	3	-1.07	0.00	1.07		180.00	159.840
Nr.	werty	dy	l	>[°]																								
1	1.08	-0.00	1.07	-101																								
2	-0.02	-0.12	0.11	-79																								
3	-1.07	0.00	1.07																									
20	12	12	1.12		A1	<div><div><div>-a-</div><table><tr><th>poz</th><th>[szt]</th><th>dlugosc</th><th>-a-</th></tr><tr><td>1</td><td>4</td><td>1.40</td><td>1.40</td></tr><tr><td>2</td><td>4</td><td>1.13</td><td>1.13</td></tr><tr><td>3</td><td>4</td><td>0.84</td><td>0.84</td></tr></table></div></div>	poz	[szt]	dlugosc	-a-	1	4	1.40	1.40	2	4	1.13	1.13	3	4	0.84	0.84	13.44	11.935				
poz	[szt]	dlugosc	-a-																									
1	4	1.40	1.40																									
2	4	1.13	1.13																									
3	4	0.84	0.84																									
21	8	14	8.50		A1	<div><div><div>8.50</div></div></div>	68.00	82.280																				
22	44	12	2.15		X1	<div><div><div>-3-</div><div>90°</div><div>-1-</div></div><table><tr><th>Nr.</th><th>werty</th><th>dy</th><th>l</th><th>>[°]</th></tr><tr><td>1</td><td>-1.02</td><td>0.00</td><td>1.01</td><td>-101</td></tr><tr><td>2</td><td>0.02</td><td>0.12</td><td>0.11</td><td>-79</td></tr><tr><td>3</td><td>1.03</td><td>-0.00</td><td>1.03</td><td></td></tr></table></div>	Nr.	werty	dy	l	>[°]	1	-1.02	0.00	1.01	-101	2	0.02	0.12	0.11	-79	3	1.03	-0.00	1.03		94.60	84.005
Nr.	werty	dy	l	>[°]																								
1	-1.02	0.00	1.01	-101																								
2	0.02	0.12	0.11	-79																								
3	1.03	-0.00	1.03																									
23	4	12	11.70		C1	<div><div><div>10°30'</div><div>30°</div></div><div><div>11.40</div></div></div>	46.80	41.558																				
24	4	12	1.60		A2	<div><div><div>30°</div><div>1.30</div></div></div>	6.40	5.683																				

masa całkowita [kg] 4243.640