

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-308

Dane projektu

Tytuł : Wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany w poziomie P0, osie A-E/4-6
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-308
Data : 18.03.2008

WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	szt.	d	Długość	całk.dł	masa(kg)
1	32	12	1.40	44.80	39.782
2	18	12	1.60	28.80	25.574
3	14	10	1.60	22.40	13.821
4	165	6	0.27	44.55	9.890
5	104	10	6.60	686.40	423.509
6	147	10	1.60	235.20	145.118
7	4	12	2.00	8.00	7.104
8	8	16	8.30	66.40	104.912
9	14	12	1.80	25.20	22.378
10	4	14	4.00	16.00	19.360
11	32	10	2.70	86.40	53.309
12	20	10	3.80	76.00	46.892
13	24	8	1.07	25.68	10.144
14	3	14	2.60	7.80	9.438
15	4	16	6.00	24.00	37.920
16	12	10	1.35	16.20	9.995
17	20	10	2.20	44.00	27.148
18	3	10	1.30	3.90	2.406
19	26	10	1.60	41.60	25.667
20	12	6	0.25	3.00	0.666
21	4	14	2.10	8.40	10.164
22	4	14	2.20	8.80	10.648
23	24	14	5.10	122.40	148.104
24	288	12	4.80	1382.40	1227.571
25	8	14	3.00	24.00	29.040
26	8	14	1.80	14.40	17.424
27	36	10	1.70	61.20	37.760
28	3	14	2.60	7.80	9.438
29	16	10	1.78	28.48	17.572
30	84	10	1.25	105.00	64.785
31	4	14	3.50	14.00	16.940
32	4	14	5.20	20.80	25.168
33	35	10	1.40	49.00	30.233
34	13	10	1.30	16.90	10.427
35	4	14	5.70	22.80	27.588
36	22	10	1.90	41.80	25.791
37	14	10	1.86	26.04	16.067
38	4	10	1.50	6.00	3.702
39	12	10	2.10	25.20	15.548
40	17	10	1.39	23.63	14.580
41	7	10	1.50	10.50	6.478
42	7	10	1.38	9.66	5.960
43	26	10	1.36	35.36	21.817
44	12	10	1.30	15.60	9.625
45	2	12	1.70	3.40	3.019
46	2	12	2.50	5.00	4.440
47	6	12	2.00	12.00	10.656
48	20	12	2.60	52.00	46.176
49	52	10	1.80	93.60	57.751

Całk. ilość stali

d(mm)	całk.dł	kg/m	masa(kg)
6	47.55	0.222	10.556
8	25.68	0.395	10.144
10	1760.07	0.617	1085.963
12	1561.60	0.888	1386.701
14	267.20	1.210	323.312
16	90.40	1.580	142.832

masa całk. (kg) 2959.508

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ELEMENTY DO WBUDOWANIA

Poz.	ilość	jednostka	opis	materiał	Bestellnummer
1	3	mb	HBT150-Ř12/15, Typ5	BSt500S	

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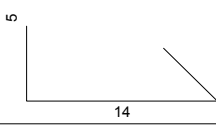
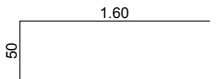
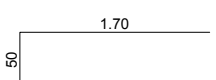
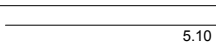
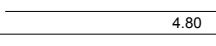
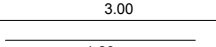
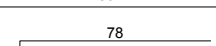
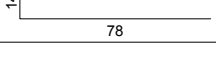
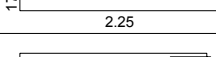
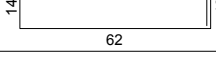
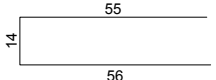
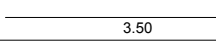
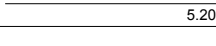
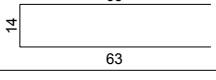
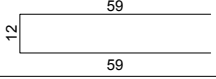
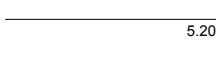
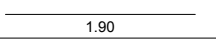
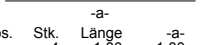
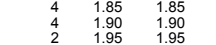
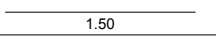
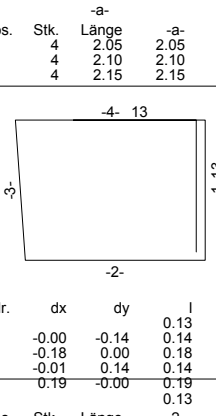
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	Szt.	d	długość	dbz ds	Typ	forma gięcia	suma dł.	ciężar kg																									
1	32	12	1.40		A3		44.80	39.782																									
2	18	12	1.60		A1		28.80	25.574																									
3	14	10	1.60		A1		22.40	13.821																									
4	165	6	0.27		D1		44.55	9.890																									
5	104	10	6.60		A1		686.40	423.509																									
6	147	10	1.60		X1	 <table><tr><td>Nr.</td><td>dx</td><td>dy</td><td>l</td><td>>°</td></tr><tr><td>1</td><td>-0.73</td><td>-0.00</td><td>0.73</td><td>-85</td></tr><tr><td>2</td><td>-0.01</td><td>0.14</td><td>0.14</td><td>-95</td></tr><tr><td>3</td><td>0.74</td><td>0.00</td><td>0.74</td><td></td></tr></table>	Nr.	dx	dy	l	>°	1	-0.73	-0.00	0.73	-85	2	-0.01	0.14	0.14	-95	3	0.74	0.00	0.74		235.20	145.118					
Nr.	dx	dy	l	>°																													
1	-0.73	-0.00	0.73	-85																													
2	-0.01	0.14	0.14	-95																													
3	0.74	0.00	0.74																														
7	4	12	2.00		A1		8.00	7.104																									
8	8	16	8.30		A2		66.40	104.912																									
9	14	12	1.80		A1		25.20	22.378																									
10	4	14	4.00		A1		16.00	19.360																									
11	32	10	2.70		A1		86.40	53.309																									
12	20	10	3.80		A1		76.00	46.892																									
13	24	8	1.07		X1	 <table><tr><td>Nr.</td><td>dx</td><td>dy</td><td>l</td><td>>°</td></tr><tr><td>1</td><td>-0.00</td><td>-0.14</td><td>0.10</td><td>-90</td></tr><tr><td>2</td><td>-0.29</td><td>0.00</td><td>0.29</td><td>-85</td></tr><tr><td>3</td><td>-0.01</td><td>0.14</td><td>0.14</td><td>-95</td></tr><tr><td>4</td><td>0.31</td><td>-0.00</td><td>0.31</td><td>-90</td></tr></table>	Nr.	dx	dy	l	>°	1	-0.00	-0.14	0.10	-90	2	-0.29	0.00	0.29	-85	3	-0.01	0.14	0.14	-95	4	0.31	-0.00	0.31	-90	25.68	10.144
Nr.	dx	dy	l	>°																													
1	-0.00	-0.14	0.10	-90																													
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3	-0.01	0.14	0.14	-95																													
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Nr.	dx	dy	l	>°																													
1	-0.74	-0.00	0.74	-85																													
2	-0.01	0.12	0.12	-95																													
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Poz.	Szt.	d	długość	db ds	Typ	forma gięcia	suma dl.	ciężar kg
20	12	6	0.25		D1		3.00	0.666
21	4	14	2.10		A2		8.40	10.164
22	4	14	2.20		A2		8.80	10.648
23	24	14	5.10		A1		122.40	148.104
24	288	12	4.80		A1		1382.40	1227.571
25	8	14	3.00		A1		24.00	29.040
26	8	14	1.80		A1		14.40	17.424
27	36	10	1.70		A3		61.20	37.760
28	3	14	2.60		A3		7.80	9.438
29	16	10	1.78		B2		28.48	17.572
30	84	10	1.25		A3		105.00	64.785
31	4	14	3.50		A1		14.00	16.940
32	4	14	5.20		A1		20.80	25.168
33	35	10	1.40		A3		49.00	30.233
34	13	10	1.30		A3		16.90	10.427
35	4	14	5.70		C1		22.80	27.588
36	22	10	1.90		A1		41.80	25.791
37	14	10	1.86		A1		26.04	16.067
38	4	10	1.50		A1		6.00	3.702
39	12	10	2.10		A1		25.20	15.548
40	17	10	1.39		X1		23.63	14.580

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

Poz.	Szt.	d	długość	dbr ds	Typ	forma gięcia	suma dl.	ciężar kg																																																																																										
40						<table><tr><td>Pos.</td><td>Stk.</td><td>Länge</td><td>-2-</td><td>-4-</td></tr><tr><td>1</td><td>1</td><td>0.91</td><td>0.18</td><td>0.19</td></tr><tr><td>2</td><td>1</td><td>0.97</td><td>0.21</td><td>0.22</td></tr><tr><td>3</td><td>1</td><td>1.03</td><td>0.24</td><td>0.25</td></tr><tr><td>4</td><td>1</td><td>1.09</td><td>0.27</td><td>0.28</td></tr><tr><td>5</td><td>1</td><td>1.15</td><td>0.30</td><td>0.31</td></tr><tr><td>6</td><td>1</td><td>1.21</td><td>0.33</td><td>0.34</td></tr><tr><td>7</td><td>1</td><td>1.27</td><td>0.36</td><td>0.37</td></tr><tr><td>8</td><td>1</td><td>1.33</td><td>0.39</td><td>0.40</td></tr><tr><td>9</td><td>1</td><td>1.39</td><td>0.42</td><td>0.43</td></tr><tr><td>10</td><td>1</td><td>1.45</td><td>0.45</td><td>0.46</td></tr><tr><td>11</td><td>1</td><td>1.51</td><td>0.48</td><td>0.49</td></tr><tr><td>12</td><td>1</td><td>1.57</td><td>0.51</td><td>0.52</td></tr><tr><td>13</td><td>1</td><td>1.63</td><td>0.54</td><td>0.55</td></tr><tr><td>14</td><td>1</td><td>1.69</td><td>0.57</td><td>0.58</td></tr><tr><td>15</td><td>1</td><td>1.75</td><td>0.60</td><td>0.61</td></tr><tr><td>16</td><td>1</td><td>1.81</td><td>0.63</td><td>0.64</td></tr><tr><td>17</td><td>1</td><td>1.87</td><td>0.66</td><td>0.67</td></tr></table>	Pos.	Stk.	Länge	-2-	-4-	1	1	0.91	0.18	0.19	2	1	0.97	0.21	0.22	3	1	1.03	0.24	0.25	4	1	1.09	0.27	0.28	5	1	1.15	0.30	0.31	6	1	1.21	0.33	0.34	7	1	1.27	0.36	0.37	8	1	1.33	0.39	0.40	9	1	1.39	0.42	0.43	10	1	1.45	0.45	0.46	11	1	1.51	0.48	0.49	12	1	1.57	0.51	0.52	13	1	1.63	0.54	0.55	14	1	1.69	0.57	0.58	15	1	1.75	0.60	0.61	16	1	1.81	0.63	0.64	17	1	1.87	0.66	0.67		
Pos.	Stk.	Länge	-2-	-4-																																																																																														
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42	7	10	1.38		A3	<div><div>14</div><div><div>-a-</div><div>-c-</div></div></div> <table><tr><td>Pos.</td><td>Stk.</td><td>Länge</td><td>-a-</td><td>-c-</td></tr><tr><td>1</td><td>1</td><td>1.20</td><td>0.53</td><td>0.53</td></tr><tr><td>2</td><td>1</td><td>1.26</td><td>0.56</td><td>0.56</td></tr><tr><td>3</td><td>1</td><td>1.32</td><td>0.59</td><td>0.59</td></tr><tr><td>4</td><td>1</td><td>1.38</td><td>0.62</td><td>0.62</td></tr><tr><td>5</td><td>1</td><td>1.44</td><td>0.65</td><td>0.65</td></tr><tr><td>6</td><td>1</td><td>1.50</td><td>0.68</td><td>0.68</td></tr><tr><td>7</td><td>1</td><td>1.56</td><td>0.71</td><td>0.71</td></tr></table>	Pos.	Stk.	Länge	-a-	-c-	1	1	1.20	0.53	0.53	2	1	1.26	0.56	0.56	3	1	1.32	0.59	0.59	4	1	1.38	0.62	0.62	5	1	1.44	0.65	0.65	6	1	1.50	0.68	0.68	7	1	1.56	0.71	0.71	9.66	5.960																																																		
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5	1	1.44	0.65	0.65																																																																																														
6	1	1.50	0.68	0.68																																																																																														
7	1	1.56	0.71	0.71																																																																																														
43	26	10	1.36		A1	<div><div>-a-</div><table><tr><td>Pos.</td><td>Stk.</td><td>Länge</td><td>-a-</td></tr><tr><td>1</td><td>4</td><td>1.50</td><td>1.50</td></tr><tr><td>2</td><td>4</td><td>1.45</td><td>1.45</td></tr><tr><td>3</td><td>4</td><td>1.40</td><td>1.40</td></tr><tr><td>4</td><td>4</td><td>1.35</td><td>1.35</td></tr><tr><td>5</td><td>4</td><td>1.30</td><td>1.30</td></tr><tr><td>6</td><td>4</td><td>1.25</td><td>1.25</td></tr><tr><td>7</td><td>2</td><td>1.20</td><td>1.20</td></tr></table></div>	Pos.	Stk.	Länge	-a-	1	4	1.50	1.50	2	4	1.45	1.45	3	4	1.40	1.40	4	4	1.35	1.35	5	4	1.30	1.30	6	4	1.25	1.25	7	2	1.20	1.20	35.36	21.817																																																										
Pos.	Stk.	Länge	-a-																																																																																															
1	4	1.50	1.50																																																																																															
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4	4	1.35	1.35																																																																																															
5	4	1.30	1.30																																																																																															
6	4	1.25	1.25																																																																																															
7	2	1.20	1.20																																																																																															
44	12	10	1.30		A1	<div><div>1.30</div></div>	15.60	9.625																																																																																										
45	2	12	1.70		A1	<div><div>1.70</div></div>	3.40	3.019																																																																																										
46	2	12	2.50		A1	<div><div>2.50</div></div>	5.00	4.440																																																																																										
47	6	12	2.00		A1	<div><div>-a-</div><table><tr><td>Pos.</td><td>Stk.</td><td>Länge</td><td>-a-</td></tr><tr><td>1</td><td>2</td><td>1.25</td><td>1.25</td></tr><tr><td>2</td><td>2</td><td>2.00</td><td>2.00</td></tr><tr><td>3</td><td>2</td><td>2.75</td><td>2.75</td></tr></table></div>	Pos.	Stk.	Länge	-a-	1	2	1.25	1.25	2	2	2.00	2.00	3	2	2.75	2.75	12.00	10.656																																																																										
Pos.	Stk.	Länge	-a-																																																																																															
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3	2	2.75	2.75																																																																																															
48	20	12	2.60		A1	<div><div>-a-</div><table><tr><td>Pos.</td><td>Stk.</td><td>Länge</td><td>-a-</td></tr><tr><td>1</td><td>4</td><td>4.10</td><td>4.10</td></tr><tr><td>2</td><td>4</td><td>3.35</td><td>3.35</td></tr><tr><td>3</td><td>4</td><td>2.60</td><td>2.60</td></tr><tr><td>4</td><td>4</td><td>1.85</td><td>1.85</td></tr><tr><td>5</td><td>4</td><td>1.10</td><td>1.10</td></tr></table></div>	Pos.	Stk.	Länge	-a-	1	4	4.10	4.10	2	4	3.35	3.35	3	4	2.60	2.60	4	4	1.85	1.85	5	4	1.10	1.10	52.00	46.176																																																																		
Pos.	Stk.	Länge	-a-																																																																																															
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3	4	2.60	2.60																																																																																															
4	4	1.85	1.85																																																																																															
5	4	1.10	1.10																																																																																															
49	52	10	1.80		A1	<div><div>1.80</div></div>	93.60	57.751																																																																																										

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