

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-309

Dane projektu

Tytuł : Wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany poz. P3 w osiach M-I/3-7
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys nr : K-309
Data : 28.03.2008

WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	Nr	d	Długość	całk.dł	masa(kg)
1	262	6	0.27	70.74	15.704
2	17	10	1.72	29.24	18.041
3	2	12	2.40	4.80	4.262
4	5	14	2.25	11.25	13.613
5	3	14	2.30	6.90	8.349
6	446	12	4.70	2096.20	1861.426
7	16	10	1.76	28.16	17.375
8	46	14	4.80	220.80	267.168
9	19	10	1.90	36.10	22.274
10	14	10	1.35	18.90	11.661
11	20	10	2.35	47.00	28.999
12	179	10	1.50	268.50	165.664
13	17	10	1.60	27.20	16.782
14	8	14	4.00	32.00	38.720
15	52	10	2.00	104.00	64.168
16	4	14	3.40	13.60	16.456
17	28	12	2.30	64.40	57.187
18	3	14	2.60	7.80	9.438
19	20	10	3.15	63.00	38.871
20	16	10	2.36	37.76	23.298
21	44	10	3.00	132.00	81.444
22	4	14	4.60	18.40	22.264
23	18	10	5.00	90.00	55.530
24	52	10	2.10	109.20	67.376
25	26	10	1.48	38.48	23.742
26	6	14	1.70	10.20	12.342
27	34	10	4.10	139.40	86.010
28	2	12	2.50	5.00	4.440
29	179	10	1.55	277.45	171.187
30	8	14	5.20	41.60	50.336
31	4	14	2.80	11.20	13.552
32	8	14	3.20	25.60	30.976
33	16	10	0.86	13.76	8.490
34	32	10	1.90	60.80	37.514
35	34	10	3.30	112.20	69.227
36	4	14	8.40	33.60	40.656
37	8	14	3.50	28.00	33.880
38	54	10	4.70	253.80	156.595
39	2	14	3.55	7.10	8.591
40	4	14	8.10	32.40	39.204
41	52	10	6.85	356.20	219.775
42	34	10	6.30	214.20	132.161
43	4	14	4.50	18.00	21.780
44	20	10	3.70	74.00	45.658
45	14	10	2.55	35.70	22.027

Całk. ilość stali d(mm)	całk.dł	kg/m	masa(kg)
6	70.74	0.222	15.704
10	2567.05	0.617	1583.870
12	2170.40	0.888	1927.315
14	518.45	1.210	627.325

masa całk. (kg) 4154.214

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ELEMENTY DO WBUDOWANIA

pręt nr:	ilość	jednostka	opis	materiał	Bestellnummer
1	6	mb	HBT 150 - 12/15 TYP 5 A IIIN		

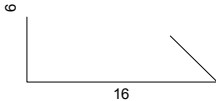
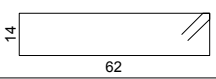
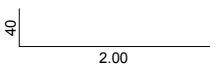

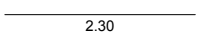

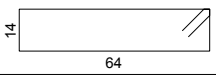
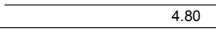
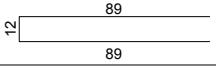
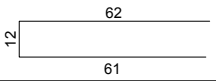
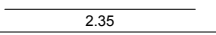
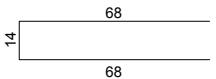
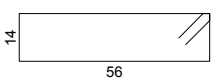
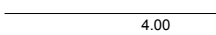
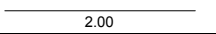
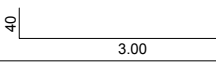
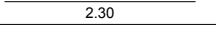
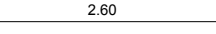
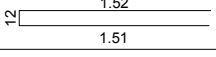
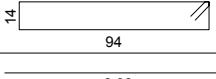
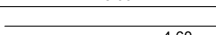
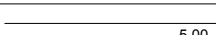
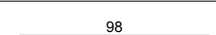
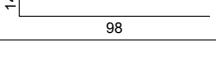
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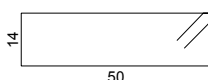

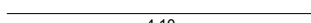
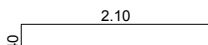
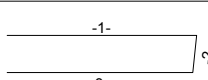
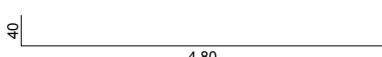

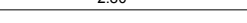
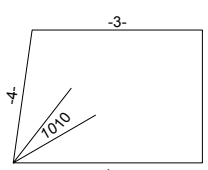
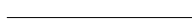


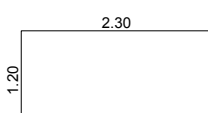

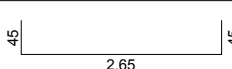
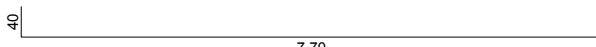




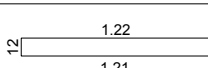
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Tytuł : wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany poz. P3 w osiach M-I/3-7
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys nr : K-309
Data : 28.03.2008

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

Poz.	szt.	d	długość	db ds	typ	forma gięcia	suma dł.	ciężar kg
1	262	6	0.27		D1		70.74	15.704
2	17	10	1.72		B1		29.24	18.041
3	2	12	2.40		A2		4.80	4.262
4	5	14	2.25		A2		11.25	13.613
5	3	14	2.30		A1		6.90	8.349
6	446	12	4.70		A1		2096.20	1861.426
7	16	10	1.76		B1		28.16	17.375
8	46	14	4.80		A1		220.80	267.168
9	19	10	1.90		A3		36.10	22.274
10	14	10	1.35		A3		18.90	11.661
11	20	10	2.35		A1		47.00	28.999
12	179	10	1.50		A3		268.50	165.664
13	17	10	1.60		B1		27.20	16.782
14	8	14	4.00		A1		32.00	38.720
15	52	10	2.00		A1		104.00	64.168
16	4	14	3.40		A2		13.60	16.456
17	28	12	2.30		A1		64.40	57.187
18	3	14	2.60		A1		7.80	9.438
19	20	10	3.15		A3		63.00	38.871
20	16	10	2.36		B1		37.76	23.298
21	44	10	3.00		A1		132.00	81.444
22	4	14	4.60		A1		18.40	22.264
23	18	10	5.00		A1		90.00	55.530
24	52	10	2.10		A3		109.20	67.376

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

Poz.	szt.	d	długość	dbz ds	typ	forma gięcia	suma dł.	ciężar kg																														
25	26	10	1.48		B1	 dług. haków=10.0	38.48	23.742																														
26	6	14	1.70		A2		10.20	12.342																														
27	34	10	4.10		A1		139.40	86.010																														
28	2	12	2.50		A2		5.00	4.440																														
29	179	10	1.55		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>0.71</td><td>0.00</td><td>0.71</td><td>-95</td></tr><tr><td>2</td><td>-0.01</td><td>-0.14</td><td>0.14</td><td>-85</td></tr><tr><td>3</td><td>-0.70</td><td>0.00</td><td>0.70</td><td></td></tr></table>	Nr	dx	dy	l	>°	1	0.71	0.00	0.71	-95	2	-0.01	-0.14	0.14	-85	3	-0.70	0.00	0.70		277.45	171.187										
Nr	dx	dy	l	>°																																		
1	0.71	0.00	0.71	-95																																		
2	-0.01	-0.14	0.14	-85																																		
3	-0.70	0.00	0.70																																			
30	8	14	5.20		A2		41.60	50.336																														
31	4	14	2.80		A1		11.20	13.552																														
32	8	14	3.20		A1		25.60	30.976																														
33	16	10	0.86		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>0.20</td><td>-0.00</td><td>0.20</td><td>150</td></tr><tr><td>2</td><td>0.00</td><td>0.14</td><td>0.14</td><td>90</td></tr><tr><td>3</td><td>-0.18</td><td>0.00</td><td>0.18</td><td>82</td></tr><tr><td>4</td><td>-0.02</td><td>-0.14</td><td>0.14</td><td>150</td></tr><tr><td></td><td></td><td></td><td>0.10</td><td></td></tr></table>	Nr	dx	dy	l	>°	1	0.20	-0.00	0.20	150	2	0.00	0.14	0.14	90	3	-0.18	0.00	0.18	82	4	-0.02	-0.14	0.14	150				0.10		13.76	8.490
Nr	dx	dy	l	>°																																		
1	0.20	-0.00	0.20	150																																		
2	0.00	0.14	0.14	90																																		
3	-0.18	0.00	0.18	82																																		
4	-0.02	-0.14	0.14	150																																		
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