

| WYKAZ STALI | | | | | | | | |
|-------------|-------|---------------------|--------------|--------------|-----------------------|----------------------|--------------|----------------|
| | Ilość | Element | Dłg. [mm] | Ciężar jedn. | Ciężar 1 szt. [kg] | Ciężar całk. [kg] | Materiał | Uwagi |
| | | N-2.1 | szt. | 1 | | | | |
| | 2 | HEA200 | 3600 | 42,30 | 152,28 | 304,56 | S235JR | |
| | 7 | B1 8 x 100 | 450 | 6,28 | 2,83 | 19,78 | S235JR | |
| | | | | | | | | |
| | 8 | Pręt gwintowany M12 | 240 | 0,89 | 0,21 | 1,70 | | kl.5.8 |
| | 16 | Nakrętka M12 kl.8 | | | | | | |
| | 16 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 326,05 | | |
| | | Dodatek na spoiny: | 2,0% | | | 6,52 | | |
| | | | | | RAZEM | 332,57 | x 1 = | = 332,6 |
| | | N-2.2 | szt. | 1 | | | | |
| | 1 | HEA160 | 1450 | 30,40 | 44,08 | 44,08 | S235JR | |
| | | | | | Σ: | 44,08 | | |
| | | Dodatek na spoiny: | 2,0% | | | 0,88 | | |
| | | | | | RAZEM | 44,96 | x 1 = | = 45,0 |
| | | N-2.3 | szt. | 1 | | | | |
| | 2 | HEA160 | 2050 | 30,40 | 62,32 | 124,64 | S235JR | |
| | 3 | B1 8 x 100 | 430 | 6,28 | 2,70 | 8,10 | S235JR | |
| | | | | | | | | |
| | 4 | Pręt gwintowany M12 | 400 | 0,89 | 0,36 | 1,42 | | kl.5.8 |
| | 8 | Nakrętka M12 kl.8 | | | | | | |
| | 8 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 134,16 | | |
| | | Dodatek na spoiny: | 2,0% | | | 2,68 | | |
| | | | | | RAZEM | 136,85 | x 1 = | = 136,8 |
| | | N-2.4 | szt. | 2 | | | | |
| | 2 | L60x60x6 | 1300 | 30,40 | 39,52 | 79,04 | S235JR | |
| | | | | | Σ: | 79,04 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,58 | | |
| | | | | | RAZEM | 80,62 | x 2 = | = 161,2 |
| | | N-2.5 | szt. | 1 | | | | |
| | 2 | L60x60x6 | 1200 | 30,40 | 36,48 | 72,96 | S235JR | |
| | | | | | Σ: | 72,96 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,46 | | |
| | | | | | RAZEM | 74,42 | x 1 = | = 74,4 |
| | | N-2.6 | szt. | 1 | | | | |
| | 2 | L60x60x6 | 1300 | 30,40 | 39,52 | 79,04 | S235JR | |
| | | | | | Σ: | 79,04 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,58 | | |
| | | | | | RAZEM | 80,62 | x 1 = | = 80,6 |
| | | N-2.7 | szt. | 1 | | | | |
| | 2 | L60x60x6 | 1300 | 30,40 | 39,52 | 79,04 | S235JR | |
| | | | | | Σ: | 79,04 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,58 | | |
| | | | | | RAZEM | 80,62 | x 1 = | = 80,6 |

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| | Ilość | Element | Dług. [mm] | Ciężar jedn. | Ciężar 1 szt. [kg] | Ciężar całk. [kg] | Materiał | Uwagi |
|--|-------|--|---------------|--------------|-----------------------|----------------------|--------------|----------------|
| | | N-2.8 | szt. | 1 | | | | |
| | 2 | L60x60x6 | 1500 | 30,40 | 45,60 | 91,20 | S235JR | |
| | | | | | Σ: | 91,20 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,82 | | |
| | | | | | RAZEM | 93,02 | x 1 = | = 93,0 |
| | | N-2.9 | szt. | 4 | | | | |
| | 1 | Nadproże prefabrykowane długość 1400mm | | | | | | |
| | | N-2.10 | szt. | 1 | | | | |
| | 1 | Nadproże prefabrykowane długość 1400mm | | | | | | |
| | | N-2.11 | szt. | 1 | | | | |
| | 1 | Nadproże prefabrykowane długość 2000mm | | | | | | |
| | | N-2.12 | szt. | 1 | | | | |
| | 4 | C120 | 2400 | 13,40 | 32,16 | 128,64 | S235JR | |
| | 5 | B1 8 x 100 | 560 | 6,28 | 3,52 | 17,58 | S235JR | |
| | 6 | Pręt gwintowany M12 | 350 | 0,89 | 0,31 | 1,86 | | kl.5.8 |
| | 12 | Nakrętka M12 kl.8 | | | | | | |
| | 12 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 148,09 | | |
| | | Dodatek na spoiny: | 2,0% | | | 2,96 | | |
| | | | | | RAZEM | 151,05 | x 1 = | = 151,1 |
| | | N-2.13 | szt. | 1 | | | | |
| | 1 | Nadproże prefabrykowane długość 1100mm | | | | | | |
| | | N-2.14 | szt. | 1 | | | | |
| | 1 | HEA120 | 1100 | 19,90 | 21,89 | 21,89 | S235JR | |
| | | | | | Σ: | 21,89 | | |
| | | Dodatek na spoiny: | 2,0% | | | 0,44 | | |
| | | | | | RAZEM | 22,33 | x 1 = | = 22,3 |
| | | N-2.15 | szt. | 1 | | | | |
| | 2 | C160 | 1900 | 18,80 | 35,72 | 71,44 | S235JR | |
| | 5 | Śruba M12 | 45 | 0,89 | 0,04 | 0,20 | | kl.5.8 |
| | 10 | Nakrętka M12 kl.8 | | | | | | |
| | 10 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 71,64 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,43 | | |
| | | | | | RAZEM | 73,07 | x 1 = | = 73,1 |

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| | Ilość | Element | Dług. [mm] | Ciężar jedn. szt. | Ciężar 1 szt. [kg] | Ciężar całk. [kg] | Materiał | Uwagi |
|--|-------|--------------------|---------------|----------------------|-----------------------|----------------------|--------------|----------------|
| | | N-1.1 | | 1 | | | | |
| | 2 | C160 | 3350 | 18,80 | 62,98 | 125,96 | S235JR | |
| | 7 | Śruba M12 | 45 | 0,89 | 0,04 | 0,28 | | kl.5.8 |
| | 14 | Nakrętka M12 kl.8 | | | | | | |
| | 14 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 126,24 | | |
| | | Dodatek na spoiny: | 2,0% | | | 2,52 | | |
| | | | | | RAZEM | 128,76 | x 1 = | = 128,8 |

| | | | | | | | | |
|--|----|---------------------|-------------|----------|--------------|---------------|--------------|----------------|
| | | N-1.2 | szt. | 1 | | | | |
| | 2 | HEA160 | 2250 | 30,40 | 68,40 | 136,80 | S235JR | |
| | 4 | Bl 8 x 100 | 450 | 6,28 | 2,83 | 11,30 | S235JR | |
| | 5 | Pręt gwintowany M12 | 400 | 0,89 | 0,36 | 1,78 | | kl.5.8 |
| | 10 | Nakrętka M12 kl.8 | | | | | | |
| | 10 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 149,88 | | |
| | | Dodatek na spoiny: | 2,0% | | | 3,00 | | |
| | | | | | RAZEM | 152,88 | x 1 = | = 152,9 |

| | | | | | | | | |
|--|----|---------------------|-------------|----------|--------------|---------------|--------------|----------------|
| | | N-1.3 | szt. | 1 | | | | |
| | 2 | HEB260 | 4200 | 93,00 | 390,60 | 781,20 | S235JR | |
| | 9 | Pręt gwintowany M12 | 300 | 0,89 | 0,27 | 2,40 | | kl.5.8 |
| | 18 | Nakrętka M12 kl.8 | | | | | | |
| | 18 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 783,60 | | |
| | | Dodatek na spoiny: | 2,0% | | | 15,67 | | |
| | | | | | RAZEM | 799,27 | x 1 = | = 799,3 |

| | | | | | | | | |
|--|----|---------------------|-------------|----------|--------------|---------------|--------------|----------------|
| | | N-1.4 | szt. | 1 | | | | |
| | 2 | HEB260 | 3950 | 93,00 | 367,35 | 734,70 | S235JR | |
| | 9 | Pręt gwintowany M12 | 300 | 0,89 | 0,27 | 2,40 | | kl.5.8 |
| | 18 | Nakrętka M12 kl.8 | | | | | | |
| | 18 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 737,10 | | |
| | | Dodatek na spoiny: | 2,0% | | | 14,74 | | |
| | | | | | RAZEM | 751,84 | x 1 = | = 751,8 |

| | | | | | | | | |
|--|---|---------------------|-------------|----------|--------------|---------------|--------------|----------------|
| | | N-1.5 | szt. | 2 | | | | |
| | 2 | HEA160 | 1700 | 30,40 | 51,68 | 103,36 | S235JR | |
| | 3 | Bl 8 x 100 | 390 | 6,28 | 2,45 | 7,35 | S235JR | |
| | 3 | Pręt gwintowany M12 | 350 | 0,89 | 0,31 | 0,93 | | kl.5.8 |
| | 6 | Nakrętka M12 kl.8 | | | | | | |
| | 6 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 111,64 | | |
| | | Dodatek na spoiny: | 2,0% | | | 2,23 | | |
| | | | | | RAZEM | 113,87 | x 2 = | = 227,7 |

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| | Ilość | Element | Dług. [mm] | Ciężar jedn. | Ciężar 1 szt. [kg] | Ciężar całk. [kg] | Materiał | Uwagi |
|--|-------|---------------------|---------------|--------------|-----------------------|----------------------|--------------|----------------|
| | | N-1.6 | szt. | 1 | | | | |
| | 2 | HEA160 | 1950 | 30,40 | 59,28 | 118,56 | S235JR | |
| | 3 | B1 8 x 100 | 300 | 6,28 | 1,88 | 5,65 | S235JR | |
| | | | | | | | | |
| | 4 | Pręt gwintowany M12 | 250 | 0,89 | 0,22 | 0,89 | | kl.5.8 |
| | 8 | Nakrętka M12 kl.8 | | | | | | |
| | 8 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 125,10 | | |
| | | Dodatek na spoiny: | 2,0% | | | 2,50 | | |
| | | | | | RAZEM | 127,60 | x 1 = | = 127,6 |

| | | | | | | | | |
|--|---|---------------------|-------------|----------|--------------|---------------|--------------|----------------|
| | | N-1.7 | szt. | 2 | | | | |
| | 2 | HEA160 | 2750 | 30,40 | 83,60 | 167,20 | S235JR | |
| | | | | | | | | |
| | 3 | Pręt gwintowany M12 | 200 | 0,89 | 0,18 | 0,53 | | kl.5.8 |
| | 6 | Nakrętka M12 kl.8 | | | | | | |
| | 6 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 167,73 | | |
| | | Dodatek na spoiny: | 2,0% | | | 3,35 | | |
| | | | | | RAZEM | 171,09 | x 2 = | = 342,2 |

| | | | | | | | | |
|--|----|---------------------|-------------|----------|--------------|---------------|--------------|----------------|
| | | N-1.8 | szt. | 1 | | | | |
| | 2 | HEB200 | 3000 | 61,30 | 183,90 | 367,80 | S235JR | |
| | | | | | | | | |
| | 6 | Pręt gwintowany M12 | 240 | 0,89 | 0,21 | 1,28 | | kl.5.8 |
| | 12 | Nakrętka M12 kl.8 | | | | | | |
| | 12 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 369,08 | | |
| | | Dodatek na spoiny: | 2,0% | | | 7,38 | | |
| | | | | | RAZEM | 376,46 | x 1 = | = 376,5 |

| | | | | | | | | |
|--|----|---------------------|-------------|----------|--------------|---------------|--------------|----------------|
| | | N-1.9 | szt. | 1 | | | | |
| | 2 | HEB200 | 2550 | 61,30 | 156,32 | 312,63 | S235JR | |
| | | | | | | | | |
| | 5 | Pręt gwintowany M12 | 240 | 0,89 | 0,21 | 1,07 | | kl.5.8 |
| | 10 | Nakrętka M12 kl.8 | | | | | | |
| | 10 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 313,70 | | |
| | | Dodatek na spoiny: | 2,0% | | | 6,27 | | |
| | | | | | RAZEM | 319,97 | x 1 = | = 320,0 |

| | | | | | | | | |
|--|---|--------------------|-------------|----------|--------------|--------------|--------------|---------------|
| | | N-1.10 | szt. | 1 | | | | |
| | 2 | C100 | 1550 | 10,60 | 16,43 | 32,86 | S235JR | |
| | | | | | | | | |
| | 4 | Śruba M12 | 45 | 0,89 | 0,04 | 0,16 | | kl.5.8 |
| | 8 | Nakrętka M12 kl.8 | | | | | | |
| | 8 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 33,02 | | |
| | | Dodatek na spoiny: | 2,0% | | | 0,66 | | |
| | | | | | RAZEM | 33,68 | x 1 = | = 33,7 |

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| | Ilość | Element | Dług. [mm] | Ciężar jedn. | Ciężar 1 szt. [kg] | Ciężar całk. [kg] | Materiał | Uwagi |
|--|-------|--|---------------|--------------|-----------------------|----------------------|--------------|----------------|
| | | N-1.11 | szt. | 1 | | | | |
| | 1 | Nadproże prefabrykowane długość 1400mm | | | | | | |
| | | N-1.12 | szt. | 1 | | | | |
| | 1 | Nadproże prefabrykowane długość 2100mm | | | | | | |
| | | N-1.13 | szt. | 1 | | | | |
| | 1 | Nadproże prefabrykowane długość 1400mm | | | | | | |
| | | N-1.14 | szt. | 1 | | | | |
| | 1 | Nadproże prefabrykowane długość 2200mm | | | | | | |
| | | N-1.15 | szt. | 1 | | | | |
| | 1 | HEA120 | 1100 | 19,90 | 21,89 | 21,89 | S235JR | |
| | | | | | Σ: | 21,89 | | |
| | | Dodatek na spoiny: | 2,0% | | | 0,44 | | |
| | | | | | RAZEM | 22,33 | x 1 = | = 22,3 |
| | | N-1.16 | szt. | 4 | | | | |
| | 2 | C160 | 1900 | 18,80 | 35,72 | 71,44 | S235JR | |
| | 5 | Śruba M12 | 45 | 0,89 | 0,04 | 0,20 | | kl.5.8 |
| | 10 | Nakrętka M12 kl.8 | | | | | | |
| | 10 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 71,64 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,43 | | |
| | | | | | RAZEM | 73,07 | x 4 = | = 292,3 |
| | | N-1.17 | szt. | 4 | | | | |
| | 2 | C160 | 1500 | 18,80 | 28,20 | 56,40 | S235JR | |
| | 4 | Śruba M12 | 45 | 0,89 | 0,04 | 0,16 | | kl.5.8 |
| | 8 | Nakrętka M12 kl.8 | | | | | | |
| | 8 | Podkładka M12 | | | | | | |
| | | | | | Σ: | 56,56 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,13 | | |
| | | | | | RAZEM | 57,69 | x 4 = | = 230,8 |
| | | N-1.18 | szt. | 1 | | | | |
| | 2 | L120x120x10 | 1100 | 15,00 | 16,50 | 33,00 | S235JR | |
| | | | | | Σ: | 33,00 | | |
| | | Dodatek na spoiny: | 2,0% | | | 0,66 | | |
| | | | | | RAZEM | 33,66 | x 1 = | = 33,7 |
| | | N-1.19 | szt. | 3 | | | | |
| | 1 | Nadproże prefabrykowane długość 1300mm | | | | | | |

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| Poz. | Ilość | Element | Dług. [mm] | Ciężar jedn. | Ciężar 1 szt. [kg] | Ciężar całk. [kg] | Materiał | Uwagi |
|------|-------|------------------------|---------------|--------------|-----------------------|----------------------|--------------|---------------|
| | | Bs-1 | Szt. | 1 | | | | |
| 1 | 1 | Ce200 | 175 | 18,40 | 3,22 | 3,22 | S235JR | ocynk |
| 2 | 1 | Ce200 | 308 | 18,40 | 5,67 | 5,67 | S235JR | ocynk |
| 3 | 1 | Ce200 | 1000 | 18,40 | 18,40 | 18,40 | S235JR | ocynk |
| 4 | 1 | Ce200 | 140 | 18,40 | 2,58 | 2,58 | S235JR | ocynk |
| 5 | 2 | B1 10 x 76 | 200 | 5,97 | 1,19 | 2,39 | S235JR | ocynk |
| | | | | | Σ: | 32,25 | | |
| | | Dodatek na spoiny: | 2% | | | 0,6 | | |
| | | | | | RAZEM | 32,89 | x 1 = | = 32,9 |
| | 4 | kotew wklejana M12/110 | | | | | | komplet |
| | | Bs-1L | Szt. | 1 | | | | |
| 1 | 1 | Ce200 | 175 | 18,40 | 3,22 | 3,22 | S235JR | ocynk |
| 2 | 1 | Ce200 | 308 | 18,40 | 5,67 | 5,67 | S235JR | ocynk |
| 3 | 1 | Ce200 | 1000 | 18,40 | 18,40 | 18,40 | S235JR | ocynk |
| 4 | 1 | Ce200 | 140 | 18,40 | 2,58 | 2,58 | S235JR | ocynk |
| 5 | 2 | B1 10 x 76 | 200 | 5,97 | 1,19 | 2,39 | S235JR | ocynk |
| | | | | | Σ: | 32,25 | | |
| | | Dodatek na spoiny: | 2% | | | 0,6 | | |
| | | | | | RAZEM | 32,89 | x 1 = | = 32,9 |
| | 4 | kotew wklejana M12/110 | | | | | | komplet |
| | | Bs-2 | Szt. | 2 | | | | |
| 6 | 1 | Ce200 | 1580 | 18,40 | 29,07 | 29,07 | S235JR | ocynk |
| 7 | 2 | B1 10 x 76 | 200 | 5,97 | 1,19 | 2,39 | S235JR | ocynk |
| | | | | | Σ: | 31,46 | | |
| | | Dodatek na spoiny: | 2% | | | 0,6 | | |
| | | | | | RAZEM | 32,09 | x 2 = | = 64,2 |
| | 8 | Śruba M12x50 | | | | | | kl.8.8 |
| | 8 | Nakrętka M12 | | | | | | kl.8 |
| | 16 | Podkładka M12 | | | | | | |
| | | Bs-3 | Szt. | 1 | | | | |
| 8 | 2 | L75x50x6 | 1584 | 5,65 | 8,95 | 17,90 | S235JR | ocynk |
| 9 | 2 | L75x50x6 | 108 | 5,65 | 0,61 | 1,22 | S235JR | ocynk |
| 10 | 2 | B1 8 x 75 | 220 | 4,71 | 1,04 | 2,07 | S235JR | ocynk |
| | | | | | Σ: | 21,19 | | |
| | | Dodatek na spoiny: | 2% | | | 0,4 | | |
| | | | | | RAZEM | 21,62 | x 1 = | = 21,6 |
| | 4 | Śruba M12x50 | | | | | | kl.8.8 |
| | 4 | Nakrętka M12 | | | | | | kl.8 |
| | 8 | Podkładka M12 | | | | | | |
| | | Bs-4 | Szt. | 1 | | | | |
| 8 | 1 | HEA140 | 2300 | 24,70 | 56,81 | 56,81 | S235JR | ocynk |
| | | | | | Σ: | 56,81 | | |
| | | Dodatek na spoiny: | 2% | | | 1,1 | | |
| | | | | | RAZEM | 57,95 | x 1 = | = 57,9 |

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| Poz. | Ilość | Element | Dług. [mm] | Ciężar jedn. | Ciężar 1 szt. [kg] | Ciężar całk. [kg] | Materiał | Uwagi |
|------|-------|--|---------------|--------------|-----------------------|----------------------|--------------|----------------|
| | | ZM-1 | szt | 4 | | | | |
| 1 | 2 | UPE160 | 840 | 18,60 | 15,62 | 31,25 | S235JR | |
| 2 | 2 | UPE160 | 327 | 18,60 | 6,08 | 12,16 | S235JR | |
| 3 | 2 | C80 | 840 | 8,64 | 7,26 | 14,52 | S235JR | |
| | | | | | Σ: | 57,93 | | |
| | | Dodatek na spoiny: | 2,0% | | | 1,16 | | |
| | | | | | RAZEM | 59,09 | x 4 = | = 236,3 |
| | | 16 szpilka M16 x 350 kl.8.8 | | | | | | |
| | | 32 Nakrętka M16 kl.8 | | | | | | |
| | | 32 Podkładek M16 | | | | | | |
| | | 16 Podkładka klinowa do ceowników zwykłych M16 | | | | | | |

| | | | | | | | | |
|---|---|--------------------|------------|----------|--------------|----------------|--------------|-----------------|
| | | WZ-1 | szt | 1 | | | | |
| 1 | 4 | Lr160x15 | 4120 | 36,20 | 149,14 | 596,58 | S335JR | |
| 2 | 4 | B1 15 X 380 | 700 | 44,75 | 31,32 | 125,29 | S335JR | |
| 3 | 3 | B1 15 X 380 | 610 | 44,75 | 27,29 | 81,88 | S335JR | |
| 4 | 1 | B1 20 X 380 | 610 | 59,66 | 36,39 | 36,39 | S335JR | |
| 5 | 2 | IPN340 | 2520 | 68,00 | 171,36 | 342,72 | S335JR | |
| 6 | 8 | B1 12 X 150 | 610 | 14,13 | 8,62 | 68,95 | S335JR | |
| 7 | 8 | B1 12 X 150 | 700 | 14,13 | 9,89 | 79,13 | S335JR | |
| | | | | | Σ: | 1330,94 | | |
| | | Dodatek na spoiny: | 2,0% | | | 26,62 | | |
| | | | | | RAZEM | 1357,56 | x 1 = | = 1357,6 |