**LISTA DE MATERIAL:**

Unidades: kgf-cm

|  |  |  |  |
| --- | --- | --- | --- |
| **Perfil** | **Aço** | **L total** | **Peso(kgf)** |
| [ 200 x 65 x 2.25  [ 191 x 40 x 2  ][ 191 x 40 x 2 x 1  [ 200 x 65 x 3  [ 191 x 50 x 3  [ 187 x 40 x 2  ][ 187 x 40 x 2 x 1  [ 200 x 65 x 4.75  [ 200 x 65 x 3.75  [ 187 x 50 x 3  [ 150 x 65 x 3.75  ][ 137 x 40 x 2 x 1  [ 150 x 65 x 4.75  [ 150 x 65 x 3  [ 137 x 40 x 2  [ 137 x 50 x 3  [ 150 x 65 x 2.25  ][ 139 x 40 x 2 x 1  [ 139 x 40 x 2  [ 139 x 50 x 3  [ 150 x 50 x 2.25  ][ 141 x 40 x 2 x 1  [ 141 x 40 x 2  [ 150 x 50 x 3  [ 141 x 50 x 3  [ 150 x 50 x 2.65  [ 142 x 40 x 2  UENR 100 x 50 x 15 x 2  IENR 100x50x15x2.25x300  CART 100 x 300 x 15 x 2  CA 100 x 50 x 15 x 2  L 30 x 2  RED 12.7  L 50 x 2  RED 25.4 | ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36  ASTM A36 | 8833.19  8634.12  135.68  7447.61  323  28145.42  542.72  6361.33  4492.53  7683.07  4354.82  407.04  4765.81  6793.17  17708.88  3872.88  955.91  135.68  5022.34  952.96  8023  135.68  8689.89  1139.6  1278.01  952.89  7411.43  63000  5066  1671.21  989.3  47411.73  31041.89  40474.71  11302.75 | 500.81  356.51  11.2  557.74  21.22  1144.48  44.14  737.69  416.58  497.57  339.72  26.71  463.81  428.74  581.08  205.21  45.76  8.99  166.38  50.94  341.51  9.07  290.6  63.87  68.92  47.46  249.01  2116.67  379.39  134.86  66.48  416.84  308.68  610.03  449.58 |

Peso Total: 12158.29 kgf