

## Veropro 10

### Informations du produit



#### Informations générales

Le Veropro 10 est un câble très flexible à 10 torons, non antigiratoire avec des torons compactés et une âme métallique couverte d'une couche de plastique.

#### Caractéristiques

- Le veropro 10 dispose d'une charge de rupture très élevée.
- Il a une très bonne stabilité structurelle et offre d'excellents résultats de tenue à la fatigue.
- Il offre une excellente résistance à l'écrasement et à l'abrasion.
- Le veropro 10 possède un comportement parfait pour un enroulement multicouche.
- Il doit être utilisé sans émerillon.

**ISO 4309 Catégorie câble N° : tous les diamètres RCN.11.**

**Marquage:** Selon la norme

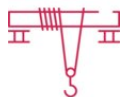
**Norme:** EN 12385-4

**Coefficient de remplissage:** 0.683

**RCN:** 11

**Tolérance Ø:** +2% à +4%

Pont roulant



Grue mobile portuaire



Grue Offshore



Portique vraquier déchargement minerais



Grue a chenille



Portique de déchargement de conteneurs



Grue à tour



| Réf.          | Dia. câble<br>mm | Classe de résistance (N/mm <sup>2</sup> ) | Section (mm <sup>2</sup> ) | Rupture min.<br>kN | Finition        | Sens de câblage | Poids<br>kg/100m |
|---------------|------------------|---|----------------------------|--------------------|-----------------|-----------------|------------------|
| 01.G13VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier galvanisé | sZ              | 1,773            |
| 01.B28VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier clair     | sS              | 1 773            |
| 01.B13VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier clair     | sZ              | 1 773            |
| 01.B23VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier clair     | zS              | 1 773            |
| 01.B18VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier clair     | zZ              | 1 773            |
| 01.G28VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier galvanisé | sS              | 1 773            |
| 01.G13VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier galvanisé | sZ              | 1 773            |
| 01.G23VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier galvanisé | zS              | 1 773            |
| 01.G18VP1620G | 62               | 1 960                                     | 2 062                      | 3 536              | Acier galvanisé | zZ              | 1 773            |
| 01.B28VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier clair     | sS              | 1 773            |
| 01.B13VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier clair     | sZ              | 1 773            |
| 01.B23VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier clair     | zS              | 1 773            |
| 01.B18VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier clair     | zZ              | 1 773            |
| 01.G28VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier galvanisé | sS              | 1 773            |
| 01.G23VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier galvanisé | zS              | 1 773            |
| 01.G18VP1620H | 62               | 2 160                                     | 2 062                      | 3 808              | Acier galvanisé | zZ              | 1 773            |
| 01.B28VP1300G | 30               | 1 960                                     | 483                        | 828                | Acier clair     | sS              | 415              |
| 01.B13VP1300G | 30               | 1 960                                     | 483                        | 828                | Acier clair     | sZ              | 415              |
| 01.B23VP1300G | 30               | 1 960                                     | 483                        | 828                | Acier clair     | zS              | 415              |
| 01.B18VP1300G | 30               | 1 960                                     | 483                        | 828                | Acier clair     | zZ              | 415              |
| 01.G28VP1300G | 30               | 1 960                                     | 483                        | 828                | Acier galvanisé | sS              | 415              |

|               |    |       |     |       |                 |    |     |
|---------------|----|-------|-----|-------|-----------------|----|-----|
| 01.G13VP1300G | 30 | 1 960 | 483 | 828   | Acier galvanisé | sZ | 415 |
| 01.G23VP1300G | 30 | 1 960 | 483 | 828   | Acier galvanisé | zS | 415 |
| 01.G18VP1300G | 30 | 1 960 | 483 | 828   | Acier galvanisé | zZ | 415 |
| 01.B28VP1300H | 30 | 2 160 | 483 | 892   | Acier clair     | sS | 415 |
| 01.B13VP1300H | 30 | 2 160 | 483 | 892   | Acier clair     | sZ | 415 |
| 01.B23VP1300H | 30 | 2 160 | 483 | 892   | Acier clair     | zS | 415 |
| 01.B18VP1300H | 30 | 2 160 | 483 | 892   | Acier clair     | zZ | 415 |
| 01.G28VP1300H | 30 | 2 160 | 483 | 892   | Acier galvanisé | sS | 415 |
| 01.G13VP1300H | 30 | 2 160 | 483 | 892   | Acier galvanisé | sZ | 415 |
| 01.G23VP1300H | 30 | 2 160 | 483 | 892   | Acier galvanisé | zS | 415 |
| 01.G18VP1300H | 30 | 2 160 | 483 | 892   | Acier galvanisé | zZ | 415 |
| 01.B28VP1320G | 32 | 1 960 | 549 | 942   | Acier clair     | sS | 472 |
| 01.B13VP1320G | 32 | 1 960 | 549 | 942   | Acier clair     | sZ | 472 |
| 01.B23VP1320G | 32 | 1 960 | 549 | 942   | Acier clair     | zS | 472 |
| 01.B18VP1320G | 32 | 1 960 | 549 | 942   | Acier clair     | zZ | 472 |
| 01.G28VP1320G | 32 | 1 960 | 549 | 942   | Acier galvanisé | sS | 472 |
| 01.G13VP1320G | 32 | 1 960 | 549 | 942   | Acier galvanisé | sZ | 472 |
| 01.G23VP1320G | 32 | 1 960 | 549 | 942   | Acier galvanisé | zS | 472 |
| 01.G18VP1320G | 32 | 1 960 | 549 | 942   | Acier galvanisé | zZ | 472 |
| 01.B28VP1320H | 32 | 2 160 | 549 | 1 014 | Acier clair     | sS | 472 |
| 01.B13VP1320H | 32 | 2 160 | 549 | 1 014 | Acier clair     | sZ | 472 |
| 01.B23VP1320H | 32 | 2 160 | 549 | 1 014 | Acier clair     | zS | 472 |
| 01.B18VP1320H | 32 | 2 160 | 549 | 1 014 | Acier clair     | zZ | 472 |

|               |    |       |     |       |                 |    |     |
|---------------|----|-------|-----|-------|-----------------|----|-----|
| 01.G28VP1320H | 32 | 2 160 | 549 | 1 014 | Acier galvanisé | sS | 472 |
| 01.G13VP1320H | 32 | 2 160 | 549 | 1 014 | Acier galvanisé | sZ | 472 |
| 01.G23VP1320H | 32 | 2 160 | 549 | 1 014 | Acier galvanisé | zS | 472 |
| 01.G18VP1320H | 32 | 2 160 | 549 | 1 014 | Acier galvanisé | zZ | 472 |
| 01.B28VP1340G | 34 | 1 960 | 620 | 1 063 | Acier clair     | sS | 533 |
| 01.B13VP1340G | 34 | 1 960 | 620 | 1 063 | Acier clair     | sZ | 533 |
| 01.B23VP1340G | 34 | 1 960 | 620 | 1 063 | Acier clair     | zS | 533 |
| 01.B18VP1340G | 34 | 1 960 | 620 | 1 063 | Acier clair     | zZ | 533 |
| 01.G28VP1340G | 34 | 1 960 | 620 | 1 063 | Acier galvanisé | sS | 533 |
| 01.G13VP1340G | 34 | 1 960 | 620 | 1 063 | Acier galvanisé | sZ | 533 |
| 01.G23VP1340G | 34 | 1 960 | 620 | 1 063 | Acier galvanisé | zS | 533 |
| 01.G18VP1340G | 34 | 1 960 | 620 | 1 063 | Acier galvanisé | zZ | 533 |
| 01.B28VP1340H | 34 | 2 160 | 620 | 1 145 | Acier clair     | sS | 533 |
| 01.B13VP1340H | 34 | 2 160 | 620 | 1 145 | Acier clair     | sZ | 533 |
| 01.B23VP1340H | 34 | 2 160 | 620 | 1 145 | Acier clair     | zS | 533 |
| 01.B18VP1340H | 34 | 2 160 | 620 | 1 145 | Acier clair     | zZ | 533 |
| 01.G28VP1340H | 34 | 2 160 | 620 | 1 145 | Acier galvanisé | sS | 533 |
| 01.G13VP1340H | 34 | 2 160 | 620 | 1 145 | Acier galvanisé | sZ | 533 |
| 01.G23VP1340H | 34 | 2 160 | 620 | 1 145 | Acier galvanisé | zS | 533 |
| 01.G18VP1340H | 34 | 2 160 | 620 | 1 145 | Acier galvanisé | zZ | 533 |
| 01.B28VP1360G | 36 | 1 960 | 695 | 1 192 | Acier clair     | sS | 598 |
| 01.B13VP1360G | 36 | 1 960 | 695 | 1 192 | Acier clair     | sZ | 598 |
| 01.B23VP1360G | 36 | 1 960 | 695 | 1 192 | Acier clair     | zS | 598 |

|               |    |       |     |       |                 |    |     |
|---------------|----|-------|-----|-------|-----------------|----|-----|
| 01.B18VP1360G | 36 | 1 960 | 695 | 1 192 | Acier clair     | zZ | 598 |
| 01.G28VP1360G | 36 | 1 960 | 695 | 1 192 | Acier galvanisé | sS | 598 |
| 01.G13VP1360G | 36 | 1 960 | 695 | 1 192 | Acier galvanisé | sZ | 598 |
| 01.G23VP1360G | 36 | 1 960 | 695 | 1 192 | Acier galvanisé | zS | 598 |
| 01.G18VP1360G | 36 | 1 960 | 695 | 1 192 | Acier galvanisé | zZ | 598 |
| 01.B28VP1360H | 36 | 2 160 | 695 | 1 284 | Acier clair     | sS | 598 |
| 01.B13VP1360H | 36 | 2 160 | 695 | 1 284 | Acier clair     | sZ | 598 |
| 01.B23VP1360H | 36 | 2 160 | 695 | 1 284 | Acier clair     | zS | 598 |
| 01.B18VP1360H | 36 | 2 160 | 695 | 1 284 | Acier clair     | zZ | 598 |
| 01.G28VP1360H | 36 | 2 160 | 695 | 1 284 | Acier galvanisé | sS | 598 |
| 01.G13VP1360H | 36 | 2 160 | 695 | 1 284 | Acier galvanisé | sZ | 598 |
| 01.G23VP1360H | 36 | 2 160 | 695 | 1 284 | Acier galvanisé | zS | 598 |
| 01.G18VP1360H | 36 | 2 160 | 695 | 1 284 | Acier galvanisé | zZ | 598 |
| 01.B28VP1380G | 38 | 1 960 | 775 | 1 328 | Acier clair     | sS | 666 |
| 01.B13VP1380G | 38 | 1 960 | 775 | 1 328 | Acier clair     | sZ | 666 |
| 01.B23VP1380G | 38 | 1 960 | 775 | 1 328 | Acier clair     | zS | 666 |
| 01.B18VP1380G | 38 | 1 960 | 775 | 1 328 | Acier clair     | zZ | 666 |
| 01.G28VP1380G | 38 | 1 960 | 775 | 1 328 | Acier galvanisé | sS | 666 |
| 01.G13VP1380G | 38 | 1 960 | 775 | 1 328 | Acier galvanisé | sZ | 666 |
| 01.G23VP1380G | 38 | 1 960 | 775 | 1 328 | Acier galvanisé | zS | 666 |
| 01.G18VP1380G | 38 | 1 960 | 775 | 1 328 | Acier galvanisé | zZ | 666 |
| 01.B28VP1380H | 38 | 2 160 | 775 | 1 431 | Acier clair     | sS | 666 |
| 01.B13VP1380H | 38 | 2 160 | 775 | 1 431 | Acier clair     | sZ | 666 |

|               |    |       |     |       |                 |    |     |
|---------------|----|-------|-----|-------|-----------------|----|-----|
| 01.B23VP1380H | 38 | 2 160 | 775 | 1 431 | Acier clair     | zS | 666 |
| 01.B18VP1380H | 38 | 2 160 | 775 | 1 431 | Acier clair     | zZ | 666 |
| 01.G28VP1380H | 38 | 2 160 | 775 | 1 431 | Acier galvanisé | sS | 666 |
| 01.G13VP1380H | 38 | 2 160 | 775 | 1 431 | Acier galvanisé | sZ | 666 |
| 01.G23VP1380H | 38 | 2 160 | 775 | 1 431 | Acier galvanisé | zS | 666 |
| 01.G18VP1380H | 38 | 2 160 | 775 | 1 431 | Acier galvanisé | zZ | 666 |
| 01.B28VP1400G | 40 | 1 960 | 858 | 1 472 | Acier clair     | sS | 738 |
| 01.B13VP1400G | 40 | 1 960 | 858 | 1 472 | Acier clair     | sZ | 738 |
| 01.B23VP1400G | 40 | 1 960 | 858 | 1 472 | Acier clair     | zS | 738 |
| 01.B18VP1400G | 40 | 1 960 | 858 | 1 472 | Acier clair     | zZ | 738 |
| 01.G28VP1400G | 40 | 1 960 | 858 | 1 472 | Acier galvanisé | sS | 738 |
| 01.G13VP1400G | 40 | 1 960 | 858 | 1 472 | Acier galvanisé | sZ | 738 |
| 01.G23VP1400G | 40 | 1 960 | 858 | 1 472 | Acier galvanisé | zS | 738 |
| 01.G18VP1400G | 40 | 1 960 | 858 | 1 472 | Acier galvanisé | zZ | 738 |
| 01.B28VP1400H | 40 | 2 160 | 858 | 1 585 | Acier clair     | sS | 738 |
| 01.B13VP1400H | 40 | 2 160 | 858 | 1 585 | Acier clair     | sZ | 738 |
| 01.B23VP1400H | 40 | 2 160 | 858 | 1 585 | Acier clair     | zS | 738 |
| 01.B18VP1400H | 40 | 2 160 | 858 | 1 585 | Acier clair     | zZ | 738 |
| 01.G28VP1400H | 40 | 2 160 | 858 | 1 585 | Acier galvanisé | sS | 738 |
| 01.G13VP1400H | 40 | 2 160 | 858 | 1 585 | Acier galvanisé | sZ | 738 |
| 01.G23VP1400H | 40 | 2 160 | 858 | 1 585 | Acier galvanisé | zS | 738 |
| 01.G18VP1400H | 40 | 2 160 | 858 | 1 585 | Acier galvanisé | zZ | 738 |
| 01.B28VP1420G | 42 | 1 960 | 946 | 1 623 | Acier clair     | sS | 814 |

|               |    |       |       |       |                 |    |     |
|---------------|----|-------|-------|-------|-----------------|----|-----|
| 01.B13VP1420G | 42 | 1 960 | 946   | 1 623 | Acier clair     | sZ | 814 |
| 01.B23VP1420G | 42 | 1 960 | 946   | 1 623 | Acier clair     | zS | 814 |
| 01.B18VP1420G | 42 | 1 960 | 946   | 1 623 | Acier clair     | zZ | 814 |
| 01.G28VP1420G | 42 | 1 960 | 946   | 1 623 | Acier galvanisé | sS | 814 |
| 01.G13VP1420G | 42 | 1 960 | 946   | 1 623 | Acier galvanisé | sZ | 814 |
| 01.G23VP1420G | 42 | 1 960 | 946   | 1 623 | Acier galvanisé | zS | 814 |
| 01.G18VP1420G | 42 | 1 960 | 946   | 1 623 | Acier galvanisé | zZ | 814 |
| 01.B28VP1420H | 42 | 2 160 | 946   | 1 748 | Acier clair     | sS | 814 |
| 01.B13VP1420H | 42 | 2 160 | 946   | 1 748 | Acier clair     | sZ | 814 |
| 01.B23VP1420H | 42 | 2 160 | 946   | 1 748 | Acier clair     | zS | 814 |
| 01.B18VP1420H | 42 | 2 160 | 946   | 1 748 | Acier clair     | zZ | 814 |
| 01.G28VP1420H | 42 | 2 160 | 946   | 1 748 | Acier galvanisé | sS | 814 |
| 01.G13VP1420H | 42 | 2 160 | 946   | 1 748 | Acier galvanisé | sZ | 814 |
| 01.G23VP1420H | 42 | 2 160 | 946   | 1 748 | Acier galvanisé | zS | 814 |
| 01.G18VP1420H | 42 | 2 160 | 946   | 1 748 | Acier galvanisé | zZ | 814 |
| 01.B28VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier clair     | sS | 893 |
| 01.B13VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier clair     | sZ | 893 |
| 01.B23VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier clair     | zS | 893 |
| 01.B18VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier clair     | zZ | 893 |
| 01.G28VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier galvanisé | sS | 893 |
| 01.G13VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier galvanisé | sZ | 893 |
| 01.G23VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier galvanisé | zS | 893 |
| 01.G18VP1440G | 44 | 1 960 | 1 039 | 1 781 | Acier galvanisé | zZ | 893 |

|               |    |       |       |       |                 |    |     |
|---------------|----|-------|-------|-------|-----------------|----|-----|
| 01.B28VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier clair     | sS | 893 |
| 01.B13VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier clair     | sZ | 893 |
| 01.B23VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier clair     | zS | 893 |
| 01.B18VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier clair     | zZ | 893 |
| 01.G28VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier galvanisé | sS | 893 |
| 01.G13VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier galvanisé | sZ | 893 |
| 01.G23VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier galvanisé | zS | 893 |
| 01.G18VP1440H | 44 | 2 160 | 1 039 | 1 918 | Acier galvanisé | zZ | 893 |
| 01.B28VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier clair     | sS | 976 |
| 01.B13VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier clair     | sZ | 976 |
| 01.B23VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier clair     | zS | 976 |
| 01.B18VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier clair     | zZ | 976 |
| 01.G28VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier galvanisé | sS | 976 |
| 01.G13VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier galvanisé | sZ | 976 |
| 01.G23VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier galvanisé | zS | 976 |
| 01.G18VP1460G | 46 | 1 960 | 1 135 | 1 947 | Acier galvanisé | zZ | 976 |
| 01.B28VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier clair     | sS | 976 |
| 01.B13VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier clair     | sZ | 976 |
| 01.B23VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier clair     | zS | 976 |
| 01.B18VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier clair     | zZ | 976 |
| 01.G28VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier galvanisé | sS | 976 |
| 01.G13VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier galvanisé | sZ | 976 |
| 01.G23VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier galvanisé | zS | 976 |



|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.G18VP1460H | 46 | 2 160 | 1 135 | 2 096 | Acier galvanisé | zZ | 976   |
| 01.B28VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier clair     | sS | 1 063 |
| 01.B13VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier clair     | sZ | 1 063 |
| 01.B23VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier clair     | zS | 1 063 |
| 01.B18VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier clair     | zZ | 1 063 |
| 01.G28VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier galvanisé | sS | 1 063 |
| 01.G13VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier galvanisé | sZ | 1 063 |
| 01.G23VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier galvanisé | zS | 1 063 |
| 01.G18VP1480G | 48 | 1 960 | 1 236 | 2 120 | Acier galvanisé | zZ | 1 063 |
| 01.B28VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier clair     | sS | 1 063 |
| 01.B13VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier clair     | sZ | 1 063 |
| 01.B23VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier clair     | zS | 1 063 |
| 01.B18VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier clair     | zZ | 1 063 |
| 01.G28VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier galvanisé | sS | 1 063 |
| 01.G13VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier galvanisé | sZ | 1 063 |
| 01.G23VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier galvanisé | zS | 1 063 |
| 01.G18VP1480H | 48 | 2 160 | 1 236 | 2 283 | Acier galvanisé | zZ | 1 063 |
| 01.B28VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier clair     | sS | 1 153 |
| 01.B13VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier clair     | sZ | 1 153 |
| 01.B23VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier clair     | zS | 1 153 |
| 01.B18VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier clair     | zZ | 1 153 |
| 01.G28VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier galvanisé | sS | 1 153 |
| 01.G13VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier galvanisé | sZ | 1 153 |

|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.G23VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier galvanisé | zS | 1 153 |
| 01.G18VP1500G | 50 | 1 960 | 1 341 | 2 300 | Acier galvanisé | zZ | 1 153 |
| 01.B28VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier clair     | sS | 1 153 |
| 01.B13VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier clair     | sZ | 1 153 |
| 01.B23VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier clair     | zS | 1 153 |
| 01.B18VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier clair     | zZ | 1 153 |
| 01.G28VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier galvanisé | sS | 1 153 |
| 01.G13VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier galvanisé | sZ | 1 153 |
| 01.G23VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier galvanisé | zS | 1 153 |
| 01.G18VP1500H | 50 | 2 160 | 1 341 | 2 477 | Acier galvanisé | zZ | 1 153 |
| 01.B28VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier clair     | sS | 1 247 |
| 01.B13VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier clair     | sZ | 1 247 |
| 01.B23VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier clair     | zS | 1 247 |
| 01.B18VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier clair     | zZ | 1 247 |
| 01.G28VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier galvanisé | sS | 1 247 |
| 01.G13VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier galvanisé | sZ | 1 247 |
| 01.G23VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier galvanisé | zS | 1 247 |
| 01.G18VP1520G | 52 | 1 960 | 1 450 | 2 488 | Acier galvanisé | zZ | 1 247 |
| 01.B28VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier clair     | sS | 1 247 |
| 01.B13VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier clair     | sZ | 1 247 |
| 01.B23VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier clair     | zS | 1 247 |
| 01.B18VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier clair     | zZ | 1 247 |
| 01.G28VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier galvanisé | sS | 1 247 |

|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.G13VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier galvanisé | sZ | 1 247 |
| 01.G23VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier galvanisé | zS | 1 247 |
| 01.G18VP1520H | 52 | 2 160 | 1 450 | 2 679 | Acier galvanisé | zZ | 1 247 |
| 01.B13VP1540G | 54 | 1 960 | 1 564 | 2,83  | Acier clair     | sZ | 1 345 |
| 01.B28VP1540G | 54 | 1 960 | 1 564 | 2 683 | Acier clair     | sS | 1 345 |
| 01.B23VP1540G | 54 | 1 960 | 1 564 | 2 683 | Acier clair     | zS | 1 345 |
| 01.B18VP1540G | 54 | 1 960 | 1 564 | 2 683 | Acier clair     | zZ | 1 345 |
| 01.G28VP1540G | 54 | 1 960 | 1 564 | 2 683 | Acier galvanisé | sS | 1 345 |
| 01.G13VP1540G | 54 | 1 960 | 1 564 | 2 683 | Acier galvanisé | sZ | 1 345 |
| 01.G23VP1540G | 54 | 1 960 | 1 564 | 2 683 | Acier galvanisé | zS | 1 345 |
| 01.G18VP1540G | 54 | 1 960 | 1 564 | 2 683 | Acier galvanisé | zZ | 1 345 |
| 01.B28VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier clair     | sS | 1 345 |
| 01.B13VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier clair     | sZ | 1 345 |
| 01.B23VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier clair     | zS | 1 345 |
| 01.B18VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier clair     | zZ | 1 345 |
| 01.G28VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier galvanisé | sS | 1 345 |
| 01.G13VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier galvanisé | sZ | 1 345 |
| 01.G23VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier galvanisé | zS | 1 345 |
| 01.G18VP1540H | 54 | 2 160 | 1 564 | 2 889 | Acier galvanisé | zZ | 1 345 |
| 01.B28VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier clair     | sS | 1 447 |
| 01.B13VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier clair     | sZ | 1 447 |
| 01.B23VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier clair     | zS | 1 447 |
| 01.B18VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier clair     | zZ | 1 447 |

|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.G28VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier galvanisé | sS | 1 447 |
| 01.G13VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier galvanisé | sZ | 1 447 |
| 01.G23VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier galvanisé | zS | 1 447 |
| 01.G18VP1560G | 56 | 1 960 | 1 682 | 2 885 | Acier galvanisé | zZ | 1 447 |
| 01.B28VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier clair     | sS | 1 447 |
| 01.B13VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier clair     | sZ | 1 447 |
| 01.B23VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier clair     | zS | 1 447 |
| 01.B18VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier clair     | zZ | 1 447 |
| 01.G28VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier galvanisé | sS | 1 447 |
| 01.G13VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier galvanisé | sZ | 1 447 |
| 01.G23VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier galvanisé | zS | 1 447 |
| 01.G18VP1560H | 56 | 2 160 | 1 682 | 3 107 | Acier galvanisé | zZ | 1 447 |
| 01.B28VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier clair     | sS | 1 552 |
| 01.B13VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier clair     | sZ | 1 552 |
| 01.B23VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier clair     | zS | 1 552 |
| 01.B18VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier clair     | zZ | 1 552 |
| 01.G28VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier galvanisé | sS | 1 552 |
| 01.G13VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier galvanisé | sZ | 1 552 |
| 01.G23VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier galvanisé | zS | 1 552 |
| 01.G18VP1580G | 58 | 1 960 | 1 805 | 3 095 | Acier galvanisé | zZ | 1 552 |
| 01.B28VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier clair     | sS | 1 552 |
| 01.B13VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier clair     | sZ | 1 552 |
| 01.B23VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier clair     | zS | 1 552 |

|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.B18VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier clair     | zZ | 1 552 |
| 01.G28VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier galvanisé | sS | 1 552 |
| 01.G13VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier galvanisé | sZ | 1 552 |
| 01.G23VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier galvanisé | zS | 1 552 |
| 01.G18VP1580H | 58 | 2 160 | 1 805 | 3 333 | Acier galvanisé | zZ | 1 552 |
| 01.B28VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier clair     | sS | 1 661 |
| 01.B13VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier clair     | sZ | 1 661 |
| 01.B23VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier clair     | zS | 1 661 |
| 01.B18VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier clair     | zZ | 1 661 |
| 01.G28VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier galvanisé | sS | 1 661 |
| 01.G13VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier galvanisé | sZ | 1 661 |
| 01.G23VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier galvanisé | zS | 1 661 |
| 01.G18VP1600G | 60 | 1 960 | 1 931 | 3 312 | Acier galvanisé | zZ | 1 661 |
| 01.B28VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier clair     | sS | 1 661 |
| 01.B13VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier clair     | sZ | 1 661 |
| 01.B23VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier clair     | zS | 1 661 |
| 01.B18VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier clair     | zZ | 1 661 |
| 01.G28VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier galvanisé | sS | 1 661 |
| 01.G13VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier galvanisé | sZ | 1 661 |
| 01.G23VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier galvanisé | zS | 1 661 |
| 01.G18VP1600H | 60 | 2 160 | 1 931 | 3 566 | Acier galvanisé | zZ | 1 661 |
| 01.B28VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier clair     | sS | 1 890 |
| 01.B13VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier clair     | sZ | 1 890 |

|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.B23VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier clair     | zS | 1 890 |
| 01.B18VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier clair     | zZ | 1 890 |
| 01.G28VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier galvanisé | sS | 1 890 |
| 01.G13VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier galvanisé | sZ | 1 890 |
| 01.G23VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier galvanisé | zS | 1 890 |
| 01.G18VP1640G | 64 | 1 960 | 2 197 | 3 768 | Acier galvanisé | zZ | 1 890 |
| 01.B28VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier clair     | sS | 1 890 |
| 01.B13VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier clair     | sZ | 1 890 |
| 01.B23VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier clair     | zS | 1 890 |
| 01.B18VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier clair     | zZ | 1 890 |
| 01.G28VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier galvanisé | sS | 1 890 |
| 01.G13VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier galvanisé | sZ | 1 890 |
| 01.G23VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier galvanisé | zS | 1 890 |
| 01.G18VP1640H | 64 | 2 160 | 2 197 | 4 058 | Acier galvanisé | zZ | 1 890 |
| 01.B28VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier clair     | sS | 2 010 |
| 01.B13VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier clair     | sZ | 2 010 |
| 01.B23VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier clair     | zS | 2 010 |
| 01.B18VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier clair     | zZ | 2 010 |
| 01.G28VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier galvanisé | sS | 2 010 |
| 01.G13VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier galvanisé | sZ | 2 010 |
| 01.G23VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier galvanisé | zS | 2 010 |
| 01.G18VP1660G | 66 | 1 960 | 2 337 | 4 007 | Acier galvanisé | zZ | 2 010 |
| 01.B28VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier clair     | sS | 2 010 |

|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.B13VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier clair     | sZ | 2 010 |
| 01.B23VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier clair     | zS | 2 010 |
| 01.B18VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier clair     | zZ | 2 010 |
| 01.G28VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier galvanisé | sS | 2 010 |
| 01.G13VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier galvanisé | sZ | 2 010 |
| 01.G23VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier galvanisé | zS | 2 010 |
| 01.G18VP1660H | 66 | 2 160 | 2 337 | 4 315 | Acier galvanisé | zZ | 2 010 |
| 01.B28VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier clair     | sS | 2 133 |
| 01.B13VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier clair     | sZ | 2 133 |
| 01.B23VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier clair     | zS | 2 133 |
| 01.B18VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier clair     | zZ | 2 133 |
| 01.G28VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier galvanisé | sS | 2 133 |
| 01.G13VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier galvanisé | sZ | 2 133 |
| 01.G23VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier galvanisé | zS | 2 133 |
| 01.G18VP1680G | 68 | 1 960 | 2 480 | 4 254 | Acier galvanisé | zZ | 2 133 |
| 01.B28VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier clair     | sS | 2 133 |
| 01.B13VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier clair     | sZ | 2 133 |
| 01.B23VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier clair     | zS | 2 133 |
| 01.B18VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier clair     | zZ | 2 133 |
| 01.G28VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier galvanisé | sS | 2 133 |
| 01.G13VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier galvanisé | sZ | 2 133 |
| 01.G23VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier galvanisé | zS | 2 133 |
| 01.G18VP1680H | 68 | 2 160 | 2 480 | 4 581 | Acier galvanisé | zZ | 2 133 |

|               |    |       |       |       |                 |    |       |
|---------------|----|-------|-------|-------|-----------------|----|-------|
| 01.B28VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier clair     | sS | 2 261 |
| 01.B13VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier clair     | sZ | 2 261 |
| 01.B23VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier clair     | zS | 2 261 |
| 01.B18VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier clair     | zZ | 2 261 |
| 01.G28VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier galvanisé | sS | 2 261 |
| 01.G13VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier galvanisé | sZ | 2 261 |
| 01.G23VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier galvanisé | zS | 2 261 |
| 01.G18VP1700G | 70 | 1 960 | 2 628 | 4 508 | Acier galvanisé | zZ | 2 261 |
| 01.B28VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier clair     | sS | 2 261 |
| 01.B13VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier clair     | sZ | 2 261 |
| 01.B23VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier clair     | zS | 2 261 |
| 01.B18VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier clair     | zZ | 2 261 |
| 01.G28VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier galvanisé | sS | 2 261 |
| 01.G13VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier galvanisé | sZ | 2 261 |
| 01.G23VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier galvanisé | zS | 2 261 |
| 01.G18VP1700H | 70 | 2 160 | 2 628 | 4 854 | Acier galvanisé | zZ | 2 261 |



