

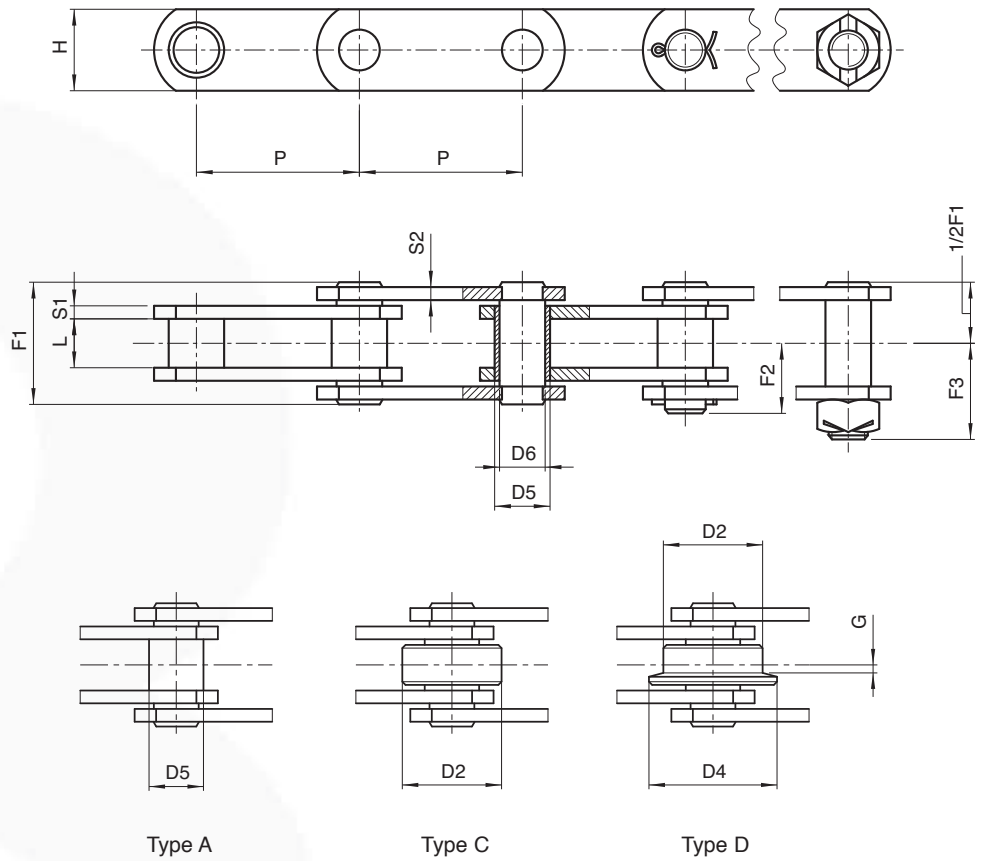


Chaines

CHAINES SERIE  
BS 4116 PART 4 (série Z)



# CHAINES SERIE BS 4116 PART 4



A AXES  
PLEINS

| Chaîne N.         | P<br>pouces | P<br>mm | L<br>mm | D2<br>mm | D4<br>mm | G<br>mm | D5<br>mm          | D6<br>mm | H<br>mm | S1<br>mm | S2<br>mm | F1<br>mm | F2<br>mm | F3<br>mm | Charge de rupture<br>N N* |         |
|-------------------|-------------|---------|---------|----------|----------|---------|-------------------|----------|---------|----------|----------|----------|----------|----------|---------------------------|---------|
| 7500 lbf<br>Z40   | 2           | 50,8    | 15      | 31,75    | 40       | 2,5     | 17 $\blacksquare$ | 14       | 25      | 4        | 4        | 37       | 22       | 28,5     | 40.000                    | 50.000  |
| "                 | 2,5         | 63,5    | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 3           | 76,2    | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 3,5         | 88,9    | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 4           | 101,6   | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 5           | 127     | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 6           | 152,4   | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| 15000 lbf<br>Z100 | 3           | 76,2    | 19      | 47,5     | 60       | 3,5     | 23**              | 19       | 40      | 5        | 4        | 45       | 28       | 37       | 100.000                   | 130.000 |
| "                 | 3,5         | 88,9    | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 4           | 101,6   | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 5           | 127     | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 6           | 152,4   | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 7           | 177,8   | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |
| "                 | 8           | 203,2   | "       | "        | "        | "       | "                 | "        | "       | "        | "        | "        | "        | "        | "                         | "       |

(\*) Charge de rupture avec plaques traitées

( $\blacksquare$ ) Dia. 18 mm pour chaîne type „A“

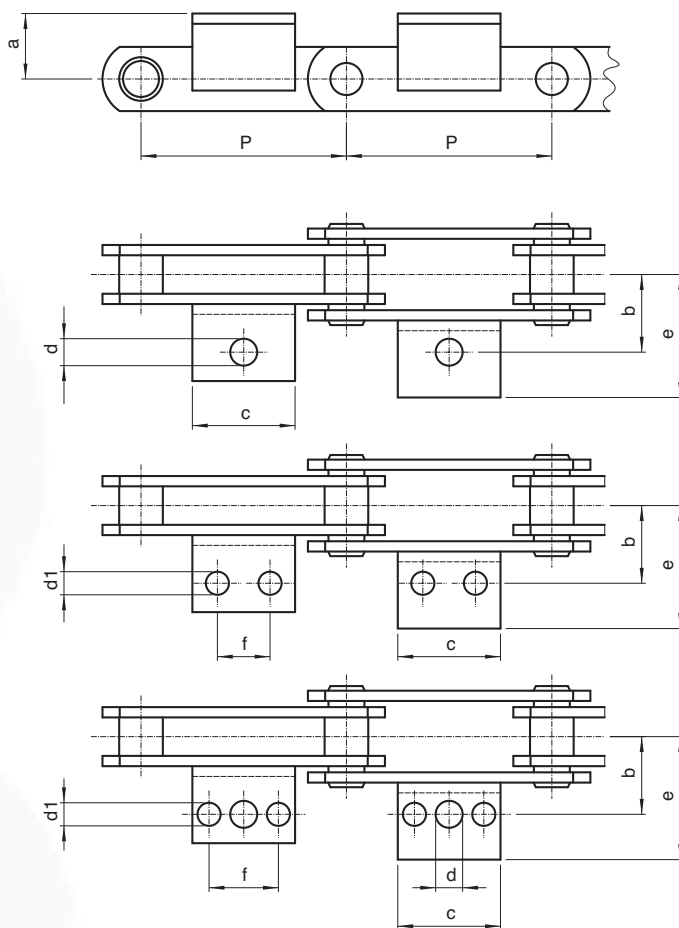
(\*\*) Diam. 24 mm. pour chaîne type „A“

Versions alternatives:

- pas metrique
- galets en nylon, delrin, etc.
- à axes débordants
- en acier INOX
- traitements superficiels de zingage, nickelage, etc.
- pré-étirées et présélectionnées



# CHAINES SERIE BS 4116 PART 4



Schema du montage des attaches à la page 1.9/2

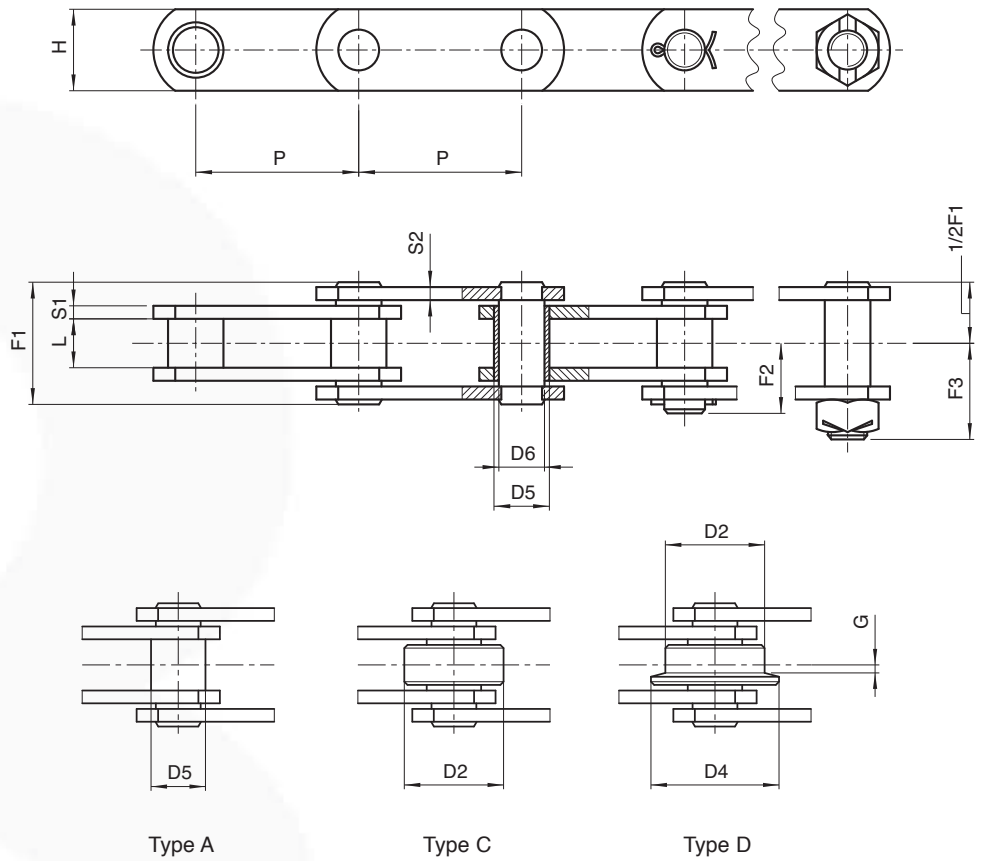
## ATTACHES

| Chaîne N. | Symbole | P mm  | a mm | b mm | c mm  | d mm | d1 mm | e mm | f mm | Cornière mm | Poids chaîne |        |        | Suppl. poids attache kg |
|-----------|---------|-------|------|------|-------|------|-------|------|------|-------------|--------------|--------|--------|-------------------------|
|           |         |       |      |      |       |      |       |      |      |             | type A       | type C | type D |                         |
| Z40       | ●       | 50,8  | 19   | 38,1 | 45    | 10,7 | /     | 64,5 | /    | /           | 3            | 4,2    | 4,4    | 0,100                   |
| "         | ●♣      | 63,5  | "    | "    | 43    | "    | 9,3   | 56   | 22,2 | 40x25x4     | 2,8          | 3,8    | 3,9    | 0,100                   |
| "         | □       | 76,2  | "    | "    | "     | "    | "     | 68   | "    | /           | 2,5          | 3,3    | 3,4    | 0,100                   |
| "         | □       | 88,9  | "    | "    | 50    | "    | "     | 56   | 31,8 | 40x25x4     | 2,4          | 3,1    | 3,2    | 0,100                   |
| "         | □       | 101,6 | "    | "    | 64    | "    | "     | 55   | "    | /           | 2,3          | 2,9    | 3      | 0,100                   |
| "         | □       | 127   | "    | "    | 84    | "    | "     | 56   | 57,2 | 40x25x4     | 2,1          | 2,6    | 2,7    | 0,200                   |
| "         | □       | 152,4 | "    | "    | "     | "    | "     | "    | "    | "           | 1,9          | 2,4    | 2,5    | 0,200                   |
| Z100      | ●       | 76,2  | 32   | 44,5 | 30    | 14   | /     | 65   | /    | 45x5        | 4,9          | 7,7    | 8,2    | 0,100                   |
| "         | ●       | 88,9  | "    | "    | "     | "    | /     | "    | /    | "           | 4,7          | 7,1    | 7,5    | 0,100                   |
| "         | □       | 101,6 | "    | "    | 64    | "    | 10,5  | "    | 31,8 | /           | 4,6          | 6,5    | 7      | 0,100                   |
| "         | ●♣      | 127   | "    | "    | 84    | "    | "     | "    | 57,2 | 45x5        | 4,3          | 5,6    | 6,2    | 0,300                   |
| "         | □       | 152,4 | "    | "    | 114,5 | "    | "     | "    | "    | /           | 4,1          | 5,2    | 5,7    | 0,300                   |
| "         | ●♣      | 177,8 | "    | "    | 110   | "    | "     | "    | 80   | 45x5        | 3,9          | 4,8    | 5,2    | 0,400                   |
| "         | ●♣      | 203,2 | "    | "    | "     | "    | "     | "    | "    | "           | 3,8          | 4,6    | 5      | 0,400                   |

- attaches à 1 trou
- ♣ attaches à 2 trous
- attaches à 3 trous
- ⊗ plaque et attache en une seule pièce pliée
- attaches avec 3 trous oblongs



# CHAINES SERIE BS 4116 PART 4



A AXES  
PLEINS

| Chaîne<br>N. | P<br>pouces | P<br>mm | L<br>mm | D2<br>mm | D4<br>mm | G<br>mm | D5<br>mm | D6<br>mm | H<br>mm | S1<br>mm | S2<br>mm | F1<br>mm | F2<br>mm | F3<br>mm | Charge de rupture |         |
|--------------|-------------|---------|---------|----------|----------|---------|----------|----------|---------|----------|----------|----------|----------|----------|-------------------|---------|
|              |             |         |         |          |          |         |          |          |         |          |          |          |          |          | N                 | N*      |
| 30000 lbf    |             |         |         |          |          |         |          |          |         |          |          |          |          |          |                   |         |
| Z160         | 4           | 101,6   | 26      | 66,7     | 82       | 3,5     | 33       | 26,9     | 50      | 7        | 5        | 58       | 34,5     | 51,0     | 156.000           | 200.000 |
| "            | 5           | 127     | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 6           | 152,4   | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 7           | 177,8   | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 8           | 203,2   | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 9           | 228,6   | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 10          | 254     | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| 60000 lbf    |             |         |         |          |          |         |          |          |         |          |          |          |          |          |                   |         |
| Z300         | 6           | 152,4   | 38      | 88,9     | 114      | 8,5     | 38       | 32       | 60      | 10       | 8        | 84       | 52       | 71,0     | 300.000           | 380.000 |
| "            | 7           | 177,8   | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 8           | 203,2   | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 10          | 254     | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |
| "            | 12          | 304,8   | "       | "        | "        | "       | "        | "        | "       | "        | "        | "        | "        | "        | "                 | "       |

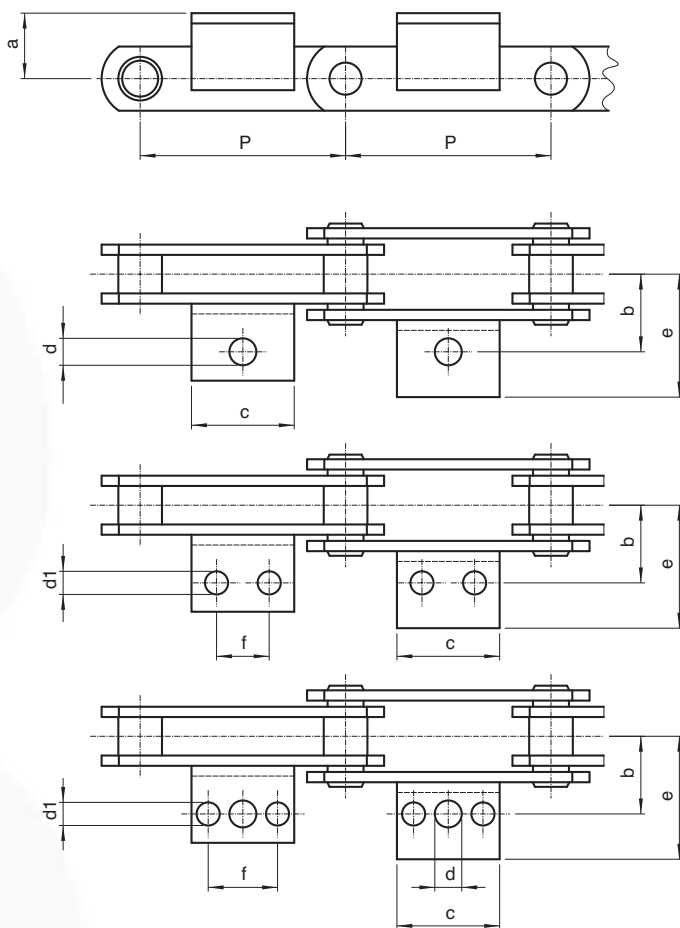
(\*) Charge de rupture  
avec plaques traitées

Versions alternatives:

- pas metrique
- galets en nylon, delrin, etc.
- à axes débordants
- en acier INOX
- traitements superficiels de zingage, nickelage, etc.
- pré-étirées et présélectionnées



# CHAINES SERIE BS 4116 PART 4



Schema du montage des attaches à la page 1.9/2

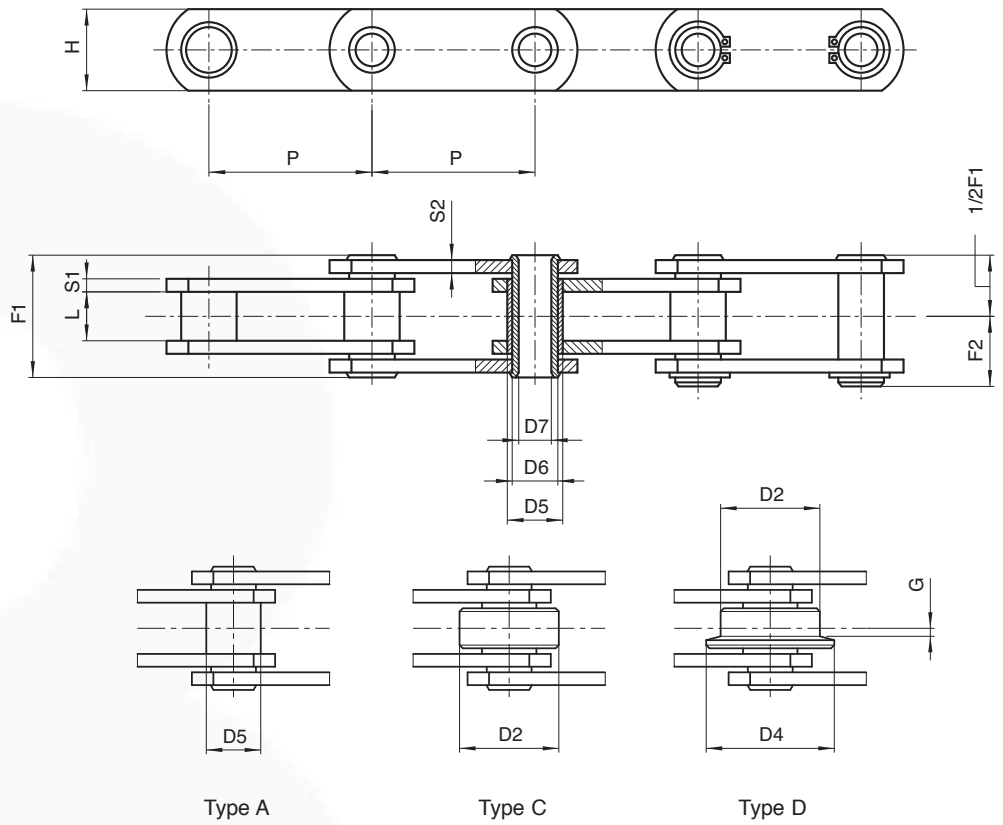
## ATTACHES

| Chaîne N. | P mm | a mm  | b mm | c mm | d mm  | d1 mm | e mm | f mm | Cornière mm | Poids chaîne |        |        | Suppl. poids attache kg |       |
|-----------|------|-------|------|------|-------|-------|------|------|-------------|--------------|--------|--------|-------------------------|-------|
|           |      |       |      |      |       |       |      |      |             | type A       | type C | type D |                         |       |
| Z160      | ●    | 101,6 | 38   | 54   | 35    | 15,5  | /    | 77   | /           | /            | 8,8    | 13,7   | 14,9                    | 0,200 |
| "         | ●♣   | 127   | "    | "    | 56    | "     | 12,3 | "    | 31,7        | 50x6         | 8      | 11,8   | 12,8                    | 0,300 |
| "         | ●♣   | 152,4 | "    | "    | 84    | "     | "    | "    | 57,2        | "            | 7,5    | 10,8   | 11,5                    | 0,400 |
| "         | ●♣   | 177,8 | "    | "    | "     | "     | "    | "    | "           | "            | 7      | 9,8    | 10,5                    | 0,400 |
| "         | ●♣   | 203,2 | "    | "    | 130   | "     | "    | "    | 90          | "            | 6,7    | 9,2    | 9,7                     | 0,600 |
| "         | ●♣   | 228,6 | "    | "    | 150   | "     | "    | "    | 100         | "            | 6      | 8,9    | 9,1                     | 0,700 |
| "         | ●♣   | 254   | "    | "    | 170   | "     | "    | "    | 135         | "            | 5,6    | 7,6    | 8,0                     | 0,700 |
| Z300      | ●    | 152,4 | 51   | 73   | 70    | 17    | 14   | 100  | 38,1        | 60x8         | 14,7   | 24,3   | 26,0                    | 0,500 |
| "         | ●    | 177,8 | "    | "    | "     | "     | "    | "    | "           | "            | 13,7   | 22,0   | 23,5                    | 0,500 |
| "         | ●♣   | 203,2 | "    | "    | 100   | "     | "    | "    | 76,2        | "            | 13,1   | 20,5   | 21,6                    | 0,700 |
| "         | ●♣   | 254   | "    | "    | 152,4 | "     | "    | "    | 90          | "            | 12,2   | 18,0   | 19,0                    | 0,900 |
| "         | ●♣   | 304,8 | "    | "    | 225   | "     | "    | "    | 190         | "            | 11,6   | 16,5   | 17,5                    | 1,600 |

● attaches à 1 trou  
 ●♣ attaches à 2 trous



# CHAINES SERIE BS 4116 PART 4



**A AXES  
CREUX**

| Chaîne<br>N. | P<br>pouces | P<br>mm | L<br>mm | D2<br>mm | D4<br>mm | G<br>mm | D5<br>mm | D6<br>mm | D7<br>mm | H<br>mm | S1<br>mm | S2<br>mm | F1<br>mm | F2<br>mm | Charge de rupture |         | Poids<br>chaîne<br>kg/m** |
|--------------|-------------|---------|---------|----------|----------|---------|----------|----------|----------|---------|----------|----------|----------|----------|-------------------|---------|---------------------------|
|              |             |         |         |          |          |         |          |          |          |         |          |          |          |          | N                 | N*      |                           |
| 4500 lbf     |             |         |         |          |          |         |          |          |          |         |          |          |          |          |                   |         |                           |
| ZC21         | 1,5         | 38,1    | 12,7    | 25,4     | /        | /       | 11       | 9        | 6,5      | 18      | 2,5      | 2,5      | 26       | 14,5     | 21.000            | /       | 2,1                       |
| "            | 2           | 50,8    | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 1,7                       |
| "            | 2,5         | 63,5    | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 1,6                       |
| "            | 3           | 76,2    | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 1,4                       |
| 6000 lbf     |             |         |         |          |          |         |          |          |          |         |          |          |          |          |                   |         |                           |
| ZC40         | 2           | 50,8    | 15      | 31,75    | 40       | 2,5     | 17       | 14       | 10,2     | 25      | 4        | 4        | 36,4     | 19,5     | 40.000            | 50.000  | 3,6                       |
| "            | 2,5         | 63,5    | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 3,3                       |
| "            | 3           | 76,2    | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 3                         |
| "            | 3,5         | 88,9    | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 2,8                       |
| "            | 4           | 101,6   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 2,6                       |
| "            | 5           | 127     | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 2,4                       |
| "            | 6           | 152,4   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 2,3                       |
| 12000 lbf    |             |         |         |          |          |         |          |          |          |         |          |          |          |          |                   |         |                           |
| ZC60         | 3           | 76,2    | 19      | 47,5     | 60       | 3,5     | 23       | 19       | 13,2     | 40      | 5        | 4        | 45       | 23,5     | 60.000            | 120.000 | 6,9                       |
| "            | 3,5         | 88,9    | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 6,4                       |
| "            | 4           | 101,6   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 5,9                       |
| "            | 5           | 127     | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 5,3                       |
| "            | 6           | 152,4   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 4,9                       |
| "            | 7           | 177,8   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 4,6                       |
| "            | 8           | 203,2   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 4,4                       |

(\*) Charge de rupture avec plaques traitées

(●) Dia. 18 mm pour chaîne type „A“

(\*\*) Poids pour chaîne avec galet "type C"

(☆) Diam. 24mm pour chaîne type "A"

Versions alternatives:

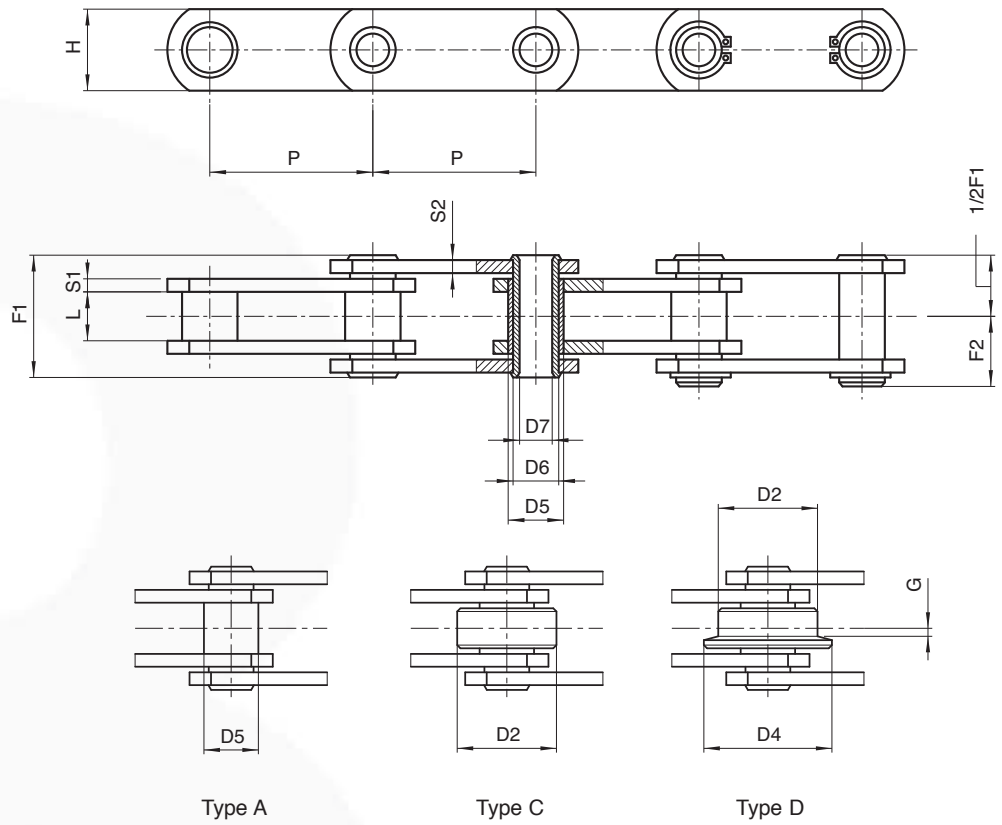
- pas métrique
- galets en nylon, delrin, etc.
- en acier INOX
- traitements superficiels de zingage, nickelage, etc.
- pré-étirées et présélectionnées

- ZC21 stainless steel.

Les dimensions peuvent être différent de celles indiquées au-dessus



# CHAINES SERIE BS 4116 PART 4



A AXES  
CREUX

| Chaîne<br>N. | P<br>pouces | P<br>mm | L<br>mm | D2<br>mm | D4<br>mm | G<br>mm | D5<br>mm | D6<br>mm | D7<br>mm | H<br>mm | S1<br>mm | S2<br>mm | F1<br>mm | F2<br>mm | Charge de rupture |         | Poids<br>chaîne<br>kg/m** |
|--------------|-------------|---------|---------|----------|----------|---------|----------|----------|----------|---------|----------|----------|----------|----------|-------------------|---------|---------------------------|
|              |             |         |         |          |          |         |          |          |          |         |          |          |          |          | N                 | N*      |                           |
| 24000 lbf    |             |         |         |          |          |         |          |          |          |         |          |          |          |          |                   |         |                           |
| ZC150        | 4           | 101,6   | 26      | 66,7     | 82       | 4       | 33       | 26,9     | 20,2     | 50      | 7        | 5        | 60,5     | 31,5     | 150.000           | 190.000 | 12                        |
| "            | 5           | 127     | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 10,8                      |
| "            | 6           | 152,4   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 9,8                       |
| "            | 7           | 177,8   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 9                         |
| "            | 8           | 203,2   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 8,5                       |
| "            | 9           | 228,6   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 8,2                       |
| "            | 10          | 254     | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 7,7                       |
| 36000 lbf    |             |         |         |          |          |         |          |          |          |         |          |          |          |          |                   |         |                           |
| ZC300        | 6           | 152,4   | 38      | 88,9     | 114      | 8,5     | 38       | 32       | 23,1     | 60      | 10       | 8        | 83       | 43,5     | 300.000           | 380.000 | 22,1                      |
| "            | 7           | 177,8   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 20                        |
| "            | 8           | 203,2   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 18,6                      |
| "            | 10          | 254     | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 16,4                      |
| "            | 12          | 304,8   | "       | "        | "        | "       | "        | "        | "        | "       | "        | "        | "        | "        | "                 | "       | 15,3                      |

(\*) Charge de rupture avec plaques traitées

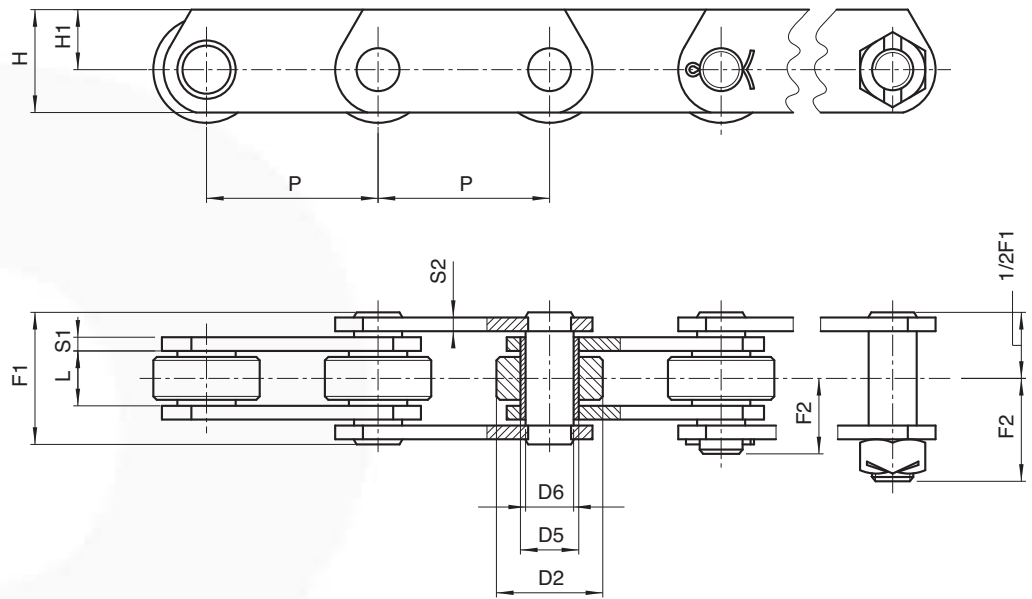
(\*\*) Poids pour chaîne avec galet "type C"

Versions alternatives:

- pas métrique
- galets en nylon, delrin, etc.
- en acier INOX
- traitements superficiels de zingage, nickelage, etc.
- pré-étirées et présélectionnées



# CHAINES SERIE BS 4116 PART 4



## CHAINES A PLAQUES DEPORTEES

| Chaîne N.          | P<br>pouces | P<br>mm | L<br>mm | D2<br>mm | D5<br>mm | D6<br>mm | H<br>mm | H1<br>mm | S1<br>mm | S2<br>mm | F1<br>mm | F2<br>mm | F3<br>mm | Charge de rupture |         | Poids chaîne<br>kg/m |
|--------------------|-------------|---------|---------|----------|----------|----------|---------|----------|----------|----------|----------|----------|----------|-------------------|---------|----------------------|
|                    |             |         |         |          |          |          |         |          |          |          |          |          |          | N                 | N*      |                      |
| 7500 lbf<br>ZE40   | 2           | 50,8    | 15      | 31,75    | 17       | 14       | 40      | 27       | 4        | 4        | 37       | 22       | 28,5     | 40.000            | 60.000  | 5,6                  |
| "                  | 2,5         | 63,5    | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 5,1                  |
| "                  | 3           | 76,2    | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 4,4                  |
| "                  | 3,5         | 88,9    | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 4,1                  |
| "                  | 4           | 101,6   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 3,9                  |
| "                  | 5           | 127     | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 3,6                  |
| "                  | 6           | 152,4   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 3,3                  |
| 15000 lbf<br>ZE100 | 3           | 76,2    | 19      | 47,5     | 23       | 19       | 50      | 30       | 5        | 4        | 45       | 28       | 37       | 100.000           | 160.000 | 9,2                  |
| "                  | 3,5         | 88,9    | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 8,5                  |
| "                  | 4           | 101,6   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 7,8                  |
| "                  | 5           | 127     | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 6,9                  |
| "                  | 6           | 152,4   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 6,4                  |
| "                  | 7           | 177,8   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 6                    |
| "                  | 8           | 203,2   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 5,7                  |

(\*) Charge de rupture avec plaques traitées

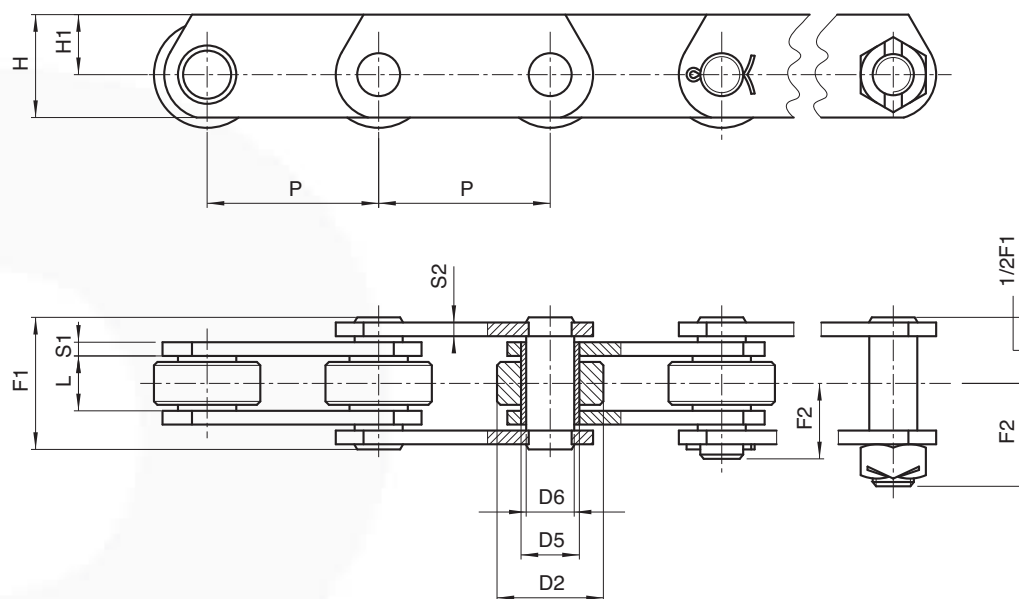
Versions alternatives:

- pas métrique
- galets en nylon, delrin, etc.
- en acier INOX
- traitements superficiels de zingage, nickelage, etc.
- pré-étirées et présélectionnées





# CHAINES SERIE BS 4116 PART 4



## CHAINES A PLAQUES DEPORTEES

| Chaîne N. | P<br>pouces | P<br>mm | L<br>mm | D2<br>mm | D5<br>mm | D6<br>mm | H<br>mm | H1<br>mm | S1<br>mm | S2<br>mm | F1<br>mm | F2<br>mm | F3<br>mm | Charge de rupture |         | Poids chaîne<br>kg/m |
|-----------|-------------|---------|---------|----------|----------|----------|---------|----------|----------|----------|----------|----------|----------|-------------------|---------|----------------------|
|           |             |         |         |          |          |          |         |          |          |          |          |          |          | N                 | N*      |                      |
| 30000 lbf |             |         |         |          |          |          |         |          |          |          |          |          |          |                   |         |                      |
| ZE160     | 4           | 101,6   | 26      | 66,7     | 33       | 26,9     | 70      | 45       | 7        | 5        | 58       | 34,5     | 51       | 160.000           | 200.000 | 17,6                 |
| "         | 5           | 127     | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 15,4                 |
| "         | 6           | 152,4   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 13,9                 |
| "         | 7           | 177,8   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 12,9                 |
| "         | 8           | 203,2   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 12,1                 |
| "         | 9           | 228,6   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 11,5                 |
| "         | 10          | 254     | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 11                   |
| 60000 lbf |             |         |         |          |          |          |         |          |          |          |          |          |          |                   |         |                      |
| ZE300     | 6           | 152,4   | 38      | 88,9     | 38       | 32       | 90      | 60       | 10       | 8        | 84       | 52       | 71       | 300.000           | 380.000 | 32,2                 |
| "         | 7           | 177,8   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 29,4                 |
| "         | 8           | 203,2   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 27,3                 |
| "         | 10          | 254     | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 24,4                 |
| "         | 12          | 304,8   | "       | "        | "        | "        | "       | "        | "        | "        | "        | "        | "        | "                 | "       | 22,5                 |

(\*) Charge de rupture avec plaques traitées

Versions alternatives:

- pas metrique
- galets en nylon, delrin, etc.
- en acier INOX
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