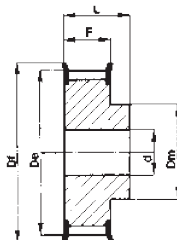
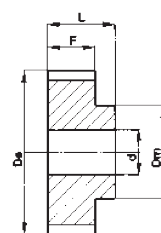


**Tipo / Type**  
**1F**



**Tipo / Type**  
**6F**



**Tipo / Type**  
**6**

## HTD® 3M-06

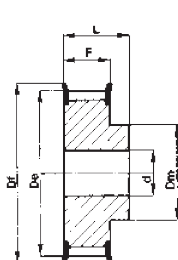
| Caratteristiche<br>Features<br>Merkmale<br>Características                       | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser code<br>Notre code<br>Nuestro código | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zahnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp | De    | Df    | Dm   | F    | L    | Foro stock<br>Stock bore<br>Vor bohrung<br>Alesage en stock<br>Agujero de stock | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----|-------|-------|------|------|------|---------------------------------------------------------------------------------|------------------------------------------------|
| Alluminio / Aluminium / Aluminium / Aluminium / Aluminium<br>6082 T6 UNI 9006/4  | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas  | <b>10 3M 06</b>                                                         | <b>03M0610</b>                      | 1F                                                                                | FL501                                                                          | 10 | 9,55  | 8,79  | 13,0 | 6,0  | 7,2  | 14,5                                                                            | 4                                              |
|                                                                                  |                                                                           | <b>12 3M 06</b>                                                         | <b>03M0612</b>                      | 1F                                                                                | FL502                                                                          | 12 | 11,46 | 10,70 | 15,0 | 8,0  | 7,2  | 14,5                                                                            | 4                                              |
|                                                                                  |                                                                           | <b>14 3M 06</b>                                                         | <b>03M0614</b>                      | 1F                                                                                | FL503                                                                          | 14 | 13,37 | 12,61 | 16,0 | 9,5  | 7,2  | 14,5                                                                            | 4                                              |
|                                                                                  |                                                                           | <b>15 3M 06</b>                                                         | <b>03M0615</b>                      | 1F                                                                                | FL516                                                                          | 15 | 14,32 | 13,56 | 17,5 | 10,5 | 7,2  | 14,5                                                                            | 4                                              |
|                                                                                  |                                                                           | <b>16 3M 06</b>                                                         | <b>03M0616</b>                      | 6F                                                                                | FL504                                                                          | 16 | 15,28 | 14,52 | 17,5 | 10,0 | 9,8  | 17,5                                                                            | 4                                              |
|                                                                                  |                                                                           | <b>18 3M 06</b>                                                         | <b>03M0618</b>                      | 6F                                                                                | FL505                                                                          | 18 | 17,19 | 16,43 | 20,0 | 11,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>20 3M 06</b>                                                         | <b>03M0620</b>                      | 6F                                                                                | FL517                                                                          | 20 | 19,10 | 18,34 | 23,0 | 13,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>21 3M 06</b>                                                         | <b>03M0621</b>                      | 6F                                                                                | FL518                                                                          | 21 | 20,05 | 19,29 | 25,0 | 13,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>22 3M 06</b>                                                         | <b>03M0622</b>                      | 6F                                                                                | FL518                                                                          | 22 | 21,01 | 20,25 | 25,0 | 13,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>24 3M 06</b>                                                         | <b>03M0624</b>                      | 6F                                                                                | FL518                                                                          | 24 | 22,92 | 22,16 | 25,0 | 13,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>26 3M 06</b>                                                         | <b>03M0626</b>                      | 6F                                                                                | FL508                                                                          | 26 | 24,83 | 24,07 | 28,0 | 16,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>28 3M 06</b>                                                         | <b>03M0628</b>                      | 6F                                                                                | FL509                                                                          | 28 | 26,74 | 25,98 | 32,0 | 18,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>30 3M 06</b>                                                         | <b>03M0630</b>                      | 6F                                                                                | FL509                                                                          | 30 | 28,65 | 27,89 | 32,0 | 20,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>32 3M 06</b>                                                         | <b>03M0632</b>                      | 6F                                                                                | FL510                                                                          | 32 | 30,56 | 29,80 | 36,0 | 22,0 | 9,8  | 17,5                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>36 3M 06</b>                                                         | <b>03M0636</b>                      | 6F                                                                                | FL519                                                                          | 36 | 34,38 | 33,62 | 39,0 | 26,0 | 10,3 | 18,0                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>40 3M 06</b>                                                         | <b>03M0640</b>                      | 6F                                                                                | FL513                                                                          | 40 | 38,20 | 37,44 | 42,0 | 28,0 | 10,3 | 18,0                                                                            | 6                                              |
|                                                                                  |                                                                           | <b>44 3M 06</b>                                                         | <b>03M0644</b>                      | 6F                                                                                | FL520                                                                          | 44 | 42,02 | 41,26 | 48,0 | 33,0 | 10,3 | 18,0                                                                            | 6                                              |
| senza flangia / without flanges<br>ohne Flanschen / sans flasques<br>sin tapetas |                                                                           | <b>48 3M 06</b>                                                         | <b>03M0648</b>                      | 6                                                                                 | -                                                                              | 48 | 45,84 | 45,08 | -    | 33,0 | 10,3 | 18,6                                                                            | 8                                              |
|                                                                                  |                                                                           | <b>60 3M 06</b>                                                         | <b>03M0660</b>                      | 6                                                                                 | -                                                                              | 60 | 57,30 | 56,54 | -    | 33,0 | 10,3 | 18,6                                                                            | 8                                              |
|                                                                                  |                                                                           | <b>72 3M 06</b>                                                         | <b>03M0672</b>                      | 6                                                                                 | -                                                                              | 72 | 68,75 | 67,99 | -    | 33,0 | 10,3 | 18,6                                                                            | 8                                              |

## HTD® 3M-09

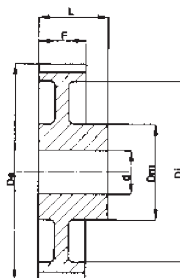
| Caratteristiche<br>Features<br>Merkmale<br>Características         |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Codigo brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp    | De    | Df   | Dm   | F    | L    | Foro stock<br>Stock bore<br>Vorbohrung<br>Alesage en stock<br>Agujero de stock | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------|-------|------|------|------|------|--------------------------------------------------------------------------------|------------------------------------------------|
| Alluminio / Aluminium / Aluminium / Aluminium / 6082 T6 UNI 9006/4 | con flangia / with flanges<br>mit flanges / avec flasques<br>con tapetas           | 10 3M 09                                                                  | 03M0910                                                                 | 1F                          | FL501                                                                             | 10                                                                             | 9,55  | 8,79  | 13,0 | 6,0  | 10,2 | 17,5 | 4                                                                              | 0,004                                          |
|                                                                    |                                                                                    | 12 3M 09                                                                  | 03M0912                                                                 | 1F                          | FL502                                                                             | 12                                                                             | 11,46 | 10,70 | 15,0 | 8,0  | 10,2 | 17,5 | 4                                                                              | 0,006                                          |
|                                                                    |                                                                                    | 14 3M 09                                                                  | 03M0914                                                                 | 1F                          | FL503                                                                             | 14                                                                             | 13,37 | 12,61 | 16,0 | 9,5  | 10,2 | 17,5 | 4                                                                              | 0,007                                          |
|                                                                    |                                                                                    | 15 3M 09                                                                  | 03M0915                                                                 | 1F                          | FL516                                                                             | 15                                                                             | 14,32 | 13,56 | 17,5 | 10,5 | 10,2 | 17,5 | 4                                                                              | 0,008                                          |
|                                                                    |                                                                                    | 16 3M 09                                                                  | 03M0916                                                                 | 6F                          | FL504                                                                             | 16                                                                             | 15,28 | 14,52 | 17,5 | 10,0 | 12,8 | 20,6 | 4                                                                              | 0,007                                          |
|                                                                    |                                                                                    | 18 3M 09                                                                  | 03M0918                                                                 | 6F                          | FL505                                                                             | 18                                                                             | 17,19 | 16,43 | 20,0 | 10,6 | 12,8 | 20,6 | 6                                                                              | 0,008                                          |
|                                                                    |                                                                                    | 20 3M 09                                                                  | 03M0920                                                                 | 6F                          | FL517                                                                             | 20                                                                             | 19,10 | 18,34 | 23,0 | 12,4 | 12,8 | 20,6 | 6                                                                              | 0,010                                          |
|                                                                    |                                                                                    | 21 3M 09                                                                  | 03M0921                                                                 | 6F                          | FL518                                                                             | 21                                                                             | 20,05 | 19,29 | 25,0 | 13,0 | 12,8 | 20,6 | 6                                                                              | 0,013                                          |
|                                                                    |                                                                                    | 22 3M 09                                                                  | 03M0922                                                                 | 6F                          | FL518                                                                             | 22                                                                             | 21,01 | 20,25 | 25,0 | 13,0 | 12,8 | 20,6 | 6                                                                              | 0,014                                          |
|                                                                    |                                                                                    | 24 3M 09                                                                  | 03M0924                                                                 | 6F                          | FL518                                                                             | 24                                                                             | 22,92 | 22,16 | 25,0 | 13,0 | 12,8 | 20,6 | 6                                                                              | 0,016                                          |
|                                                                    |                                                                                    | 26 3M 09                                                                  | 03M0926                                                                 | 6F                          | FL508                                                                             | 26                                                                             | 24,83 | 24,07 | 28,0 | 16,0 | 12,8 | 20,6 | 6                                                                              | 0,018                                          |
|                                                                    |                                                                                    | 28 3M 09                                                                  | 03M0928                                                                 | 6F                          | FL509                                                                             | 28                                                                             | 26,74 | 25,98 | 32,0 | 18,0 | 12,8 | 20,6 | 6                                                                              | 0,024                                          |
|                                                                    |                                                                                    | 30 3M 09                                                                  | 03M0930                                                                 | 6F                          | FL509                                                                             | 30                                                                             | 28,65 | 27,89 | 32,0 | 20,0 | 12,8 | 20,6 | 6                                                                              | 0,028                                          |
|                                                                    |                                                                                    | 32 3M 09                                                                  | 03M0932                                                                 | 6F                          | FL510                                                                             | 32                                                                             | 30,56 | 29,80 | 36,0 | 22,0 | 12,8 | 20,6 | 6                                                                              | 0,032                                          |
|                                                                    |                                                                                    | 36 3M 09                                                                  | 03M0936                                                                 | 6F                          | FL519                                                                             | 36                                                                             | 34,38 | 33,62 | 39,0 | 26,0 | 13,4 | 22,2 | 6                                                                              | 0,045                                          |
|                                                                    |                                                                                    | 40 3M 09                                                                  | 03M0940                                                                 | 6F                          | FL513                                                                             | 40                                                                             | 38,20 | 37,44 | 42,0 | 28,0 | 13,4 | 22,2 | 6                                                                              | 0,055                                          |
|                                                                    |                                                                                    | 44 3M 09                                                                  | 03M0944                                                                 | 6F                          | FL520                                                                             | 44                                                                             | 42,02 | 41,26 | 48,0 | 33,0 | 13,4 | 22,2 | 6                                                                              | 0,074                                          |
|                                                                    | senza flangia / without<br>flanges / ohne flanschen<br>sans flasques / sin tapetas | 48 3M 09                                                                  | 03M0948                                                                 | 6                           |                                                                                   | 48                                                                             | 45,84 | 45,08 | -    | 33,0 | 13,4 | 22,2 | 8                                                                              | 0,074                                          |
|                                                                    |                                                                                    | 60 3M 09                                                                  | 03M0960                                                                 | 6                           |                                                                                   | 60                                                                             | 57,30 | 56,54 | -    | 33,0 | 13,4 | 22,2 | 8                                                                              | 0,106                                          |
|                                                                    |                                                                                    | 72 3M 09                                                                  | 03M0972                                                                 | 6                           |                                                                                   | 72                                                                             | 68,75 | 67,99 | -    | 33,0 | 13,4 | 22,2 | 8                                                                              | 0,145                                          |

## HTD® 3M-15

| Caratteristiche<br>Features<br>Merkmale<br>Características         |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp    | De    | Df   | Dm   | F    | L    | Foro stock<br>Stock bore<br>Vor bohrung<br>Alesage en stock<br>Agujero de stock | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------|-------|------|------|------|------|---------------------------------------------------------------------------------|------------------------------------------------|
| Alluminio / Aluminium / Aluminium / Aluminium / 6082 T6 UNI 9006/4 | con flangia / with flanges<br>mit flanges / avec flasques<br>con tapetas           | 10 3M 15                                                                  | 03M1510                                                                 | 1F                          | FL501                                                                             | 10                                                                             | 9,55  | 8,79  | 13,0 | 6,0  | 17,0 | 26,0 | 4                                                                               | 0,006                                          |
|                                                                    |                                                                                    | 12 3M 15                                                                  | 03M1512                                                                 | 1F                          | FL502                                                                             | 12                                                                             | 11,46 | 10,70 | 15,0 | 8,0  | 17,0 | 26,0 | 4                                                                               | 0,008                                          |
|                                                                    |                                                                                    | 14 3M 15                                                                  | 03M1514                                                                 | 1F                          | FL503                                                                             | 14                                                                             | 13,37 | 12,61 | 16,0 | 9,5  | 17,0 | 26,0 | 4                                                                               | 0,010                                          |
|                                                                    |                                                                                    | 15 3M 15                                                                  | 03M1515                                                                 | 1F                          | FL516                                                                             | 15                                                                             | 14,32 | 13,56 | 17,5 | 10,5 | 17,0 | 26,0 | 4                                                                               | 0,012                                          |
|                                                                    |                                                                                    | 16 3M 15                                                                  | 03M1516                                                                 | 6F                          | FL504                                                                             | 16                                                                             | 15,28 | 14,52 | 17,5 | 10,0 | 19,5 | 26,0 | 4                                                                               | 0,010                                          |
|                                                                    |                                                                                    | 18 3M 15                                                                  | 03M1518                                                                 | 6F                          | FL505                                                                             | 18                                                                             | 17,19 | 16,43 | 20,0 | 10,6 | 19,5 | 26,0 | 6                                                                               | 0,012                                          |
|                                                                    |                                                                                    | 20 3M 15                                                                  | 03M1520                                                                 | 6F                          | FL517                                                                             | 20                                                                             | 19,10 | 18,34 | 23,0 | 12,4 | 19,5 | 26,0 | 6                                                                               | 0,014                                          |
|                                                                    |                                                                                    | 21 3M 15                                                                  | 03M1521                                                                 | 6F                          | FL518                                                                             | 21                                                                             | 20,05 | 19,29 | 25,0 | 13,0 | 19,5 | 26,0 | 6                                                                               | 0,016                                          |
|                                                                    |                                                                                    | 22 3M 15                                                                  | 03M1522                                                                 | 6F                          | FL518                                                                             | 22                                                                             | 21,01 | 20,25 | 25,0 | 13,0 | 19,5 | 26,0 | 6                                                                               | 0,018                                          |
|                                                                    |                                                                                    | 24 3M 15                                                                  | 03M1524                                                                 | 6F                          | FL518                                                                             | 24                                                                             | 22,92 | 22,16 | 25,0 | 13,0 | 19,5 | 26,0 | 6                                                                               | 0,020                                          |
|                                                                    |                                                                                    | 26 3M 15                                                                  | 03M1526                                                                 | 6F                          | FL508                                                                             | 26                                                                             | 24,83 | 24,07 | 28,0 | 16,0 | 19,5 | 26,0 | 6                                                                               | 0,027                                          |
|                                                                    |                                                                                    | 28 3M 15                                                                  | 03M1528                                                                 | 6F                          | FL509                                                                             | 28                                                                             | 26,74 | 25,98 | 32,0 | 18,0 | 19,5 | 26,0 | 6                                                                               | 0,030                                          |
|                                                                    |                                                                                    | 30 3M 15                                                                  | 03M1530                                                                 | 6F                          | FL509                                                                             | 30                                                                             | 28,65 | 27,89 | 32,0 | 20,0 | 19,5 | 26,0 | 6                                                                               | 0,035                                          |
|                                                                    |                                                                                    | 32 3M 15                                                                  | 03M1532                                                                 | 6F                          | FL510                                                                             | 32                                                                             | 30,56 | 29,80 | 36,0 | 22,0 | 19,5 | 26,0 | 6                                                                               | 0,042                                          |
|                                                                    |                                                                                    | 36 3M 15                                                                  | 03M1536                                                                 | 6F                          | FL519                                                                             | 36                                                                             | 34,38 | 33,62 | 39,0 | 26,0 | 20,0 | 30,0 | 6                                                                               | 0,060                                          |
|                                                                    |                                                                                    | 40 3M 15                                                                  | 03M1540                                                                 | 6F                          | FL513                                                                             | 40                                                                             | 38,20 | 37,44 | 42,0 | 28,0 | 20,0 | 30,0 | 6                                                                               | 0,075                                          |
|                                                                    |                                                                                    | 44 3M 15                                                                  | 03M1544                                                                 | 6F                          | FL520                                                                             | 44                                                                             | 42,02 | 41,26 | 48,0 | 33,0 | 20,0 | 30,0 | 6                                                                               | 0,095                                          |
|                                                                    | senza flangia / without<br>flanges / ohne flanschen<br>sans flasques / sin tapetas | 48 3M 15                                                                  | 03M1548                                                                 | 6                           | -                                                                                 | 48                                                                             | 45,84 | 45,08 | -    | 33,0 | 20,0 | 30,0 | 8                                                                               | 0,103                                          |
|                                                                    |                                                                                    | 60 3M 15                                                                  | 03M1560                                                                 | 6                           | -                                                                                 | 60                                                                             | 57,30 | 56,54 | -    | 33,0 | 20,0 | 30,0 | 8                                                                               | 0,150                                          |
|                                                                    |                                                                                    | 72 3M 15                                                                  | 03M1572                                                                 | 6                           | -                                                                                 | 72                                                                             | 68,75 | 67,99 | -    | 33,0 | 20,0 | 30,0 | 8                                                                               | 0,212                                          |



**Tipo / Type**  
**6F**



**Tipo / Type**  
**6W**

## HTD® 5M-09

| Caratteristiche<br>Features<br>Merkmale<br>Características | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zahnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df   | Dm   | Di  | F    | L    | Foro stock<br>Stock bore<br>Vorbohrung<br>Alesage en stock<br>Agujero de stock | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|------|------|-----|------|------|--------------------------------------------------------------------------------|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | 12 5M 09                                                                  | 05M0912                                                                 | 6F                          | FL014                                                                             | 12                                                                             | 19,10  | 17,96  | 23,0 | 12,0 | -   | 14,5 | 20,0 | 4                                                                              | 0,028                                          |
|                                                            | 14 5M 09                                                                  | 05M0914                                                                 | 6F                          | FL002                                                                             | 14                                                                             | 22,28  | 21,14  | 25,0 | 13,0 | -   | 14,5 | 20,0 | 6                                                                              | 0,034                                          |
|                                                            | 15 5M 09                                                                  | 05M0915                                                                 | 6F                          | FL004                                                                             | 15                                                                             | 23,87  | 22,73  | 28,0 | 16,0 | -   | 14,5 | 20,0 | 6                                                                              | 0,042                                          |
|                                                            | 16 5M 09                                                                  | 05M0916                                                                 | 6F                          | FL004                                                                             | 16                                                                             | 25,46  | 24,32  | 28,0 | 16,5 | -   | 14,5 | 20,0 | 6                                                                              | 0,050                                          |
|                                                            | 18 5M 09                                                                  | 05M0918                                                                 | 6F                          | FL006                                                                             | 18                                                                             | 28,65  | 27,51  | 32,0 | 20,0 | -   | 14,5 | 20,0 | 6                                                                              | 0,070                                          |
|                                                            | 20 5M 09                                                                  | 05M0920                                                                 | 6F                          | FL008                                                                             | 20                                                                             | 31,83  | 30,69  | 36,0 | 23,0 | -   | 14,5 | 22,5 | 6                                                                              | 0,094                                          |
|                                                            | 21 5M 09                                                                  | 05M0921                                                                 | 6F                          | FL009                                                                             | 21                                                                             | 33,42  | 32,28  | 38,0 | 24,0 | -   | 14,5 | 22,5 | 6                                                                              | 0,110                                          |
|                                                            | 22 5M 09                                                                  | 05M0922                                                                 | 6F                          | FL015                                                                             | 22                                                                             | 35,01  | 33,87  | 39,0 | 25,5 | -   | 14,5 | 22,5 | 6                                                                              | 0,118                                          |
|                                                            | 24 5M 09                                                                  | 05M0924                                                                 | 6F                          | FL013                                                                             | 24                                                                             | 38,20  | 37,06  | 42,0 | 27,0 | -   | 14,5 | 22,5 | 6                                                                              | 0,145                                          |
|                                                            | 26 5M 09                                                                  | 05M0926                                                                 | 6F                          | FL012                                                                             | 26                                                                             | 41,38  | 40,24  | 44,0 | 30,0 | -   | 14,5 | 22,5 | 6                                                                              | 0,170                                          |
|                                                            | 28 5M 09                                                                  | 05M0928                                                                 | 6F                          | FL011                                                                             | 28                                                                             | 44,56  | 43,42  | 48,0 | 30,5 | -   | 14,5 | 22,5 | 6                                                                              | 0,200                                          |
|                                                            | 30 5M 09                                                                  | 05M0930                                                                 | 6F                          | FL016                                                                             | 30                                                                             | 47,75  | 46,60  | 51,0 | 35,0 | -   | 14,5 | 22,5 | 6                                                                              | 0,236                                          |
|                                                            | 32 5M 09                                                                  | 05M0932                                                                 | 6F                          | FL018                                                                             | 32                                                                             | 50,93  | 49,79  | 54,0 | 38,0 | -   | 14,5 | 22,5 | 8                                                                              | 0,210                                          |
|                                                            | 36 5M 09                                                                  | 05M0936                                                                 | 6F                          | FL021                                                                             | 36                                                                             | 57,30  | 56,16  | 60,0 | 38,0 | -   | 14,5 | 22,5 | 8                                                                              | 0,324                                          |
|                                                            | 40 5M 09                                                                  | 05M0940                                                                 | 6F                          | FL025                                                                             | 40                                                                             | 63,66  | 62,52  | 71,0 | 38,0 | -   | 14,5 | 22,5 | 8                                                                              | 0,400                                          |
| Alluminio / Aluminium<br>Aluminium / Aluminium<br>Aluminio | 44 5M 09                                                                  | 05M0944                                                                 | 6W                          | -                                                                                 | 44                                                                             | 70,03  | 68,89  | -    | 38,0 | 54  | 14,5 | 25,5 | 8                                                                              | 0,170                                          |
|                                                            | 48 5M 09                                                                  | 05M0948                                                                 | 6W                          | -                                                                                 | 48                                                                             | 76,39  | 75,25  | -    | 45,0 | 61  | 14,5 | 25,5 | 8                                                                              | 0,182                                          |
|                                                            | 60 5M 09                                                                  | 05M0960                                                                 | 6W                          | -                                                                                 | 60                                                                             | 95,46  | 94,35  | -    | 45,0 | 80  | 14,5 | 25,5 | 8                                                                              | 0,230                                          |
|                                                            | 72 5M 09                                                                  | 05M0972                                                                 | 6W                          | -                                                                                 | 72                                                                             | 114,59 | 113,45 | -    | 45,0 | 100 | 14,5 | 25,5 | 8                                                                              | 0,270                                          |

# Pulegge dentate per cinghie HTD® / Timing belt pulleys HTD®

## HTD® Zahnriemenscheiben / Poulies dentées HTD®

### Poleas para correas dentadas HTD®



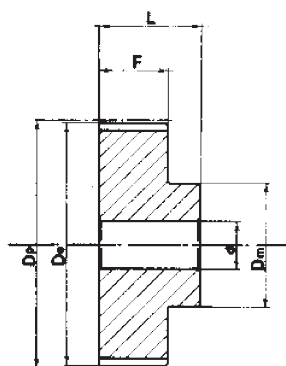
## HTD® 5M-15

| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zahnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df   | Dm   | Di  | F    | L    | Foro stock<br>Stock bore<br>Vor bohrung<br>Alesage en stock<br>Agujero de stock | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|------|------|-----|------|------|---------------------------------------------------------------------------------|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit flanges / avec flasques<br>con tapetas           | 12 5M 15                                                                  | 05M1512                                                                 | 6F                                  | FL014                                                                             | 12                                                                             | 19,10  | 17,96  | 23,0 | 12,0 | -   | 20,5 | 26,0 | 4                                                                               | 0,034                                          |
|                                                            |                                                                                    | 14 5M 15                                                                  | 05M1514                                                                 | 6F                                  | FL002                                                                             | 14                                                                             | 22,28  | 21,14  | 25,0 | 13,0 | -   | 20,5 | 26,0 | 6                                                                               | 0,046                                          |
|                                                            |                                                                                    | 15 5M 15                                                                  | 05M1515                                                                 | 6F                                  | FL004                                                                             | 15                                                                             | 23,87  | 22,73  | 28,0 | 16,0 | -   | 20,5 | 26,0 | 6                                                                               | 0,056                                          |
|                                                            |                                                                                    | 16 5M 15                                                                  | 05M1516                                                                 | 6F                                  | FL004                                                                             | 16                                                                             | 25,46  | 24,32  | 28,0 | 16,5 | -   | 20,5 | 26,0 | 6                                                                               | 0,064                                          |
|                                                            |                                                                                    | 18 5M 15                                                                  | 05M1518                                                                 | 6F                                  | FL006                                                                             | 18                                                                             | 28,65  | 27,51  | 32,0 | 20,0 | -   | 20,5 | 26,0 | 6                                                                               | 0,086                                          |
|                                                            |                                                                                    | 20 5M 15                                                                  | 05M1520                                                                 | 6F                                  | FL008                                                                             | 20                                                                             | 31,83  | 30,69  | 36,0 | 23,0 | -   | 20,5 | 26,0 | 6                                                                               | 0,112                                          |
|                                                            |                                                                                    | 21 5M 15                                                                  | 05M1521                                                                 | 6F                                  | FL009                                                                             | 21                                                                             | 33,42  | 32,28  | 38,0 | 24,0 | -   | 20,5 | 26,0 | 6                                                                               | 0,130                                          |
|                                                            |                                                                                    | 22 5M 15                                                                  | 05M1522                                                                 | 6F                                  | FL015                                                                             | 22                                                                             | 35,01  | 33,87  | 39,0 | 25,5 | -   | 20,5 | 26,0 | 6                                                                               | 0,140                                          |
|                                                            |                                                                                    | 24 5M 15                                                                  | 05M1524                                                                 | 6F                                  | FL013                                                                             | 24                                                                             | 38,20  | 37,06  | 42,0 | 27,0 | -   | 20,5 | 28,0 | 6                                                                               | 0,180                                          |
|                                                            |                                                                                    | 26 5M 15                                                                  | 05M1526                                                                 | 6F                                  | FL012                                                                             | 26                                                                             | 41,38  | 40,24  | 44,0 | 30,0 | -   | 20,5 | 28,0 | 6                                                                               | 0,220                                          |
|                                                            |                                                                                    | 28 5M 15                                                                  | 05M1528                                                                 | 6F                                  | FL011                                                                             | 28                                                                             | 44,56  | 43,42  | 48,0 | 30,5 | -   | 20,5 | 28,0 | 6                                                                               | 0,250                                          |
|                                                            |                                                                                    | 30 5M 15                                                                  | 05M1530                                                                 | 6F                                  | FL016                                                                             | 30                                                                             | 47,75  | 46,60  | 51,0 | 35,0 | -   | 20,5 | 28,0 | 6                                                                               | 0,300                                          |
|                                                            |                                                                                    | 32 5M 15                                                                  | 05M1532                                                                 | 6F                                  | FL018                                                                             | 32                                                                             | 50,93  | 49,79  | 54,0 | 38,0 | -   | 20,5 | 28,0 | 8                                                                               | 0,350                                          |
|                                                            |                                                                                    | 36 5M 15                                                                  | 05M1536                                                                 | 6F                                  | FL021                                                                             | 36                                                                             | 57,30  | 56,16  | 60,0 | 38,0 | -   | 20,5 | 28,0 | 8                                                                               | 0,426                                          |
|                                                            |                                                                                    | 40 5M 15                                                                  | 05M1540                                                                 | 6F                                  | FL025                                                                             | 40                                                                             | 63,66  | 62,52  | 71,0 | 38,0 | -   | 20,5 | 28,0 | 8                                                                               | 0,520                                          |
| Alluminio / Aluminium<br>Aluminium / Aluminium<br>Aluminio | senza flangia / without<br>flanges / ohne flanschen<br>sans flasques / sin tapetas | 44 5M 15                                                                  | 05M1544                                                                 | 6W                                  | -                                                                                 | 44                                                                             | 70,03  | 68,89  | -    | 38,0 | 54  | 20,5 | 30,0 | 8                                                                               | 0,225                                          |
|                                                            |                                                                                    | 48 5M 15                                                                  | 05M1548                                                                 | 6W                                  | -                                                                                 | 48                                                                             | 76,39  | 75,25  | -    | 45,0 | 61  | 20,5 | 30,0 | 8                                                                               | 0,187                                          |
|                                                            |                                                                                    | 60 5M 15                                                                  | 05M1560                                                                 | 6W                                  | -                                                                                 | 60                                                                             | 95,46  | 94,35  | -    | 45,0 | 80  | 20,5 | 30,0 | 8                                                                               | 0,305                                          |
|                                                            |                                                                                    | 72 5M 15                                                                  | 05M1572                                                                 | 6W                                  | -                                                                                 | 72                                                                             | 114,59 | 113,45 | -    | 45,0 | 100 | 20,5 | 30,0 | 8                                                                               | 0,305                                          |

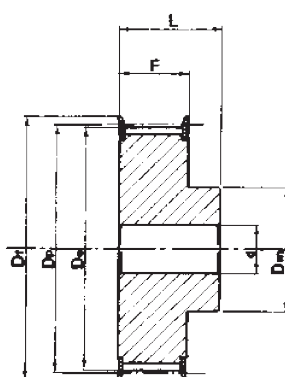
## HTD® 5M-25

| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zahnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df   | Dm   | Di  | F    | L    | Foro stock<br>Stock bore<br>Vor bohrung<br>Alesage en stock<br>Agujero de stock | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|------|------|-----|------|------|---------------------------------------------------------------------------------|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit flanges / avec flasques<br>con tapetas           | 12 5M 25                                                                  | 05M2512                                                                 | 6F                                  | FL014                                                                             | 12                                                                             | 19,10  | 17,96  | 23,0 | 12,0 | -   | 30,5 | 36,0 | 4                                                                               | 0,050                                          |
|                                                            |                                                                                    | 14 5M 25                                                                  | 05M2514                                                                 | 6F                                  | FL002                                                                             | 14                                                                             | 22,28  | 21,14  | 25,0 | 13,0 | -   | 30,5 | 36,0 | 6                                                                               | 0,070                                          |
|                                                            |                                                                                    | 15 5M 25                                                                  | 05M2515                                                                 | 6F                                  | FL004                                                                             | 15                                                                             | 23,87  | 22,73  | 28,0 | 16,0 | -   | 30,5 | 36,0 | 6                                                                               | 0,080                                          |
|                                                            |                                                                                    | 16 5M 25                                                                  | 05M2516                                                                 | 6F                                  | FL004                                                                             | 16                                                                             | 25,46  | 24,32  | 28,0 | 16,5 | -   | 30,5 | 36,0 | 6                                                                               | 0,100                                          |
|                                                            |                                                                                    | 18 5M 25                                                                  | 05M2518                                                                 | 6F                                  | FL006                                                                             | 18                                                                             | 28,65  | 27,51  | 32,0 | 20,0 | -   | 30,5 | 36,0 | 6                                                                               | 0,120                                          |
|                                                            |                                                                                    | 20 5M 25                                                                  | 05M2520                                                                 | 6F                                  | FL008                                                                             | 20                                                                             | 31,83  | 30,69  | 36,0 | 23,0 | -   | 30,5 | 36,0 | 6                                                                               | 0,160                                          |
|                                                            |                                                                                    | 21 5M 25                                                                  | 05M2521                                                                 | 6F                                  | FL009                                                                             | 21                                                                             | 33,42  | 32,28  | 38,0 | 24,0 | -   | 30,5 | 38,5 | 6                                                                               | 0,190                                          |
|                                                            |                                                                                    | 22 5M 25                                                                  | 05M2522                                                                 | 6F                                  | FL015                                                                             | 22                                                                             | 35,01  | 33,87  | 39,0 | 25,5 | -   | 30,5 | 38,5 | 6                                                                               | 0,210                                          |
|                                                            |                                                                                    | 24 5M 25                                                                  | 05M2524                                                                 | 6F                                  | FL013                                                                             | 24                                                                             | 38,20  | 37,06  | 42,0 | 27,0 | -   | 30,5 | 38,5 | 6                                                                               | 0,250                                          |
|                                                            |                                                                                    | 26 5M 25                                                                  | 05M2526                                                                 | 6F                                  | FL012                                                                             | 26                                                                             | 41,38  | 40,24  | 44,0 | 30,0 | -   | 30,5 | 38,5 | 6                                                                               | 0,300                                          |
|                                                            |                                                                                    | 28 5M 25                                                                  | 05M2528                                                                 | 6F                                  | FL011                                                                             | 28                                                                             | 44,56  | 43,42  | 48,0 | 30,5 | -   | 30,5 | 38,5 | 6                                                                               | 0,350                                          |
|                                                            |                                                                                    | 30 5M 25                                                                  | 05M2530                                                                 | 6F                                  | FL016                                                                             | 30                                                                             | 47,75  | 46,60  | 51,0 | 35,0 | -   | 30,5 | 38,5 | 6                                                                               | 0,420                                          |
|                                                            |                                                                                    | 32 5M 25                                                                  | 05M2532                                                                 | 6F                                  | FL018                                                                             | 32                                                                             | 50,93  | 49,79  | 54,0 | 38,0 | -   | 30,5 | 38,5 | 8                                                                               | 0,480                                          |
|                                                            |                                                                                    | 36 5M 25                                                                  | 05M2536                                                                 | 6F                                  | FL021                                                                             | 36                                                                             | 57,30  | 56,16  | 60,0 | 38,0 | -   | 30,5 | 38,5 | 8                                                                               | 0,590                                          |
|                                                            |                                                                                    | 40 5M 25                                                                  | 05M2540                                                                 | 6F                                  | FL025                                                                             | 40                                                                             | 63,66  | 62,52  | 71,0 | 38,0 | -   | 30,5 | 38,5 | 8                                                                               | 0,740                                          |
| Alluminio / Aluminium<br>Aluminium / Aluminium<br>Aluminio | senza flangia / without<br>flanges / ohne flanschen<br>sans flasques / sin tapetas | 44 5M 25                                                                  | 05M2544                                                                 | 6W                                  | -                                                                                 | 44                                                                             | 70,03  | 68,89  | -    | 38,0 | 54  | 30,5 | 40,5 | 8                                                                               | 0,320                                          |
|                                                            |                                                                                    | 48 5M 25                                                                  | 05M2548                                                                 | 6W                                  | -                                                                                 | 48                                                                             | 76,39  | 75,25  | -    | 45,0 | 61  | 30,5 | 40,5 | 8                                                                               | 0,275                                          |
|                                                            |                                                                                    | 60 5M 25                                                                  | 05M2560                                                                 | 6W                                  | -                                                                                 | 60                                                                             | 95,46  | 94,35  | -    | 45,0 | 80  | 30,5 | 40,5 | 8                                                                               | 0,435                                          |
|                                                            |                                                                                    | 72 5M 25                                                                  | 05M2572                                                                 | 6W                                  | -                                                                                 | 72                                                                             | 114,59 | 113,45 | -    | 45,0 | 100 | 30,5 | 40,5 | 8                                                                               | 0,525                                          |

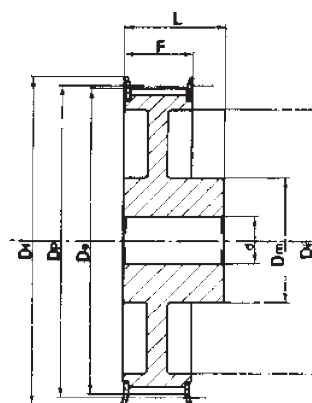




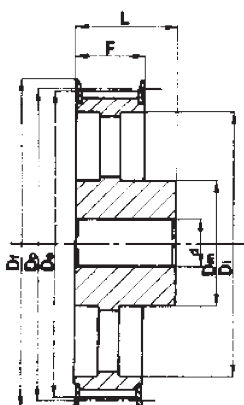
**Tipo / Type**  
**6**



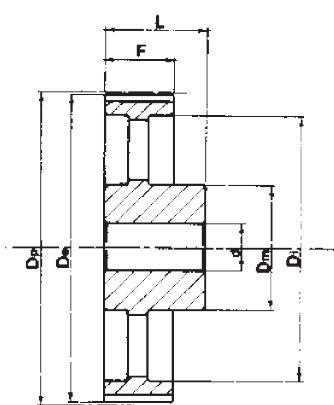
**Tipo / Type**  
**6F**



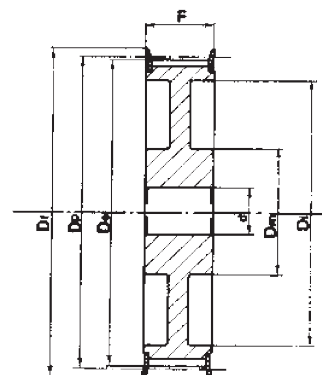
**Tipo / Type**  
**6WF**



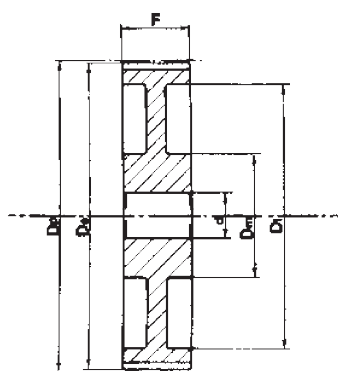
**Tipo / Type**  
**6AF**



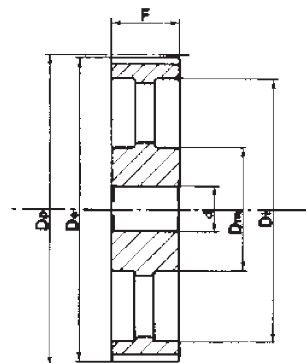
**Tipo / Type**  
**6A**



**Tipo / Type**  
**10WF**



**Tipo / Type**  
**10W**



**Tipo / Type**  
**10A**

**Pulegge dentate per cinghie HTD® / Timing belt pulleys HTD®**  
**HTD® Zahnriemenscheiben / Poulies dentées HTD®**  
**Poleas para correas dentadas HTD®**



## HTD® 8M-20

| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro código | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F  | L  | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|----|----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 22 8M 20                                                                  | 08M2022                                                                 | 6F                                  | FL053                                                                             | 22                                                                             | 56,02  | 54,65  | 60,0  | 43,0  | -   | 28 | 38 | 12 | 0,54                                           |
|                                                            |                                                                                    | 24 8M 20                                                                  | 08M2024                                                                 | 6F                                  | FL069                                                                             | 24                                                                             | 61,12  | 59,75  | 66,0  | 45,0  | -   | 28 | 38 | 12 | 0,65                                           |
|                                                            |                                                                                    | 26 8M 20                                                                  | 08M2026                                                                 | 6F                                  | FL061                                                                             | 26                                                                             | 66,21  | 64,84  | 70,0  | 48,0  | -   | 28 | 38 | 12 | 0,80                                           |
|                                                            |                                                                                    | 28 8M 20                                                                  | 08M2028                                                                 | 6F                                  | FL079                                                                             | 28                                                                             | 71,30  | 69,93  | 75,0  | 50,0  | -   | 28 | 38 | 15 | 0,87                                           |
|                                                            |                                                                                    | 30 8M 20                                                                  | 08M2030                                                                 | 6F                                  | FL073                                                                             | 30                                                                             | 76,39  | 75,02  | 83,0  | 55,0  | -   | 28 | 38 | 15 | 1,02                                           |
|                                                            |                                                                                    | 32 8M 20                                                                  | 08M2032                                                                 | 6F                                  | FL076                                                                             | 32                                                                             | 81,49  | 80,16  | 87,0  | 60,0  | -   | 28 | 38 | 15 | 1,20                                           |
|                                                            |                                                                                    | 34 8M 20                                                                  | 08M2034                                                                 | 6F                                  | FL066                                                                             | 34                                                                             | 86,58  | 85,22  | 91,0  | 70,0  | -   | 28 | 38 | 15 | 1,40                                           |
|                                                            |                                                                                    | 36 8M 20                                                                  | 08M2036                                                                 | 6F                                  | FL068                                                                             | 36                                                                             | 91,67  | 90,30  | 97,0  | 75,0  | -   | 28 | 38 | 15 | 1,55                                           |
|                                                            |                                                                                    | 38 8M 20                                                                  | 08M2038                                                                 | 6F                                  | FL070                                                                             | 38                                                                             | 96,77  | 95,39  | 102,0 | 75,0  | -   | 28 | 38 | 15 | 1,65                                           |
|                                                            |                                                                                    | 40 8M 20                                                                  | 08M2040                                                                 | 6F                                  | FL077                                                                             | 40                                                                             | 101,86 | 100,49 | 106,0 | 75,0  | -   | 28 | 38 | 15 | 1,74                                           |
|                                                            |                                                                                    | 44 8M 20                                                                  | 08M2044                                                                 | 6F                                  | FL075                                                                             | 44                                                                             | 112,05 | 110,67 | 120,0 | 75,0  | -   | 28 | 38 | 15 | 2,10                                           |
|                                                            |                                                                                    | 48 8M 20                                                                  | 08M2048                                                                 | 6F                                  | FL078                                                                             | 48                                                                             | 122,23 | 120,86 | 128,0 | 75,0  | -   | 28 | 38 | 15 | 2,44                                           |
|                                                            |                                                                                    | 56 8M 20                                                                  | 08M2056                                                                 | 6WF                                 | FL085                                                                             | 56                                                                             | 142,60 | 141,23 | 150,0 | 80,0  | 116 | 28 | 38 | 15 | 2,60                                           |
|                                                            |                                                                                    | 64 8M 20                                                                  | 08M2064                                                                 | 6WF                                 | FL090                                                                             | 64                                                                             | 162,97 | 161,60 | 168,0 | 80,0  | 137 | 28 | 38 | 15 | 2,90                                           |
|                                                            |                                                                                    | 72 8M 20                                                                  | 08M2072                                                                 | 6WF                                 | FL097                                                                             | 72                                                                             | 183,35 | 181,97 | 192,0 | 80,0  | 158 | 28 | 38 | 15 | 3,10                                           |
| Ghisa / Cast Iron<br>Grauguss / Fonte<br>Hierro fundido    | senza flangia / without<br>flanges / ohne Flanschen<br>sans flasques / sin tapetas | 80 8M 20                                                                  | 08M2080                                                                 | 6W                                  | -                                                                                 | 80                                                                             | 203,72 | 202,35 | -     | 90,0  | 180 | 28 | 38 | 15 | 3,80                                           |
|                                                            |                                                                                    | 90 8M 20                                                                  | 08M2090                                                                 | 6A                                  | -                                                                                 | 90                                                                             | 229,18 | 227,81 | -     | 90,0  | 204 | 28 | 38 | 15 | 4,20                                           |
|                                                            |                                                                                    | 112 8M 20                                                                 | 08M2011                                                                 | 6A                                  | -                                                                                 | 112                                                                            | 285,21 | 283,83 | -     | 90,0  | 254 | 28 | 38 | 18 | 5,20                                           |
|                                                            |                                                                                    | 144 8M 20                                                                 | 08M2014                                                                 | 6A                                  | -                                                                                 | 144                                                                            | 366,69 | 365,32 | -     | 90,0  | 336 | 28 | 38 | 20 | 7,50                                           |
|                                                            |                                                                                    | 168 8M 20                                                                 | 08M2016                                                                 | 6A                                  | -                                                                                 | 168                                                                            | 427,81 | 426,44 | -     | 100,0 | 400 | 28 | 38 | 20 | 10,00                                          |
|                                                            |                                                                                    | 192 8M 20                                                                 | 08M2019                                                                 | 6A                                  | -                                                                                 | 192                                                                            | 488,92 | 487,55 | -     | 100,0 | 460 | 28 | 38 | 20 | 14,40                                          |

## HTD® 8M 30

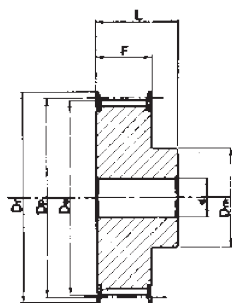
| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro código | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F  | L  | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|----|----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 22 8M 30                                                                  | 08M3022                                                                 | 6F                                  | FL053                                                                             | 22                                                                             | 56,02  | 54,65  | 60,0  | 43,0  | -   | 38 | 48 | 12 | 0,69                                           |
|                                                            |                                                                                    | 24 8M 30                                                                  | 08M3024                                                                 | 6F                                  | FL069                                                                             | 24                                                                             | 61,12  | 59,75  | 66,0  | 45,0  | -   | 38 | 48 | 12 | 0,84                                           |
|                                                            |                                                                                    | 26 8M 30                                                                  | 08M3026                                                                 | 6F                                  | FL061                                                                             | 26                                                                             | 66,21  | 64,84  | 70,0  | 48,0  | -   | 38 | 48 | 12 | 1,00                                           |
|                                                            |                                                                                    | 28 8M 30                                                                  | 08M3028                                                                 | 6F                                  | FL079                                                                             | 28                                                                             | 71,30  | 69,93  | 75,0  | 50,0  | -   | 38 | 48 | 15 | 1,12                                           |
|                                                            |                                                                                    | 30 8M 30                                                                  | 08M3030                                                                 | 6F                                  | FL073                                                                             | 30                                                                             | 76,39  | 75,02  | 83,0  | 55,0  | -   | 38 | 48 | 15 | 1,32                                           |
|                                                            |                                                                                    | 32 8M 30                                                                  | 08M3032                                                                 | 6F                                  | FL076                                                                             | 32                                                                             | 81,49  | 80,16  | 87,0  | 60,0  | -   | 38 | 48 | 15 | 1,53                                           |
|                                                            |                                                                                    | 34 8M 30                                                                  | 08M3034                                                                 | 6F                                  | FL066                                                                             | 34                                                                             | 86,58  | 85,22  | 91,0  | 70,0  | -   | 38 | 48 | 15 | 1,80                                           |
|                                                            |                                                                                    | 36 8M 30                                                                  | 08M3036                                                                 | 6F                                  | FL068                                                                             | 36                                                                             | 91,67  | 90,30  | 97,0  | 75,0  | -   | 38 | 48 | 15 | 1,99                                           |
|                                                            |                                                                                    | 38 8M 30                                                                  | 08M3038                                                                 | 6F                                  | FL070                                                                             | 38                                                                             | 96,77  | 95,39  | 102,0 | 75,0  | -   | 38 | 48 | 15 | 2,27                                           |
|                                                            |                                                                                    | 40 8M 30                                                                  | 08M3040                                                                 | 6F                                  | FL077                                                                             | 40                                                                             | 101,86 | 100,49 | 106,0 | 75,0  | -   | 38 | 48 | 15 | 2,40                                           |
|                                                            |                                                                                    | 44 8M 30                                                                  | 08M3044                                                                 | 6F                                  | FL075                                                                             | 44                                                                             | 112,05 | 110,67 | 120,0 | 75,0  | -   | 38 | 48 | 15 | 2,80                                           |
|                                                            |                                                                                    | 48 8M 30                                                                  | 08M3048                                                                 | 6F                                  | FL078                                                                             | 48                                                                             | 122,23 | 120,86 | 128,0 | 75,0  | -   | 38 | 48 | 15 | 3,20                                           |
|                                                            |                                                                                    | 56 8M 30                                                                  | 08M3056                                                                 | 6WF                                 | FL085                                                                             | 56                                                                             | 142,60 | 141,23 | 150,0 | 90,0  | 116 | 38 | 48 | 15 | 3,60                                           |
|                                                            |                                                                                    | 64 8M 30                                                                  | 08M3064                                                                 | 6WF                                 | FL090                                                                             | 64                                                                             | 162,97 | 161,60 | 168,0 | 90,0  | 137 | 38 | 48 | 15 | 4,30                                           |
|                                                            |                                                                                    | 72 8M 30                                                                  | 08M3072                                                                 | 6WF                                 | FL097                                                                             | 72                                                                             | 183,35 | 181,97 | 192,0 | 95,0  | 158 | 38 | 48 | 15 | 4,80                                           |
| Ghisa / Cast iron<br>Grauguss / Fonte<br>Hierro fundido    | senza flangia / without<br>flanges / ohne Flanschen<br>sans flasques / sin tapetas | 80 8M 30                                                                  | 08M3080                                                                 | 6W                                  | -                                                                                 | 80                                                                             | 203,72 | 202,35 | -     | 100,0 | 180 | 38 | 48 | 15 | 5,10                                           |
|                                                            |                                                                                    | 90 8M 30                                                                  | 08M3090                                                                 | 6A                                  | -                                                                                 | 90                                                                             | 229,18 | 227,81 | -     | 100,0 | 204 | 38 | 48 | 15 | 5,70                                           |
|                                                            |                                                                                    | 112 8M 30                                                                 | 08M3011                                                                 | 6A                                  | -                                                                                 | 112                                                                            | 285,21 | 283,83 | -     | 100,0 | 254 | 38 | 48 | 18 | 6,80                                           |
|                                                            |                                                                                    | 144 8M 30                                                                 | 08M3014                                                                 | 6A                                  | -                                                                                 | 144                                                                            | 366,69 | 365,32 | -     | 100,0 | 336 | 38 | 48 | 20 | 9,30                                           |
|                                                            |                                                                                    | 168 8M 30                                                                 | 08M3016                                                                 | 6A                                  | -                                                                                 | 168                                                                            | 427,81 | 426,44 | -     | 100,0 | 400 | 38 | 48 | 20 | 11,40                                          |
|                                                            |                                                                                    | 192 8M 30                                                                 | 08M3019                                                                 | 6A                                  | -                                                                                 | 192                                                                            | 488,92 | 487,55 | -     | 100,0 | 460 | 38 | 48 | 20 | 16,00                                          |

## HTD® 8M-50

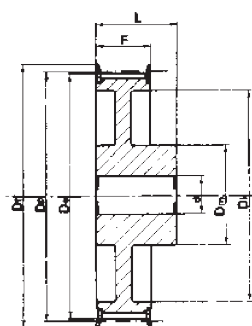
| Caratteristiche<br>Features<br>Merkmale<br>Características | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro código | Tipo<br>Type<br>Typ<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F  | L  | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|----|----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | 22 8M 50                                                                  | 08M5022                                                                 | 6F                          | FL053                                                                             | 22                                                                             | 56,02  | 54,65  | 60,0  | 43,0  | -   | 60 | 70 | 12 | 1,00                                           |
|                                                            | 24 8M 50                                                                  | 08M5024                                                                 | 6F                          | FL069                                                                             | 24                                                                             | 61,12  | 59,75  | 66,0  | 45,0  | -   | 60 | 70 | 12 | 1,23                                           |
|                                                            | 26 8M 50                                                                  | 08M5026                                                                 | 6F                          | FL061                                                                             | 26                                                                             | 66,21  | 64,84  | 70,0  | 48,0  | -   | 60 | 70 | 15 | 1,50                                           |
|                                                            | 28 8M 50                                                                  | 08M5028                                                                 | 6F                          | FL079                                                                             | 28                                                                             | 71,30  | 69,93  | 75,0  | 50,0  | -   | 60 | 70 | 15 | 1,67                                           |
|                                                            | 30 8M 50                                                                  | 08M5030                                                                 | 6F                          | FL073                                                                             | 30                                                                             | 76,39  | 75,02  | 83,0  | 55,0  | -   | 60 | 70 | 15 | 1,97                                           |
|                                                            | 32 8M 50                                                                  | 08M5032                                                                 | 6F                          | FL076                                                                             | 32                                                                             | 81,49  | 80,16  | 87,0  | 60,0  | -   | 60 | 70 | 15 | 2,27                                           |
|                                                            | 34 8M 50                                                                  | 08M5034                                                                 | 6F                          | FL066                                                                             | 34                                                                             | 86,58  | 85,22  | 91,0  | 70,0  | -   | 60 | 70 | 15 | 2,69                                           |
|                                                            | 36 8M 50                                                                  | 08M5036                                                                 | 6F                          | FL068                                                                             | 36                                                                             | 91,67  | 90,30  | 97,0  | 75,0  | -   | 60 | 70 | 15 | 2,97                                           |
|                                                            | 38 8M 50                                                                  | 08M5038                                                                 | 6F                          | FL070                                                                             | 38                                                                             | 96,77  | 95,39  | 102,0 | 75,0  | -   | 60 | 70 | 15 | 3,23                                           |
|                                                            | 40 8M 50                                                                  | 08M5040                                                                 | 6F                          | FL077                                                                             | 40                                                                             | 101,86 | 100,49 | 106,0 | 75,0  | -   | 60 | 70 | 18 | 3,50                                           |
|                                                            | 44 8M 50                                                                  | 08M5044                                                                 | 6F                          | FL075                                                                             | 44                                                                             | 112,05 | 110,67 | 120,0 | 75,0  | -   | 60 | 70 | 18 | 3,90                                           |
|                                                            | 48 8M 50                                                                  | 08M5048                                                                 | 6F                          | FL078                                                                             | 48                                                                             | 122,23 | 120,86 | 128,0 | 75,0  | -   | 60 | 70 | 18 | 4,30                                           |
|                                                            | 56 8M 50                                                                  | 08M5056                                                                 | 10WF                        | FL085                                                                             | 56                                                                             | 142,60 | 141,23 | 150,0 | 80,0  | 116 | 60 | 60 | 18 | 5,00                                           |
|                                                            | 64 8M 50                                                                  | 08M5064                                                                 | 10WF                        | FL090                                                                             | 64                                                                             | 162,97 | 161,60 | 168,0 | 80,0  | 137 | 60 | 60 | 18 | 5,60                                           |
|                                                            | 72 8M 50                                                                  | 08M5072                                                                 | 10WF                        | FL097                                                                             | 72                                                                             | 183,35 | 181,97 | 192,0 | 80,0  | 158 | 60 | 60 | 18 | 6,80                                           |
| Ghisa / Cast Iron<br>Grauguss / Fonte<br>Hiero fundido     | 80 8M 50                                                                  | 08M5080                                                                 | 10W                         | -                                                                                 | 80                                                                             | 203,72 | 202,35 | -     | 110,0 | 180 | 60 | 60 | 18 | 6,90                                           |
|                                                            | 90 8M 50                                                                  | 08M5090                                                                 | 10A                         | -                                                                                 | 90                                                                             | 229,18 | 227,81 | -     | 110,0 | 204 | 60 | 60 | 18 | 8,60                                           |
|                                                            | 112 8M 50                                                                 | 08M5011                                                                 | 10A                         | -                                                                                 | 112                                                                            | 285,21 | 283,83 | -     | 110,0 | 254 | 60 | 60 | 18 | 9,60                                           |
|                                                            | 144 8M 50                                                                 | 08M5014                                                                 | 10A                         | -                                                                                 | 144                                                                            | 366,69 | 365,32 | -     | 110,0 | 336 | 60 | 60 | 20 | 13,80                                          |
|                                                            | 168 8M 50                                                                 | 08M5016                                                                 | 10A                         | -                                                                                 | 168                                                                            | 427,81 | 426,44 | -     | 120,0 | 400 | 60 | 60 | 20 | 16,00                                          |
|                                                            | 192 8M 50                                                                 | 08M5019                                                                 | 10A                         | -                                                                                 | 192                                                                            | 488,92 | 487,55 | -     | 130,0 | 460 | 60 | 60 | 20 | 22,40                                          |

## HTD® 8M-85

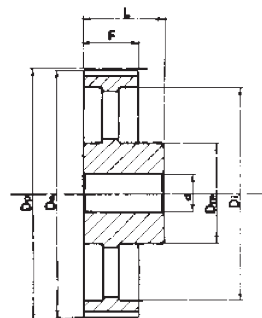
| Caratteristiche<br>Features<br>Merkmale<br>Características | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro código | Tipo<br>Type<br>Typ<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F  | L   | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|----|-----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | 22 8M 85                                                                  | 08M8522                                                                 | 6F                          | FL053                                                                             | 22                                                                             | 56,02  | 54,65  | 60,0  | 43,0  | -   | 95 | 105 | 12 | 1,55                                           |
|                                                            | 24 8M 85                                                                  | 08M8524                                                                 | 6F                          | FL069                                                                             | 24                                                                             | 61,12  | 59,75  | 66,0  | 45,0  | -   | 95 | 105 | 12 | 1,90                                           |
|                                                            | 26 8M 85                                                                  | 08M8526                                                                 | 6F                          | FL061                                                                             | 26                                                                             | 66,21  | 64,84  | 70,0  | 48,0  | -   | 95 | 105 | 12 | 2,25                                           |
|                                                            | 28 8M 85                                                                  | 08M8528                                                                 | 6F                          | FL079                                                                             | 28                                                                             | 71,30  | 69,93  | 75,0  | 50,0  | -   | 95 | 105 | 15 | 2,55                                           |
|                                                            | 30 8M 85                                                                  | 08M8530                                                                 | 6F                          | FL073                                                                             | 30                                                                             | 76,39  | 75,02  | 83,0  | 55,0  | -   | 95 | 105 | 15 | 3,00                                           |
|                                                            | 32 8M 85                                                                  | 08M8532                                                                 | 6F                          | FL076                                                                             | 32                                                                             | 81,49  | 80,16  | 87,0  | 60,0  | -   | 95 | 105 | 15 | 3,57                                           |
|                                                            | 34 8M 85                                                                  | 08M8534                                                                 | 6F                          | FL066                                                                             | 34                                                                             | 86,58  | 85,22  | 91,0  | 66,0  | -   | 95 | 105 | 15 | 4,00                                           |
|                                                            | 36 8M 85                                                                  | 08M8536                                                                 | 6F                          | FL068                                                                             | 36                                                                             | 91,67  | 90,30  | 97,0  | 70,0  | -   | 95 | 105 | 15 | 4,50                                           |
|                                                            | 38 8M 85                                                                  | 08M8538                                                                 | 6F                          | FL070                                                                             | 38                                                                             | 96,77  | 95,39  | 102,0 | 75,0  | -   | 95 | 105 | 15 | 5,00                                           |
|                                                            | 40 8M 85                                                                  | 08M8540                                                                 | 6F                          | FL077                                                                             | 40                                                                             | 101,86 | 100,49 | 106,0 | 75,0  | -   | 95 | 105 | 18 | 5,20                                           |
|                                                            | 44 8M 85                                                                  | 08M8544                                                                 | 6F                          | FL075                                                                             | 44                                                                             | 112,05 | 110,67 | 120,0 | 75,0  | -   | 95 | 105 | 18 | 6,60                                           |
|                                                            | 48 8M 85                                                                  | 08M8548                                                                 | 6F                          | FL078                                                                             | 48                                                                             | 122,23 | 120,86 | 128,0 | 80,0  | -   | 95 | 105 | 18 | 7,00                                           |
|                                                            | 56 8M 85                                                                  | 08M8556                                                                 | 6F                          | FL085                                                                             | 56                                                                             | 142,60 | 141,23 | 150,0 | 90,0  | -   | 95 | 105 | 18 | 10,00                                          |
|                                                            | 64 8M 85                                                                  | 08M8564                                                                 | 10WF                        | FL090                                                                             | 64                                                                             | 162,97 | 161,60 | 168,0 | 100,0 | 137 | 95 | 95  | 20 | 10,40                                          |
|                                                            | 72 8M 85                                                                  | 08M8572                                                                 | 10WF                        | FL097                                                                             | 72                                                                             | 183,35 | 181,97 | 192,0 | 100,0 | 158 | 95 | 95  | 20 | 11,40                                          |
| Ghisa / Cast Iron<br>Grauguss / Fonte<br>Hiero fundido     | 80 8M 85                                                                  | 08M8580                                                                 | 10W                         | -                                                                                 | 80                                                                             | 203,72 | 202,35 | -     | 110,0 | 180 | 95 | 95  | 20 | 11,10                                          |
|                                                            | 90 8M 85                                                                  | 08M8590                                                                 | 10A                         | -                                                                                 | 90                                                                             | 229,18 | 227,81 | -     | 110,0 | 204 | 95 | 95  | 20 | 12,20                                          |
|                                                            | 112 8M 85                                                                 | 08M8511                                                                 | 10A                         | -                                                                                 | 112                                                                            | 285,21 | 283,83 | -     | 110,0 | 254 | 95 | 95  | 24 | 15,00                                          |
|                                                            | 144 8M 85                                                                 | 08M8514                                                                 | 10A                         | -                                                                                 | 144                                                                            | 366,69 | 365,32 | -     | 110,0 | 336 | 95 | 95  | 24 | 21,50                                          |
|                                                            | 168 8M 85                                                                 | 08M8516                                                                 | 10A                         | -                                                                                 | 168                                                                            | 427,81 | 426,44 | -     | 120,0 | 400 | 95 | 95  | 24 | 24,10                                          |
|                                                            | 192 8M 85                                                                 | 08M8519                                                                 | 10A                         | -                                                                                 | 192                                                                            | 488,92 | 487,55 | -     | 130,0 | 460 | 95 | 95  | 24 | 30,60                                          |



**Tipo / Type**  
**6F**



**Tipo / Type**  
**6WF**



**Tipo / Type**  
**6A**

## HTD® 14M-40

| Caratteristiche<br>Features<br>Merkmale<br>Características | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro código | Tipo<br>Type<br>Typ<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F  | L  | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|----|----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | 28 14M 40                                                                 | 14M4028                                                                 | 6F                          | FL153                                                                             | 28                                                                             | 124,78 | 122,12 | 128,0 | 100,0 | -   | 54 | 69 | 24 | 4,73                                           |
|                                                            | 29 14M 40                                                                 | 14M4029                                                                 | 6F                          | FL154                                                                             | 29                                                                             | 129,23 | 126,57 | 138,0 | 100,0 | -   | 54 | 69 | 24 | 5,09                                           |
|                                                            | 30 14M 40                                                                 | 14M4030                                                                 | 6F                          | FL154                                                                             | 30                                                                             | 133,69 | 130,99 | 138,0 | 100,0 | -   | 54 | 69 | 24 | 5,45                                           |
|                                                            | 32 14M 40                                                                 | 14M4032                                                                 | 6F                          | FL160                                                                             | 32                                                                             | 142,60 | 139,88 | 154,0 | 100,0 | -   | 54 | 69 | 24 | 6,17                                           |
|                                                            | 34 14M 40                                                                 | 14M4034                                                                 | 6F                          | FL166                                                                             | 34                                                                             | 151,52 | 148,79 | 160,0 | 100,0 | -   | 54 | 69 | 24 | 6,88                                           |
|                                                            | 36 14M 40                                                                 | 14M4036                                                                 | 6F                          | FL168                                                                             | 36                                                                             | 160,43 | 157,68 | 168,0 | 100,0 | -   | 54 | 69 | 24 | 7,60                                           |
|                                                            | 38 14M 40                                                                 | 14M4038                                                                 | 6F                          | FL172                                                                             | 38                                                                             | 169,34 | 166,60 | 183,0 | 120,0 | -   | 54 | 69 | 24 | 8,28                                           |
|                                                            | 40 14M 40                                                                 | 14M4040                                                                 | 6F                          | FL162                                                                             | 40                                                                             | 178,25 | 175,49 | 188,0 | 120,0 | -   | 54 | 69 | 24 | 9,26                                           |
|                                                            | 44 14M 40                                                                 | 14M4044                                                                 | 6F                          | FL175                                                                             | 44                                                                             | 196,08 | 193,28 | 211,0 | 120,0 | -   | 54 | 69 | 24 | 10,32                                          |
| Ghisa / Cast iron<br>Grauguss / Fonte<br>Hierro fundido    | 48 14M 40                                                                 | 14M4048                                                                 | 6WF                         | FL180                                                                             | 48                                                                             | 213,90 | 211,11 | 226,0 | 135,0 | 170 | 54 | 69 | 24 | 11,50                                          |
|                                                            | 56 14M 40                                                                 | 14M4056                                                                 | 6WF                         | FL182                                                                             | 56                                                                             | 249,55 | 246,76 | 256,0 | 135,0 | 207 | 54 | 69 | 28 | 13,05                                          |
|                                                            | 64 14M 40                                                                 | 14M4064                                                                 | 6WF                         | FL184                                                                             | 64                                                                             | 285,21 | 282,41 | 296,0 | 135,0 | 240 | 54 | 69 | 28 | 14,40                                          |
|                                                            | 72 14M 40                                                                 | 14M4072                                                                 | 6A                          | -                                                                                 | 72                                                                             | 320,86 | 318,06 | -     | 135,0 | 280 | 54 | 69 | 28 | 16,90                                          |
|                                                            | 80 14M 40                                                                 | 14M4080                                                                 | 6A                          | -                                                                                 | 80                                                                             | 356,51 | 353,71 | -     | 135,0 | 314 | 54 | 69 | 28 | 18,50                                          |
|                                                            | 90 14M 40                                                                 | 14M4090                                                                 | 6A                          | -                                                                                 | 90                                                                             | 401,07 | 398,28 | -     | 135,0 | 358 | 54 | 69 | 28 | 20,00                                          |
|                                                            | 112 14M 40                                                                | 14M4011                                                                 | 6A                          | -                                                                                 | 112                                                                            | 499,11 | 496,32 | -     | 135,0 | 456 | 54 | 69 | 28 | 26,70                                          |
|                                                            | 144 14M 40                                                                | 14M4014                                                                 | 6A                          | -                                                                                 | 144                                                                            | 641,71 | 638,92 | -     | 135,0 | 600 | 54 | 69 | 28 | 35,00                                          |
|                                                            | 168 14M 40                                                                | 14M4016                                                                 | 6A                          | -                                                                                 | 168                                                                            | 748,66 | 745,87 | -     | 135,0 | 706 | 54 | 69 | 28 | 44,20                                          |
|                                                            | 192 14M 40                                                                | 14M4019                                                                 | 6A                          | -                                                                                 | 192                                                                            | 855,62 | 852,82 | -     | 135,0 | 813 | 54 | 69 | 28 | 52,20                                          |
|                                                            | 216 14M 40                                                                | 14M4021                                                                 | 6A                          | -                                                                                 | 216                                                                            | 962,57 | 959,76 | -     | 150,0 | 920 | 54 | 69 | 28 | 62,50                                          |

## HTD® 14M-55

| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F  | L  | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|----|----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 28 14M 55                                                                 | 14M5528                                                                 | 6F                                  | FL153                                                                             | 28                                                                             | 124,78 | 122,12 | 128,0 | 100,0 | -   | 70 | 85 | 24 | 5,60                                           |
|                                                            |                                                                                    | 29 14M 55                                                                 | 14M5529                                                                 | 6F                                  | FL154                                                                             | 29                                                                             | 129,23 | 126,57 | 138,0 | 100,0 | -   | 70 | 85 | 24 | 6,10                                           |
|                                                            |                                                                                    | 30 14M 55                                                                 | 14M5530                                                                 | 6F                                  | FL154                                                                             | 30                                                                             | 133,69 | 130,99 | 138,0 | 100,0 | -   | 70 | 85 | 24 | 6,60                                           |
|                                                            |                                                                                    | 32 14M 55                                                                 | 14M5532                                                                 | 6F                                  | FL160                                                                             | 32                                                                             | 142,60 | 139,88 | 154,0 | 100,0 | -   | 70 | 85 | 24 | 7,60                                           |
|                                                            |                                                                                    | 34 14M 55                                                                 | 14M5534                                                                 | 6F                                  | FL166                                                                             | 34                                                                             | 151,52 | 148,79 | 160,0 | 100,0 | -   | 70 | 85 | 24 | 8,60                                           |
|                                                            |                                                                                    | 36 14M 55                                                                 | 14M5536                                                                 | 6F                                  | FL168                                                                             | 36                                                                             | 160,43 | 157,68 | 168,0 | 100,0 | -   | 70 | 85 | 24 | 9,60                                           |
|                                                            |                                                                                    | 38 14M 55                                                                 | 14M5538                                                                 | 6F                                  | FL172                                                                             | 38                                                                             | 169,34 | 166,60 | 183,0 | 120,0 | -   | 70 | 85 | 24 | 10,80                                          |
|                                                            |                                                                                    | 40 14M 55                                                                 | 14M5540                                                                 | 6F                                  | FL162                                                                             | 40                                                                             | 178,25 | 175,49 | 188,0 | 120,0 | -   | 70 | 85 | 24 | 11,20                                          |
|                                                            |                                                                                    | 44 14M 55                                                                 | 14M5544                                                                 | 6F                                  | FL175                                                                             | 44                                                                             | 196,08 | 193,28 | 211,0 | 120,0 | -   | 70 | 85 | 24 | 12,50                                          |
| Ghisa / Cast iron<br>Grauguss / Fonte<br>Hierro fundido    | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 48 14M 55                                                                 | 14M5548                                                                 | 10WF                                | FL180                                                                             | 48                                                                             | 213,90 | 211,11 | 226,0 | 135,0 | 170 | 70 | 70 | 24 | 13,70                                          |
|                                                            |                                                                                    | 56 14M 55                                                                 | 14M5556                                                                 | 10WF                                | FL182                                                                             | 56                                                                             | 249,55 | 246,76 | 256,0 | 135,0 | 207 | 70 | 70 | 28 | 14,50                                          |
|                                                            |                                                                                    | 64 14M 55                                                                 | 14M5564                                                                 | 10WF                                | FL184                                                                             | 64                                                                             | 285,21 | 282,41 | 296,0 | 135,0 | 240 | 70 | 70 | 28 | 15,60                                          |
|                                                            | senza flangia / without<br>flanges / ohne Flanschen<br>sans flasques / sin tapetas | 72 14M 55                                                                 | 14M5572                                                                 | 10A                                 | -                                                                                 | 72                                                                             | 320,86 | 318,06 | -     | 135,0 | 280 | 70 | 70 | 28 | 16,90                                          |
|                                                            |                                                                                    | 80 14M 55                                                                 | 14M5580                                                                 | 10A                                 | -                                                                                 | 80                                                                             | 356,51 | 353,71 | -     | 135,0 | 314 | 70 | 70 | 28 | 20,00                                          |
|                                                            |                                                                                    | 90 14M 55                                                                 | 14M5590                                                                 | 10A                                 | -                                                                                 | 90                                                                             | 401,07 | 398,28 | -     | 135,0 | 358 | 70 | 70 | 28 | 22,60                                          |
|                                                            |                                                                                    | 112 14M 55                                                                | 14M5511                                                                 | 10A                                 | -                                                                                 | 112                                                                            | 499,11 | 496,32 | -     | 135,0 | 456 | 70 | 70 | 28 | 29,50                                          |
|                                                            |                                                                                    | 144 14M 55                                                                | 14M5514                                                                 | 10A                                 | -                                                                                 | 144                                                                            | 641,71 | 638,92 | -     | 135,0 | 600 | 70 | 70 | 28 | 39,00                                          |
|                                                            |                                                                                    | 168 14M 55                                                                | 14M5516                                                                 | 10A                                 | -                                                                                 | 168                                                                            | 748,66 | 745,87 | -     | 135,0 | 706 | 70 | 70 | 28 | 48,50                                          |
|                                                            |                                                                                    | 192 14M 55                                                                | 14M5519                                                                 | 10A                                 | -                                                                                 | 192                                                                            | 855,62 | 852,82 | -     | 135,0 | 813 | 70 | 70 | 28 | 57,80                                          |
|                                                            |                                                                                    | 216 14M 55                                                                | 14M5521                                                                 | 10A                                 | -                                                                                 | 216                                                                            | 962,57 | 959,76 | -     | 150,0 | 920 | 70 | 70 | 28 | 67,00                                          |

## HTD® 14M-85

| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F   | L   | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|-----|-----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 28 14M 85                                                                 | 14M8528                                                                 | 6F                                  | FL153                                                                             | 28                                                                             | 124,78 | 122,12 | 128,0 | 100,0 | -   | 102 | 117 | 24 | 7,70                                           |
|                                                            |                                                                                    | 29 14M 85                                                                 | 14M8529                                                                 | 6F                                  | FL154                                                                             | 29                                                                             | 129,23 | 126,57 | 138,0 | 100,0 | -   | 102 | 117 | 24 | 8,40                                           |
|                                                            |                                                                                    | 30 14M 85                                                                 | 14M8530                                                                 | 6F                                  | FL154                                                                             | 30                                                                             | 133,69 | 130,99 | 138,0 | 100,0 | -   | 102 | 117 | 24 | 9,10                                           |
|                                                            |                                                                                    | 32 14M 85                                                                 | 14M8532                                                                 | 6F                                  | FL160                                                                             | 32                                                                             | 142,60 | 139,88 | 154,0 | 100,0 | -   | 102 | 117 | 24 | 10,50                                          |
|                                                            |                                                                                    | 34 14M 85                                                                 | 14M8534                                                                 | 6F                                  | FL166                                                                             | 34                                                                             | 151,52 | 148,79 | 160,0 | 100,0 | -   | 102 | 117 | 24 | 11,90                                          |
|                                                            |                                                                                    | 36 14M 85                                                                 | 14M8536                                                                 | 6F                                  | FL168                                                                             | 36                                                                             | 160,43 | 157,68 | 168,0 | 100,0 | -   | 102 | 117 | 32 | 13,20                                          |
|                                                            |                                                                                    | 38 14M 85                                                                 | 14M8538                                                                 | 6F                                  | FL172                                                                             | 38                                                                             | 169,34 | 166,60 | 183,0 | 120,0 | -   | 102 | 117 | 32 | 15,15                                          |
|                                                            |                                                                                    | 40 14M 85                                                                 | 14M8540                                                                 | 6F                                  | FL162                                                                             | 40                                                                             | 178,25 | 175,49 | 188,0 | 135,0 | -   | 102 | 117 | 32 | 17,10                                          |
|                                                            |                                                                                    | 44 14M 85                                                                 | 14M8544                                                                 | 6F                                  | FL175                                                                             | 44                                                                             | 196,08 | 193,28 | 211,0 | 135,0 | -   | 102 | 117 | 32 | 23,30                                          |
|                                                            |                                                                                    | 48 14M 85                                                                 | 14M8548                                                                 | 6F                                  | FL180                                                                             | 48                                                                             | 213,90 | 211,11 | 226,0 | 150,0 | -   | 102 | 117 | 32 | 25,00                                          |
| Ghisa / Cast iron<br>Grauguss / Fonte<br>Hierro fundido    | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 56 14M 85                                                                 | 14M8556                                                                 | 10WF                                | FL182                                                                             | 56                                                                             | 249,55 | 246,76 | 256,0 | 150,0 | 207 | 102 | 102 | 32 | 25,00                                          |
|                                                            |                                                                                    | 64 14M 85                                                                 | 14M8564                                                                 | 10WF                                | FL184                                                                             | 64                                                                             | 285,21 | 282,41 | 296,0 | 150,0 | 240 | 102 | 102 | 32 | 30,50                                          |
|                                                            | senza flangia / without<br>flanges / ohne Flanschen<br>sans flasques / sin tapetas | 72 14M 85                                                                 | 14M8572                                                                 | 10A                                 | -                                                                                 | 72                                                                             | 320,86 | 318,06 | -     | 150,0 | 278 | 102 | 102 | 32 | 28,80                                          |
|                                                            |                                                                                    | 80 14M 85                                                                 | 14M8580                                                                 | 10A                                 | -                                                                                 | 80                                                                             | 356,51 | 353,71 | -     | 150,0 | 314 | 102 | 102 | 32 | 30,10                                          |
|                                                            |                                                                                    | 90 14M 85                                                                 | 14M8590                                                                 | 10A                                 | -                                                                                 | 90                                                                             | 401,07 | 398,28 | -     | 150,0 | 358 | 102 | 102 | 32 | 33,00                                          |
|                                                            |                                                                                    | 112 14M 85                                                                | 14M8511                                                                 | 10A                                 | -                                                                                 | 112                                                                            | 499,11 | 496,32 | -     | 150,0 | 456 | 102 | 102 | 32 | 41,80                                          |
|                                                            |                                                                                    | 144 14M 85                                                                | 14M8514                                                                 | 10A                                 | -                                                                                 | 144                                                                            | 641,71 | 638,92 | -     | 150,0 | 600 | 102 | 102 | 32 | 52,40                                          |
|                                                            |                                                                                    | 168 14M 85                                                                | 14M8516                                                                 | 10A                                 | -                                                                                 | 168                                                                            | 748,66 | 745,87 | -     | 150,0 | 706 | 102 | 102 | 32 | 60,30                                          |
|                                                            |                                                                                    | 192 14M 85                                                                | 14M8519                                                                 | 10A                                 | -                                                                                 | 192                                                                            | 855,62 | 852,82 | -     | 165,0 | 813 | 102 | 102 | 32 | 70,20                                          |
|                                                            |                                                                                    | 216 14M 85                                                                | 14M8521                                                                 | 10A                                 | -                                                                                 | 216                                                                            | 962,57 | 959,76 | -     | 160,0 | 920 | 102 | 102 | 32 | 81,00                                          |

**Pulegge dentate per cinghie HTD® / Timing belt pulleys HTD®**  
**HTD® Zahnriemenscheiben / Poulies dentées HTD®**  
**Poleas para correas dentadas HTD®**



## HTD® 14M-115

| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F   | L   | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|-----|-----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 28 14M 115                                                                | 14M1128                                                                 | 6F                                  | FL153                                                                             | 28                                                                             | 124,78 | 122,12 | 128,0 | 100,0 | -   | 133 | 148 | 32 | 9,20                                           |
|                                                            |                                                                                    | 29 14M 115                                                                | 14M1129                                                                 | 6F                                  | FL154                                                                             | 29                                                                             | 129,23 | 126,57 | 138,0 | 100,0 | -   | 133 | 148 | 32 | 10,20                                          |
|                                                            |                                                                                    | 30 14M 115                                                                | 14M1130                                                                 | 6F                                  | FL154                                                                             | 30                                                                             | 133,69 | 130,99 | 138,0 | 100,0 | -   | 133 | 148 | 32 | 11,20                                          |
|                                                            |                                                                                    | 32 14M 115                                                                | 14M1132                                                                 | 6F                                  | FL160                                                                             | 32                                                                             | 142,60 | 139,88 | 154,0 | 100,0 | -   | 133 | 148 | 32 | 13,20                                          |
|                                                            |                                                                                    | 34 14M 115                                                                | 14M1134                                                                 | 6F                                  | FL166                                                                             | 34                                                                             | 151,52 | 148,79 | 160,0 | 100,0 | -   | 133 | 148 | 32 | 14,80                                          |
|                                                            |                                                                                    | 36 14M 115                                                                | 14M1136                                                                 | 6F                                  | FL168                                                                             | 36                                                                             | 160,43 | 157,68 | 168,0 | 100,0 | -   | 133 | 148 | 32 | 16,60                                          |
|                                                            |                                                                                    | 38 14M 115                                                                | 14M1138                                                                 | 6F                                  | FL172                                                                             | 38                                                                             | 169,34 | 166,60 | 183,0 | 120,0 | -   | 133 | 148 | 32 | 19,20                                          |
|                                                            |                                                                                    | 40 14M 115                                                                | 14M1140                                                                 | 6F                                  | FL162                                                                             | 40                                                                             | 178,25 | 175,49 | 188,0 | 135,0 | -   | 133 | 148 | 32 | 20,56                                          |
|                                                            |                                                                                    | 44 14M 115                                                                | 14M1144                                                                 | 6F                                  | FL175                                                                             | 44                                                                             | 196,08 | 193,28 | 211,0 | 140,0 | -   | 133 | 148 | 32 | 21,93                                          |
|                                                            |                                                                                    | 48 14M 115                                                                | 14M1148                                                                 | 6F                                  | FL180                                                                             | 48                                                                             | 213,90 | 211,11 | 226,0 | 150,0 | -   | 133 | 148 | 32 | 25,00                                          |
|                                                            |                                                                                    | 56 14M 115                                                                | 14M1156                                                                 | 6F                                  | FL182                                                                             | 56                                                                             | 249,55 | 246,76 | 256,0 | 150,0 | -   | 133 | 148 | 32 | 27,50                                          |
|                                                            |                                                                                    | 64 14M 115                                                                | 14M1164                                                                 | 10WF                                | FL184                                                                             | 64                                                                             | 285,21 | 282,41 | 296,0 | 150,0 | 240 | 133 | 133 | 32 | 30,10                                          |
| Ghisa / Cast iron<br>Grauguss / Fonte<br>Hierro fundido    | senza flangia / without<br>flanges / ohne Flanschen<br>sans flasques / sin tapetas | 72 14M 115                                                                | 14M1172                                                                 | 10A                                 | -                                                                                 | 72                                                                             | 320,86 | 318,06 | -     | 150,0 | 278 | 133 | 133 | 32 | 32,83                                          |
|                                                            |                                                                                    | 80 14M 115                                                                | 14M1180                                                                 | 10A                                 | -                                                                                 | 80                                                                             | 356,51 | 353,71 | -     | 150,0 | 314 | 133 | 133 | 32 | 35,55                                          |
|                                                            |                                                                                    | 90 14M 115                                                                | 14M1190                                                                 | 10A                                 | -                                                                                 | 90                                                                             | 401,07 | 398,28 | -     | 150,0 | 358 | 133 | 133 | 32 | 41,00                                          |
|                                                            |                                                                                    | 112 14M 115                                                               | 14M1111                                                                 | 10A                                 | -                                                                                 | 112                                                                            | 499,11 | 496,32 | -     | 150,0 | 456 | 133 | 133 | 32 | 54,40                                          |
|                                                            |                                                                                    | 144 14M 115                                                               | 14M1114                                                                 | 10A                                 | -                                                                                 | 144                                                                            | 641,71 | 638,92 | -     | 165,0 | 600 | 133 | 133 | 32 | 67,80                                          |
|                                                            |                                                                                    | 168 14M 115                                                               | 14M1116                                                                 | 10A                                 | -                                                                                 | 168                                                                            | 748,66 | 745,87 | -     | 165,0 | 706 | 133 | 133 | 32 | 75,80                                          |
|                                                            |                                                                                    | 192 14M 115                                                               | 14M1119                                                                 | 10A                                 | -                                                                                 | 192                                                                            | 855,62 | 852,82 | -     | 165,0 | 813 | 133 | 133 | 32 | 88,30                                          |
|                                                            |                                                                                    | 216 14M 115                                                               | 14M1121                                                                 | 10A                                 | -                                                                                 | 216                                                                            | 962,57 | 959,76 | -     | 165,0 | 920 | 133 | 133 | 32 | 98,00                                          |

## HTD® 14M-170

| Caratteristiche<br>Features<br>Merkmale<br>Características |                                                                                    | Codice<br>Code symbol<br>Bezeichnung<br>Code symbole<br>Numero de fabrica | Nostro codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro codigo | Tipo<br>Type<br>Typ<br>Type<br>Tipo | Codice flangia<br>Flange code<br>Bordscheiben Typ<br>Code flasque<br>Código brida | N. denti<br>N. of teeth<br>Zähnezahl<br>N. bre de dents<br>Cantidad de dientes | Dp     | De     | Df    | Dm    | Di  | F   | L   | d  | Peso<br>Weight / Gewicht<br>Poids / Peso<br>Kg |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------|-------|-------|-----|-----|-----|----|------------------------------------------------|
| Acciaio / Steel / Stahl<br>Acier / Acero                   | con flangia / with flanges<br>mit Flanges / avec flasques<br>con tapetas           | 28 14M 170                                                                | 14M1728                                                                 | 6F                                  | FL153                                                                             | 28                                                                             | 124,78 | 122,12 | 128,0 | 100,0 | -   | 187 | 202 | 32 | 9,20                                           |
|                                                            |                                                                                    | 29 14M 170                                                                | 14M1729                                                                 | 6F                                  | FL154                                                                             | 29                                                                             | 129,23 | 126,57 | 138,0 | 100,0 | -   | 187 | 202 | 32 | 10,20                                          |
|                                                            |                                                                                    | 30 14M 170                                                                | 14M1730                                                                 | 6F                                  | FL154                                                                             | 30                                                                             | 133,69 | 130,99 | 138,0 | 100,0 | -   | 187 | 202 | 32 | 11,20                                          |
|                                                            |                                                                                    | 32 14M 170                                                                | 14M1732                                                                 | 6F                                  | FL160                                                                             | 32                                                                             | 142,60 | 139,88 | 154,0 | 100,0 | -   | 187 | 202 | 32 | 13,20                                          |
|                                                            |                                                                                    | 34 14M 170                                                                | 14M1734                                                                 | 6F                                  | FL166                                                                             | 34                                                                             | 151,52 | 148,79 | 160,0 | 100,0 | -   | 187 | 202 | 32 | 14,80                                          |
|                                                            |                                                                                    | 36 14M 170                                                                | 14M1736                                                                 | 6F                                  | FL168                                                                             | 36                                                                             | 160,43 | 157,68 | 168,0 | 100,0 | -   | 187 | 202 | 32 | 16,60                                          |
|                                                            |                                                                                    | 38 14M 170                                                                | 14M1738                                                                 | 6F                                  | FL172                                                                             | 38                                                                             | 169,34 | 166,60 | 183,0 | 120,0 | -   | 187 | 202 | 32 | 19,20                                          |
|                                                            |                                                                                    | 40 14M 170                                                                | 14M1740                                                                 | 6F                                  | FL162                                                                             | 40                                                                             | 178,25 | 175,49 | 188,0 | 135,0 | -   | 187 | 202 | 32 | 20,56                                          |
|                                                            |                                                                                    | 44 14M 170                                                                | 14M1744                                                                 | 6F                                  | FL175                                                                             | 44                                                                             | 196,08 | 193,28 | 211,0 | 140,0 | -   | 187 | 202 | 32 | 21,93                                          |
|                                                            |                                                                                    | 48 14M 170                                                                | 14M1748                                                                 | 6F                                  | FL180                                                                             | 48                                                                             | 213,90 | 211,11 | 226,0 | 150,0 | -   | 187 | 202 | 32 | 25,00                                          |
|                                                            |                                                                                    | 56 14M 170                                                                | 14M1756                                                                 | 6F                                  | FL182                                                                             | 56                                                                             | 249,55 | 246,76 | 256,0 | 150,0 | -   | 187 | 202 | 32 | 27,50                                          |
|                                                            |                                                                                    | 64 14M 170                                                                | 14M1764                                                                 | 10WF                                | FL184                                                                             | 64                                                                             | 285,21 | 282,41 | 296,0 | 150,0 | 240 | 187 | 187 | 32 | 30,10                                          |
| Ghisa / Cast Iron<br>Grauguss / Fonte<br>Hierro fundido    | senza flangia / without<br>flanges / ohne Flanschen<br>sans flasques / sin tapetas | 72 14M 170                                                                | 14M1772                                                                 | 10A                                 | -                                                                                 | 72                                                                             | 320,86 | 318,06 | -     | 150,0 | 278 | 187 | 187 | 32 | 32,83                                          |
|                                                            |                                                                                    | 80 14M 170                                                                | 14M1780                                                                 | 10A                                 | -                                                                                 | 80                                                                             | 356,51 | 353,71 | -     | 150,0 | 314 | 187 | 187 | 32 | 35,55                                          |
|                                                            |                                                                                    | 90 14M 170                                                                | 14M1790                                                                 | 10A                                 | -                                                                                 | 90                                                                             | 401,07 | 398,28 | -     | 150,0 | 358 | 187 | 187 | 32 | 41,00                                          |
|                                                            |                                                                                    | 112 14M 170                                                               | 14M1711                                                                 | 10A                                 | -                                                                                 | 112                                                                            | 499,11 | 496,32 | -     | 150,0 | 456 | 187 | 187 | 32 | 54,40                                          |
|                                                            |                                                                                    | 144 14M 170                                                               | 14M1714                                                                 | 10A                                 | -                                                                                 | 144                                                                            | 641,71 | 638,92 | -     | 165,0 | 600 | 187 | 187 | 32 | 67,80                                          |
|                                                            |                                                                                    | 168 14M 170                                                               | 14M1716                                                                 | 10A                                 | -                                                                                 | 168                                                                            | 748,66 | 745,87 | -     | 165,0 | 706 | 187 | 187 | 32 | 75,80                                          |
|                                                            |                                                                                    | 192 14M 170                                                               | 14M1719                                                                 | 10A                                 | -                                                                                 | 192                                                                            | 855,62 | 852,82 | -     | 165,0 | 813 | 187 | 187 | 32 | 88,30                                          |
|                                                            |                                                                                    | 216 14M 170                                                               | 14M1721                                                                 | 10A                                 | -                                                                                 | 216                                                                            | 962,57 | 959,76 | -     | 165,0 | 920 | 187 | 187 | 32 | 98,00                                          |