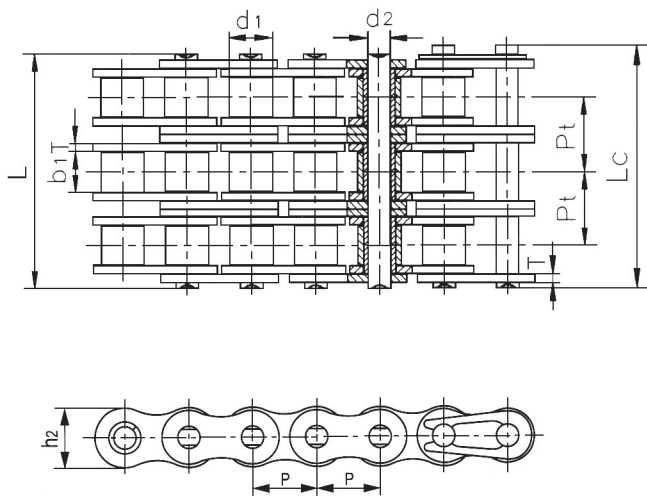
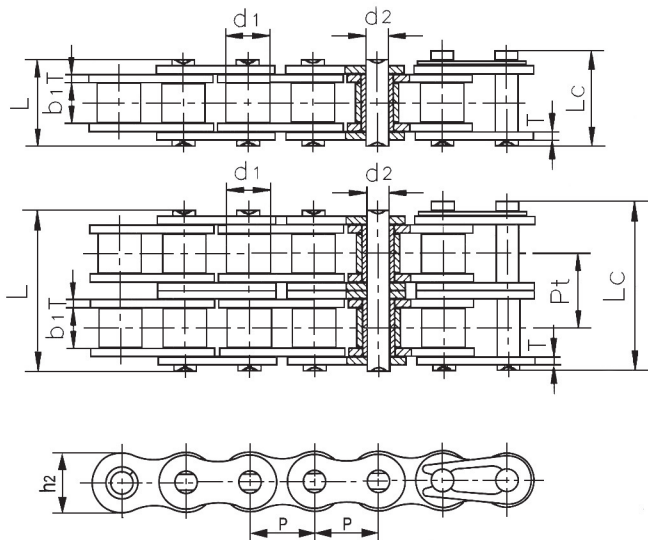


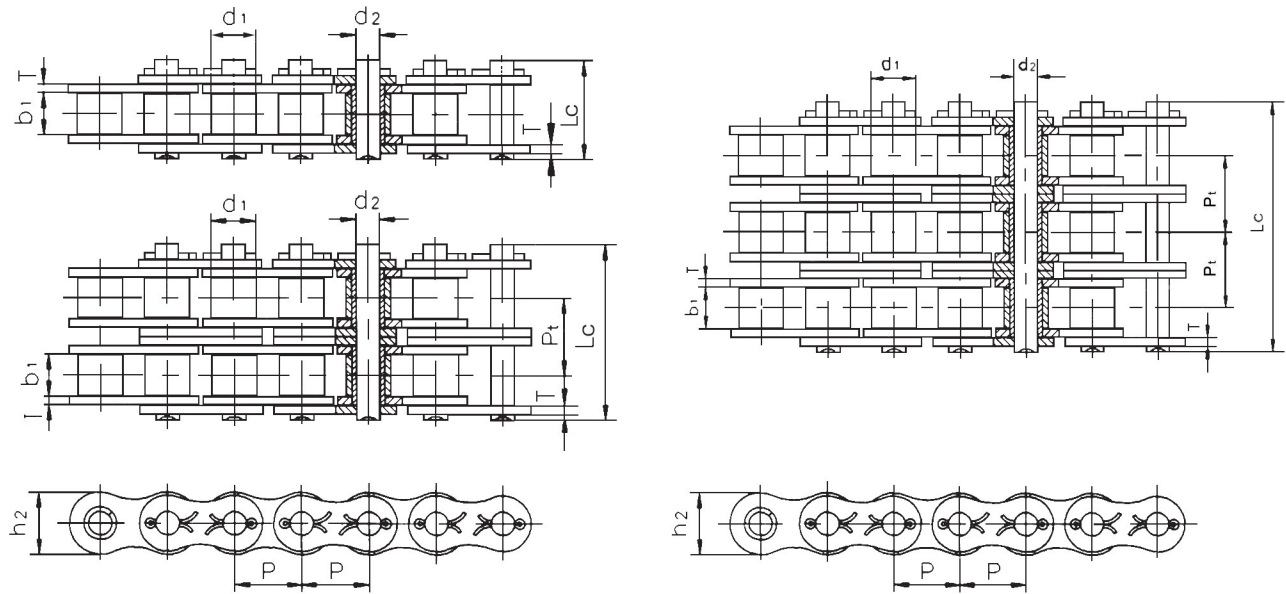
Heavy duty series  
roller chains



| DIN/ISO<br>Chain<br>No. | ANSI<br>Chain<br>No. | Pitch  | Roller<br>diameter    | Width<br>between<br>inner plates | Pin<br>diameter       | Pin<br>length |                       | Inner<br>plate<br>depth | Plate<br>thick-<br>ness | Transverse<br>pitch | Ultimate<br>tensile<br>strength | Average<br>tensile<br>strength | Weight<br>per<br>meter |
|-------------------------|----------------------|--------|-----------------------|----------------------------------|-----------------------|---------------|-----------------------|-------------------------|-------------------------|---------------------|---------------------------------|--------------------------------|------------------------|
|                         |                      | P      | d <sub>1</sub><br>max | b <sub>1</sub><br>min            | d <sub>2</sub><br>max | L<br>max      | L <sub>c</sub><br>max | h <sub>2</sub><br>max   | T<br>max                | P <sub>t</sub>      | Q <sub>min</sub>                | Q <sub>0</sub>                 | q                      |
|                         |                      | mm     | mm                    | mm                               | mm                    | mm            | mm                    | mm                      | mm                      | mm                  | kN/LB                           | kN                             | kg/m                   |
|                         | *35H                 | 9.525  | 5.08                  | 4.77                             | 3.58                  | 13.3          | 14.3                  | 9.0                     | 1.5                     |                     | 7.9/1795                        | 10.8                           | 0.41                   |
| 08AH-1                  | 40H                  | 12.700 | 7.95                  | 7.85                             | 3.96                  | 18.8          | 19.9                  | 12.00                   | 2.03                    |                     | 14.1/3205                       | 19.1                           | 0.82                   |
| 10AH-1                  | 50H                  | 15.875 | 10.16                 | 9.40                             | 5.08                  | 22.1          | 23.4                  | 15.09                   | 2.42                    |                     | 22.2/5045                       | 30.2                           | 1.25                   |
| 12AH-1                  | 60H                  | 19.050 | 11.91                 | 12.57                            | 5.94                  | 29.2          | 31.0                  | 18.00                   | 3.25                    |                     | 31.8/7227                       | 42.7                           | 1.87                   |
| 16AH-1                  | 80H                  | 25.400 | 15.88                 | 15.75                            | 7.92                  | 36.2          | 37.7                  | 24.00                   | 4.00                    |                     | 56.7/12886                      | 71.4                           | 3.10                   |
| 20AH-1                  | 100H                 | 31.750 | 19.05                 | 18.90                            | 9.53                  | 43.6          | 46.9                  | 30.00                   | 4.80                    |                     | 88.5/20114                      | 112.4                          | 4.52                   |
| 24AH-1                  | 120H                 | 38.100 | 22.23                 | 25.22                            | 11.10                 | 53.5          | 57.5                  | 35.70                   | 5.60                    |                     | 127.0/28864                     | 160.9                          | 6.60                   |
| 28AH-1                  | 140H                 | 44.450 | 25.40                 | 25.22                            | 12.70                 | 57.6          | 62.2                  | 41.00                   | 6.40                    |                     | 172.4/39182                     | 217.3                          | 8.30                   |
| 32AH-1                  | 160H                 | 50.800 | 28.58                 | 31.55                            | 14.27                 | 68.2          | 73.0                  | 47.80                   | 7.20                    |                     | 226.8/51545                     | 285.8                          | 10.30                  |
| 40AH-1                  | 200H                 | 63.500 | 39.68                 | 37.85                            | 19.85                 | 86.6          | 93.5                  | 60.00                   | 9.50                    |                     | 353.8/80409                     | 444.5                          | 19.16                  |
| 12AH-2                  | 60H-2                | 19.050 | 11.91                 | 12.57                            | 5.94                  | 55.3          | 57.1                  | 18.00                   | 3.25                    | 26.11               | 63.6/14455                      | 84.5                           | 3.71                   |
| 16AH-2                  | 80H-2                | 25.400 | 15.88                 | 15.75                            | 7.92                  | 68.8          | 70.3                  | 24.00                   | 4.00                    | 32.59               | 113.4/25773                     | 145.3                          | 6.15                   |
| 20AH-2                  | 100H-2               | 31.750 | 19.05                 | 18.90                            | 9.53                  | 82.7          | 86.0                  | 30.00                   | 4.80                    | 39.09               | 177.0/40227                     | 225.9                          | 9.03                   |
| 24AH-2                  | 120H-2               | 38.100 | 22.23                 | 25.22                            | 11.10                 | 102.4         | 106.4                 | 35.70                   | 5.60                    | 48.87               | 254.0/57727                     | 322.7                          | 13.13                  |
| 28AH-2                  | 140H-2               | 44.450 | 25.40                 | 25.22                            | 12.70                 | 109.8         | 114.4                 | 41.00                   | 6.40                    | 52.20               | 344.8/78364                     | 437.7                          | 16.60                  |
| 32AH-2                  | 160H-2               | 50.800 | 28.58                 | 31.55                            | 14.27                 | 130.1         | 134.9                 | 47.80                   | 7.20                    | 61.90               | 453.6/103091                    | 571.6                          | 20.20                  |
| 40AH-2                  | 200H-2               | 63.500 | 39.68                 | 37.85                            | 19.85                 | 164.9         | 171.8                 | 60.00                   | 9.50                    | 78.31               | 707.6/160818                    | 894.9                          | 38.11                  |
| 12AH-3                  | 60H-3                | 19.050 | 11.91                 | 12.57                            | 5.94                  | 81.4          | 83.2                  | 18.00                   | 3.25                    | 26.11               | 95.4/21682                      | 113.9                          | 5.54                   |
| 16AH-3                  | 80H-3                | 25.400 | 15.88                 | 15.75                            | 7.92                  | 101.4         | 102.9                 | 24.00                   | 4.00                    | 32.59               | 170.1/38659                     | 203.5                          | 9.42                   |
| 20AH-3                  | 100H-3               | 31.750 | 19.05                 | 18.90                            | 9.53                  | 121.8         | 125.1                 | 30.00                   | 4.80                    | 39.09               | 265.5/60341                     | 314.8                          | 12.96                  |
| 24AH-3                  | 120H-3               | 38.100 | 22.23                 | 25.22                            | 11.10                 | 151.2         | 155.2                 | 35.70                   | 5.60                    | 48.87               | 381.0/86591                     | 444.7                          | 19.64                  |
| 28AH-3                  | 140H-3               | 44.450 | 25.40                 | 25.22                            | 12.70                 | 162.0         | 166.6                 | 41.00                   | 6.40                    | 52.20               | 517.2/117545                    | 598.4                          | 24.90                  |
| 32AH-3                  | 160H-3               | 50.800 | 28.58                 | 31.55                            | 14.27                 | 192.0         | 196.8                 | 47.80                   | 7.20                    | 61.90               | 680.4/154636                    | 787.3                          | 30.10                  |
| 40AH-3                  | 200H-3               | 63.500 | 39.68                 | 37.85                            | 19.85                 | 243.2         | 250.1                 | 60.00                   | 9.50                    | 78.31               | 1061.4/241227                   | 1228.2                         | 57.06                  |

\*Bushing chain: d<sub>1</sub> in the table indicate the external diameter of the bushing.

# Heavy duty series cottered type roller chains



| DIN/ISO<br>Chain<br>No. | ANSI<br>Chain<br>No. | Pitch  | Roller<br>diameter    | Width<br>between<br>inner plates | Pin<br>diameter       | Pin<br>length         | Inner<br>plate<br>depth | Plate<br>thick-<br>ness | Transverse<br>pitch | Ultimate<br>tensile<br>strength | Average<br>tensile<br>strength | Weight<br>per<br>meter |
|-------------------------|----------------------|--------|-----------------------|----------------------------------|-----------------------|-----------------------|-------------------------|-------------------------|---------------------|---------------------------------|--------------------------------|------------------------|
|                         |                      | P      | d <sub>1</sub><br>max | b <sub>1</sub><br>min            | d <sub>2</sub><br>max | L <sub>c</sub><br>max | h <sub>2</sub><br>max   | T<br>max                | P <sub>1</sub>      | Q<br>min                        | Q <sub>0</sub>                 | q                      |
|                         |                      | mm     | mm                    | mm                               | mm                    | mm                    | mm                      | mm                      | mm                  | kN/LB                           | kN                             | kg/m                   |
| 10AH-1                  | 50H                  | 15.875 | 10.16                 | 9.40                             | 5.08                  | 24.4                  | 15.09                   | 2.42                    |                     | 22.2/5045                       | 30.2                           | 1.25                   |
| 12AH-1                  | 60H                  | 19.050 | 11.91                 | 12.57                            | 5.94                  | 31.6                  | 18.00                   | 3.25                    |                     | 31.8/7227                       | 42.7                           | 1.87                   |
| 16AH-1                  | 80H                  | 25.400 | 15.88                 | 15.75                            | 7.92                  | 39.4                  | 24.00                   | 4.00                    |                     | 56.7/12886                      | 71.4                           | 3.10                   |
| 20AH-1                  | 100H                 | 31.750 | 19.05                 | 18.90                            | 9.53                  | 46.9                  | 30.00                   | 4.80                    |                     | 88.5/20114                      | 112.4                          | 4.52                   |
| 24AH-1                  | 120H                 | 38.100 | 22.23                 | 25.22                            | 11.10                 | 57.5                  | 35.70                   | 5.60                    |                     | 127.0/28864                     | 160.9                          | 6.60                   |
| 28AH-1                  | 140H                 | 44.450 | 25.40                 | 25.22                            | 12.70                 | 62.2                  | 41.00                   | 6.40                    |                     | 172.4/39182                     | 217.3                          | 8.30                   |
| 32AH-1                  | 160H                 | 50.800 | 28.58                 | 31.55                            | 14.27                 | 73.0                  | 47.80                   | 7.20                    |                     | 226.8/51545                     | 285.8                          | 10.30                  |
| 40AH-1                  | 200H                 | 63.500 | 39.68                 | 37.85                            | 19.85                 | 93.5                  | 60.00                   | 9.50                    |                     | 353.8/80409                     | 444.5                          | 19.16                  |
| 12AH-2                  | 60H-2                | 19.050 | 11.91                 | 12.57                            | 5.94                  | 57.7                  | 18.00                   | 3.25                    | 26.11               | 63.6/14454                      | 84.5                           | 3.71                   |
| 16AH-2                  | 80H-2                | 25.400 | 15.88                 | 15.75                            | 7.92                  | 72.0                  | 24.00                   | 4.00                    | 32.59               | 113.4/25773                     | 145.3                          | 6.15                   |
| 20AH-2                  | 100H-2               | 31.750 | 19.05                 | 18.90                            | 9.53                  | 86.0                  | 30.00                   | 4.80                    | 39.09               | 177.0/40227                     | 225.9                          | 9.03                   |
| 24AH-2                  | 120H-2               | 38.100 | 22.23                 | 25.22                            | 11.10                 | 106.4                 | 35.70                   | 5.60                    | 48.87               | 254.0/57727                     | 322.7                          | 13.13                  |
| 28AH-2                  | 140H-2               | 44.450 | 25.40                 | 25.22                            | 12.70                 | 114.4                 | 41.00                   | 6.40                    | 52.20               | 344.8/78364                     | 437.7                          | 16.60                  |
| 32AH-2                  | 160H-2               | 50.800 | 28.58                 | 31.55                            | 14.27                 | 134.9                 | 47.80                   | 7.20                    | 61.90               | 453.6/103091                    | 571.6                          | 20.20                  |
| 40AH-2                  | 200H-2               | 63.500 | 39.68                 | 37.85                            | 19.85                 | 171.8                 | 60.00                   | 9.50                    | 78.31               | 707.6/160818                    | 894.9                          | 31.11                  |
| 12AH-3                  | 60H-3                | 19.050 | 11.91                 | 12.57                            | 5.94                  | 83.8                  | 18.00                   | 3.25                    | 26.11               | 95.4/21682                      | 113.9                          | 5.54                   |
| 16AH-3                  | 80H-3                | 25.400 | 15.88                 | 15.75                            | 7.92                  | 104.6                 | 24.00                   | 4.00                    | 32.59               | 170.1/38659                     | 203.5                          | 9.42                   |
| 20AH-3                  | 100H-3               | 31.750 | 19.05                 | 18.90                            | 9.53                  | 125.1                 | 30.00                   | 4.80                    | 39.09               | 265.5/60341                     | 314.8                          | 12.96                  |
| 24AH-3                  | 120H-3               | 38.100 | 22.23                 | 25.22                            | 11.10                 | 155.2                 | 35.70                   | 5.60                    | 48.87               | 381.0/86591                     | 444.7                          | 19.64                  |
| 28AH-3                  | 140H-3               | 44.450 | 25.40                 | 25.22                            | 12.70                 | 166.6                 | 41.00                   | 6.40                    | 52.20               | 517.2/117545                    | 598.4                          | 24.90                  |
| 32AH-3                  | 160H-3               | 50.800 | 28.58                 | 31.55                            | 14.27                 | 196.8                 | 47.80                   | 7.20                    | 61.90               | 680.4/154636                    | 787.3                          | 30.10                  |
| 40AH-3                  | 200H-3               | 63.500 | 39.68                 | 37.85                            | 19.85                 | 250.1                 | 60.00                   | 9.50                    | 78.31               | 1061.4/241227                   | 1228.2                         | 57.06                  |