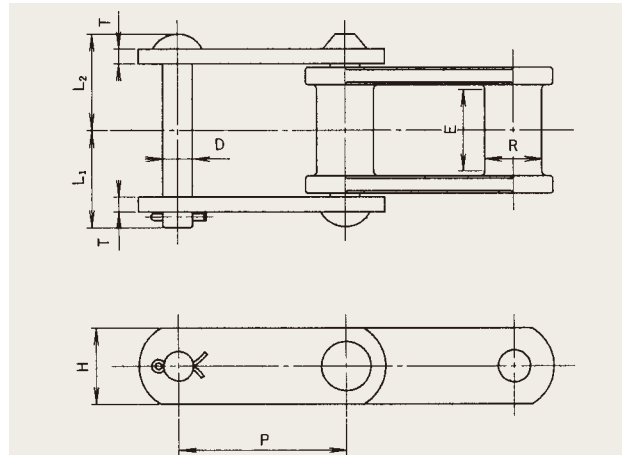
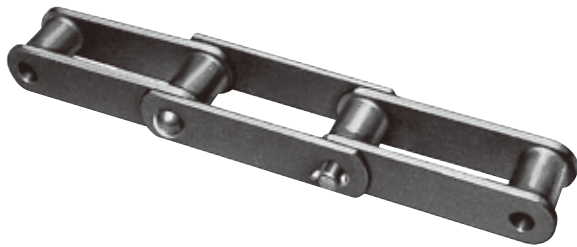
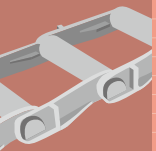


## Combination Chains

Combination chains are comprised of cast blocks and steel plate links, and are used in a wide variety of applications.

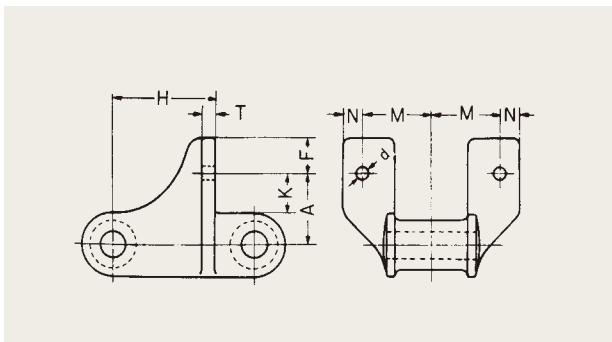


| Chain No. | Pitch P |       | Dimensions (mm) |                |      |      |    |      |      | No. of Links in one Length | Average Tensile Strength |       | Maximum Allowable Strength |       | Mass (kg) |       |
|-----------|---------|-------|-----------------|----------------|------|------|----|------|------|----------------------------|--------------------------|-------|----------------------------|-------|-----------|-------|
|           | (mm)    | (in)  | L <sub>1</sub>  | L <sub>2</sub> | D    | R    | E  | H    | T    |                            | (kN)                     | (kgf) | (kN)                       | (kgf) | 1 Length  | 1 m   |
| C102B     | 101.60  | 4.000 | 57.8            | 52.2           | 15.9 | 25.4 | 43 | 38.0 | 9.5  | 30                         | 107                      | 10890 | 17.7                       | 1810  | 29.1      | 9.7   |
| C102½     | 102.62  | 4.040 | 59.5            | 58.5           | 19.0 | 35.0 | 48 | 44.5 | 9.5  | 30                         | 160                      | 16330 | 24.7                       | 2520  | 41.4      | 13.8  |
| C110      | 152.40  | 6.000 | 58.0            | 54.0           | 16.0 | 32.0 | 48 | 38.1 | 9.5  | 20                         | 107                      | 10890 | 17.7                       | 1810  | 27.4      | 9.13  |
| C111      | 120.90  | 4.760 | 63.0            | 63.0           | 19.0 | 36.0 | 57 | 44.5 | 9.5  | 26                         | 160                      | 16330 | 26.4                       | 2700  | 40.6      | 13.53 |
| C131      | 78.11   | 3.075 | 47.3            | 42.8           | 16.0 | 32.0 | 28 | 38.0 | 9.5  | 40                         | 107                      | 10890 | 14.3                       | 1460  | 35.1      | 11.7  |
| C132      | 153.67  | 6.050 | 82.7            | 77.4           | 25.4 | 45.2 | 67 | 50.8 | 12.7 | 20                         | 222                      | 22680 | 37.0                       | 3780  | 66.0      | 22.0  |



# Cast Chains

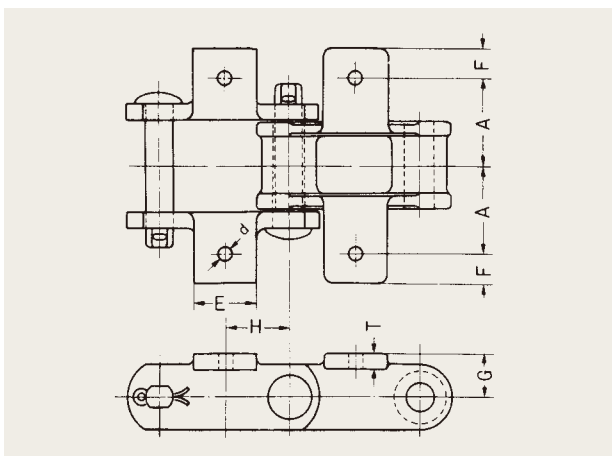
## F-2 Attachments



| Chain No. | Dimensions (mm) |      |      |      |      |      |      |     | Mass (kg) |       |
|-----------|-----------------|------|------|------|------|------|------|-----|-----------|-------|
|           | A               | d    | F    | H    | K    | M    | N    | T   | 1 Length  | 1 m   |
| C131      | 42.8            | 11.0 | 27.0 | 54.0 | 23.8 | 59.5 | 18.3 | 8.0 | 44.9      | 14.97 |

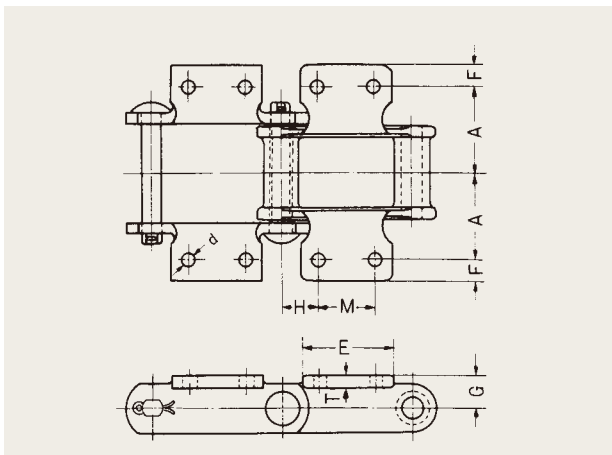
Note: 1. Masses indicated are for attachments mounted on block links every two pitches.  
2. We only manufacture attachments for use inner blocks.

## K-1 Attachments



| Chain No. | Dimensions (mm) |    |      |      |      |      |     | Mass (kg) |       |
|-----------|-----------------|----|------|------|------|------|-----|-----------|-------|
|           | A               | d  | E    | F    | G    | H    | T   | 1 Length  | 1 m   |
| C131      | 52.4            | 11 | 38.1 | 17.5 | 25.4 | 38.1 | 9.5 | 41.98     | 13.99 |

## K-2 Attachments



| Chain No. | Dimensions (mm) |    |       |      |      |      |      |      | Mass (kg) |       |
|-----------|-----------------|----|-------|------|------|------|------|------|-----------|-------|
|           | A               | d  | E     | F    | G    | H    | M    | T    | 1 Length  | 1 m   |
| C102B     | 67.5            | 11 | 71.5  | 17.0 | 25.4 | 28.6 | 44.5 | 9.5  | 40.8      | 13.6  |
| C102½     | 67.5            | 11 | 74.6  | 16.7 | 28.6 | 29.4 | 44.5 | 9.5  | 53.4      | 17.8  |
| C110      | 67.5            | 11 | 73.0  | 16.7 | 25.4 | 54.0 | 44.5 | 9.5  | 36.4      | 12.13 |
| C111      | 79.4            | 14 | 89.0  | 16.0 | 28.6 | 31.0 | 58.7 | 9.5  | 55.55     | 18.52 |
| C131      | 52.0            | 14 | 67.0  | 14.0 | 25.0 | 19.8 | 38.0 | 9.5  | 36.1      | 12.03 |
| C132      | 94.3            | 14 | 102.0 | 19.0 | 31.8 | 42.1 | 69.8 | 12.7 | 84.7      | 28.23 |