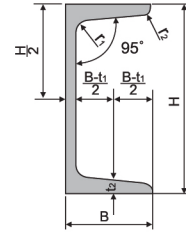


CHANNELS

# 05 | C형강

CHANNELS



## 5-1 C형강 규격 Specification of Channels

| 표준단면치수<br>Standard Sectional<br>Dimension<br>mm |                |                |                |                | 단면적<br>Sectional<br>Area<br>cm <sup>2</sup> | 단위무게<br>Unit<br>Weight<br>kg/m | 중심의위치<br>Center of<br>Gravity<br>cm |      | 단면2차모멘트<br>Moment of<br>Inertia<br>cm <sup>4</sup> |      | 단면2차반지름<br>Radius of<br>Gyration<br>cm |      | 단면계수<br>Modulus of<br>Section<br>cm <sup>3</sup> |      |
|---|----------------|----------------|----------------|----------------|---|--------------------------------|-------------------------------------|------|--|------|--|------|--|------|
| H X B   | t <sup>1</sup> | t <sup>2</sup> | r <sup>1</sup> | r <sup>2</sup> |   |                                | Cx                                  | Cy   | Ix   | Iy   | Ix                                     | Iy   | Zx   | Zy   |
| C 75 X 40                                       | 5.0            | 7.0            | 8.0            | 4.0            | 8.818                                       | 6.92                           | 0                                   | 1.25 | 75.3   | 12.2 | 2.92                                   | 1.17 | 20.1   | 4.47 |
| C 100 X 50                                      | 5.0            | 7.5            | 8.0            | 4.0            | 11.92                                       | 9.36                           | 0                                   | 1.54 | 188  | 26.0 | 3.97                                   | 1.48 | 37.6   | 7.52 |
| C 125 X 65                                      | 6.0            | 8.0            | 8.0            | 4.0            | 17.11                                       | 13.4                           | 0                                   | 1.90 | 424  | 61.8 | 4.98                                   | 1.90 | 67.8   | 13.4 |
| C 150 X 75                                      | 6.5            | 10.0           | 10.0           | 5.0            | 23.71                                       | 18.6                           | 0                                   | 2.28 | 861  | 117  | 6.03                                   | 2.22 | 115  | 22.4 |
| C 150 X 75                                      | 9.0            | 12.5           | 15.0           | 7.5            | 30.59                                       | 24.0                           | 0                                   | 2.31 | 1,050  | 147  | 5.86                                   | 2.19 | 140  | 29.3 |
| C 200 X 80                                      | 7.5            | 11.0           | 12.0           | 6.0            | 31.33                                       | 24.6                           | 0                                   | 2.21 | 1,950  | 168  | 7.88                                   | 2.32 | 195  | 29.1 |
| C 200 X 90                                      | 8.0            | 13.5           | 14.0           | 7.0            | 38.65                                       | 30.3                           | 0                                   | 2.74 | 2,490  | 277  | 8.02                                   | 2.68 | 249  | 44.2 |

## 5-2 C형강 포장테이블 Packing Table of Channels

| 치수<br>Dimension<br>mm | 단위무게<br>kg/m | pcs/BD | 길이 / Length |       |       |       |       |       |       |
|-----------------------|--------------|--------|-------------|-------|-------|-------|-------|-------|-------|
|                       |              | kg/BD  | 6m          | 7m    | 8m    | 9m    | 10m   | 11m   | 12m   |
| C 75 X 40 X 5         | 6.92         | 총본수    | 48          | 40    | 40    | 40    | 32    | 24    | 24    |
|                       |              | 총중량    | 1,993       | 1,938 | 2,214 | 2,214 | 1,993 | 1,827 | 1,993 |
| C 100 X 50 X 5        | 9.36         | 총본수    | 36          | 36    | 30    | 30    | 24    | 18    | 18    |
|                       |              | 총중량    | 2,022       | 1,966 | 2,246 | 2,246 | 2,022 | 1,83  | 2,022 |
| C 125 X 65 X 6        | 13.4         | 총본수    | 18          | 18    | 18    | 18    | 18    | 18    | 12    |
|                       |              | 총중량    | 1,447       | 1,688 | 1,930 | 1,930 | 2,171 | 2,653 | 1,930 |
| C 150 X 75 X 6.5      | 18.6         | 총본수    | 16          | 16    | 12    | 12    | 12    | 8     | 8     |
|                       |              | 총중량    | 1,786       | 2,083 | 1,786 | 1,786 | 2,009 | 1,637 | 1,786 |
| C 150 X 75 X 9 X 12.5 | 24.0         | 총본수    | 14          | 12    | 10    | 10    | 10    | 8     | 8     |
|                       |              | 총중량    | 2,016       | 2,016 | 1,920 | 1,920 | 2,160 | 2,112 | 2,304 |
| C 200 X 80 X 7.5 X 11 | 24.6         | 총본수    | 12          | 12    | 12    | 12    | 12    | 8     | 8     |
|                       |              | 총중량    | 1,771       | 2,066 | 2,362 | 2,362 | 2,657 | 2,165 | 2,362 |
| C 200 X 90 X 8 X 13.5 | 30.3         | 총본수    | 12          | 12    | 8     | 8     | 8     | 8     | 8     |
|                       |              | 총중량    | 2,182       | 2,545 | 1,939 | 1,939 | 2,182 | 2,666 | 2,909 |