

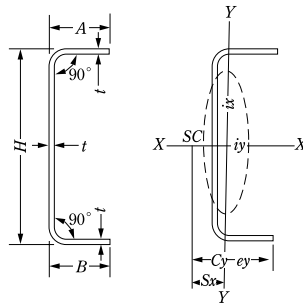
記 号 : SSC400

標準長さ : (6.0), 7.0, (8.0), 9.0,
(10.0), 11.0, (12.0) m
(○内が望ましい。)

リッ溝形鋼 (JIS G 3350)

| 寸法 mm | 断面積 cm ² | 単位質量 kg/m | 重心の位置 cm | | 断面二次モーメント cm ⁴ | | 断面二次半径 cm | | 断面係数 cm ³ | | せん断中心 cm | | 塗装面積 m ² /kg | 入手難易度 | 使用頻度 | |
|-----------|------------------------|--------------|----------------|----------------|------------------------------|----------------|----------------|----------------|-------------------------|----------------|----------------|----------------|----------------------------|--------|------|--|
| | | | C _x | C _y | I _x | I _y | i _x | i _y | Z _x | Z _y | S _x | S _y | | | | |
| 250×75×25 | 4.5 | 18.92 | 14.9 | 0 | 2.07 | 1690 | 129 | 9.44 | 2.62 | 135 | 23.8 | 5.1 | 0 | 0.0572 | △ | |
| 200×75×25 | 4.5 | 16.67 | 13.1 | 0 | 2.32 | 990 | 121 | 7.36 | 2.69 | 99.0 | 23.3 | 5.6 | 0 | 0.0573 | * | |
| | 3.2 | 12.13 | 9.52 | 0 | 2.33 | 736 | 92.3 | 7.70 | 2.76 | 73.6 | 17.8 | 5.7 | 0 | 0.0803 | △ | |
| 200×75×20 | 4.5 | 16.22 | 12.7 | 0 | 2.19 | 963 | 109 | 7.71 | 2.60 | 96.3 | 20.6 | 5.3 | 0 | 0.0573 | * | |
| | 4.0 | 14.55 | 11.4 | 0 | 2.19 | 871 | 100 | 7.74 | 2.62 | 87.1 | 18.9 | 5.3 | 0 | 0.0644 | * | |
| 150×75×25 | 3.2 | 11.81 | 9.27 | 0 | 2.19 | 716 | 84.1 | 7.79 | 2.67 | 71.6 | 15.8 | 5.4 | 0 | 0.0803 | ○ | |
| | 4.5 | 14.42 | 11.3 | 0 | 2.65 | 501 | 109 | 5.90 | 2.75 | 66.9 | 22.5 | 6.3 | 0 | 0.0574 | * | |
| 150×75×20 | 3.2 | 10.53 | 8.27 | 0 | 2.66 | 375 | 83.6 | 5.97 | 2.82 | 50.0 | 17.3 | 6.4 | 0 | 0.0804 | △ | |
| | 3.2 | 10.21 | 8.01 | 0 | 2.51 | 366 | 76.4 | 5.99 | 2.74 | 48.9 | 15.3 | 5.1 | 0 | 0.0804 | △ | |
| 150×65×20 | 3.2 | 9.567 | 7.51 | 0 | 2.11 | 332 | 53.8 | 5.89 | 2.37 | 44.3 | 12.2 | 5.1 | 0 | 0.0805 | △ | |
| | 2.3 | 7.012 | 5.50 | 0 | 2.12 | 248 | 41.1 | 5.94 | 2.42 | 33.0 | 9.37 | 5.2 | 0 | 0.112 | * | |
| 150×50×20 | 4.5 | 11.72 | 9.20 | 0 | 1.54 | 368 | 35.7 | 5.60 | 1.75 | 49.0 | 10.5 | 3.7 | 0 | 0.0576 | * | |
| | 3.2 | 8.607 | 6.76 | 0 | 1.54 | 280 | 28.3 | 5.71 | 1.81 | 37.4 | 8.19 | 3.8 | 0 | 0.0806 | ○ | |
| 125×50×20 | 2.3 | 6.322 | 4.96 | 0 | 1.55 | 210 | 21.9 | 5.77 | 1.86 | 28.0 | 6.33 | 3.8 | 0 | 0.112 | △ | |
| | 3.2 | 7.807 | 6.13 | 0 | 1.68 | 181 | 26.6 | 4.82 | 1.85 | 29.0 | 8.02 | 4.0 | 0 | 0.0807 | ○ | |
| 120×60×20 | 2.3 | 5.747 | 4.51 | 0 | 1.69 | 137 | 20.6 | 4.88 | 1.89 | 21.9 | 6.22 | 4.1 | 0 | 0.112 | △ | |
| | 3.2 | 8.287 | 6.51 | 0 | 2.12 | 186 | 40.9 | 4.74 | 2.22 | 31.0 | 10.5 | 4.9 | 0 | 0.0806 | ○ | |
| 100×50×20 | 2.3 | 6.092 | 4.78 | 0 | 2.13 | 140 | 31.3 | 4.79 | 2.27 | 23.3 | 8.10 | 5.1 | 0 | 0.112 | ○ | |
| | 3.2 | 7.007 | 5.05 | 0 | 1.86 | 107 | 24.5 | 3.90 | 1.87 | 21.3 | 7.81 | 4.4 | 0 | 0.0808 | ○ | |
| 75×45×15 | 2.3 | 5.172 | 4.06 | 0 | 1.86 | 80.7 | 19.0 | 3.95 | 1.92 | 16.1 | 6.06 | 4.4 | 0 | 0.112 | ○ | |
| | 1.6 | 3.672 | 2.88 | 0 | 1.87 | 58.4 | 14.0 | 3.99 | 1.95 | 11.7 | 4.47 | 4.5 | 0 | 0.160 | ○ | |
| 60×30×10 | 2.3 | 4.137 | 3.25 | 0 | 1.72 | 37.1 | 11.8 | 3.00 | 1.69 | 9.90 | 4.24 | 4.0 | 0 | 0.112 | ○ | |
| | 1.6 | 2.952 | 2.32 | 0 | 1.72 | 27.1 | 8.71 | 3.03 | 1.72 | 7.24 | 3.13 | 4.1 | 0 | 0.161 | ○ | |
| 60×30×10 | 2.3 | 2.872 | 2.25 | 0 | 1.06 | 15.6 | 3.32 | 2.33 | 1.07 | 5.20 | 1.71 | 2.5 | 0 | 0.113 | ○ | |
| | 2.0 | 2.537 | 1.99 | 0 | 1.06 | 14.0 | 3.01 | 2.35 | 1.09 | 4.65 | 1.55 | 2.5 | 0 | 0.129 | * | |
| 1.6 | 2.072 | 1.63 | 0 | 1.06 | 11.6 | 2.56 | 2.37 | 1.11 | 3.88 | 1.32 | 2.5 | 0 | 0.161 | ○ | | |

注) JIS規格より製造の現状を調査し、上記サイズを掲載した。



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11.0, 12.0 m
(○内が望ましい。)

軽溝形鋼 (JIS G 3350)

| 寸法 mm | 断面積 cm ² | 単位質量 kg/m | 重心位置 cm | | 断面二次モーメント cm ⁴ | | 断面二次半径 cm | | 断面係数 cm ³ | | せん断中心 cm | | 塗装面積 m ² /kg | 入手難易度 | 使用頻度 | |
|-----------|------------------------|--------------|----------------|----------------|------------------------------|----------------|----------------|----------------|-------------------------|----------------|----------------|----------------|----------------------------|--------|------|--|
| | | | C _x | C _y | I _x | I _y | i _x | i _y | Z _x | Z _y | S _x | S _y | | | | |
| 350×50×50 | 4.5 | 19.58 | 15.4 | 0 | 0.75 | 2750 | 27.5 | 11.9 | 1.19 | 157 | 6.48 | 1.6 | 0 | 0.0572 | ○ | |
| 300×50×50 | 4.0 | 15.47 | 12.1 | 0 | 0.80 | 1660 | 24.1 | 10.4 | 1.25 | 111 | 5.74 | 1.8 | 0 | 0.0644 | △ | |
| | 4.5 | 15.08 | 11.8 | 0 | 0.91 | 1160 | 25.9 | 8.78 | 1.31 | 93.0 | 6.31 | 2.0 | 0 | 0.0574 | △ | |
| 250×50×50 | 4.0 | 13.47 | 10.6 | 0 | 0.88 | 1050 | 23.3 | 8.81 | 1.32 | 83.7 | 5.66 | 2.0 | 0 | 0.0645 | ○ | |
| | 4.5 | 12.83 | 10.1 | 0 | 1.03 | 666 | 24.6 | 7.20 | 1.38 | 66.6 | 6.19 | 2.2 | 0 | 0.0575 | ○ | |
| 200×50×50 | 4.0 | 11.47 | 9.00 | 0 | 1.00 | 600 | 22.2 | 7.23 | 1.39 | 60.0 | 5.55 | 2.2 | 0 | 0.0646 | * | |
| | 3.2 | 9.263 | 7.27 | 0 | 0.97 | 490 | 18.2 | 1.28 | 1.40 | 49.0 | 4.51 | 2.3 | 0 | 0.0805 | ○ | |
| 150×75×75 | 4.5 | 12.83 | 10.1 | 0 | 2.08 | 448 | 71.4 | 5.91 | 2.36 | 59.8 | 13.2 | 4.6 | 0 | 0.0575 | ○ | |
| 150×50×50 | 4.5 | 10.58 | 8.31 | 0 | 1.20 | 329 | 22.8 | 5.58 | 1.47 | 43.9 | 5.99 | 2.6 | 0 | 0.0577 | ○ | |
| | 3.2 | 7.663 | 6.02 | 0 | 1.14 | 244 | 16.9 | 5.64 | 1.48 | 32.5 | 4.37 | 2.6 | 0 | 0.0807 | ○ | |
| 120×40×40 | 3.2 | 6.063 | 4.76 | 0 | 0.94 | 122 | 8.43 | 4.48 | 1.18 | 20.3 | 2.75 | 2.1 | 0 | 0.0810 | ○ | |
| 100×50×50 | 2.3 | 4.426 | 3.47 | 0 | 1.36 | 69.9 | 11.1 | 3.97 | 1.58 | 14.0 | 3.04 | 3.1 | 0 | 0.112 | ○ | |
| 100×40×40 | 2.3 | 3.966 | 3.11 | 0 | 0.99 | 58.9 | 5.96 | 3.85 | 1.23 | 11.8 | 1.98 | 2.2 | 0 | 0.112 | ○ | |
| 80×40×40 | 2.3 | 3.506 | 2.75 | 0 | 1.11 | 34.9 | 5.56 | 3.16 | 1.26 | 8.73 | 1.92 | 2.4 | 0 | 0.112 | ○ | |
| 60×30×30 | 2.3 | 2.586 | 2.03 | 0 | 0.86 | 14.2 | 2.27 | 2.34 | 0.94 | 4.72 | 1.06 | 1.8 | 0 | 0.113 | ○ | |
| | 1.6 | 1.836 | 1.44 | 0 | 0.82 | 10.3 | 1.64 | 2.37 | 0.95 | 3.45 | 0.75 | 1.8 | 0 | 0.161 | ○ | |
| 40×40×40 | 3.2 | 3.503 | 2.75 | 0 | 1.51 | 9.21 | 5.72 | 1.62 | 1.28 | 4.60 | 2.30 | 3.0 | 0 | 0.0819 | ○ | |