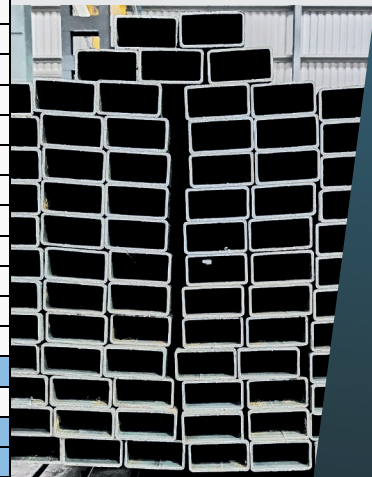
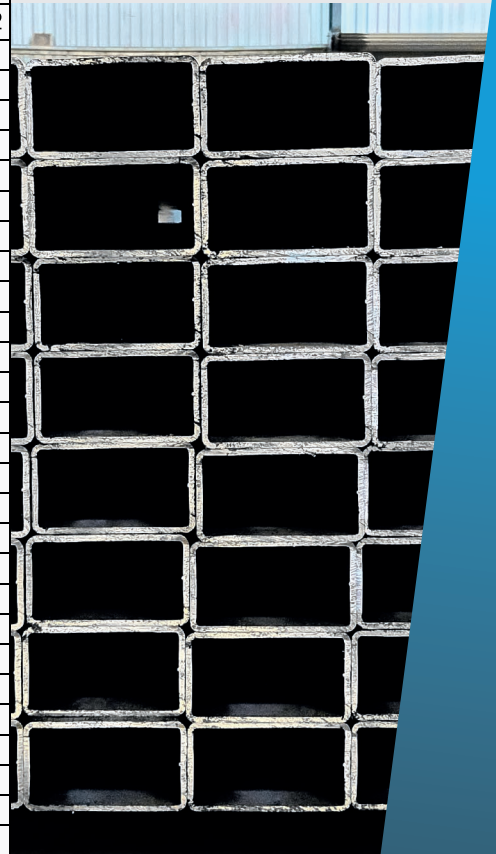


3. Tubes and Pipes

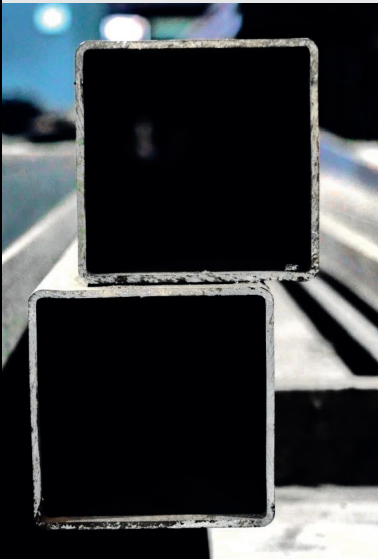
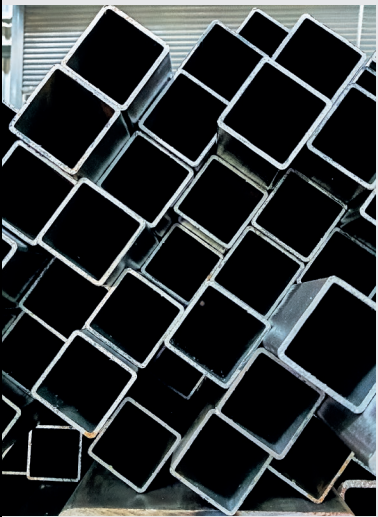
| RECTANGULAR HOLLOW SECTION (RHS) | | | | | | | | | | | | | | | | | | |
|----------------------------------|-----|---|-----|-----|-----|---|-----|-----|-----|-----|-----|---|-----|---|---|---|----|----|
| SIZE | 0.8 | 1 | 1.2 | 1.4 | 1.6 | 2 | 2.2 | 2.6 | 2.9 | 3.2 | 3.6 | 4 | 4.5 | 5 | 6 | 8 | 10 | 12 |
| 25 X 20 | | | | | | | | | | | | | | | | | | |
| 26 X 13 | | | | | | | | | | | | | | | | | | |
| 30 X 20 | | | | | | | | | | | | | | | | | | |
| 40 X 20 | | | | | | | | | | | | | | | | | | |
| 40 X 10 | | | | | | | | | | | | | | | | | | |
| 40 X 25 | | | | | | | | | | | | | | | | | | |
| 45 X 35 | | | | | | | | | | | | | | | | | | |
| 50 X 25 | | | | | | | | | | | | | | | | | | |
| 50 X 30 | | | | | | | | | | | | | | | | | | |
| 50 X 40 | | | | | | | | | | | | | | | | | | |
| 66 X 33 | | | | | | | | | | | | | | | | | | |
| 60 X 30 | | | | | | | | | | | | | | | | | | |
| 60 X 40 | | | | | | | | | | | | | | | | | | |
| 75 X 25 | | | | | | | | | | | | | | | | | | |
| 75 X 30 | | | | | | | | | | | | | | | | | | |
| 75 X 40 | | | | | | | | | | | | | | | | | | |
| 75 X 50 | | | | | | | | | | | | | | | | | | |
| 80 X 40 | | | | | | | | | | | | | | | | | | |
| 96 X 48 | | | | | | | | | | | | | | | | | | |
| 100 X 50 | | | | | | | | | | | | | | | | | | |
| 120 X 60 | | | | | | | | | | | | | | | | | | |
| 120 X 80 | | | | | | | | | | | | | | | | | | |
| 122 X 61 | | | | | | | | | | | | | | | | | | |
| 130 X 50 | | | | | | | | | | | | | | | | | | |
| 145 X 82 | | | | | | | | | | | | | | | | | | |
| 150 X 30 | | | | | | | | | | | | | | | | | | |
| 150 X 50 | | | | | | | | | | | | | | | | | | |
| 150 X 75 | | | | | | | | | | | | | | | | | | |
| 150 X 100 | | | | | | | | | | | | | | | | | | |
| 160 X 80 | | | | | | | | | | | | | | | | | | |
| 172 X 92 | | | | | | | | | | | | | | | | | | |
| 180 X 60 | | | | | | | | | | | | | | | | | | |
| 180 X 120 | | | | | | | | | | | | | | | | | | |
| 200 X 100 | | | | | | | | | | | | | | | | | | |
| 200 X 150 | | | | | | | | | | | | | | | | | | |
| 220 X 140 | | | | | | | | | | | | | | | | | | |
| 240 X 120 | | | | | | | | | | | | | | | | | | |
| 250 X 100 | | | | | | | | | | | | | | | | | | |
| 250 X 150 | | | | | | | | | | | | | | | | | | |
| 300 X 150 | | | | | | | | | | | | | | | | | | |
| 300 X 200 | | | | | | | | | | | | | | | | | | |
| 300 X 100 | | | | | | | | | | | | | | | | | | |
| 350 X 250 | | | | | | | | | | | | | | | | | | |
| 400 X 200 | | | | | | | | | | | | | | | | | | |



LEGEND - - AVAILABLE SIZES



| SQUARE HOLLOW SECTION (SHS) | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----|---|-----|-----|-----|---|-----|-----|-----|-----|-----|---|-----|---|---|---|----|----|
| SIZE | 1.8 | 1 | 1.2 | 1.4 | 1.6 | 2 | 2.2 | 2.6 | 2.9 | 3.2 | 3.6 | 4 | 4.5 | 5 | 6 | 8 | 10 | 12 |
| 12 X 12 | | | | | | | | | | | | | | | | | | |
| 15 X 15 | | | | | | | | | | | | | | | | | | |
| 20 X 20 | | | | | | | | | | | | | | | | | | |
| 25 X 25 | | | | | | | | | | | | | | | | | | |
| 30 X 30 | | | | | | | | | | | | | | | | | | |
| 32 X 32 | | | | | | | | | | | | | | | | | | |
| 35 X 35 | | | | | | | | | | | | | | | | | | |
| 38 X 38 | | | | | | | | | | | | | | | | | | |
| 40 X 40 | | | | | | | | | | | | | | | | | | |
| 45 X 45 | | | | | | | | | | | | | | | | | | |
| 50 X 50 | | | | | | | | | | | | | | | | | | |
| 55 X 55 | | | | | | | | | | | | | | | | | | |
| 60 X 60 | | | | | | | | | | | | | | | | | | |
| 65 X 65 | | | | | | | | | | | | | | | | | | |
| 70 X 70 | | | | | | | | | | | | | | | | | | |
| 72 X 72 | | | | | | | | | | | | | | | | | | |
| 75 X 75 | | | | | | | | | | | | | | | | | | |
| 80 X 80 | | | | | | | | | | | | | | | | | | |
| 90 X 90 | | | | | | | | | | | | | | | | | | |
| 91.5 X 91.5 | | | | | | | | | | | | | | | | | | |
| 100 X 100 | | | | | | | | | | | | | | | | | | |
| 110 X 110 | | | | | | | | | | | | | | | | | | |
| 113 X 113 | | | | | | | | | | | | | | | | | | |
| 120 X 120 | | | | | | | | | | | | | | | | | | |
| 125 X 125 | | | | | | | | | | | | | | | | | | |
| 140 X 140 | | | | | | | | | | | | | | | | | | |
| 150 X 150 | | | | | | | | | | | | | | | | | | |
| 175 X 175 | | | | | | | | | | | | | | | | | | |
| 180 X 180 | | | | | | | | | | | | | | | | | | |
| 200 X 200 | | | | | | | | | | | | | | | | | | |
| 220 X 220 | | | | | | | | | | | | | | | | | | |
| 225 X 225 | | | | | | | | | | | | | | | | | | |
| 250 X 250 | | | | | | | | | | | | | | | | | | |
| 275 X 275 | | | | | | | | | | | | | | | | | | |
| 300 X 300 | | | | | | | | | | | | | | | | | | |



| CIRCULAR HOLLOW SECTION (CHS) | | | | | | | | | | | | | | |
|-------------------------------|-----|-----|---|-----|-----|-----|-----|-----|---|-----|---|---|---|----|
| SIZE | 1.6 | 1.8 | 2 | 2.3 | 2.6 | 2.9 | 3.2 | 3.6 | 4 | 4.5 | 5 | 6 | 8 | 10 |
| 21.3 OD | | | | | | | | | | | | | | |
| 26.9 OD | | | | | | | | | | | | | | |
| 33.7 OD | | | | | | | | | | | | | | |
| 42.4 OD | | | | | | | | | | | | | | |
| 48.3 OD | | | | | | | | | | | | | | |
| 60.3 OD | | | | | | | | | | | | | | |
| 76.1 OD | | | | | | | | | | | | | | |
| 88.9 OD | | | | | | | | | | | | | | |
| 101.6 OD | | | | | | | | | | | | | | |
| 114.3 OD | | | | | | | | | | | | | | |
| 127.0 OD | | | | | | | | | | | | | | |
| 139.7 OD | | | | | | | | | | | | | | |
| 152.4 OD | | | | | | | | | | | | | | |
| 165.1 OD | | | | | | | | | | | | | | |
| 168.3 OD | | | | | | | | | | | | | | |
| 193.7 OD | | | | | | | | | | | | | | |
| 219.1 OD | | | | | | | | | | | | | | |
| 244.5 OD | | | | | | | | | | | | | | |
| 273.0 OD | | | | | | | | | | | | | | |
| 323.9 OD | | | | | | | | | | | | | | |
| 355.6 OD | | | | | | | | | | | | | | |

