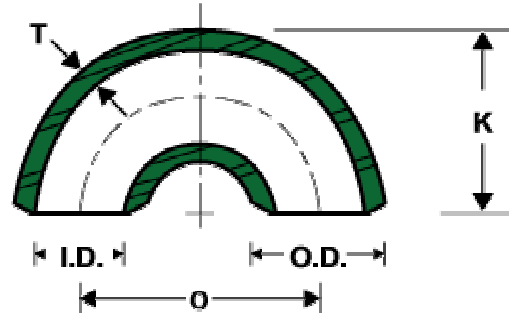




Short Radius 180° Return Bends
STANDARD WEIGHT
 Inches / Pounds



| Nominal Pipe Size | Outside Diameter | Inside Diameter | Wall Thickness (T) | Center to Center (O) | Back to Face (K) | Pipe Schedule | Weight in Pounds |
|-------------------|------------------|-----------------|--------------------|----------------------|------------------|---------------|------------------|
| 1 | 1.32 | 1.05 | .133 | 2.00 | 1.62 | 40 | .50 |
| 1 1/4 | 1.66 | 1.38 | .140 | 2.50 | 2.06 | 40 | .80 |
| 1 1/2 | 1.90 | 1.61 | .145 | 3.00 | 2.44 | 40 | 1.1 |
| 2 | 2.38 | 2.07 | .154 | 4.00 | 3.19 | 40 | 1.9 |
| 2 1/2 | 2.88 | 2.47 | .203 | 5.00 | 3.94 | 40 | 4 |
| 3 | 3.50 | 3.07 | .216 | 6.00 | 4.75 | 40 | 6 |
| 3 1/2 | 4.00 | 3.55 | .226 | 7.00 | 5.50 | 40 | 8.7 |
| 4 | 4.50 | 4.03 | .237 | 8.00 | 6.25 | 40 | 12.2 |
| 5 | 5.56 | 5.05 | .258 | 10.00 | 7.75 | 40 | 19.2 |
| 6 | 6.62 | 6.07 | .280 | 12.00 | 9.31 | 40 | 32.9 |
| 8 | 8.62 | 7.98 | .322 | 16.00 | 12.31 | 40 | 64.9 |
| 10 | 10.75 | 10.02 | .365 | 20.00 | 15.38 | 40 | 112 |
| 12 | 12.75 | 12.00 | .375 | 24.00 | 18.38 | * | 157 |
| 14 | 14.00 | 13.25 | .375 | 28.00 | 21.00 | 30 | 208 |
| 16 | 16.00 | 15.25 | .375 | 32.00 | 24.00 | 30 | 257 |
| 18 | 18.00 | 17.25 | .375 | 36.00 | 27.00 | * | 325 |
| 20 | 20.00 | 19.25 | .375 | 40.00 | 30.00 | 20 | 416 |
| 24 | 24.00 | 23.25 | .375 | 48.00 | 36.00 | 20 | 592 |

* This Size and thickness does not correspond to any pipe schedule number.

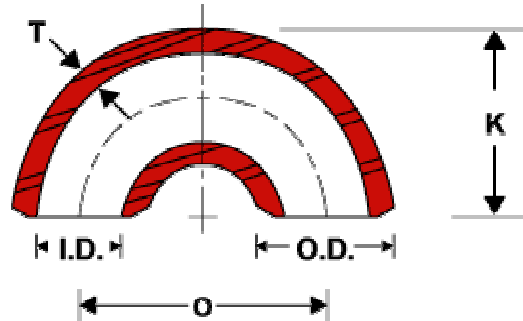
- Dimensions conform to ASME B16.9 & material conforms to ASTM A-234 Grade B



Short Radius 180° Return Bends

EXTRA STRONG

Inches / Pounds



| Nominal Pipe Size | Outside Diameter | Inside Diameter | Wall Thickness (T) | Center to Center (O) | Back to Face (K) | Pipe Schedule | Weight in Pounds |
|-------------------|------------------|-----------------|--------------------|----------------------|------------------|---------------|------------------|
| 1 1/2 | 1.90 | 1.50 | .200 | 3.00 | 2.44 | 80 | 1.5 |
| 2 | 2.37 | 1.93 | .218 | 4.00 | 3.19 | 80 | 2.9 |
| 2 1/2 | 2.87 | 2.32 | .276 | 5.00 | 3.94 | 80 | 5.2 |
| 3 | 3.50 | 2.90 | .300 | 6.00 | 4.75 | 80 | 8.2 |
| 3 1/2 | 4.00 | 3.36 | .318 | 7.00 | 5.50 | 80 | 11.7 |
| 4 | 4.50 | 3.83 | .337 | 8.00 | 6.25 | 80 | 16.4 |
| 5 | 5.56 | 4.81 | .375 | 10.00 | 7.75 | 80 | 27.7 |
| 6 | 6.62 | 5.76 | .432 | 12.00 | 9 5/16 | 80 | 45.7 |
| 8 | 8.62 | 7.62 | .500 | 16.00 | 12.31 | 80 | 96.3 |
| 10 | 10.75 | 9.75 | .500 | 20.00 | 15.38 | 60 | 143 |
| 12 | 12.75 | 11.75 | .500 | 24.00 | 18.38 | * | 212 |
| 14 | 14.00 | 13.00 | .500 | 28.00 | 21.00 | * | 271 |
| 16 | 16.00 | 15.00 | .500 | 32.00 | 24.00 | 40 | 339 |
| 18 | 18.00 | 17.00 | .500 | 36.00 | 27.00 | * | 425 |
| 20 | 20.00 | 19.00 | .500 | 40.00 | 30.00 | 30 | 555 |
| 24 | 24.00 | 23.00 | .500 | 48.00 | 36.00 | * | 778 |

* This Size and thickness does not correspond to any pipe schedule number.

1. Dimensions conform to ASME B16.9 & material conforms to ASTM A-234 Grade B