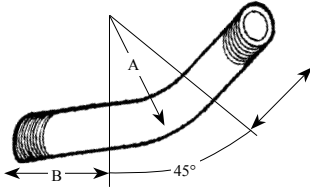


## RIGID 45° ELBOW



| CAT# | A      | B      |
|------|--------|--------|
| 11   | 4.000  | 2.875  |
| 12   | 4.500  | 2.875  |
| 13   | 5.750  | 3.00   |
| 14   | 7.250  | 3.25   |
| 15   | 8.250  | 3.625  |
| 16   | 9.500  | 4.1875 |
| 17   | 10.500 | 5.25   |
| 18   | 13.000 | 5.8125 |
| 19   | 15.000 | 6.75   |
| 20   | 16.000 | 6.9375 |

A=MIN. UL RADIUS  
B=STRAIGHT LEG EACH END

### GALVANIZED STEEL

| TOPAZ CAT # | UPC#  | SIZE   | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|--------|----------|-----------|----------|
| 11          | 33300 | 1/2"   | —        | 50        | 26       |
| 12          | 33310 | 3/4"   | —        | 50        | 38       |
| 13          | 33320 | 1"     | —        | 35        | 45       |
| 14          | 33330 | 1 1/4" | —        | 30        | 60       |
| 15          | 33340 | 1 1/2" | —        | 15        | 45       |
| 16          | 33350 | 2"     | —        | 15        | 68       |
| 17          | 33360 | 2 1/2" | —        | 1         | 8        |
| 18          | 33370 | 3"     | —        | 1         | 13       |
| 19          | 33380 | 3 1/2" | —        | 1         | 16       |
| 20          | 33390 | 4"     | —        | 1         | 22       |



E223147



| CAT# | A      | B       | C      |
|------|--------|---------|--------|
| 61   | 4.000  | 2.875   | 6.343  |
| 62   | 4.500  | 2.875   | 6.781  |
| 63   | 5.750  | 3       | 8.901  |
| 64   | 7.250  | 3.25    | 10.25  |
| 65   | 8.250  | 3.625   | 11.937 |
| 66   | 9.500  | 4.1875  | 14.031 |
| 67   | 10.500 | 5.25    | 16.00  |
| 68   | 13.000 | 5.8125  | 18.947 |
| 69   | 15.000 | 6.75    | 22.218 |
| 70   | 16.000 | 6.9375  | 23.437 |
| 70A  | 24.000 | 11.125  | 36.156 |
| 70B  | 30.000 | 12.4375 | 41.460 |

A=MIN. UL RADIUS B=STRAIGHT  
C=OFFSET

## RIGID 90° ELBOW

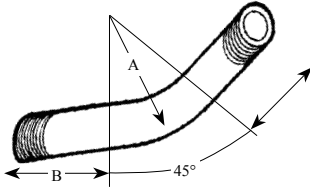
### GALVANIZED STEEL

| TOPAZ CAT # | UPC#  | SIZE   | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|--------|----------|-----------|----------|
| 61          | 31030 | 1/2"   | —        | 50        | 40       |
| 62          | 31040 | 3/4"   | —        | 50        | 54       |
| 63          | 31050 | 1"     | —        | 20        | 40       |
| 64          | 31060 | 1 1/4" | —        | 20        | 60       |
| 65          | 31070 | 1 1/2" | —        | 10        | 42       |
| 66          | 31080 | 2"     | —        | 10        | 68       |
| 67          | 31090 | 2 1/2" | —        | 1         | 13       |
| 68          | 31100 | 3"     | —        | 1         | 18       |
| 69          | 31110 | 3 1/2" | —        | 1         | 26       |
| 70          | 31120 | 4"     | —        | 1         | 33       |
| 70A         | 31127 | 5"     | —        | 1         | 45       |
| 70B         | 31128 | 6"     | —        | 1         | 48       |



E223147

## RIGID 45° ELBOW



| CAT# | A      | B      |
|------|--------|--------|
| 11   | 4.000  | 2.875  |
| 12   | 4.500  | 2.875  |
| 13   | 5.750  | 3.00   |
| 14   | 7.250  | 3.25   |
| 15   | 8.250  | 3.625  |
| 16   | 9.500  | 4.1875 |
| 17   | 10.500 | 5.25   |
| 18   | 13.000 | 5.8125 |
| 19   | 15.000 | 6.75   |
| 20   | 16.000 | 6.9375 |

A=MIN. UL RADIUS  
B=STRAIGHT LEG EACH END

### GALVANIZED STEEL

| TOPAZ CAT # | UPC#  | SIZE   | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|--------|----------|-----------|----------|
| 11          | 33300 | 1/2"   | —        | 50        | 26       |
| 12          | 33310 | 3/4"   | —        | 50        | 38       |
| 13          | 33320 | 1"     | —        | 35        | 45       |
| 14          | 33330 | 1 1/4" | —        | 30        | 60       |
| 15          | 33340 | 1 1/2" | —        | 15        | 45       |
| 16          | 33350 | 2"     | —        | 15        | 68       |
| 17          | 33360 | 2 1/2" | —        | 1         | 8        |
| 18          | 33370 | 3"     | —        | 1         | 13       |
| 19          | 33380 | 3 1/2" | —        | 1         | 16       |
| 20          | 33390 | 4"     | —        | 1         | 22       |



E223147



| CAT# | A      | B       | C      |
|------|--------|---------|--------|
| 61   | 4.000  | 2.875   | 6.343  |
| 62   | 4.500  | 2.875   | 6.781  |
| 63   | 5.750  | 3       | 8.901  |
| 64   | 7.250  | 3.25    | 10.25  |
| 65   | 8.250  | 3.625   | 11.937 |
| 66   | 9.500  | 4.1875  | 14.031 |
| 67   | 10.500 | 5.25    | 16.00  |
| 68   | 13.000 | 5.8125  | 18.947 |
| 69   | 15.000 | 6.75    | 22.218 |
| 70   | 16.000 | 6.9375  | 23.437 |
| 70A  | 24.000 | 11.125  | 36.156 |
| 70B  | 30.000 | 12.4375 | 41.460 |

A=MIN. UL RADIUS B=STRAIGHT  
C=OFFSET

## RIGID 90° ELBOW

### GALVANIZED STEEL

| TOPAZ CAT # | UPC#  | SIZE   | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|--------|----------|-----------|----------|
| 61          | 31030 | 1/2"   | —        | 50        | 40       |
| 62          | 31040 | 3/4"   | —        | 50        | 54       |
| 63          | 31050 | 1"     | —        | 20        | 40       |
| 64          | 31060 | 1 1/4" | —        | 20        | 60       |
| 65          | 31070 | 1 1/2" | —        | 10        | 42       |
| 66          | 31080 | 2"     | —        | 10        | 68       |
| 67          | 31090 | 2 1/2" | —        | 1         | 13       |
| 68          | 31100 | 3"     | —        | 1         | 18       |
| 69          | 31110 | 3 1/2" | —        | 1         | 26       |
| 70          | 31120 | 4"     | —        | 1         | 33       |
| 70A         | 31127 | 5"     | —        | 1         | 45       |
| 70B         | 31128 | 6"     | —        | 1         | 48       |



E223147