

# QF Pressed Bends

## 30° Pressed Bends

| Ø mm | R mm | Thickness mm | Weight kg |
|------|------|--------------|-----------|
| 080  | 120  | 0.9          | 0.2       |
| 100  | 150  |              | 0.3       |
| 125  | 190  |              | 0.3       |
| 140  | 210  |              | 0.4       |
| 150  | 225  |              | 0.5       |
| 160  | 240  |              | 0.5       |
| 180  | 270  |              | 0.7       |
| 200  | 300  |              | 0.9       |
| 224  | 337  |              | 1.3       |
| 250  | 375  |              | 1.5       |
| 300  | 450  |              | 2.2       |
| 315  | 472  |              | 2.2       |

## 45° Pressed Bends

| Ø mm | R mm | Thickness mm | Weight kg |
|------|------|--------------|-----------|
| 080  | 120  | 0.9          | 0.2       |
| 100  | 150  |              | 0.3       |
| 125  | 190  |              | 0.4       |
| 140  | 210  |              | 0.4       |
| 150  | 225  |              | 0.5       |
| 160  | 240  |              | 0.6       |
| 180  | 270  |              | 0.9       |
| 200  | 300  |              | 1.0       |
| 224  | 337  |              | 1.6       |
| 250  | 375  |              | 1.6       |
| 300  | 450  |              | 2.3       |
| 315  | 472  |              | 2.4       |

### Construction

Standard galvanized steel 80 mm to 315 mm diameter bends are press formed. Press formed halves are stitch welded together with rolled ends.

| Temperature Rating of Product Components |                  |                              |
|--|------------------|------------------------------|
| ° C                                      | Pressed Bends    | Sealants                     |
| 200°                                     | Galvanised Steel |                              |
| 121°                                     |                  | Joka Seal Metal Sealant 2315 |
| -20°                                     |                  |                              |

| Additional Notes   |
|--|
| At temperatures ranging between 200° C and 250° C, the zinc-iron alloy layers in galvanised steel will continue to provide a high level of protection from corrosion. However, there may be some peeling, changes in mechanical properties, and reduction in the corrosion protection. Recommended max. service temperature is 200° C. |



R=1.5 x diameter to centreline

## 60° Pressed Bends

| Ø mm | R mm | Thickness mm | Weight kg |
|------|------|--------------|-----------|
| 080  | 120  | 0.9          | 0.3       |
| 100  | 150  |              | 0.4       |
| 125  | 190  |              | 0.6       |
| 140  | 210  |              | 0.6       |
| 150  | 225  |              | 0.7       |
| 160  | 240  |              | 0.8       |
| 180  | 270  |              | 1.2       |
| 200  | 300  |              | 1.3       |
| 224  | 337  |              | 1.7       |
| 250  | 375  |              | 1.9       |
| 300  | 450  |              | 2.4       |
| 315  | 472  |              | 2.5       |

## 90° Pressed Bends

| Ø mm | R mm | Thickness mm | Weight kg |
|------|------|--------------|-----------|
| 080  | 120  | 0.9          | 0.4       |
| 100  | 150  |              | 0.5       |
| 125  | 190  |              | 0.8       |
| 140  | 210  |              | 1.0       |
| 150  | 225  |              | 1.1       |
| 160  | 240  |              | 1.2       |
| 180  | 270  |              | 1.6       |
| 200  | 300  |              | 1.9       |
| 224  | 337  |              | 2.4       |
| 250  | 375  |              | 3.0       |
| 300  | 450  |              | 3.2       |
| 315  | 472  |              | 5.0       |

| Compliance / Rating of Product Components |               |                          |
|---|---------------|--------------------------|
| Product                                   | Material      | Compliance / Rating      |
| Pressed Bends                             | Galvanised    | DX51D with Z275 Coating  |
| Joka Seal Metal Sealant 2315              | Acetone blend | AAMA Specification 801.1 |

### Ends

Standard QF end can be changed to Raw ID (I/D), Raw OD (O/D), Hose Adapter (FX), Flat Bar Flange (FL), or 6mm turned out edge (FB).