

## Rapid CFW Junior Clamps Grade 316 Stainless Steel

Our CFW range of Junior repair clamps are designed for smaller sized pipes.

Clamps provide a full circumference seal.

Clamps are available in lengths of 75mm/ 3" and 150mm/ 6"

Clamps have a Nitrile gasket fitted with an armour plate to provide added strength and fitted with centering nipples for ease of installation

Manufactured to suit specific pipe types, Galvanised, Copper and PE. Please specify pipe type when ordering.

### Components

|                      |   |
|----------------------|---|
| <b>Shell:</b>        | Grade 316 Stainless steel   |
| <b>Lugs:</b>         | Ductile Iron electroplated  |
| <b>Gasket:</b>       | Nitrile gasket fitted with Grade 316 Stainless Steel armour plate |
| <b>Nuts/Washers:</b> | Mild steel electroplated  |
| <b>Bolts:</b>        | Mild steel electroplated  |



### Operating Pressure

Maximum working pressure is 1600kPa

Maximum Temperature range is 0 - 60 degrees C.

The pressure containing capability of a CFW clamp is influenced by the pipe type, the pipe surface finish, extent of damage to the pipe, environment, service conditions and installation workmanship.

The amount of pressure that a full circle repair clamp will contain is proportionate to the diameter of the pipe being repaired and the amount of torque applied to the bolts.

Smaller diameter repair clamps will contain higher pressure than larger diameter repair clamps.

Cleaning and lubricating pipe/gasket, will reduce friction between the pipe surface and sealing gasket, creating a better seal.

Use soapy water or pipe lubricate.



### Installation instructions

Clean the pipe and position the clamp so that the holes/damage is in the pipe the centre of the clamp.

Mark the position on the pipe at each end of the clamp and then remove the clamp from the pipe.

Apply a suitable plumbing lubricant smoothly on the whole area to be covered by the clamp.

Unhitch the bolt head, slide gasket out and wrap around leak. Spread lugs open, snap into position over the gasket.

Tighten to 20-25Nm making sure that the armour plate's centring nipples are positioned between the clamp ends.



## Junior Clamps Full Circle Gasket - Galvanized Pipe

| Nominal Pipe Size | Outside Diameter | Part Number | Length | Weight   |
|-------------------|------------------|-------------|--------|----------|
| 15mm              | 21.3mm           | CFW 15mmG-3 | 75mm   | 0.25 kgs |
| 15mm              | 21.3mm           | CFW 15mmG-6 | 150mm  | 0.5 kgs  |
| 20mm              | 26.7mm           | CFW 20mmG-3 | 75mm   | 0.27 kgs |
| 20mm              | 26.7mm           | CFW 20mmG-6 | 150mm  | 0.54 kgs |
| 25mm              | 33.4mm           | CFW 25mmG-3 | 75mm   | 0.29 kgs |
| 25mm              | 33.4mm           | CFW 25mmG-6 | 150mm  | 0.58 kgs |
| 32mm              | 42.2mm           | CFW 32mmG-3 | 75mm   | 0.35 kgs |
| 32mm              | 42.2mm           | CFW 32mmG-6 | 150mm  | 0.7 kgs  |
| 40mm              | 48.3mm           | CFW 40mmG-3 | 75mm   | 0.41 kgs |
| 40mm              | 48.3mm           | CFW 40mmG-6 | 150mm  | 0.82 kgs |
| 50mm              | 60.3mm           | CFW 50mmG-3 | 75mm   | 0.5 kgs  |
| 50mm              | 60.3mm           | CFW 50mmG-6 | 150mm  | 1 kgs    |

## Junior Clamps Full Circle Gasket - Copper Pipe

| Nominal Pipe Size | Outside Diameter | Part Number | Length | Weight   |
|-------------------|------------------|-------------|--------|----------|
| 15mm              | 12.7mm           | CFW 15mmC-3 | 75mm   | 0.22 kgs |
| 15mm              | 12.7mm           | CFW 15mmC-6 | 150mm  | 0.44 kgs |
| 20mm              | 19.05mm          | CFW 20mmC-3 | 75mm   | 0.25 kgs |
| 20mm              | 19.05mm          | CFW 20mmC-6 | 150mm  | 0.5 kgs  |
| 25mm              | 25.4mm           | CFW 25mmC-3 | 75mm   | 0.27 kgs |
| 25mm              | 25.4mm           | CFW 25mmC-6 | 150mm  | 0.54 kgs |
| 32mm              | 31.75mm          | CFW 32mmC-3 | 75mm   | 0.29 kgs |
| 32mm              | 31.75mm          | CFW 32mmC-6 | 150mm  | 0.54 kgs |
| 40mm              | 38.1mm           | CFW 40mmC-3 | 75mm   | 0.32 kgs |
| 40mm              | 38.1mm           | CFW 40mmC-6 | 150mm  | 0.66 kgs |
| 50mm              | 51.0mm           | CFW 50mmC-3 | 75mm   | 0.41 kgs |
| 50mm              | 51.0mm           | CFW 50mmC-6 | 150mm  | 0.82 kgs |

## Junior Clamps Full Circle Gasket - PE Pipe

| Nominal Pipe Size | Outside Diameter | Part Number  | Length | Weight   |
|-------------------|------------------|--------------|--------|----------|
| 20mm              | 20.0mm           | CFW 20mmPE-3 | 75mm   | 0.25 kgs |
| 20mm              | 20.0mm           | CFW 20mmPE-6 | 150mm  | 0.5 kgs  |
| 25mm              | 25.0mm           | CFW 25mmPE-3 | 75mm   | 0.27 kgs |
| 25mm              | 25.0mm           | CFW 25mmPE-6 | 150mm  | 0.54 kgs |
| 32mm              | 32.0mm           | CFW 32mmPE-3 | 75mm   | 0.29 kgs |
| 32mm              | 32.0mm           | CFW 32mmPE-6 | 150mm  | 0.54 kgs |
| 40mm              | 40.0mm           | CFW 40mmPE-3 | 75mm   | 0.32 kgs |
| 40mm              | 40.0mm           | CFW 40mmPE-6 | 150mm  | 0.66 kgs |
| 50mm              | 50.0mm           | CFW 50mmPE-3 | 75mm   | 0.41 kgs |
| 50mm              | 50.0mm           | CFW 50mmPE-6 | 150mm  | 0.82 kgs |