

# Pincer and Internal Alignment Clamps

## Pincer Clamp

For quick and accurate alignment of pipes of equal or differing diameters on a common centre line. Automatic diameter compensation. All parts stay easily accessible for welding.

| Part No. | Clamping Range (mm) | Weight KG/LBS |
|----------|---------------------|---------------|
| PC70     | 10-70               | 2.1 / 5       |
| PC140    | 40-140              | 5.9 / 135     |
| PC330    | 75-330              | 26 / 57.5     |



## Mini Clamp

For quick and accurate alignment and clamping of flanges, nozzles, etc to pipes and cylindrical tanks. Available in stainless steel.

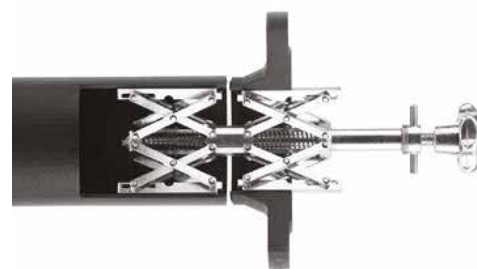
| Part No. | Clamping Range (mm) | Weight KG/LBS |
|----------|---------------------|---------------|
| MC19     | 15-19               | 0.20 / 0.7    |
| MC20     | 16-20               | 0.20 / 0.7    |
| MC25     | 19-25               | 0.25 / 0.9    |
| MC32     | 24-32               | 0.50 / 1      |
| MC40     | 31-40               | 0.50 / 1      |
| MC52     | 38-52               | 1.25 / 3      |
| MC64     | 51-64               | 1.25 / 3      |



## FTP Clamp SS READY

This model has two independent expanding clamps, allowing coaxial alignment of two hollow cylindrical components of different diameters. The bottom expanding clamp is inserted and clamped in the pipe by means of the knob. Then the other part (e.g. a flange) is placed over the top expanding clamp and clamped by means of the hand-bar.

| Part No. | Clamping Range (mm) | Weight KG/LBS |
|----------|---------------------|---------------|
| FTP140   | 40-140              | 5.9 / 135     |
| FTP220   | 85-220              | 20 / 44.0     |
| FTP350   | 75-330              | 26 / 57.5     |
| FTP520   | 180-520             | 27 / 60       |
| FTP940   | 400-900             | 39 / 86       |



## FTE Clamp SS READY

This model with two independent clamps is used for clamping flanges of all kinds and similar parts to elbows and pipe-bends of various diameters. The lower expanding clamp has strong gripping feet which insert into the bend and are tightened by means of the knob. The top expanding clamp is tightened by means of the handbar in the flange.

| Part No. | Clamping Range (mm) | Weight KG/LBS |
|----------|---------------------|---------------|
| FTE115   | 54-115              | 1 / 3         |
| FTE195   | 89-195              | 3.3 / 7       |
| FTE315   | 120-315             | 9.5 / 21      |
| FTE520   | 180-520             | 23.1 / 51     |

