



E-Z Fit Internal Clamps

Special pipe welding alignment clamps for steel or stainless steel

(All variants are only available in stainless steel)

Scissor Clamp Series 100

For quick and accurate alignment of pipes of equal or differing diameters on a common centre line. Automatic diameter compensation. There's no need to make additional adjustments. All parts stay easily accessible for welding.



Part number	Clamping range (mm)	Weight (kg / lbs)
100-1SS	10–70	2.1 / 5
100-2SS	40–140	5.9 / 13
100-3SS	75–330	26 / 57.5

Linear Clamp Series 200

For quick and accurate alignment and clamping of flanges, nozzles, short pipe sections to pipes and cylindrical tanks. Wedge shaped clamps provide automatic compensation even for parts with greatly differing diameters.



Part number	Clamping range (mm)	Weight (kg / lbs)
200-1SS	15–19	0.2 / 0.7
200-2SS	16–20	0.2 / 0.7
200-3SS	19–25	0.25 / 0.9
200-4SS	24–32	0.5 / 1
200-5SS	31–40	0.5 / 1
200-6SS	38–52	1.25 / 3
200-7SS	51–64	1.25 / 3

Spider Clamp Series 400

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. Compared with model 300 this model is specially suited for heavy parts. Locating rails are made out of stainless steel.



Part number	Clamping range (mm)	Weight (kg / lbs)
400-1SS	54–140	1.25 / 3
400-2SS	85–220	3.6 / 8
400-3SS	120–350	10.5 / 23
400-4SS	180–520	27 / 60
400-5SS	400–940	39 / 86

Elbow Spider Clamp Series 500

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 number	Clamping range (mm)	Weight (kg / lbs)
500-1SS	54–115	1 / 3
500-2SS	85–195	3.3 / 7
500-3SS	120–315	9.5 / 21
500-4SS	180–520	23.1 / 51