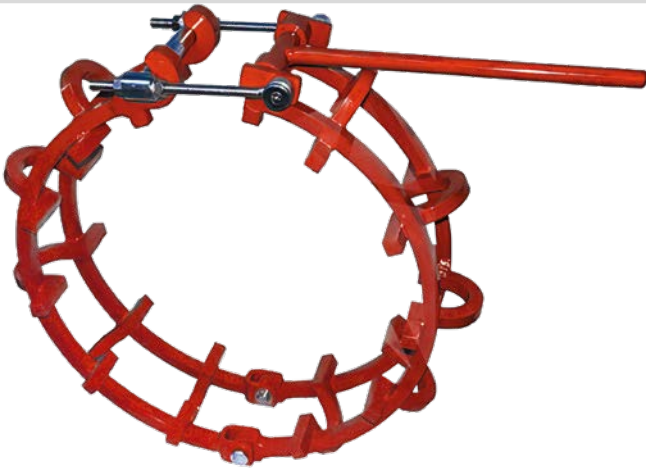


Cage Clamps

External Line Up Clamps

Cage or 'Tipton' Clamps are a cost effective method to align a single size of pipe. Three versions are available; manual, ratchet and hydraulic. These are available in two styles, either "Tack" or "No Tack".

The tack type has straight cross bars and is removed from the pipe before welding. The more popular no tack model has arched cross bars to permit a 90% circumferential weld without removing the clamp.



Manual Cage Clamps:

- Range: 4"-24"
- Will not back off while weld is being made.
- Simple and easy to use.
- Stainless & semi-stainless steel versions available.

Ratchet Cage Clamps

- Range: 12"-60".
- The ratchet type External Line-up Clamp is very strong and accurate, but is also lightweight with either 'standard' flat cross bars or 'no tack' arched cross bars.
- Precision Acme Threads ensure great strength and ease of operation.
- Will not back off while weld is being made.
- Mechanism is enclosed to eliminate dirt or mud.
- Stainless & semi-stainless steel versions available.



Hydraulic Cage Clamps

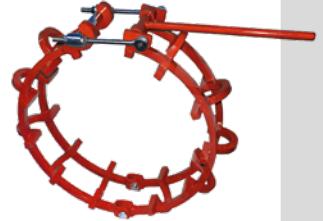
- Range: 20"-60".
- Hydraulic jack capacity 10-12 ton, larger available.
- Specials upon request.
- Stainless & semi-stainless steel versions available.
- Segmented versions available.

Cage Clamps

External Line Up Clamps

Manual Cage Clamps

PART NO.	PIPE SIZE (inch/mm)	SHIPPING WEIGHT (Kgs/lbs)
CCM4	4" / 102	8.6 / 19
CCM6	6" / 152	14.4 / 32
CCM8	8" / 203	14.9 / 33
CCM10	10" / 254	23 / 51
CCM12	12" / 305	23.9 / 53
CCM14	14" / 356	31.5 / 70
CCM16	16" / 406	45.9 / 102
CCM18	18" / 457	49.5 / 110
CCM20	20" / 508	54 / 120
CCM24	24" / 610	56.7 / 126



Ratchet Cage Clamps

PART NO.	PIPE SIZE (inch/mm)	SHIPPING WEIGHT (Kgs/lbs)
CCR12	12" / 305	40 / 88
CCR14	14" / 356	45 / 99
CCR16	16" / 406	50 / 110
CCR18	18" / 457	55 / 121
CCR20	20" / 508	54 / 120
CCR24	24" / 610	57 / 126
CCR28	28" / 711	67 / 148
CCR30	30" / 762	72 / 160
CCR32	32" / 813	77 / 170
CCR34	34" / 864	82 / 181
CCR36	36" / 914	87 / 192
CCR40	40" / 1016	97 / 214
CCR42	42" / 1067	102 / 225
CCR48	48" / 1219	117 / 258
CCR54	54" / 1372	153 / 337
CCR60	60" / 1524	167 / 368
CCRH	Ratchet Handle	2.7 / 6



Hydraulic Cage Clamps

PART NO.	PIPE SIZE (inch/mm)	SHIPPING WEIGHT (Kgs/lbs)
CCH20	20" / 508	54 / 120
CCH24	24" / 610	57 / 126
CCH28	28" / 711	67 / 148
CCH30	30" / 762	72 / 160
CCH32	32" / 813	77 / 170
CCH34	34" / 864	82 / 181
CCH36	36" / 914	87 / 192
CCH40	40" / 1016	97 / 214
CCH42	42" / 1067	102 / 225
CCH48	48" / 1219	117 / 258
CCH54	54" / 1372	153 / 337
CCH60	60" / 1524	167 / 368



PART NO.	PIPE SIZE (inch/mm)	SHIPPING WEIGHT (Kgs/lbs)
CCHJ-10T	Hydraulic Jack-10 T - 20" to 32" Hydraulic Clamps	7 / 15,5
CCHJ-12T	Hydraulic Jack-12 T - 34" to 40" Hydraulic Clamps	8,5 / 18,5
CCHJ-15T	Hydraulic Jack-15 T - 42" to 54" Hydraulic Clamps	10 / 22
CCHJ-20T	Hydraulic Jack-20 T - 60" Hydraulic Clamps	12 / 36,5