

Hydraulic External Pipe Clamps

normal

Hydraulic External Pipe Clamps have a wide gap, which allows the welding of the root up to 90% before removing the clamp.

Edge misalignment can be eliminated by means of jackscrews or a wedge which is placed under the alignment bridge. The air gap can be adjusted by means of chisel. The hydraulic cylinder, which is available as an option, operates in all positions and can be used for all pipe diameters.

The external line-up clamp is available in a medium, heavy and heavy-duty version for pipes from 12-80 inch diameter.

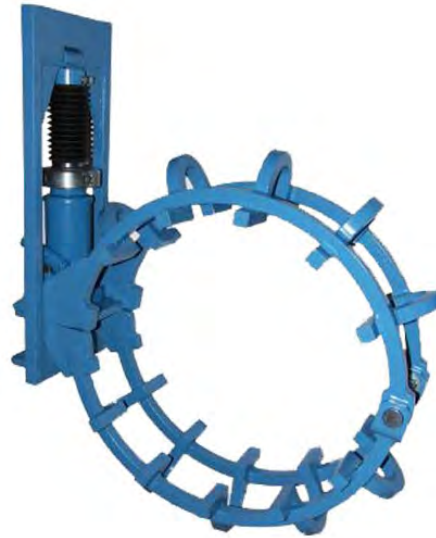
Cat. - No.	Size mm/inch	OD Pipe diameter mm
11 001 0323	300 / 12"	323,9
11 001 0355	350 / 14"	355,6
11 001 0406	400 / 16"	406,9
11 001 0457	450 / 18"	457,0
11 001 0508	500 / 20"	508,0
11 001 0610	600 / 24"	610,0
11 001 0711	700 / 28"	711,0
11 001 0762	750 / 30"	762,0
11 001 0813	800 / 32"	813,0
11 001 0864	850 / 34"	864,0
11 001 0914	900 / 36"	914,0
11 001 1016	1000 / 40"	1016,0
11 001 1067	1050 / 42"	1067,0
11 001 1118	1100 / 44"	1118,0
11 001 1120	1200 / 48"	1220,0
11 001 1320	1300 / 52"	1320,0
11 001 1420	1400 / 56"	1420,0
11 001 1520	1500 / 60"	1520,0
11 001 1620	1600 / 64"	1620,0
11 001 1720	1700 / 68"	1720,0
11 001 1820	1800 / 72"	1820,0
11 001 2020	2000 / 80"	2020,0



Hydraulic External Pipe Clamps

heavy

Cat. - No.	Size mm/inch	OD Pipe diameter mm
11 SK1 0406	400 / 16"	406,9
11 SK1 0457	450 / 18"	457,0
11 SK1 0508	500 / 20"	508,0
11 SK1 0610	600 / 24"	610,0
11 SK1 0711	700 / 28"	711,0
11 SK1 0762	750 / 30"	762,0
11 SK1 0813	800 / 32"	813,0
11 SK1 0864	850 / 34"	864,0
11 SK1 0914	900 / 36"	914,0
11 SK1 1016	1000 / 40"	1016,0
11 SK1 1067	1050 / 42"	1067,0
11 SK1 1118	1100 / 44"	1118,0
11 SK1 1220	1200 / 48"	1220,0
11 SK1 1320	1300 / 52"	1320,0
11 SK1 1420	1400 / 56"	1420,0
11 SK1 1520	1500 / 60"	1520,0
11 SK1 1620	1600 / 64"	1620,0



Fixing device

Hydraulic External Pipe Clamps

heavy-duty

Cat. - No.	Size mm/inch	OD Pipe diameter mm
11 SHD 0406	400 / 16"	406,9
11 SHD 0457	450 / 18"	457,0
11 SHD 0508	500 / 20"	508,0
11 SHD 0610	600 / 24"	610,0
11 SHD 0711	700 / 28"	711,0
11 SHD 0762	750 / 30"	762,0
11 SHD 0813	800 / 32"	813,0
11 SHD 0864	850 / 34"	864,0
11 SHD 0914	900 / 36"	914,0
11 SHD 1016	1000 / 40"	1016,0
11 SHD 1067	1050 / 42"	1067,0
11 SHD 1118	1100 / 44"	1180,0
11 SHD 1220	1200 / 48"	1220,0
11 SHD 1320	1300 / 52"	1320,0
11 SHD 1420	1400 / 56"	1420,0
11 SHD 1520	1500 / 60"	1520,0
11 SHD 1620	1600 / 64"	1620,0



Bridge with screws

Hydraulic Cylinder for external clamps

The hydraulic cylinder for our external pipe clamps works in every position and is suitable for all pipe diameters. The weight of this special cylinder is only 15,3 kg.



Mechanical Cage Clamps

heavy

This external line-up clamp allows to align pipes by means of the jackscrews in a way that flush tack-welding is possible without any hi-lo offset of the pipe edges. Broad bridges allow the production of 80 percent of the root pass without removing the clamp.

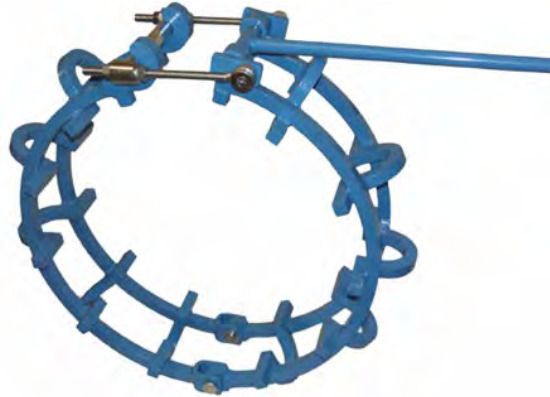
Cat. - No.	Size mm/inch	OD Pipe diameter mm
11 004 0114	100 / 4"	114,3
11 004 0125	125 / 5"	133,0, 139,7
11 004 0168	150 / 6"	159,0, 168,3
11 004 0219	200 / 8"	219,1
11 004 0273	250 / 10"	273,0
11 004 0323	300 / 12"	323,9
11 004 0355	350 / 14"	355,6
11 004 0406	400 / 16"	406,0
11 004 0457	450 / 18"	457,0
11 004 0508	500 / 20"	508,0



Mechanical Cage Clamps

heavy-duty

Cat. - No.	Size mm/inch	OD Pipe diameter mm
11 004 0610	600 / 24"	610,0
11 004 0711	700 / 28"	711,0
11 004 0762	750 / 30"	762,0
11 004 0813	800 / 32"	813,0
11 004 0914	900 / 36"	914,0
11 004 1016	1000 / 40"	1016,0
11 004 1067	1050 / 42"	1067,0
11 004 1118	1100 / 44"	1118,0
11 004 1220	1200 / 48"	1220,0
11 004 1320	1300 / 52"	1320,0
11 004 1420	1400 / 56"	1420,0
11 004 1520	1500 / 60"	1520,0
11 004 1620	1600 / 64"	1620,0



Mechanical Cage Clamps

light

Mechanical Cage Clamp DN 80 - DN 400 with bridges light version. This external line-up clamp is particularly suitable for vertical-up tackwelding by applying autogenous or arc welding techniques. By means of an eccentric, both pipe ends can be aligned by means of the bridges without any hi-lo offset of the pipe edges.

Cat. - No.	Size mm/inch	OD Pipe diameter mm
11 003 0088	80 / 3,5"	88,9
11 003 0114	100 / 4"	114,3
11 003 0125	125 / 5"	139,7
11 003 0168	150 / 6"	168,3
11 003 0219	200 / 8"	219,1
11 003 0273	250 / 10"	273,0
11 003 0323	300 / 12"	323,9
11 003 0355	350 / 14"	355,6
11 003 0406	400 / 16"	406,0

