

# HYDRAULIC EXTERNAL LINE-UP CLAMPS

## External line-up clamps with hydraulic cylinder

External line-up clamps with hydraulic cylinder, (hydraulic cage clamps)

This external line-up clamp with hydraulic cylinder is available in a medium-duty and a heavy-duty version. The hydraulic cylinder works in every position and can be exchanged easily, if need be. The alignment bridges have a wide gap, allowing welding of the root up to 90 percents 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 a chisel. For gas pipelines (fine-grained steel) we recommend working without jackscrews.

Order No.	Size mm/inch	OD Pipe mm
without Cylinder		
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"	1180,0
11 001 1220	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 Cage Clamps DN 400/16"

## Hydraulic Cylinder

The Nelke Hydraulic Cylinder works in every position!

Order No.	Weight	Type
11 010 5000	15,3 kg	AHZ5.4



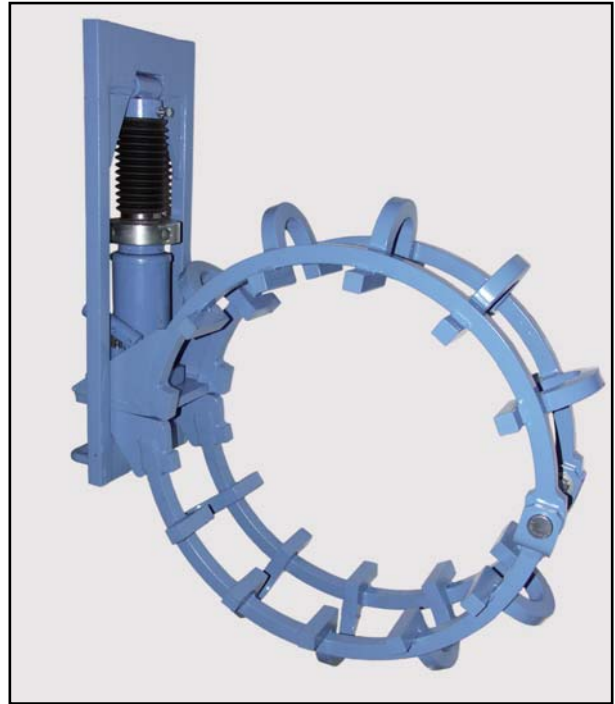
# HYDRAULIC EXTERNAL LINE-UP CLAMPS

## External line-up clamps with hydraulic cylinder - heavy duty No Tack

External line-up clamps with hydraulic cylinder heavy-duty version No Tack (hydraulic cage clamps heavy duty)

This external line-up clamp with hydraulic cylinder is available in a heavy-duty version. The hydraulic cylinder works in vertical position and can be exchanged easily, if need be. The alignment bridges have a widegap, allowing to weld the root up to 90 percents before removing the clamp.

For gas pipelines (fine-grained steel) or heavy-duty version for thick-walled pipes made of sturdy flat steel



External line-up clamps heavy-duty DN 700/28"

Order No.	Size mm/inch	OD Pipe 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	1400/46"	1420,0
11 SK1 1520	1500/60"	1520,0
11 SK1 1620	1600/64"	1620,0



Fixing device