

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 | AHZ-5.3 |



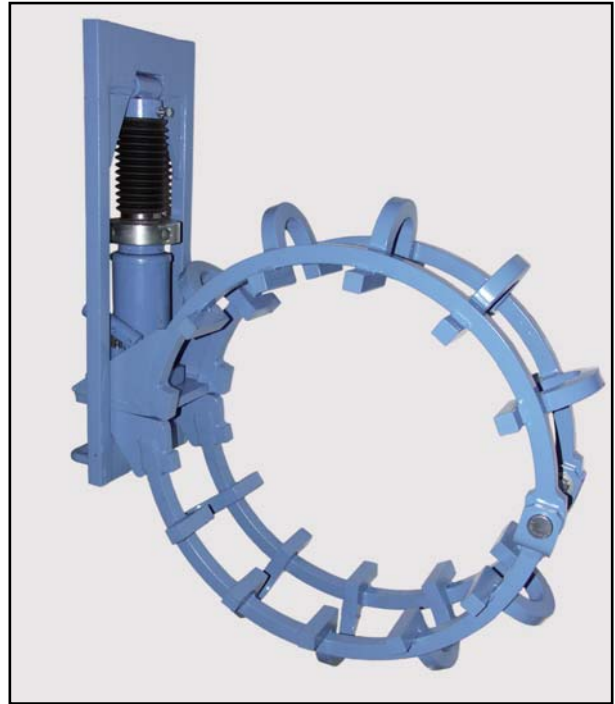
HYDRAULIC EXTERNAL LINE-UP CLAMPS

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