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EXTERNAL LINE-UP CLAMPS

Tongs-type version 1" till 2.1/2", standard version 3.1/2" till 20"



- Handy tongs-type model available • no tack version
- direct welding possible • stable and strong

External Line-Up Clamps DN 25 - DN 500 (cage clamps) for vertical-downhill welding version with spindle - This external line-up clamp allows to weld the root without need for prior tack-welding.

This device is often used in pipeline construction instead of an internal line-up clamp, which requires to produce the entire root pass first until the clamp can be removed.



For

- heat exchanger manufacturing • offshore constructions
- Apparatus manufacture • equipment constructions
- shipbuilding • machine construction • pipeline construction

Technical specifications



Type	External Line-Up	External Line-Up
Model	Tongs	Standard spindle
Range	DN / Inch / (mm)	DN / Inch / (mm)
	25 / 1" (33,7)	-
	32 / 1.1/4" (42,4)	-
	40 / 1.1/2" (48,3)	-
	50 / 2" (60,3)	-
	65 / 2.1/2" (76,1)	-
	-	80 / 3.1/2" (88,9)
	-	100 / 4" (108,0)
	-	100 / 4" (114,3)
	-	125 / 5" (133,0)
	-	125 / 5" (139,7)
	-	150 / 6" (159,0)
	-	150 / 6" (168,3)
	-	200 / 8" (219,1)
	-	250 / 10" (273,0)
	-	300 / 12" (323,9)
	-	350 / 14" (355,6)
	-	400 / 16" (406,0)
	-	450 / 18" (457,0)
	-	500 / 20" (508,0)



When using this clamp, tack-welding is not required. Simply complete the root pass and then remove the clamp.

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.

The clamps are made of steel, galvanized.