

# HEGAWA

## DUCTILE IRON REPAIR CLAMPS

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## DUCTILE IRON REPAIR CLAMPS FOR WATER AND GAS SERVICE

### Application

Hegawa Ductile Iron Repair Clamps have been designed for the permanent repair of ductile iron, cast iron and steel pipes. Even on badly corroded pipes.

### Technical concept

The 'waffle' type of rubber with incorporated bridging plates will take care for a quick and permanent leaktight seal. The Hegawa ductile iron repair clamps are constructed of ductile iron half housings giving them a high strength. The clamps will support and seal around the pipe for full length of the body, ensuring that sealing effectiveness is maintained in all circumstances. The inherent strength of the clamps will cater for circumferential pipe shear and also realign pipes.

The clamps can be installed easily, no specialist installation tools are required. Only a torque wrench to confirm the correct bolt torque. The clamps are fully epoxy coated, taking care for a long term corrosion protection. No further protection such as wrapping is required.

### Available sizes

The clamps are available from DN 50 u.t.i. DN 300 and can be supplied with a threaded outlet.

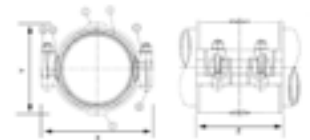


### Material specifications

- Solid, well thought-out construction.
- Material: High quality GGG40 ductile iron.
- Coating: High quality epoxy, providing a long term corrosion protection along with resistance to abrasion and impact. It's blue coloured.
- Bridge Plate Material: AISI 304
- Rubber gasket is EPDM. Applicable for gas (SBR Rubber is available on request).
- Bolts and Nuts: Standard it will be delivered with carbon steel galvanized bolts and nuts.

### Working pressures

The Hegawa Ductile Iron Repair Clamps have been designed for 16 bar working pressure and a test pressure of 24 bars with water applications.



Nominal Diameter	O.D. Range	Dimensions					Bolts No. Diameter Length	Weight (Kg)	Outlet BSP Threaded Size
		Min (mm)	Max (mm)	X (mm)	Y (Max) (mm)	Z (mm)			
2"	DN50	66.0	75.0	150	110	200	4-M12 x 65mm	4.1	3/4"
2 1/2"	DN65	75.0	84.0	159	119	200	4-M12 x 65mm	4.4	3/4"
3"	DN80	92.3	103.0	184	145	200	4-M16 x 95mm	4.9	3/4"
4"	DN100	115.0	125.6	211	167	200	4-M16 x 95mm	6.0	1/2", 3/4" or 1"
5"	DN125	141.0	153.9	239	182	200	4-M16 x 95mm	7.5	3/4" or 1"
6"	DN150	166.0	181.2	267	217	200	4-M16 x 95mm	8.3	3/4" or 1"
7"	DN175	200.0	210.0	296	238	200	4-M16 x 95mm	9.0	3/4" or 1"
8"	DN200	216.5	226.0	313	269	200	4-M16 x 95mm	9.5	1"
8"	DN200	230.2	243.5	328	281	200	4-M16 x 95mm	10.8	3/4" or 1"
9"	DN225	243.0	267.0	362	307	212	4-M16 x 120mm	13.6	3/4" or 1"
10"	DN250	269.0	294.0	395	322	250	6-M16 x 120mm	18.5	1/2", 3/4" or 1"
12"	DN300	323.0	349.0	450	387	300	8-M16 x 120mm	25.2	1/2", 3/4" or 1"

### Hegawa Ductile Iron Clamps HNN

DN	Range Dmin - Dmax (mm)	Height A (mm)	Width B (mm)	Weight (kg)
1/2"	20-23	100	115	1,90
3/4"	25-28	100	120	2,00
1"	31-35	120	127	2,60
1 1/4"	41-45	120	138	2,70
1 1/2"	48-52	140	145	3,35
2"	57-61	140	158	3,70



### Hegawa Ductile Iron Clamps HUU

DN	Range Dmin - Dmax (mm)	Height A (mm)	Width B (mm)	Weight (kg)
80	88-99	225	219	9,75
100	107-119	225	246	11,40
150	157-171	225	291	13,80
200	219-226	310	352	26,40
250	270-276	310	420	37,00
300	320-328	310	471	41,60



### Hegawa Ductile Iron Clamps HUUU

DN	Range Dmin - Dmax (mm)	Height A (mm)	Width B (mm)	Weight (kg)
80	88-100	170	185	7,55
100	107-119	170	200	8,00
150	157-171	220	245	12,70
200	218-225	250	300	18,90

