



DOUBLE CHAIN CLAMP

We have been manufacturing and selling the double chain clamp for over 90 years.

D251 SERIES

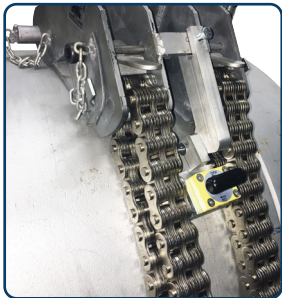
The Mathey Dearman Double Chain clamp is a heavy duty vessel clamp designed for alignment and reforming of pipes and vessels up to 20' (6 m) in diameter with schedule 80 wall thickness.

The Double Chain clamp also aligns schedule 80 pipe and heavier when no reforming is required. The extra heavy duty jackbars and main block provide the brute strength necessary to accomplish even the toughest reforming jobs.

Models 10" to 36" through 10" to 54" come with a level and support device.

All other models come with a cable hoist.

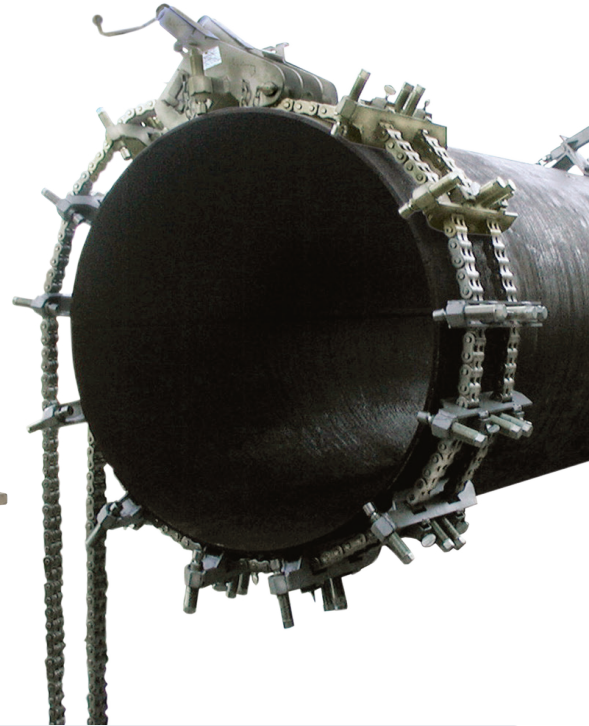
The Double Chain clamp is available in steel and stainless steel versions.



MagSquare magnets are now standard with all double chain clamps to make setup simple and easy.



Double Chain jackbar



Joints on large pipe or tube shells up to 240" (6,096 mm) in diameter can be aligned, reformed and welded without removing the clamp, saving time and improving weld quality.

Precise - Numerous jackbars provide clamping pressure exactly where needed for perfect alignment

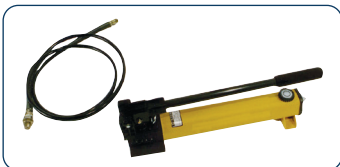
Tough - Reforms and aligns pipe with schedule 80 wall thickness

Adaptable - Fits extremely large range of pipe diameters

Conforming - Jackbar pads pivot independently to handle uneven pipe and fitting surfaces

Hydraulic closure mechanism

Perfect for clamping larger diameters and applying extra clamp load, Mathey Dearman's hydraulic chain clamp closure mechanism uses a 5" (127 mm) stroke to apply up to 10,000 pounds (4,535 kg) of tension to the standard Double Chain clamp. Hydraulic pressure is supplied to the closure mechanism's hydraulic cylinder by a hand pump with reservoir. Tension can be applied to close the clamp on the pipe. Using the hydraulic closure mechanism, our Double Chain clamp is able to align pipe up to schedule 120 and reform pipe to schedule 80.



Manual hydraulic pump kit



DD-580 Hydraulic closure mechanism

D251 Series hydraulic closure mechanism

PART NO	DESCRIPTION	EST. SHIPPING WEIGHT	
DD-580	Hydraulic closure mechanism for D251 Double Chain clamp	43 lbs.	20.00 kg
D104-KIT	Hydraulic kit includes manual hydraulic pump, reservoir and hoses needed for operation	12 lbs.	5.00 kg

The hydraulic closure mechanism can be added to a previously purchased Double Chain clamp.



Double Chain clamp includes:

- 2 Nickel plated or stainless steel high-strength leaf chains
- Extra heavy duty stainless steel jackbars (quantity as listed in specifications)
- Double chain main block with 2 fine adjustments
- Level and support device (D251-1060 model and larger supplied with cable hoist)
- Jackscrew breaker bar with socket
- Parts and operating manual

Double Chain clamp specifications

PART NO	NO OF MAIN BLOCKS	NO OF JACKBARS	PIPE SIZE RANGE		REFORMS/ALIGNS PIPE TO SCHEDULE*
D251-1036	1	9	10" - 36"	254 - 914 mm	80 / 160
* D251-1036SS	1	9	10" - 48"	254 - 914 mm	80 / 160
D251-1048	1	12	10" - 48"	254 - 1,219 mm	80 / 160
* D251-1048SS	1	12	10" - 48"	254 - 1,219 mm	80 / 160
D251-1054	1	14	10" - 54"	254 - 1,372 mm	80 / 160
* D251-1054SS	1	14	10" - 54"	254 - 1,372 mm	80 / 160
D251-1060	1	16	10" - 60"	254 - 1,524 mm	80 / 160
* D251-1060SS	1	16	10" - 60"	254 - 1,524 mm	80 / 160
D251-1072	1	20	10" - 72"	254 - 1,829 mm	80 / 160
* D251-1072SS	1	20	10" - 72"	254 - 1,829 mm	80 / 160
D251-1084	1	24	10" - 84"	254 - 2,134 mm	80 / 160
* D251-1084SS	1	24	10" - 84"	254 - 2,134 mm	80 / 160
D251-1096	2	28	10" - 96"	254 - 2,438 mm	80 / 160
* D251-1096SS	2	28	10" - 96"	254 - 2,438 mm	80 / 160
D251-10108	2	32	10" - 108"	254 - 2,743 mm	80 / 160
* D251-10108SS	2	32	10" - 108"	254 - 2,743 mm	80 / 160
D251-10120	2	36	10" - 120"	254 - 3,048 mm	80 / 160
* D251-10120SS	2	36	10" - 120"	254 - 3,048 mm	80 / 160
D251-1011F	2	39	10" - 132"	254 - 3,353 mm	80 / 160
* D251-1011FSS	2	39	10" - 132"	254 - 3,353 mm	80 / 160
D251-1012F	2	42	10" - 144"	254 - 3,658 mm	80 / 160
* D251-1012FSS	2	42	10" - 144"	254 - 3,658 mm	80 / 160
D251-1014F	2	48	10" - 168"	254 - 4,267 mm	80 / 160
* D251-1014FSS	2	48	10" - 168"	254 - 4,267 mm	80 / 160
D251-1016F	3	54	10" - 192"	254 - 4,877 mm	80 / 160
* D251-1016FSS	3	54	10" - 192"	254 - 4,877 mm	80 / 160
D251-1018F	3	60	10" - 216"	254 - 5,486 mm	80 / 160
* D251-1018FSS	3	60	10" - 216"	254 - 5,486 mm	80 / 160
D251-1020F	3	66	10" - 240"	254 - 6,096 mm	80 / 160
* D251-1020FSS	3	66	10" - 240"	254 - 6,096 mm	80 / 160

* Suitable for stainless steel

* Calculations are based on pipe with a tensile strength of 45,000 lbs. per square inch (3,164 kg per square centimeter).

Note: All Double Chain clamps with 16 or more jackbars include cable hoist. Smaller clamps include level and support device.