



DOUBLE JACKSCREW CHAIN CLAMP

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



Double Jackscrew chain clamp

Mathey Dearman invented the first chain clamp in 1930 and the Double Jackscrew chain clamp was launched in 1931.

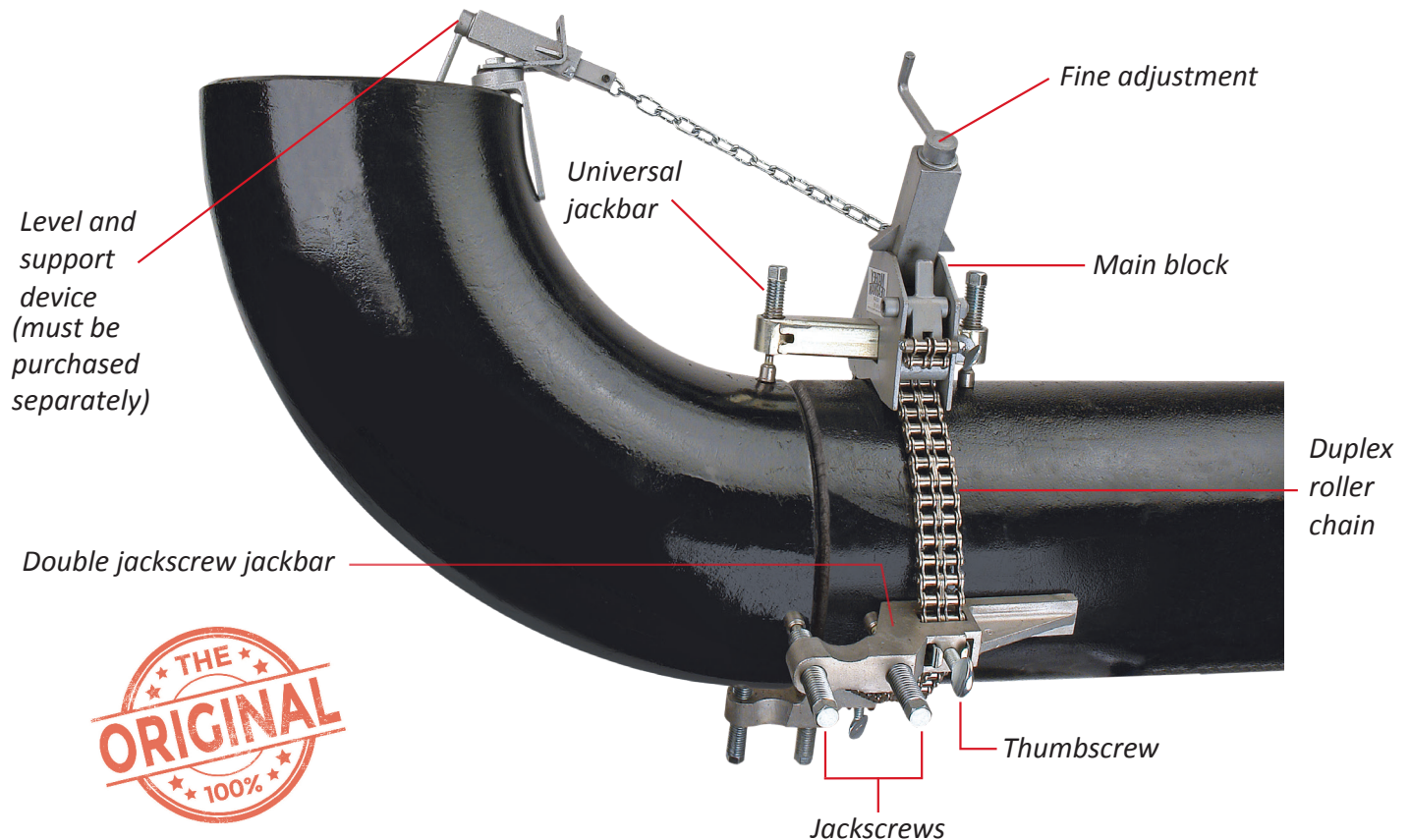
The Double Jackscrew chain clamp reforms schedule 40 pipe on either side of the joint to be welded and it is also able to exert pressure on the high points of both sides to eliminate "Hi-Low".

The chain clamp's level and support device allows the pipe, elbow, tee, flange and other fittings to be held securely in place during alignment and welding. Level and support device must be purchased separately.

Pipe with wall thicknesses up to schedule 80 can be aligned with the double jackscrew chain clamp.

Mathey Dearman's Double Jackscrew chain clamp is available in carbon steel chain and stainless steel chain versions to fit pipe from 1" to 54" / 25 mm to 1,372 mm in diameter.

Although all Mathey Dearman chain clamps feature stainless steel jackscrews, jackbars and main blocks, stainless steel chain should be used on stainless steel or specialty alloy applications to avoid potential contamination.



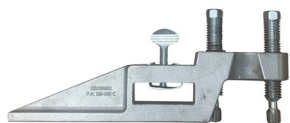
- **Extra Welding Clearance** - Jackbar design provides additional clearance, so the weld can be easily completed with clamp in place
- **Precise Alignment** - Double jackbars spaced around the diameter of the pipe allow reforming on both sides of joint to within $\frac{1}{64}$ " (.4mm)
- **Heavy Duty** - Aligns pipe with wall thickness up to schedule 80
- **Strong** - Reforms pipe with wall thickness to schedule 40
- **Wide Range** - Support, align, and reform elbow, tees, and other fittings that cage clamps can't; one chain clamp covers the range of 8 cage clamps
- **Versatile** - With the standard level and support device, the clamp can be configured to align, reform and support almost any type of fitting for welding

Double Jackscrew chain clamp includes:

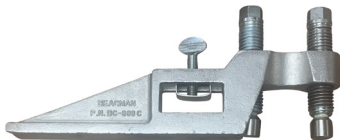
- Nickel plated carbon steel or stainless steel duplex roller chain
- Stainless steel double jackscrew jackbars - quantity as indicated in specifications
- Stainless steel main block
- Level and support device (must be purchased separately)
- Jackscrew breaker bar with socket
- Heavy duty storage box
- Parts and operating manual



Jackbar model



DB-600S



DC-600S

Main block Mmodel



DB-100



DC-100

Chain model



DB-300/DB-300S



DC-300/DC-300S

Double jackscrew chain clamp specifications

PART NO	NO OF JACKBARS	PIPE SIZE RANGE		REFORMS/ALIGNS PIPE TO SCHEDULE*	JACKBAR MODEL	MAIN BLOCK MODEL	CHAIN MODEL
D249	7	4" - 20"	102 - 508 mm	40 / 80	DB-600S	DB-100	DB-300
* D249SS	7	4" - 20"	102 - 508 mm	40 / 80	DB-600S	DB-100	DB-300S
D235	8	10" - 36"	254 - 914 mm	40 / 80	DC-600S	DC-100	DC-300
* D235SS	8	10" - 36"	254 - 914 mm	40 / 80	DC-600S	DC-100	DC-300S
D236	13	10" - 54"	254 - 1,372 mm	40 / 80	DC-600S	DC-100	DC-300
* D236SS	13	10" - 54"	254 - 1,372 mm	40 / 80	DC-600S	DC-100	DC-300S
D237	20	10" - 72"	254 - 1,827 mm	40 / 80	DC-600S	DC-100	DC-300
* D237SS	20	10" - 72"	254 - 1,827 mm	40 / 80	DC-600S	DC-100	DC-300S

* Suitable for stainless steel

Calculations are based on pipe with a tensile strength of 45,000 lbs. per square inch (3,168 kg per square centimeter)