

# Tackless Internal Clamps



Models 247



## OVERVIEW

Sawyer Mfg.'s Tackless Internal Welding Clamps are custom built to accommodate 2" to 6" pipe and tube with custom wall thickness. The Tackless Internal Clamp is designed for automatic welding but can be used with most flange-to-pipe or pup-to-pup applications. A Quick Release Nut allows the clamp to be easily released from its position once the weld is complete. The replaceable Copper Backing prevents weld spatter.

## FEATURES AND BENEFITS

- Available in 2" - 6" with custom wall thickness for pipe and tube
- Each clamp is machined for a specific wall thickness
- Gap is unobstructed to permit welding without tacking
- Automatically aligns inner bore between pipe and flange
- Copper Backing for anti-spatter is replaceable
- Quick release for fast application
- Requires no outside power unit
- Precision manufactured alloy steel for strength and durability
- 1 year warranty

## ESTIMATED SHIPPING WEIGHT

| Model No. | Description                            | Weight  |           |
|-----------|----------------------------------------|---------|-----------|
| 247-2-160 | Tackless Int. Welding Clamp 2" Sch 160 | 5 lbs.  | 2.26 kg.  |
| 247-2-80  | Tackless Int. Welding Clamp 2" Sch 80  | 7 lbs.  | 3.17 kg.  |
| 247-2-40  | Tackless Int. Welding Clamp 2" Sch 40  | 10 lbs. | 4.53 kg.  |
| 247-2-XXH | Tackless Int. Welding Clamp 2" Sch XXH | 3 lbs.  | 1.36 kg.  |
| 247-3-160 | Tackless Int. Welding Clamp 3" Sch 160 | 13 lbs. | 5.89 kg.  |
| 247-3-80  | Tackless Int. Welding Clamp 3" Sch 80  | 16 lbs. | 7.25 kg.  |
| 247-3-40  | Tackless Int. Welding Clamp 3" Sch 40  | 20 lbs. | 9.07 kg.  |
| 247-3-XXH | Tackless Int. Welding Clamp 3" Sch XXH | 11 lbs. | 4.98 kg.  |
| 247-4-160 | Tackless Int. Welding Clamp 4" Sch 160 | 14 lbs. | 6.35 kg.  |
| 247-4-80  | Tackless Int. Welding Clamp 4" Sch 80  | 18 lbs. | 8.16 kg.  |
| 247-4-40  | Tackless Int. Welding Clamp 4" Sch 40  | 22 lbs. | 9.97 kg.  |
| 247-4-XXH | Tackless Int. Welding Clamp 4" Sch XXH | 12 lbs. | 5.44 kg.  |
| 247-6-160 | Tackless Int. Welding Clamp 6" Sch 160 | 38 lbs. | 17.23 kg. |
| 247-6-80  | Tackless Int. Welding Clamp 6" Sch 80  | 42 lbs. | 19.05 kg. |
| 247-6-40  | Tackless Int. Welding Clamp 6" Sch 40  | 48 lbs. | 21.77 kg. |
| 247-6-XXH | Tackless Int. Welding Clamp 6" Sch XXH | 32 lbs. | 14.51 kg. |

\* Available for custom wall thickness pipes and tubes, contact us for details.

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918-834-2550



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## CLAMP SIZES



**2" Sch. XXH** (247-2-XXH)   
 **3" Sch. XXH** (247-3-XXH)   
 **4" Sch. XXH** (247-4-XXH)   
 **6" Sch. XXH** (247-6-XXH)

**Standard sizes:**

*(Contact us for custom sizes and wall thicknesses)*

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 2" Sch. 160 | 3" Sch. 160 | 4" Sch. 160 | 6" Sch. 160 |
| 2" Sch. 80  | 3" Sch. 80  | 4" Sch. 80  | 6" Sch. 80  |
| 2" Sch. 40  | 3" Sch. 40  | 4" Sch. 40  | 6" Sch. 40  |
| 2" Sch. XXH | 3" Sch. XXH | 4" Sch. XXH | 6" Sch. XXH |