**Ratchet Alignment Clamp**

Heavy duty clamp designed for the most demanding pipeline construction.

**Features:**

- Ratchet closure for speed and ease of aligning pipe ends.
- Rings are exceptionally heavy, accurately rolled the hard way to close tolerances, fitted with pads, hooks and hinge assembly.
- Crossbars are heavier and larger to assure straight alignment—1" x 2" cross section (compared to other industry clamps of 1"x1" design).
- Operational mechanism is enclosed in protective housing to eliminate mud and dirt contamination.
- Pads are heavy to insure rigidity. They are placed flat to give large bearing area for truing and aligning pipe, then bored to exact size
- Hinge Pin is a large diameter of alloy steel, unbreakable in service. It is drilled and fitted with grease fitting.

**Ratchet Reforming Clamps**

This clamp reforms pipe quickly and easily with 100% line-up.

**Features:**

- Everything you need in one clamp. No wear out or lost parts.
- Made of strong, rugged alloy steel.
- Eccentric operating shoes do the work.
- Precision machined to pipe contour which eliminates pipe damage.
- Ratchet is standard on Rim and Chain Clamps 12" and above.


**Heavy Duty Rim Clamp**—3/4" Alloy Steel—For pipe up to .750 wall thickness. Stock Sizes 10" to 48". Special order available.

**Extra Heavy Duty Rim Clamp**—1" Alloy Steel—For pipe .750 (and above) wall thickness. Stock Sizes 16" to 48". Special order available.

**Light Weight Leaf Chain Clamp**—48,000 lb. Test—For pipe up to .4375 wall thickness. Stock Sizes 6" to 48".

**Extra Heavy Duty Leaf Chain Clamp**—69,000 lb. Test—For e .500 to .750 wall thickness. Stock Sizes 18" to 48".

CHALLENGER SERVICES
4530 South Jackson Avenue
Tulsa, Oklahoma 74107 USA

Phone: (918) 447-0055
Fax: (918) 447-0067

email: sales@challengerservices.com
www.challengerservices.com