

The perfect grip

Gates is India's most advanced and complete hose manufacturer. As the Indian subsidiary of Gates Corporation, USA, it has established itself firmly in the Indian hose market. Equipped with the latest technology, state-of-the-art manufacturing facility of Gates India is spread over an area of 40 acres at Lalru, near Chandigarh.

Gates India is introducing world-class stainless steel hose clamps in India. IDEAL manufacturers broad line standard worm drive and specialty hose clamps designed to satisfy a wide range of fastening applications. Each item is precision engineered for prolonged peak performance, incorporating unique design features guaranteed to satisfy the most demanding applications.

Our completely mechanical design locks the one-piece housing directly to the band using the full strength of the material to provide maximum anti-shear protection. There are no spot-welds to rupture under stress or corrosion. And a one-piece housing cannot come apart under high loading.

IDEAL hose clamps will be available in India under two series: 67-5 and 67-1.

IDEAL 67-5 series

Screw - 5/16" Hex Head, 300 series marine stainless steel

Band & Housing - 1/2" Design, 300 series marine stainless steel

IDEAL 67-1 series

Screw - 5/16" Hex Head, 410 series stainless steel

Band & Housing - 1/2" Design, 201-301 series stainless steel



World Class Features & Benefits

- ▶ Ultra-strong Gripping Power
- ▶ Enhanced Corrosion Resistance
- ▶ One-piece Interlocked Housing
- ▶ Rectangular Slotting of Bands
- ▶ More Coverage Area
- ▶ Better Inventory Management
- ▶ Larger Hose Range Capability
- ▶ Economical

IDEAL®



Better Corrosion Resistance

Magnetic attraction is not a reliable measure of corrosion resistance.

The commonly used method of applying a magnet to steel and then concluding that (if it is not magnetic) it is highly corrosion resistant stainless steel; or (if it is magnetic) that it is corrosion susceptible carbon steel, is not accurate.

For instance, 410 stainless steel, which possesses a high degree of resistance to atmospheric corrosion, is as magnetic as common carbon steel. Even 300 Series stainless steel, which is noted for its corrosion resistant properties, will develop a slight magnetic attraction when it is cold rolled.

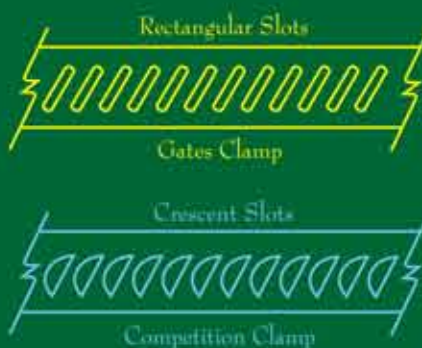
Listed below are steels commonly used in the manufacture of hose clamps and their relative magnetic attraction.

Magnetic attraction by steel type

Steel Type	Magnetic Attraction	Magnetic Attraction on a Scale of 1 to 100 (100 being the MOST magnetic)	Corrosion Resistance on a Scale of 1 to 100 (100 being the LEAST resistant)
Carbon Steel	Strong in all conditions	100	100
410, 430 Stainless	Strong in all conditions	100	33
201, 301 Stainless	Minor after cold rolling	5	0.2
302/304 Stainless	Slight after cold rolling	3	0.2
305, 316 Stainless	Very slight after cold rolling	1	0.07

Gates Clamps have Rectangular Slots for More Strength.

In contrast to the crescent slotted bands available in the market, Gates clamps provide rectangular slots that have more material in between the slots (known as web). This allows the band to handle higher loads than crescent band of equal material thickness and strength.



More Coverage Area

A unique feature of Gates Clamps, is that they allow the use of one clamp for hoses of varying sizes. In addition to being economical, this proves convenient for the user. Gates Clamps are designed to help you sell more with fewer part numbers and a smaller inventory.