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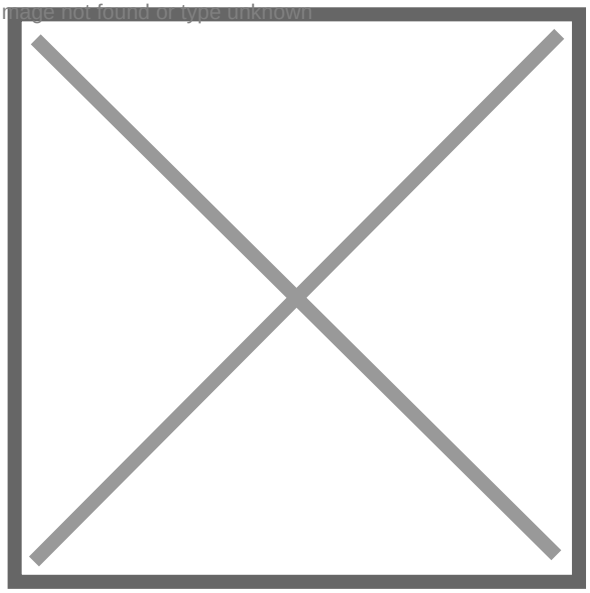
Product Name :

Tightening for Screw Pipes (Hoffman Clamp)

Product Code :

SCI-692/034

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Description :

Tightening for Screw Pipes (Hoffman Clamp) (Product Code: SCI-692/034) is a screw-operated tubing clamp used to squeeze rubber tubing gradually and set a controlled flow of liquid or gas in chemistry lab apparatus across India. Made of nickel-plated steel for 12 mm tubing, it has a projection plate that protects the tube from the screw end and a hinged bottom bar so it can be fitted or removed mid-tube. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Hoffman screw clamp
Tubing size	For 12 mm pipe (tubing)
Material	Nickel-plated steel
Operation	Screw tightening
Tube protection	Projection plate prevents damage to the tubing by the end of the screw
Bottom bar	Hinged, for direct fitting and removal without access to the tube ends
Product code	SCI-692/034
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hoffman Clamp Used For?

Where a Mohr clamp is simply open or shut, the Hoffman clamp can be set anywhere in between. Turning the screw squeezes the tubing a little at a time, so students can set a slow, steady drip from a reservoir, adjust the cooling water running through the condenser of distillation apparatus in India's college labs, or throttle gas from a generator to an even stream. Because the bottom bar is hinged, the clamp can be added to an assembled line without disconnecting either end of the tube.

To fit it, swing the bottom bar open, lay the tubing across, close the bar and turn the screw slowly until the flow is right. The projection plate spreads the pressure so that the screw end does not bite into the rubber. Loosen the clamp at the end of the session so the tubing recovers its shape, and wipe the nickel-plated surface clean of any spills.

What to Specify When Ordering

- Tubing size: this clamp is listed for 12 mm pipe; ask us about other sizes.
- The number of clamps needed per apparatus or per bench.
- Whether rubber tubing or spring (Mohr) clamps should be quoted too.

OEM Manufacturer

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