

Technical Description

- A hose clamp's design allows it to secure a hose over a fitting, thereby preventing any fluid flowing through the hose from leaking at the connection.
- Hose clamps can be used in a variety of different industries like liquids, gases, chemicals and transportation of liquids
- In general, screw / band hose clamps tend not to be used for ultra-high-pressure application, but instead are used frequently in lower-pressure environments as well as when a quick fix is needed.

Hose Clamp
Light Duty

- Worm Drive-Jubilee Clips
 - Mini (Normal) Clip
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- Max Torque: 60 lbs.
 - Band slots are smooth
 - Slotted hex head screw design
 - Band and Hosing in SS 300 series

Industries



Application

Automotive, Water treatment, Oil and Gas, Power and Energy, Food and Chemical Industry

Light Duty		Heavy Duty			
Mini (Normal) Clamp	Worm Drive Jubilee Clips	Bolt finger Clamp	Double bolt saddle clamp	Double bolt ground joint clamp	Four bolt ground joint clamp

Light Duty Clamps

Mini (Normal) Clips

- "Normal" Mini Clip, when tightened adapts perfectly to the hose, clamping firmly but gently.
- This clip is recommended for use with gaseous fluids at low pressure.
- Normally also Mini Clips have many applications in the automotive industry.
- The maximum pressure may vary depending on the type of hose and coupling used.
- These are also available in Zinc Plated Steel.
- Sizes Available from 1/2" to 8" (on demand)

Jubilee Clips – Worm Drive

- Also referred to as Worm Drive hose clips.
- Jubilee clips are extremely popular due to their simplicity, effectiveness and versatility.
- Jubilee clips are ideal for fixing low pressure flexible hoses to solid fittings.
- The reduced dimensions of the housing of this clip makes it an ideal choice for applications where space is limited.
- It is especially recommended for clamping small bore thin walled hoses.
- Maximum pressure depends of the type of hose and coupling used
- Worm Drives are available in Zinc plated steel SS 304 | SS 316
- Sizes Available from 3/8" to 8" (on demand)

BODY SIZE
3/4" TO 12"

Hose Clamps
Heavy Duty saddle | Interlocking

Technical Description

- Heavy Duty Clamps are made of cast ductile Iron zinc plated and for heavy duty interlock clamps with finger can be bolted into position for firm grip. Also, it is for high pressure applications such as air hose, steam, water, spray, LPG and anhydrous ammonia, mining, oil field and wastewater etc.
- Two bolt and Four bolt Heavy duty clamp designed for the retention of couplings with locking collars.
- Heavy duty Ductile Iron clamp used for retaining of couplings in PVC hoses and rubber suction and delivery hoses.

Hose Clamp Heavy Duty

- Double Bolt Finger
- Double bolt Saddle
- Double bolt ground joint
- Four bolt ground joints

Safety Note

- Bolt clamps must be checked and retightened before each use.
- Failure to install these clamps correctly could

Industries



Application

Water treatment, Oil and Gas, Power and Energy, Steam Service

Light Duty		Heavy Duty			
Mini (Normal) Clamp	Worm Drive Jubilee Clips	Bolt finger Clamp	Double bolt saddle clamp	Double bolt ground joint clamp	Four bolt ground joint clamp

Heavy Duty Clamps

Double Bolt Finger Clamp - (Sizes 3/4" to 8")

- Double-Bolt Clamps are rugged, and these clamps are designed for tight grip the hose.
- The inner surface has dual ridges and the bolt lugs are to prevent bending out of alignment to match the outside diameter of the hose.
- The double-Fingers fit in between the gap of bolt thus preventing bulging of the hose OD
- Used for high pressure hoses
- Available in Plated Steel, Malleable iron.

Double Bolt Saddle Clamp - (Sizes 3/4" to 12")

- These clamps provide an efficient means of securing couplings for Medium Pressure discharge or suction service.
- Double bolt saddle clamps are sized according to hose OD.
- As the bolts are tightened, the double-tongue saddles fill the gap between the bolt lugs preventing pinching of the hose OD.
- Fully tightened, the double bolt saddle clamps secure the full circumference of the hose.
- Available in Plated Steel, Malleable iron.

Double Bolt and Four Bolt Ground Joint (Interlocking Clamps) - (Sizes 3/4" to 4")

- A bolted interlocking hose clamp is the most secure way to fix hose couplings of critical services.
- Clamp has fingers that interlock with a ring on the hose couplings which avoid slippage of end fittings.
- The bolted clamp allows adjustment. Torque should be checked on these clamps to ensure that the coupling stays tight.
- The clamp features 2 or 4 bolts depending on hose diameter.
- The inside of the clamp has serrations that press into the cover of the hose for increased grip.
- Hose can change in diameter over long term usage under pressurization, hence use proper size clamp.
- Available in Plated Steel, Malleable iron.



Technical Description

- Safety clamps are produced to EN14420 / DIN 2817
- Safety Clamp Assembly also available with a smooth or serrated hose tail with a collar with union nut (GI) have a smooth or serrated tail, assembled with a nut by a sealing ring.
- Safety clamps can be supplied loose without fittings.
- Size from DN13 to DN150.

Materials Available

- Stainless steel AISI316/304
- investment casting
- Aluminium
- Brass
- Polypropylene

Applications

Assembly of steam and hot water hoses used in food, pharmaceutical, transport industry, airport refuelling and liquefied gas etc.

Key Features

- The safety clamps have a rim inside, which fits on the hose when the bolts are tightened.
- Hose fittings can't be pulled out of the hose when clamps are tightened.
- Clamps shells can be easily dismantled for reuse.
- Please check the clamps for any deformation before reuse.

Industries



Size Available

Safety clamps available from DN13 to DN150.

Material for Safety Clamp

- Produce method: Investment casting / forging
- Working Pressure for Stainless steel up to 25.0 Bar
- Working Pressure for Aluminium up to 16.0 Bar
- Secure proper tightening of clamps, over tightening will damage clamps

Article Code	Size (inches)	Hose Thickness (mm)	Hose OD Range (mm)
	1/2	5	22 - 24
	3/4	6	30 - 33
	1	6	36 - 39
	1 1/4	6	43 - 46
	1 1/2	6 1/2	50 - 53
	2	8	63 - 67
	2 1/2	8	78 - 82
	3	7 1/2	89 - 93
	4	8	114 - 119
	6	10	168 - 174



BODY SIZE
3/4" TO 1"

Two- Bolt Clamps
Equivalent to A9 | A10 Clamps



Technical Description

- Two Bolt Clamps are made of Investment cast carbon steel plated for low to medium pressure.
- Two bolt and Four bolt Heavy duty clamp designed for the retention of couplings with locking collars.
- Interlock clamps with finger can be bolted into position for firm grip. Also, can be used for high pressure applications such as air hose, steam, water, spray,
- These clamps can also be used for retaining of couplings in PVC hoses and rubber suction and delivery hoses.

Part Equivalence	A9	A10
Material	Investment cast carbon steel plated	
Size	3/4"	1"
Hose OD from	28.6mm	33.3mm
Hose OD to	33.3mm	38.1mm
Torque	19-21 ft. lbs.	19-21 ft. lbs.

Industries



Connection

Used for Air King Coupling | Chicago Coupling | Claw Coupling

Safety Note

- Torque values for clamps are based on dry bolts
- The use of lubricant on bolts will adversely affect clamp performance

Key Features

- A bolted interlocking hose clamp is the most secure way to fix hose couplings of critical services.
- Clamp has fingers that interlock with a ring on the hose couplings which avoid slippage of end fittings.
- The bolted clamp allows adjustment. Torque should be checked on these clamps to ensure that the coupling stays tight.
- The clamp features 2 or 4 bolts depending on hose diameter.
- The inside of the clamp is Ribbed to that press on to the cover of the hose for increased grip.
- Hose can change in diameter over long term usage under pressurization, hence use proper size clamp.

Other Clamp Products

Light Duty			Heavy Duty			
Mini (Normal) Clamp	Worm Drive	Jubilee Clips	Bolt finger Clamp	Double bolt saddle clamp	Double bolt ground joint clamp	Four bolt ground joint clamp