

KLIPCO®



Manufacturing Plant Location:

1984-01-1989

1989-1997-01-01-1999

1999



Klipco Worm Drive Hose Clamps

as per BS: 5315 and IS: 4762

MATERIAL : The Material used in Manufacture of WORM DRIVE HOSE CLAMPS shall be selected at the manufacturer's discretion provided that the finished clamps are capable of passing the tests specified.

MANUFACTURE : **Screw :** Shall be held captive in the Clamp Housing.

Band : Band shall have a thread form commencing at the free end extending for a length sufficient to enable the clamp to be tightened on to the smallest diameter of component within the working range for which it is designed.

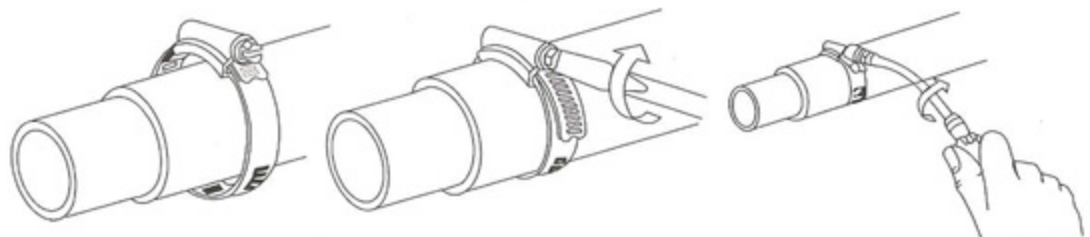
HOUSING : The housing shall not be readily removable from the band.

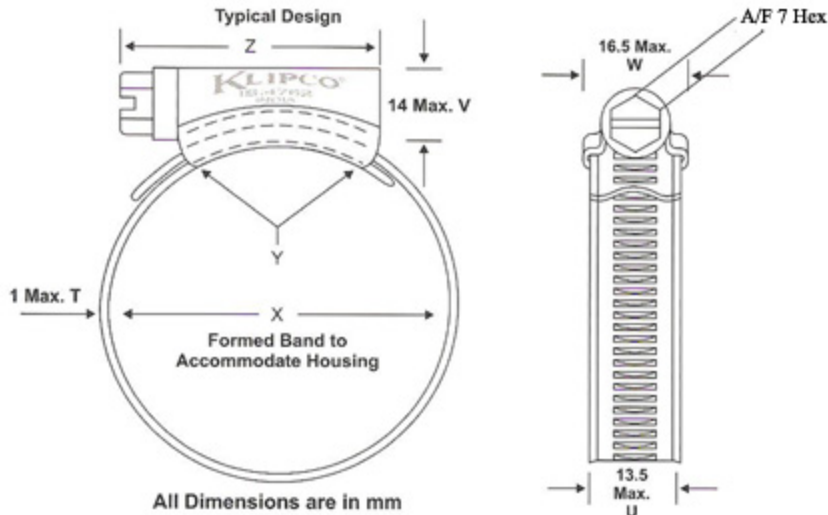
FINISH : Clamp shall be smooth and free from burrs and sharp edges. Clamp Produced other than from corrosion resistant material (Stainless Steel) shall be protected from electroplating coating of zinc-as per Fe Zn12 of IS: 1573/1970 & BS: 1706-Zn3.

TESTS : Free running Torque Test : for this purpose the torque required to move the screw in either direction shall not exceed 1.5Nm i.e. (13.3 ibf / In or 0.16 kgf / m)

Torque Test : The Clamp shall be tightened to 75% of the Torque Load, as shown in table. On release, Clamp shall reveal no sign of permanent distortion of the housing, nor efficient functioning of the clamp size. The Clamp shall then be retightened until permanent distortion or failure occurs, at this point torque load shall be in excess of the value shown in table.

Hydraulic Pressure Test : The fluid used for the test shall be water at room temperature. Torque applied shall not be more than 75% of the value. Pressure shall be applied gradually from an external source until leakage or other failure occurs, at which stage the pressure shall be not less than appropriate value specified.





DIMENSIONS OF CLAMPS

IS 4762 and BS 5315

| IS: 4762 Sizes | KLIPCO Sizes | BS: 5315 Sizes | X Working Range | | Z Max. | Y Max. | Fitment Torque Max. Nm | Failure Torque Nm | Hydraulic Pressure MPa |
|-------------------|-----------------|-------------------|--------------------|------|-----------|-----------|------------------------------|-------------------------|------------------------------|
| | | | Min. | Max. | | | | | |
| 12 | 000 | 12 | 9.5 | 12 | 25 | 14 | 3.4 | 4.5 | 1.4 |
| 16 | 00M | 16 | 11 | 16 | | | | | |
| 20 | 00 | 20 | 13 | 20 | | | | | |
| 22 | 0 | 22 | 16 | 22 | 30 | 20 | 4.2 | 5.6 | 0.7 |
| 25 | 25A | 25 | 18 | 25 | | | | | |
| - | OX | - | 20 | 28 | | | | | |
| 30 | 1A | 30 | 22 | 30 | 33 | 25 | 5.1 | 6.8 | 0.3 |
| 35 | 35A | 35 | 25 | 35 | | | | | |
| - | 1 | - | 28 | 38 | | | | | |
| 40 | 1X | 40 | 30 | 40 | 28 | 28 | 5.92 | 7.9 | 0.3 |
| 45 | 45A | 45 | 35 | 45 | | | | | |
| 50 | 2A | 50 | 35 | 50 | | | | | |
| - | 2 | 55 | 40 | 55 | 28 | 28 | 5.92 | 7.9 | 0.3 |
| 60 | 2X | 60 | 45 | 60 | | | | | |
| 65 | 65A | 65 | 50 | 65 | | | | | |
| 70 | 3 | 70 | 55 | 70 | 33 | 28 | 5.92 | 7.9 | 0.3 |
| - | 75A | - | 60 | 75A | | | | | |
| 80 | 80 | 80 | 60 | 80 | | | | | |
| 90 | 4 | 90 | 70 | 90 | 33 | 28 | 5.92 | 7.9 | 0.3 |
| 100 | 4X | 100 | 85 | 100 | | | | | |
| 110 | 110A | 110 | 90 | 110 | | | | | |
| 115 | 115A | 115 | 95 | 115 | 33 | 28 | 5.92 | 7.9 | 0.3 |
| 120 | 5 | 120 | 100 | 120 | | | | | |
| 130 | 130A | 130 | 110 | 130 | | | | | |
| 140 | 6 | 140 | 120 | 140 | 33 | 28 | 5.92 | 7.9 | 0.3 |
| 150 | 6X | - | 130 | 150 | | | | | |
| 160 | 160A | - | 140 | 160 | | | | | |

The larger sizes test is based on housing in a fixture, band attached to tensile fixture, to screw torque to 6.8 Nm & band tension to 1.5 KN upto 7.9 Nm without distortion or failure.

LARGER RANGE

| Klipco Size | Outside Diameter of Hose | | Klipco Size | Outside Diameter of Hose | | Klipco Size | Outside Diameter of Hose | | Klipco Size | Outside Diameter of Hose | |
|----------------|-----------------------------|-----|----------------|-----------------------------|-----|----------------|-----------------------------|-----|----------------|-----------------------------|-----|
| 7 | 150 | 175 | 10 | 225 | 250 | 13 | 300 | 325 | 16 | 375 | 400 |
| 8 | 175 | 200 | 11 | 250 | 275 | 14 | 325 | 350 | 17 | 400 | 425 |
| 9 | 200 | 225 | 12 | 275 | 300 | 15 | 350 | 375 | 18 | 425 | 450 |

MATERIALS

| Type | Part Details | IS | BS | DIN | AISI | Equivalent All Mild Steel parts are Zinc plated with yellow passivation |
|------|--------------|------------------|------------|-----------|-----------|--|
| W1 | Band | 1079 42st, CR MS | 1449 | 1.0226 | MS | |
| | Housing | 513 | 970 | " " | " " | |
| | Screw | CHQ MS | CHQ MS | 1.0213 | 1008/1010 | |
| W2 | Band | SS 201, 202 | 201, 202 | - | 201, 202 | |
| | Housing | SS 430 | 430 S15 | 1.4016 | 430 | |
| | Screw | CHQ MS/Carbon | EN CHQ 970 | 1.0213 | MS/Carbon | |
| W3 | Band | SS 201, 202, 430 | SS 430 | SS 1.4016 | SS 430 | |
| | Housing | | | | | |
| | Screw | | | | | |
| W4 | Band | SS 304 | SS 304 S17 | SS 1.4301 | SS 304 | |
| | Housing | | | | | |
| | Screw | | | | | |
| W5 | Band | SS 316 | SS 316 S31 | SS 1.4401 | SS 316 | |
| | Housing | | | | | |
| | Screw | | | | | |

- MS = Mild Steel
- SS = Stainless Steel

GENERAL USES AT

- Automotives, Trucks, Tractors, & Two Wheelers
- Aircrafts, Space & Satellites
- Atomic Plants
- Air Conditioning
- Engineering, Machine-Tools, & Welding
- Hydraulic & Pneumatics
- Laboratories
- Marine Navy & Defense
- Mines
- Oil, Gas & Refinery
- Plants- Steel, Chemical, Fertilizers Cement etc.
- Plantations, Agriculture & Domestic
- Railways & Metros
- Sewage Treatment Plants
- Traffic, Signals & Hoardings

FITMENT TOOLS



Hexagonal Rigid Screw Driver



Pneumatic Screw Driver



Hexagonal Flexi-Screw Driver

Klipco Worm Drive Hose Clamps

having Perforated Band as per SAE J 1508-97

Standard, Heavy, Constant & Quick Release Series



KLIPCO®

SPECIFICATION :

SAE & J 1508-1996 (Type : F : I : M,Mx : HD & SLHD. Hose Clamps.)
 IS : 4762-2002
 BS : 5315 / 91
 DIN : 3017.

MATERIAL :

The Material used in manufacture of WORM DRIVE HOSE CLAMPS shall be selected at manufacturer's discretion provided that the finished clamps are capable of passing the tests specified.

MANUFACTURE :

Screw : Shall be held captive in the Clamp Housing.

Band : Shall have thread form Perforated at the free end extending for a length sufficient to cover the range specified in the standards.

HOUSING : The housing shall not be readily removable from the band.

FINISH : Clamp shall be free from burrs or sharp edges. Clamp shall be of natural finish (Stainless Steel) and components from Mild / Carbon steel and/or bolt shall have zinc plating with yellow passivation.

TESTS : Free running Torque : for this purpose the torque required to move the screw in either direction shall not exceed 1 Nm.

GENERAL GUIDANCE :

Note : Klipco Hose Clamps covers the range as stipulated in the standard SAE-J-1508.

TYPE (F)

Clause 12.3.1 - Durability Torque : Screw threads and Slots in the band shall show no evidence of deformation or excessive wear when clamps are tightened once on a steel mendrel to be applied screw torques as per table 23.

Table 23 : Torque Nm

| TYPES OF CLAMPS | MATERIAL | | |
|-----------------------|----------|----------------|------------|
| | CARBON | SS 201/202/410 | SS 304/316 |
| F (Standard) | 5.65 | 6.78 | 6.78 |
| I | 4.52 | 4.52 | 4.52 |
| M, MX | 2.26 | 2.26 | 1.69 |
| HD (Heavy Duty, SLHD) | - | 16.95 | 11.30 |

Clause 12.3.2 - Free Torque : With the band fully engaging the screw the torque required to turn the screw four turns shall not exceed the value as per table 24.

Table 24 :

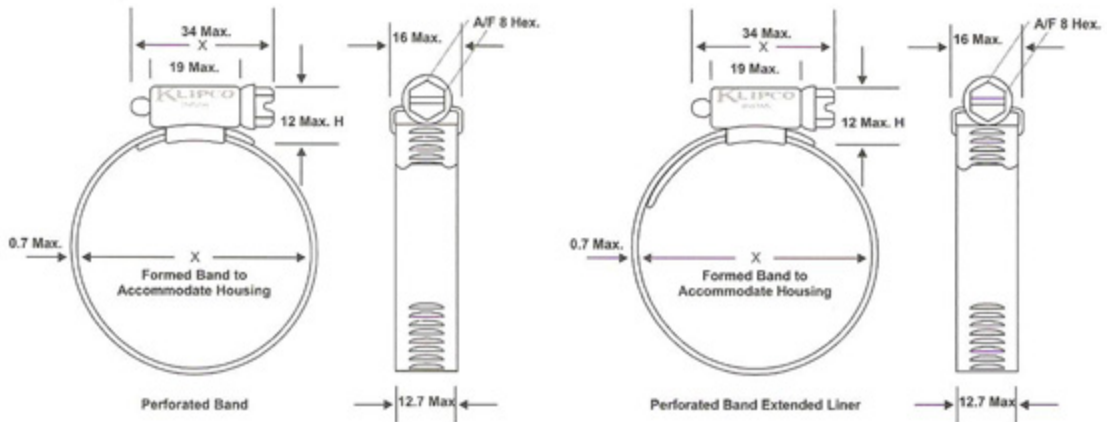
| TYPES OF CLAMPS | MAX VALUE Nm |
|-----------------------|--------------|
| F (Standard) | 0.45 |
| I | 0.45 |
| M, MX | 0.45 |
| HD (Heavy Duty, SLHD) | 0.68 |

Clause 12.3.3.1 - Installation Torque : Good practice indicates that the clamps be installed at 50% to 70% of their rated "Durability Torque".

Assembly Tools : It is advised that use of power tools to install WORM DRIVE CLAMPS be of the Stall Torque Type, use of Clutch Type or Impact Type assembly tools are not recommended.



All Dimensions are in mm



DIMENSION OF CLAMPS

Type F (SAE-J-1508)

| SAE Sizes | IS: 4762 Sizes | KLIPCO Sizes | BS: 5315 Sizes | X Working Range | |
|-----------|----------------|--------------|----------------|-----------------|------|
| | | | | Min. | Max. |
| - | 12 | 000 | 12 | 9.5 | 12 |
| - | 16 | 00M | 16 | 11 | 16 |
| 6 | 20 | 00 | 20 | 13 | 20 |
| - | 22 | 0 | 22 | 16 | 22 |
| 8 | 25 | 25A | 25 | 18 | 25 |
| 10 | - | 0X | - | - | - |
| 12 | 30 | 1A | 30 | 22 | 30 |
| - | 35 | 35A | 35 | 25 | 35 |
| 16 | - | 1 | - | 30 | 38 |
| - | 40 | 1X | 40 | 30 | 40 |
| 20 | 45 | 45A | 45 | 35 | 45 |
| 24 | 50 | 2A | 50 | 35 | 50 |
| - | 55 | 2 | 55 | 40 | 55 |
| 28 | 60 | 2X | 60 | 45 | 60 |
| 32 | 65 | 65 | - | 50 | 65 |
| 36 | 70 | 3 | 70 | 55 | 70 |
| 40 | - | 75A | - | 60 | 75 |
| 44 | 80 | 3X | 80 | 60 | 80 |
| 48 | 90 | 4 | 90 | 70 | 90 |
| 52 | - | - | - | 75 | 95 |
| 56 | 100 | 4X | 100 | 85 | 100 |
| 60 | 110 | 110 | - | 90 | 110 |
| 64 | 115 | - | - | 95 | 115 |
| 72 | 120 | 5 | 120 | 100 | 120 |
| 80 | 130 | 130A | - | 110 | 130 |
| 88 | 140 | 6 | 140 | 120 | 140 |
| - | - | 6X | - | 130 | 150 |
| - | - | 160A | - | 140 | 160 |

LARGER RANGE

| Klipco Size | Outside Diameter of Hose | | Klipco Size | Outside Diameter of Hose | |
|-------------|--------------------------|-----|-------------|--------------------------|-----|
| | | | | | |
| 7 | 150 | 175 | 13 | 300 | 325 |
| 8 | 175 | 200 | 14 | 325 | 350 |
| 9 | 200 | 225 | 15 | 350 | 375 |
| 10 | 225 | 250 | 16 | 375 | 400 |
| 11 | 250 | 275 | 17 | 400 | 425 |
| 12 | 275 | 300 | 18 | 425 | 450 |

As per BS : 5315 & IS : 4762

DIMENSIONS

| Size - X - | Y | Z |
|------------|----|----|
| 12 - 20 | 14 | 25 |
| 22 - 25 | 20 | 25 |
| 28 - 40 | 25 | 30 |
| 45 & above | 28 | 33 |

TORQUE TEST

| Size | Torque Value Nm | 75% Value Nm | Kgf / m | lbf / In |
|----------|-----------------|--------------|---------|----------|
| 12 - 20 | 4.5 | 3.4 | 0.345 | 30 |
| 22 - 28 | 5.6 | 4.20 | 0.435 | 37.5 |
| 30 - 45 | 6.8 | 5.10 | 0.52 | 45 |
| 50 - 60 | 7.9 | 5.92 | 0.60 | 52.5 |
| 70 - 140 | 9.0 | 6.80 | 0.79 | 60 |

HYDRAULIC PRESSURE TEST

| Size | Mpa | Kgf / Cm2 | lbf / In2 |
|----------|------|-----------|-----------|
| 12 - 30 | 1.41 | 14.1 | 200 |
| 35 - 70 | 0.84 | 8.4 | 120 |
| 75 - 160 | 0.42 | 4.2 | 60 |

MATERIALS * SS = Stainless Steel

| Type | Part Details | IS | BS | DIN | AISI | Equivalent All Mild Steel parts are Zinc plated with yellow passivation |
|------|--------------------|----------------|---------------------|------------------|------------------|--|
| W2 | Band | SS 201,202 | 201, 202 | - | 201, 202 | |
| | Housing Screw | SS 430 Carbon | 430 S 15 EN CHQ 970 | 1.4016 1.0213 | 403 MS/Carbon | |
| W3 | Band Housing Screw | SS 201,202,430 | SS 430 | SS 1.4016 | SS 430 | |
| W4 | Band Housing Screw | SS 304 | SS 304 S 17 | SS 1.4301 | SS 304 | |
| W5 | Band Housing Screw | SS 316 | SS 316 S 31 | SS 1.4401 | SS 316 | |



CONSTANT TORQUE 16Nm

STANDARD

STANDARD LINER

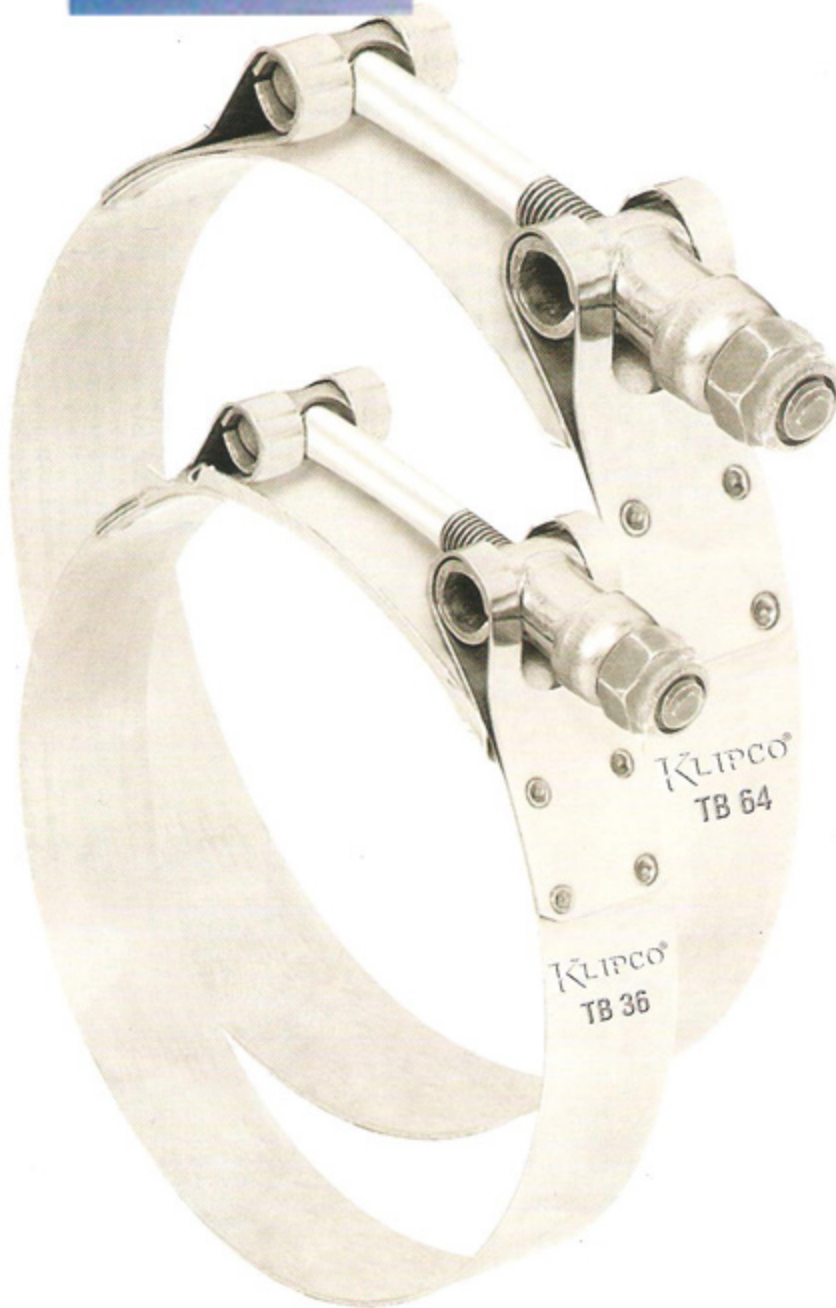
QUICK RELEASE

HEAVY DUTY

HEAVY DUTY



T- Bolt Clamps - TB - SLTB - VB Series as per SAE J 1508



Klipco T-Bolt clamps are for heavy duty applications, provide leak proof connections, withstand temperature, corrosion resistant and vibration. Gives flat and uniform 360° circumference.

Clamps are made in composite materials and all Stainless Steel materials.

| T-Bolt Clamp Components | Materials | | | Dimensions |
|-------------------------|------------------------|-----------------|-----------------|---|
| | Composite | SS 304 | SS 316 | |
| Band & Saddle | SS 201 / 202 | 304 | 316 | Width - 19 mm Thickness - 0.63 mm |
| T - Bolt | Carbon Steel | 300 400 | 300 316 | Q - 6.35 mm & 28 UNF Threads Length - 75 mm OR 82 mm |
| Trunnion, Wrapper, Cap | Mild Steel IS : 513 | 304 | 316 | ---- |
| Nut Hex | CHQ MS Nyloc | 304 Lock Nut | 316 Lock Nut | A/F 11 mm |

All Mild steel Components are Zinc plated & yellow passivated. Clamps are suitable for installation Torque upto 7.9 Nm (70 in-lb)

KLIPCO®

Constant Torque Clamp SAE-J-1508 : Type : SLTB

Klipco SLTB Clamps have constant tightening / loosening i.e. self adjusting, leak proof pressure, during Thermal Expansion and Contraction of hoses between hot & cold cycle of engines.

Klipco SLTB Clamps form a flat and constant 360° grip around the hose. **Klipco SLTB** Clamps are suitable for soft Rubber & Silicon hoses, withstand extreme temperature variations such 135°C at 2/3 bar to -35°C at 0.7 bar (280°F 1.7 PSI to 30°F at 10 PSI).



| SLTB Clamp Components | Materials | Dimensions |
|-----------------------|----------------------|---|
| Band & Saddle | SS | Width - 19 mm Thickness - 0.63 mm |
| Trunnion Cap Wrapper | Mild Steel IS:513 | ---- |
| Washer | Mild Steel IS:517 | ---- |
| Com. Spring | Spring Steel | ---- |
| T - Nut Hex | CHQ MS | A/F 11mm ± 0.15mm |
| T - Bolt | Carbon Steel | Q - 6.35 mm Length - 95 mm 28 UNF Threads |

All Mild steel Components are Zinc plated & yellow passivated. Clamps are suitable for installation Torque upto 7.9 Nm (70 in-lb)



Washers

Spring

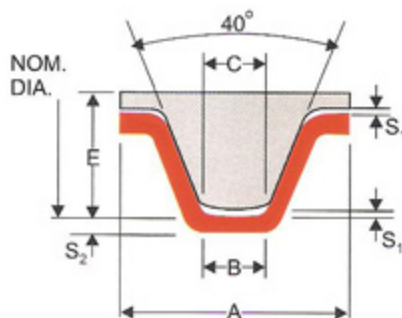
T - Bolt

T - Nut



KLIPCO® V - Band Clamp (Clamping Rings)

- Hold V - Shaped Flanges together
- A Form of Fastener alternative for connecting Pipes, Tubes, Air, Gas, Liquid etc. Lines.
- Ensures Universal Radial Force , dispensing with heavy weight Nut-Bolt Flanges.
- V-Band clamps with single / Double Nut are simple, Flexible, & Tough, Leak Proof & Corrosion resistant.
- V-Band Clamps can have One to Four segments at Buyer's requirements.



| V-Band Clamp Components | Materials | Dimensions |
|-------------------------|-------------------------|--------------------------------------|
| Band | SS 304 | Width - 19 mm Thickness - 1.00 mm |
| Segments | SS 304 | -- x 1.2 mm |
| Trunnion Cap Wrapper | SS 304 | ---- |
| T - Bolt | SS 400 | Q - 6.35 mm Length - 82 mm Max. |
| Lock Nut Hex | SS 304 Silver Plated | A/F 11mm ± 0.15mm |

Clamps are suitable for installation Torque upto 7.9 Nm (70 in-lb)



Klipco K- Bands

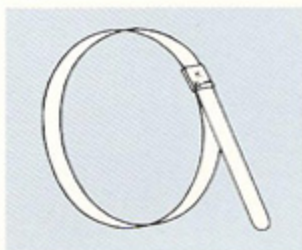
as per SAE J - 1508

CENTRE-PUNCH OPEN-END CLAMPS AND CLAMPING TOOLS

K-BANDS

How to order Klipco Hose Clamps

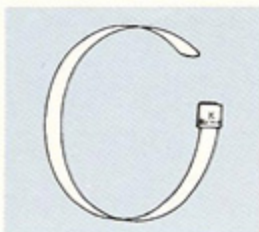
Measure outside diameter of the hose with the fitting inserted. Select the clamp little larger.



Preformed KLIPCO clamps, double wrapped and formed to a given diameter, ready for application.

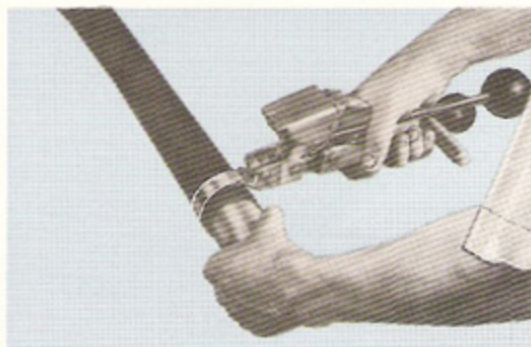
**Hose Clamps are made from
Stainless Steel Non Magnetic
SS 304 material**

Use of hose size in inches or mm is not sufficient-information because different thicknesses of Hose wall result in varying outside diameters.



Open-End KLIPCO clamps, "non-spring" coiled to a given diameter but not "laced-up" through the lock.

Sizes: On Specific Enquiry

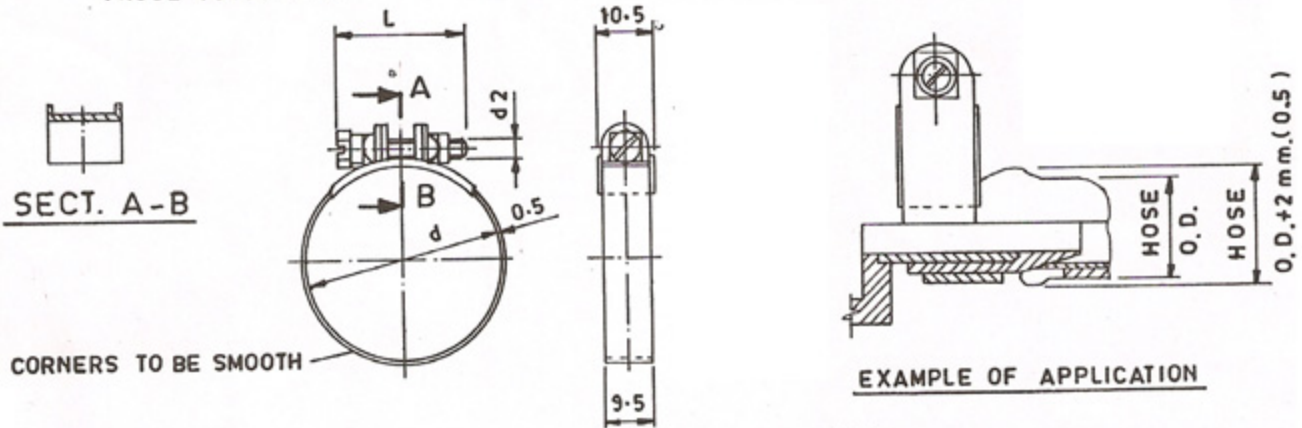


The Finest Clamps of India

Klipco Light Duty Hose Clamps as per DIN 3017

KLIPCO

SCOPE: THIS STANDARD COVERS THE REQUIREMENTS OF SCREW DRIVE HOSE CLIPS FOR SIZES (HOSE OUTER DIA)



- DESIGNATION : ACCORDING TO NOMINCLATURE, NOMINAL SIZE 'd' AND HOSE CLIP 25.
- MATERIALS : BAND: STEEL CR MS IS 513
NUTS: STEEL CONFORMING TO PROPERTY CLASS 8 OF I.S. 1367.
- SURFACE : ALL ITEMS TO BE ZINC PLATED TO Zn 13 OF I.S. 1573.
- PROTECTION :

| NOM. SIZE OF CLIP DIA MM. | SUITABLE FOR NOM. HOSE O.D. IN MM. | L | d2 |
|---------------------------|------------------------------------|----|----|
| 9 | 8-9 | 25 | M4 |
| 11 | 9-11 | | |
| 15 | 13-15 | | |
| 17 | 15-17 | | |
| 21 | 19-21 | | |
| 23 | 21-23 | | |
| 25 | 23-25 | | |
| 29 | 27-29 | | |
| 32 | 29-32 | | |
| 35 | 33-35 | | |
| 37 | 35-37 | | |
| 41.5 | 38.5-41.5 | | |
| 48 | 45-48 | | |
| 50 | 47-50 | | |
| 55 | 52-55 | | |
| 62 | 60-62 | 30 | |
| 81 | 79-81 | | |
| 112 | 112-116 | | |
| 116 | 116-122 | | |



NOTE : Specific SIZES ON INQUIRY

The Finest Clamps of India

KLIPCO®



Constant Torque Clamps (CTC)
SAE - J1508

701
701 - 01

Manufacturers:

KLIPCO PRIVATE LIMITED

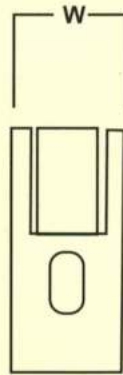
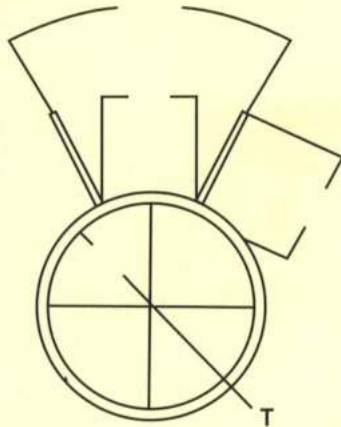
37-D, Govt. Industrial Estate, Kandivali (W), Mumbai - 400 067. • Tel.: 022-28684221/28682257 • Fax: 022-28688348

E-mail: klipco@mtel.net.in • Website: klipcohoseclamps.com



KLIPCO®

Constant Torque Clamp(GTC)



ALL DIMENSIONS ARE IN MM

| NOM SIZE OF CLIP DIA | RANGE ± 0.2 | BAND | | APPLICABLE HOSE OD | HOLDING FORCE MIN. KG. | BAND WIDTH 12 MM | | | | |
|----------------------|-------------|------|----|--------------------|------------------------|----------------------|-------------|-------------|--------------------|-----------------|
| | | T | W | | | NOM SIZE OF CLIP DIA | RANGE | THICKNESS | APPLICABLE HOSE OD | HOLDING FORCE N |
| 6.8 | 6.8 - 8.3 | 0.6 | 6 | 7.5 | 6 | 13 | 12 - 14.2 | 0.8 | 12.5 - 13.8 | 50 |
| 7.8 | 7.8 - 9.5 | 0.6 | 6 | 8.5 | 7 | 14 | 13.3 - 15.8 | | 12.5 - 13.6 | 50 |
| 8.6 | 8.6 - 10.6 | 0.7 | 8 | 9.4 | 7 | 15 | 14 - 16.5 | | 18 - 16.5 | 65 |
| 9.4 | 9.4 - 11.3 | 0.7 | 8 | 10.2 | 7 | 16 | 14.9 - 12.5 | | 15 - 7 | 65 |
| 10 | 10 - 12.2 | 0.7 | 8 | 11.1 | 8 | 17 | 15.6 - 18.8 | | 16 - 17.7 | 65 |
| 11 | 11 - 13 | 0.8 | 8 | 12 | 8 | 18 | 16 - 19 | | 17 - 20 | 80 |
| 11.6 | 11.6 - 13.6 | 0.8 | 8 | 12.5 | 10 | 19 | 17.8 - 20.2 | | 19 - 20 | 130 |
| 12 | 12 - 14.2 | 0.8 | 8 | 13 | 10 | 20 | 18.4 - 21.6 | | 19.5 - 20.5 | 130 |
| 12.5 | 12.5 - 15 | 0.8 | 8 | 13.5 | 12 | 22 | 20.5 - 24.2 | | 21.5 - 23 | 140 |
| 13.1 | 13.1 - 15.5 | 0.9 | 12 | 14 | 12 | 23 | 21 - 24.7 | | 22 - 24 | 160 |
| 13.8 | 13.8 - 16.5 | 0.9 | 12 | 15 | 15 | 24 | 22 - 26 | 23 - 25 | 180 | |
| 14 | 14 - 17 | 1.0 | 10 | 15.2 | 15 | 25 | 23.5 - 26.8 | 24 - 26 | 180 | |
| 14.8 | 15 - 17.7 | 1.0 | 10 | 16 | 15 | 26 | 24.3 - 28 | 26 - 27 | 180 | |
| 15.5 | 15.5 - 18.2 | 1.0 | 12 | 17 | 17 | 27 | 25.2 - 28 | 26.5 - 28 | 200 | |
| 16 | 16 - 19.5 | 1.0 | 12 | 18 | 17 | 28 | 26.1 - 30.2 | 27 - 29 | 200 | |
| 17.8 | 17.8 - 20.2 | 1.0 | 12 | 19.5 | 18 | 29 | 27 - 31.5 | 28 - 30 | 200 | |
| 18.5 | 18.5 - 22 | 1.0 | 12 | 20 | 18 | 30 | 28 - 32.5 | 29 - 31.5 | 200 | |
| 19.8 | 19.8 - 24 | 1.0 | 12 | 21.3 | 20 | 32 | 29.5 - 34.5 | 30 - 33 | 200 | |
| 20.8 | 20.8 - 26 | 1.0 | 12 | 23 | 20 | 34 | 30.6 - 36.4 | 31 - 34.5 | 210 | |
| 21.7 | 21.7 - 27 | 1.0 | 12 | 23.5 | 20 | 35 | 31.5 - 38 | 32.5 - 37 | 210 | |
| 23 | 23 - 28 | 1.2 | 12 | 25 | 20 | 36 | 32.5 - 39 | 33 - 38 | 210 | |
| 25 | 25 - 29 | 1.2 | 18 | 27 | 22 | 40 | 35.5 - 42.5 | 36.5 - 41.5 | 220 | |
| 26 | 26 - 31.5 | 1.2 | 12 | 28 | 22 | | | | | |
| 26.2 | 26.2 - 32 | 1.2 | 12 | 28.5 | 22 | | | | | |



Other sizes on enquiry

Range in 15mm BAND WIDTH available

Material :- Spring steel

D/N : 17222 : MK-75, or 50CRV4/51CRV4,

BS : CS80

SAE :1075 - CK-75

IS : 2507 Grade 6

or equivalent

Heat Treatment : Austempering to HV 470/520

Finish : Iron ZINC and/or as per requirement

Colour : White - Black- Grey or Blue

ISO/TS 16949:2002



A CERTIFIED CO.