Ear Clips
Series 74

Double & Single Ear Clips

The Double, 2 ear or 'O' clip is an inexpensive, easy assembly clip which has many applications in addition to its normal role of sealing hoses against loss of liquid, air or gases. Additionally we offer the 1 ear clip which though slightly more limited in scope, offers an excellent solution to certain clamping applications. Both types are available in mild steel zinc plated and stainless steel as standard.

Advantages:

- All burrs/sharp edges removed to prevent damage to application
- Security, i.e. tamper proof
- Cost efficient
- Speed & ease of assembly
- Aesthetically pleasing/compact & lightweight
- Sealing pressure consistency
- Just as effective on metal to metal connections


e.g.

They have a wide application in manufacturing industries including:

- Agriculture
- Mining
- Construction
- Military
- Aircraft
- Boat builders
- Gas & chemical industries
- Medical equipment
- Welding equipment
- Commercial vehicle manufacturers
- Heating & ventilation
- Compressed air systems
- Caravan manufacturers
- Building & plumbing
- Plant spray equipment
- Vending machines

Materials
W1 Mild steel zinc plated
W4 Stainless steel AISI 304

For stocked range and dimensional data see PAGE 2 & 3

Single Ear Clips with insert

The single ear with insert has similar properties to the single ear clip but is improved due to the deployment of the ring. It is designed for clamping which involves soft/ hard rubber or plastic materials. Used widely within the Automotive Industry, medical and with electrical & electronic components.


e.g.

Why the insert?
Ease of compression when clamping soft materials -
A small pressing stamped in the stainless steel insert ring ensures it maintains its shape while preventing the item you are clamping from extruding into the ear.

Further advantages over the single ear clip are:

- Insert bridges the gap below the clips ear
- Curled edges of the insert prevents damage to the hose

Materials
W1 Mild steel zinc plated
W4 Stainless steel AISI 304
Ring stainless steel AISI 301

For stocked range and dimensional data see PAGE 4

Note: Correctly closing the clip is paramount to achieve optimum sealing performance.

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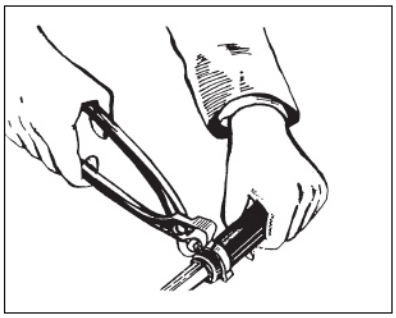
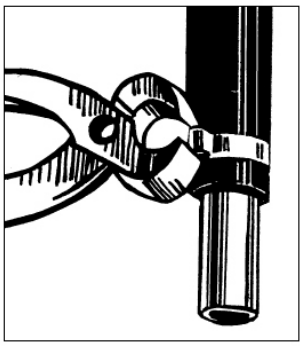
Fitting details

Ear clip pincers are most effective for fitting and removing clips.

Application

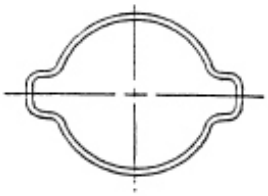


Removal

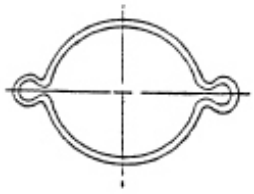


Closure information:

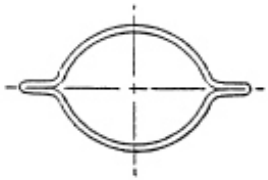
- Correctly closing the clip is paramount to achieve optimum sealing performance.



Open clip



Closed correctly



Closed incorrectly

Selection of the correct size of clip is essential, choose a size approximately 0.4mm above the hose assembly.

The same principle applies to the single ear clip.



Pincers & assortments

Pincers

Description	Part no.
▪ End closing pincers *(pictured)*	50221
▪ Side closing pincers	50217



Assortments

Kit description	Box no.	Ave qty
▪ Mild steel double ear clips 7-9 to 15-18mm	10148	75
▪ Mild steel double ear clips & end closing pincers 5-7 to 23-27mm	40400	137
▪ Mild steel double ear clips & end closing pincers 7-9 to 22-25mm	55455	168



Please enquire for stainless steel versions and single ear with or without insert.

We would be happy to offer kits to your specification, please enquire

Please note, rights are reserved to alter specification without prior notification