

Hydraulic Fittings

"DL" couplings are best suited for stainless steel, copper or stainless steel tubes where brazing, soldering, welding, flaring or threading is not possible or permissible.

To cater all your requirements of spares of Hydraulic & Pneumatic applications from one window, we manufacture many types & designs of fittings and couplings, not only in Steel but also in Brass and Stainless steel in Belgium under name "DL Hydrofit"

Single Ferrule Hydraulic Fittings

Single Ferrule fittings are three piece designs comprising of a Socket having a conical seat, a hardened Progressive Ring and a Nut. When the Nut is progressively tightened it makes the Ring to move on to the tube, which subsequently bites into the pipe, thereby forming a visible collar of material in front of it.



To manufacture such a wide range of Fittings trouble free and leak proof couplings and adaptors, not only the help of standards like DIN: 2353, ISO: 8434 -1, IS: 8805, JIC, SAE, CSN, TGL etc. is taken but many designs like ERMETO, EO, PARKER, IMPERIAL, SWAGELOK, etc; are also being followed.

Threads like ISO 6149 METRIC (MM), METRIC TAPER (MT), BSPP, BSPT, NPT, UN, UNF & SAE straight are used on nut ends and the plug ends.

The widest range of "DL" couplings and fittings are manufactured using extruded and drawn bars and forgings of free cutting Steel & Carbon steel (for steel tubes), Stainless steel 304 / 316 (for SS tubes) & Brass (for copper tubes). All shape items like Elbows, Tees etc; are manufactured from Forgings, which have obvious advantage over plate (a) extreme strength & (b) high impact resistance, whereas Straight items are manufactured from drawn bars.

Various finish like Trivalent Blue Passivated Zinc Plating in regular and Blackening/Phosphated , Zink Yellow passivated being offered. Threaded ends are protected from dust and getting damage, by plastic end covers for a long and safe storage.

Tube to Tube fittings

- Straight Union
- Union Elbow
- Reducing Union.
- Union Tee
- Union Cross
- Reducing Tee.
- Bulkhead Union
- Bulkhead Union Elbow.

Tube to Female Port

- Male Stud Connector - BSP, Taper , Metric and NPT,
- Male Stud Elbow - BSP, BSP Taper , Metric.
- Male branch Tee.
- Male Run Tee.

Tube to Male Thread

- Female Connector - BSP, Metric.

Tube to Tube port. (Adjustable Fittings)

- Swivel Adjustable Eblow
- Swivel Adjustable Branch Tee
- Swivel Adjustable Run Tee
- Stand Pipe Adaptor

- Swivel union.

Banjo Fittings

- Banjo Elbow
- High Pressure Banjo Elbow.

Other Fittings

- Male Female Adaptor
 - Hex Nipple
 - Dead Plug (closure plug)
 - Union Elbow
 - Reducing Union.
 - Union Tee
 - Union Cross
 - Reducing Tee.
 - Bulkhead Union
 - Bulkhead Union Elbow.
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Double Ferrule Swagelok Type Fittings

Double ferrule fittings work on the proven principle of two ferrules swaging to the tube when tightened. As the nut is tightened the front ferrule swages on to the tube making a prominent leak-proof seal and the back ferrule makes a positive impression on the tube with the help of back cone of front ferrule hence making a strong hold on the tube. Make and remake of the fittings is very much eased, as nuts are silver plated internally to prevent galling of threads. The identification between Metric and Inch fittings is made very simple with the help of stepped shoulders in metric fittings.

Our double ferrule compression tube fittings provide leak-free performance on demanding application. A few of industries served include oil and gases, pulp and paper, petro-chemical/ chemical processing, research laboratories, aerospace and defense, power generation, cryogenic and semiconductor, shipbuilding and heavy industries. tube fittings are available in a variety of configuration and sizes that fulfill the need for leak proof gas and fluid containment.



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Tube to Male Thread

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- Dead Plug (closure plug)
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- Reducing Union.
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