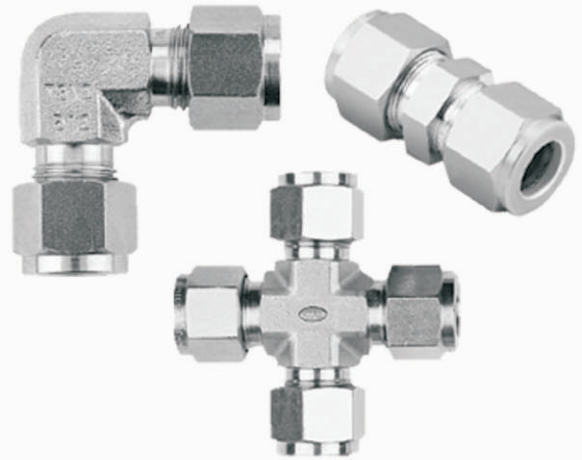




FEATURES:

- Unique three piece design.
- Ferrule takes seat on pipe surface when tightened, thus provides leak proof joint.
- Case hardened ferrule for hard case and soft core for spring action and repeated use.
- Light, Medium and Heavy pressure class.
- Special Manganese based Phosphating treatment of surfaces for corrosion resistance.
- Cadmium plated ferrule for self lubrication. while assembly.
- Special execution for Galvanised 8. Cadmium and Nickel plated finish.
- Metric and Inch series fittings.
- Strict quality check at each stage of manufacture.
- Hydraulic test for compliance for each batch.



APPLICATION:

Hydraulic fittings are designed for use in Oil hydraulic, pneumatic systems, instrumentation systems in chemical plants, steel processing Industries, fertiliser, petrochemical and petroleum industries requiring high degree of precision and reliability. These fittings can be dismantled and reassembled for maintenance without loss of effectiveness of sealing. Fittings are available as standard for CD size metric tubing, Inch series fittings can also be manufactured.

Carbon steel fittings with Cadmium plating can be used in Corrosive application. For very aggressive applications use our Stainless steel fittings in A.I.S.I. 304 or A.I.S.I. 316, which are made in Single or double ferrule construction.

TECHNICAL SPECIFICATIONS:

- Tube Sizes: 6 mm OD to 42 mm OD
- Pressure Ratings: 100 Bar for Light Series.
From 100 to upto 250 Bar for Medium Series.
From 500 to upto 630 Bar for Heavy Series.
- Thread Sizes : From 1/8" to 2" B.S.P. / B.S.P.T. / N.P.T.
From M 8 X 1 TO M 48 X 2 in Metric thread Series.
- Thread Sealing : Tightening through packing collar.
Elastomeric Sealing.
"O" Ring Sealing.
Tightening through Taper male threads.

ASSEMBLY PRECAUTION :

- Cut tubes at right angle without any Burr
- Deburr tubes at O.D. and I.D. before Sttéhfting assembly.
- Lubricate Nut, Ferrule, Tube O.D. and body of fitting with oil.
- Slide ferrule over tube end and check it slides freely over the 2" - 3" of the tube length.
- Ensure to assemble ferrule correctly and net which shall not give leek tight joint.
- Tighten Nut with hand till there is slide time till it reaches step in body.
- Tighten Nut fully with spanner 3/4th turn. Ensure to hold tube from rotating.



STRAIGHT COUPLING : "G"

SERIES	SIZE RANGE
LL	FROM 4 mm OD TO 8 mm OD
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



EQUAL ELBOW : "W"

LL	FROM 4 mm OD TO 8 mm OD
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



EQUAL TEE : "T"

SERIES	SIZE RANGE
LL	FROM 4 mm OD TO 8 mm OD
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



EQUAL CROSS : "K"

SERIES	SIZE RANGE
LL	FROM 4 mm OD TO 8 mm OD
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



BULKHEAD UNION : "SV"

SERIES	SIZE RANGE
LL	FROM 4 mm OD TO 8 mm OD
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



BULKHEAD ELBOW UNION : "WSV"

SERIES	SIZE RANGE
LL	FROM 4 mm OD TO 8 mm OD
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



WELDING CONNECTION : "AS"

SERIES	SIZE RANGE
LL	NOT AVAILABLE
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



PIPE CLOSURE PLUG : "BUZ"

SERIES	SIZE RANGE
LL	NOT AVAILABLE
L	FROM 6 mm OD TO 42 mm OD
S	FROM 6 mm OD TO 38 mm OD



PARALLEL MALE STUD COUPLING : "GE"

SERIES	SIZE RANGE
LL	NOT AVAILABLE
L	1/8" B.S.P. X 6mm TO 1 1/2" B.S.P. X 42mm
S	1/4" B.S.P. X 6 mm TO 1 1/2" B.S.P. X 38 mm



ALSO AVAILABLE WITH METRIC THREADS M10 X 1MM TO M48 X 2 MM IN PLACE OF B.S.P.
ALSO AVAILABLE TAPER MALE STUD COUPLING WITH B.S.P.T. OR NPT THREADS IN PLACE OF B.S.P.

FEMALE STUD COUPLING : "GFP"

SERIES	SIZE RANGE
LL	1/8" B.S.P. X 4mm TO 1/8" B.S.P. X 6mm
L	1/8" B.S.P. X 6mm TO 1 1/2" B.S.P. X 42mm
S	1/4" B.S.P. X 6 mm TO 1 1/2" B.S.P. X 38 mm



ALSO AVAILABLE WITH METRIC THREADS M10 X 1MM TO M48 X 2 MM IN PLACE OF B.S.P.
ALSO AVAILABLE TAPER FEMALE STUD COUPLING WITH B.S.P.T. OR NPT THREADS IN PLACE OF B.S.P.

PARALLEL MALE STUD ELBOW : "WE"

SERIES	SIZE RANGE
LL	1/8" B.S.P. X 4mm TO 1/8" B.S.P. X 6mm
L	1/8" B.S.P. X 6mm TO 1 1/2" B.S.P. X 42mm
S	1/4" B.S.P. X 6 mm TO 1 1/2" B.S.P. X 38 mm



ALSO AVAILABLE WITH METRIC THREADS M 8 X 1MM TO M48 X 2 MM IN PLACE OF B.S.P.
ALSO AVAILABLE TAPER MALE STUD ELBOW WITH B.S.P.T. OR NPT THREADS IN PLACE OF B.S.P.

FEMALE STUD ELBOW : "WX"

SERIES	SIZE RANGE
LL	1/8" B.S.P. X 4mm TO 1/8" B.S.P. X 6mm
L	1/8" B.S.P. X 6mm TO 1 1/2" B.S.P. X 42mm
S	1/4" B.S.P. X 6 mm TO 1 1/2" B.S.P. X 38 mm



ALSO AVAILABLE WITH METRIC THREADS M 8 X 1MM TO M48 X 2 MM IN PLACE OF B.S.P.
ALSO AVAILABLE TAPER FEMALE STUD ELBOW WITH B.S.P.T. OR NPT THREADS IN PLACE OF B.S.P.

PARALLEL MALE STUD RUN TEE : "TE"

SERIES	SIZE RANGE
LL	1/8" B.S.P. X 4mm TO 1/8" B.S.P. X 6mm
L	1/8" B.S.P. X 6mm TO 1 1/2" B.S.P. X 42mm
S	1/4" B.S.P. X 6 mm TO 1 1/2" B.S.P. X 38 mm



ALSO AVAILABLE WITH METRIC THREADS M 8 X 1MM TO M48 X 2 MM IN PLACE OF B.S.P.
ALSO AVAILABLE TAPER MALE STUD RUN TEE WITH B.S.P.T. OR NPT THREADS IN PLACE OF B.S.P.

PARALLEL MALE STUD BRANCH TEE : "TE"

SERIES	SIZE RANGE
LL	1/8" B.S.P. X 4mm TO 1/8" B.S.P. X 6mm
L	1/8" B.S.P. X 6mm TO 1 1/2" B.S.P. X 42mm
S	1/4" B.S.P. X 6 mm TO 1 1/2" B.S.P. X 38 mm



ALSO AVAILABLE WITH METRIC THREADS M 8 X 1MM TO M48 X 2 MM IN PLACE OF B.S.P.
ALSO AVAILABLE TAPER MALE STUD BRANCH TEE WITH B.S.P.T. OR NPT THREADS IN PLACE OF B.S.P.

Also Available:

Swivel fittings such as Swivel Elbow "EVW", Swivel TEE "EVT", Swivel Banjo Connection "SWVE" & Throttle free Swivel Banjo type Elbow "DSVW". Full range of fittings for tubes of 4 MM OD to 42 mm OD with Elastomeric Seals, 'O' Rings and welding Nipples are also available. Full range of Reduction sleeves, spare nuts and spare ferrules. Upon Special request all the fittings can be made to suit Inch size Nominal Bore pipes in place of OD tubings.

Series	Pipe O D	Pressure:
LL	4 - 8 mm	100 Kg/cm ²
L	6 - 15 mm	250 Kg/cm ²
	18 - 22 mm	160 Kg/cm ²
	28 - 42 mm	100 Kg/cm ²
S	6 - 14 mm	630 Kg/cm ²
	16 - 25 mm	400 Kg/cm ²
	30 - 38 mm	250 Kg/cm ²

Application

Low Pressure Application such as Lubrication systems, Pneumatic piping.
Mid Pressure Application such as Hydraulic Piping.
Extra Heavy duty applications such as Rolling Mills, Mining Application
Steel Plant, Steel Processing Units involving severe mechanical stresses.

Also Contact For:

- 1) All types of SS Fittings in single Ferrule - Parker Type and double Ferrule - Swagelok type fittings.
- 2) All types of olive drum type brass Fittings.
- 3) Copper and PVC covered copper tubings..
- 4) All types of Pressure, temperature, level and flow measuring and control instruments.