



TECHNOMECH INTERNATIONAL





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Sr. No.	Category Of Items	Size Specifications
SEAMLESS TUBE		
	Tubes Design as per DIN 2391 / ISO 3304 part-1	Bending as per our technical manual
	From 6 mm OD to 50 mm OD	Threads - JIC / DIN / BSPP /BSPT /NPT
	From 1/2" NB to 6 " NB Tube	Heat Treated / Annealed Possible
	MOC - C.S. / S.S. 304 / S.S.316 / BRASS /MONEL	Test Certificates will be Submitted
	Indian / Imported will be the best Quality	Suitable for Welding Applications
TUBE FITTINGS DIVISION		
1 - A	Single Ferrule Design - Din 2353 Type	For 6mm To 50 mm OD - Light & Heavy Series
1 - B	Double Ferrule Design	For 1/4 " OD TO 2 " OD Pipe
1 - C	Instrument Thread Fittings	For 1/4 " BSPT / NPT TO 2 " BSPT / NPT Sizes
1 - D	JIC 37 Degree Flared Fittings	1/4 " UNF UP TO 2 " UNF Threads
1 - E	SAE Standards UNF Pipe Fittings	1/4 " UNF UP TO 2 " UNF Threads
1 - F	O Ring Face Sealing Type	Metric & Inch Tubing
1 - G	Interlock (Rubber Soft Sealing - Ferrule Type)	For 6mm to 50mm OD - Light & Heavy Series
1 - H	JIS - Metric / Bsp - 30 Cone Type	For 6mm to 50mm OD / 1.4 " BSPP TO 2 " BSPP
1 - I	Socket Weld Type Fittings	1/4 " NB Tube to 6 " NB Tube
2 - A	Standard Series - Part - 1	6mm TO 50 mm
2 - B	Heavy Series - Part - 2	6 mm TO 200 mm
2 - C	Twin Series - Part -3	6 mm TO 50 mm
2 - D	Multi Level Design	6 mm TO 200 mm
2 - E	Mountain Rail Design	6 mm TO 200 mm
2 - F	Rubber Insert Design	6 mm TO 200 mm
2 - G	Aluminum Pipe Clamp Heavy Series	6 mm TO 200 mm
3 - A	Metric Din Males / Females	6 mm TO 200 mm
3 - B	BSPP Males / Females	1/8 " BSPP TO 3 " BSPP Threads
3 - C	JIC Flared Males / Females	1/4 " UNF up to 2 " UNF Threads
3 - D	JIS Metric / BSPP Males / Females	6 mm to 200 mm & 1/4 " BSPP to 2 " BSPP
3 - E	ORFS Type	For 6mm To 50 mm OD - Light & Heavy Series
3 - F	SAE Flanges Code 61 & Code 62	1/4 " UNF up to 2 " UNF Threads
GROUP-4A		
	Needle Valve - Manifold Design	1/4 " BSP/NPT to 2"
	Needle Valve - Screwed End- Male / Female	1/4 " BSP/NPT to 2"
	Needle Valve - End Tube Fittings Design	1/4 " BSP/NPT to 2"
	Needle Valve - Mini Series	1/4 " BSP/NPT to 2"
	Needle Valve - High Pressure Series	1/4 " BSP/NPT to 2"
GROUP-4B		
	Ball Valve - 2 Way Design	1/4 " BSP/NPT to 2"
	Ball Valve - 3 Way Design	1/4 " BSP/NPT to 2"
GROUP-4C		
	Check Valve- Screwed End - Male / Female	1/4 " BSP/NPT to 2"
	Check Valve- End Tube Fittings Design	1/4 " BSP/NPT to 2"
GROUP-4D		
	Flow Control Valve with Throttle	1/4 " BSP/NPT to 1"
	Throttle Valve	1/4 " BSP/NPT to 2"



Sr. No.	Category Of Items	Size Specifications
QUICK RELEASE COUPLING		
5 - A	Through Bore Design	1/4 " BSP/NPT to 2"
5 - B	Single Check Valve Design	1/4 " BSP/NPT to 2"
5 - C	Double Check Valve Design	1/4 " BSP/NPT to 2"
5 - D	Screw Type - High Pressure Application	1/4 " BSP/NPT to 2"
5 - E	Flat Face Sealing Type	1/4 " BSP/NPT to 2"
CAMLOCK COUPLINGS		
5 - A	Socket Weld Type	Size - 1/4 " to 6 " (F) or (M) Style
5 - B	Hose Fittings Type	Threads - JIC / DIN / BSPP /BSPT /NPT
5 - C	Male or Females End Threads	Flange Type & Others
5 - D	Metric DIN Males/ Females	
HYDRAULIC FLANGES AND COMPONENTS		
7 - A	Socket Weld Male/ Female Type	SIZE - 1/4 " to 6 " (F) or (M) Style
7 - B	BSPP / JIC / Metric Male / Female Type	Threads- JIC / DIN / BSPP /BSPT /NPT
7 - C	Split / Captive Design	
7 - D	Forged Flange Elbow Design	
HYDRAULIC ACCESSORIES - AS ENCLOSED		
8 - A	Dowety Washers / Bonded Seals	As Per Buyers
8 - B	O Ring	Order
8 - C	Washers	As Per Buyers
8 - D	Nut / Bolts	Order
8 - E	Suction Strainers	
8 - F	Pressure Gauges Snubber	As Per Buyers
8 - G	Oil Level Indicators	
8 - H	Pressure Gauges	As Per Buyers
8 - I	Gauge Isolator	Order
OUR NEW DEVELOPMENT IN VALVES & FITTING		
9 - A	Pressure Relief Valve	As Per Drawings
9 - B	High Pressure Fittings Up to 60,000 PSI	& Order Sizes
9 - C	Excess Flow Valve	
9 - D	Minimess Diagnostic Couplings	As Per Drawings
9 - E	Hose Nipple Fittings	& Order Sizes
9 - F	Banjo Fittings for Auto Fuel Line	



COMPANY MANUAL

Type Of Company	Manufacturer & Exporter
Group Companies	Since Year 1994
Year Of Established	Since Year 2000
Brand Name / TradeMark	
Certification	ISO 9001: 2000 Certified from “UKAS “ (Under Process)
Participation	Maha-tech Exhibitions At Pune – April, 2008
Manufacturing On	CNC Make Machines

TECHNOMECH INTERNATIONAL is a Leading Manufacturing Organisation For Hydraulic & Industrial Engineering Products Which Is Utilise As Connecting Equipments To Motion & Control Equipments In Industrial Projects.

We are Specialise & having years of Practical Experience In Design /manufacturing & Development for any types of Hydraulic Tube Fittings, Valves, Flanges, Pipe Clamp, Hoses, qrc & Other Spares As Per Your Specification & Drawings.

We make these products out of Mild Steel /Carbon Steel /S.S.304/316 Materials & As Per DIN, SAE & ISO Standards Only.

Our Products Have Been Supplies To Aircraft Equipment Manufacturer / Steel Plant / Oil & Gas Industries / Railways / Marine Industries / Automobiles & Heavy Whiles Manufacturer & many more various application Industries .

Also To Cater The Urgency Of Our Valuable Buyers, We Have Sufficient & Huge Ready Stock Of All Types Of Fittings / Valves / Pipe Clamp Items At Our Mumbai Godowns.

Our Experience & Good Will Prooves by our valuable & well known Indian Buyers Like Indian Railways / Western Railways / Dlw /rail Coach Factory / Air Craft Manufacturer / Jindal Group / Birla Group / Wipro / Bosch –Rexroth /ONGC (Consultant) / Ispat Group / MCFL & Many More

Also we would like to add that not only from India but Overseas Industries Are Also Familier with our Brands & Countries Like Spain / Greece /Singapore / S.A. /Bahrain / U.A.E. /Thailand / Ukraine & many more are with us as Best Buyers Since Past Two Years.

SEAMLESS TUBES



Tubes Design As Per Din 2391 / Iso 3304 Part-1
From 6 mm OD To 50 mm OD
From 1/2" NB TO 6" NB Tube
MOC - C.S. / S.S. 304 / S.S.316 / BRASS / MONEL
Bending as Per our Technical Manual
Heat Treated / Annealed Possible
Test Certificates will be submitted
Suitable for welding applications
Indian/imported will be the best quality

Steel Type	Tensile strength R _{ln}	Yield point ReH	Ductile yield AS (longit.)	Condition
Fine grain quality (RR) St. 37.4 as per DIN 1630	340 M/mm ² Min 49,000 lb/in ²	235 N/mm ² min. 34,000 lb/in ²	25% min.	Seamless, cold drawn under inert gas. Normal annealed, abbreviation NBK. DIN2391C, Part a

Steel Type	Tensile strength R _m	Yield point (1 % proof stress)	Ductile yield A5 (longit.)	Condition
Abbreviation 1.4571 X6CrNiMoTi17122	500 N/mm ² min. 72,500 lb/in ²	£45 N/mm ² min. 35,500 lb/in ²	35 % min.	Seamless, cold drawn free of Scale, Heat treated in accordance
Abbreviation 1.4541 X6CrNiTi1810	500 N/mm ² min. 72,500 lb/in ²	235 N/mm ² min. 35,500 lb/in ²	35 % min.	With DIN 17458 tab. 6

1. Steel types, mechanical properties, conditions

Steel types, mechanical properties and conditions of steel tubes

2. Tests and certifications

All tubes are subjected to a non-destructive leak test and marked accordingly as proof. This marking replaces a works certificate DIN 50 049-2.2. Test class 1 DIN 17458 Table 7 applies for tubes made of 1.4571 and 1.4541.

3. Recommended bend radius

A bend radius of 3x the external tube diameter is recommended for cold bending of tubes with tube benders or by hand.

4. Welding suitability and weldability

Tubes of ST37.4 are weldable according to usual techniques. Types made of 1.4571 and 1.4541 (stainless) are suitable for arc welding. The welding filler should be selected in accordance with DIN 8556 part 1 taking into account the type of application and the welding technique.

5. Approximate calculation of the flow resistance in straight tube lines

The flow resistance and thus the tube line efficiency is influenced by the tube inside diameter, the volume flow (measured or calculated) and the properties of the medium. Laminar flow should be considered in order to keep losses in the system down to a minimum. The transition from laminar to turbulent flow, which brings an increase in the flow resistance is generally defined by the Reynolds number Re 2320. Since the transition cannot be pinpointed exactly, the transition range can only be determined by measuring. If, for simplified calculation, transition at Re 2320 and a 'technically smooth' tube inner surface are assumed, the limit speeds w_{crit} and the laminar to turbulent flow volume flow $\dot{V}_{crit}$ when transition takes place, can be estimated according to the following formulas:

$$w_{crit} = \frac{2.32 \cdot \nu}{d_i} \text{ [m/s]}$$

$$\dot{V}_{crit} = 0.109 \cdot d_i \cdot \nu \text{ [l/min]}$$

$$d_i = \text{tube bore } \varnothing \text{ in mm}$$

$$\nu = \text{kinematic viscosity in mm}^2/\text{s}.$$

For approximate calculation of the pressure drop in bar/1 m tube length, the following formulas can be used:

1. Laminar range

$$\rho_v = \frac{0.32 \cdot w \cdot \nu \cdot \rho}{d_i^2 \cdot 10^3} = \frac{6.79 \cdot \dot{V} \cdot \nu \cdot \rho}{d_i^4 \cdot 10^3} \text{ [bar/1 m]}$$

2. Turbulent range:

$$\rho_v = \frac{0.281 \cdot w^{1.75} \cdot \nu^{0.25} \cdot \rho}{d_i^{1.25} \cdot 10^3}$$

$$= \frac{59 \cdot \dot{V}^{1.75} \cdot \nu^{0.25} \cdot \rho}{d_i^{4.75} \cdot 10^3} \text{ [bar/1 m]}$$

w = flow speed in m/s; ν = kinetic viscosity in mm²/s; $\dot{V}$ = volume flow in l/min.; ρ = density of the medium in kg/ms; d_i = pipe internal diameter in mm.

Detailed calculations of the flow resistance require an exact knowledge of the tubeline system and the operating conditions. Refer to the relevant literature for other methods of calculations

TUBE FITTING DIVISION

METRIC 24 DEGREE CONE – SINGLE FERRULE BITE TYPE TUBE FITTINGS



These fittings are the most widely used bite type fittings in the world. This fitting is a flareless bite type metric fitting that consists of a body, progressive ring (ferrule) and nut. On assembly, two cutting edges of the ferrule "bite" into the outer surface of the tube ensuring the necessary holding power for high operating pressures. Available in three series, this tube fittings and accessories are manufactured in accordance with DIN 2353 for fluid applications. Three series of these tube fittings (LL, L and S) and accessories are manufactured in accordance with DIN 2353 on the basis of decades of experience. The three components of fittings are designed and manufactured to produce a strong, reliable, leak-free joint upon proper assembly.

INTERLOCK (SOFTSEALING FERRULE RING) METRIC 24 DEGREE CONE TUBE FITTINGS



The heart of this fitting is the new functional nut with which previously metallically sealed tube connections can now be soft sealed. Naturally, all fittings in this series are fully compatible with our single ferrule design (DIN 2353) range of products and can be combined with these. For more demanding applications, in particular for new designs, we recommend the use of Inter lock fittings.

This latest development from is a fitting system with a soft seal on the tube side and a 24° cone according to ISO 8434-1/DIN 2353. The soft sealing and retaining rings are combined in a pair and are inserted into the internal thread of the nut in such a manner that they cannot fall out, so that these three parts form one functional element. This functional nut simplifies handling of the fitting and helps to minimize storage and procurement costs.

COMPRESSION TYPE –DOUBLE FERRULE LOCK TUBE FITTINGS



- ❑ Instrumentation, High Pressure And Temperature, Cryogenic Service & Low Torque Assembly Lines.
- ❑ Compression Type Double Ferrule Design To Leak Proof Application For Gases / Petroleum Industries
- ❑ Available In Brass , Steel , Stainless Steel Materials , Easy To Interchange & Gauge Ability
- ❑ Sizes Can Be From ¼ " Od Tube To 2 " Od Tube (2 Mm To 38 Mm Od Tubing)
- ❑ Variety Of End Connections & Pattern Designs For Tube Fittings
- ❑ Sure Ring Against Overtight And Gap Gauge For Inspection Gap

INSTRUMENT THREADS PIPE FITTINGS & PORT ADAPTORS



There are many types of threads used throughout the world. This Section contains adapters with just a few of those many thread types including NPT, NPTF, NPSM, BSPT, BSPP, SAE UN/UNF, and Metric. All the threads in this section conform to industry specifications.

Available in threads & weld fittings design

Straight body is from single bar stock & Elbow & Tee type design from Forged body only.
Precision threads construction to ensure leak free and reliable systems

FLARED FITTINGS JIC 37 DEGREE CONE



The flared tube fitting consists of three pieces: the body, the nut and the sleeve. The tube end is flared at a mating 37° angle and sandwiched between the fitting nose (seat) and the sleeve creating an effective seal between the fitting nose and tube flare or hose. These fittings are manufactured in steel, 316 stainless steel and brass for optimum fluid compatibility and corrosion resistance.

Furthermore, available sizes range from 1/8" tube O.D. to 2" tube O.D. in several configurations. (Standard ports include: SAE, straight thread ISO-6149, NPT, BSPT, BSPP and DIN.) This tube fitting is also readily available for metric tubing and hose adapter applications. Simply by changing the industry standard sleeve, the same fittings body can be adapted to metric tubing in sizes ranging from 6 mm tube O.D. to 38 mm tube O.D. Likewise, by using only the body without the nut and sleeve, this fitting is used as an industry standard hose adapter.

AN ISO 9001 : 2015 & 14001:2015 CERTIFIED

O RING FACE SEAL TUBE FITTINGS & ACCESSORIES



This fitting is an O-ring face seal type fitting that consists of a nut, a fitting body, an O-ring and a sleeve. A flat face sleeve is flanged or brazed to the tube and when the fitting is assembled, it compresses an O-ring in a precision machined groove in the fitting body to form a leak tight seal.

Fittings are suitable for any range of tube wall thickness and are also readily adaptable to pipe, metric tubing and hose. This connection can be made with either metric or inch tubing by choosing the appropriate sleeve. There are over thirty different body shapes and straights to choose from for specific applications.

The body face has a groove which contains a high durometer O-ring that is held captive during installation. In addition, these fitting body shapes are forged for added strength and longer service life. Straight products are made from cold drawn barstock. Fittings are manufactured with a captive O-ring groove (CORG) design for prevention of O-ring fall-out prior to final assembly.

METRIC / BSPP BITE TYPE - 30 DEGREE JIS B 2351 STANDARDS TUBE



- ❑ These fittings are widely used for hydraulics, pneumatics and lubrication purposes. Max operating pressure up to 3500 PSI
- ❑ Available in Brass, Steel & Stainless Steel materials only
- ❑ Temperature ranges up to 427 Degree C
- ❑ Mainly used by countries like Korea / Japan
- ❑ Normally BSPT / NPT threads are used for end sealing

HOSE ADAPTORS AND ACCESSORIES 60 DEGREE CONE



- ❑ These fittings are known as adaptors for hose application & mainly for BSP / BSPT / NPT series. These adaptors are connectors between any two parts to help changeover from one size to others
- ❑ These adaptors are available in Brass / Steel / Stainless Steel / Monel materials.
- ❑ These adaptors have a range for W.P. up to 10,000 PSI also
- ❑ The design for these adaptors is as per world standards only.
- ❑ Straight body is from single bar stock & elbow & tee type design from forged body only. Precision threads construction to ensure leak free and reliable systems

WELD NIPPLE FITTINGS



Weld nipple fittings with an O-ring seal between weld nipple and fitting body give impressive tear out resistance and sealing integrity

Weld Nipples SKA conform with DIN 3865 form A.

Fitting bodies and nuts are fully interchangeable for weld nipple and for 2/3 progressive ring fittings of the same series and external tube diameter.

Materials and surface protection:

Steel phosphated and oiled. O-ring of NBR (e.g. Perbunan).

Stainless steel 1.4571, O-ring of FPM (e.g. Viton)

Welding suitability and weldability:

Weld nipples, tube bend weld nipples and ASK types made of steel are weldable according to usual techniques. Types made of 1.4571 (stainless) are suitable for arc welding. The welding filler should be selected in accordance with DIN 8556 part 1 with consideration of the type of application and the welding technique

Tube recommendation

We recommend the use of tubes in steel and stainless steel as illustrated in this catalogue. Make sure that the tube with the weld nipple is assembled straight and without built stress.

Nominal Pressure (PN) of complete Weld Nipple fittings

The nominal working pressure (PN) of a complete weld nipple fitting is dependant upon the least rated component, i.e. tube, weld nipple or fitting. The component out of these three with the lowest rated pressure or working pressure determines the nominal pressure (PN) of the complete fitting.

Permissible temperature range:

For weld nipples, tube bends with weld nipples and ASK types of steel with O-rings of NBR (e.g. Perbunan): -35°C to + 100°C FPM (e.g. Viton) : -25°C to + 200°C without pressure reductions.

For temperature range and necessary pressure reductions for weld nipples, weld nipple fittings and ASK types of 1.4571, see corresponding page.

Fitting assembly:

1. Cut off the tube square, deburr and bevel the end of the tube in conformance with DIN 2559.
2. Slide nut onto the weld nipple.
3. Weld nipple to the tube according to normal welding procedure. The tube and nipple must be aligned. Before welding, please remove the T-nut.
4. Dress the weld on the inside and outside.
5. Fit the O-ring without twisting. The taper, the nut and the cone must all be clean.
6. Oil the nut, taper and cone and thread before assembly.
7. Screw on the nut by hand. Fully tighten using a spanner with 1 k to 1 k turns.

PIPE CLAMP AS PER DIN 3015 STANDARDS



This Product has Ribs in the Bore are impact and Vibration Dampening and Provide Strength in Direction of the Tube Axis. This Ensures a High Degree of Sound Deadening.

THE PRODUCT HAS BASICALLY THREE SERIES AS PER DIN 3015 STANDARDS & IT IS AS FOLLOWS:

- ❑ Selection For **Light Series Pipe Clamp / Twin Series Clamp**
 - ❑ Recommended for systems having operating pressure less than 1500 PSI & no dynamic loads.
 - ❑ Recommended for normal mechanical stresses application
- ❑ Selection for **Heavy Series Pipe Clamp**
 - ❑ Recommended For Systems Having Operating Pressure More Than 1500 Psi With Wide Temp. Fluctuations.
 - ❑ Recommended For High Mechanical Stresses Application

BENEFITS OF PIPE CLAMP AMONGST OTHER

- ❑ Pipe Clamps Are Designed & Developed As Per Din 3015 World Wide Approved Standards.
- ❑ Our Pipe Clamps Are Symbolise Quick & Easy Installation As Well As A Clean Distinct Pipe Lay Out.
- ❑ Special RIB Design to Our Pipe Clamp Reduces Vibration & Noise Pollution In the Pipe Lines.
- ❑ Ve-Icok Clamps provide rigid support to the Pipe Lines & absorb shock & Vibration.
- ❑ Our Aluminium Clamps Design can withstand up to 400 Degrees Temp.

Product	Pipe Clamp
Standard	Din 3015 –part 1 / Part 2 /part 3
Standard Series	For Pipe OD -6 mm to 102 mm
Heavy Series	For Pipe OD – 6 mm to 450 mm
Twin Series	For Pipe OD 6 mm to 42 mm
Accessories	Clamps With Rubber Insert Clamps With Mountain Rails Clamps With Stacking Layers
Construction Of Clamp Body	Both Clamp Valves are identical

Materials of clamp halves	Selection as per application area	
Standard Material	Polypropylene	PP – Reliance –H110 ma
Colour Code	Light Series	Dark Green
	Heavy Series	Dark Green
On Request	POLYAMIDE - NYLON	Black Colour
	Aluminum - Al	Natural



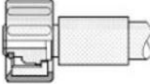
Types Of Flanges For Various Application

- ☐ Split Type Design
- ☐ Captive Type Design
- ☐ Socket Weld Type Design
- ☐ Welding Neck Type Design
- ☐ Female BSP / NPT / JIC / DIN Threads
- ☐ 90 Degree Female / Male Threaded Type Design
- ☐ Male Threads As Per DIN / JIC / BSP / NPT Type Design

Feature	Advantage	Benefit
Conform to SAE J518 and ISO G162	Controls dimensions and tolerances of code 61 and 62 port connections	Insures interchangeably and consistency
Forged Construction	Reliable, long life performance	No downtime, reduce cost
	Compact envelope- size, no sharp edges	Reduced /Weight
Over 60 Configurations	Flexiblity in plumbing match system needs	Best solution and best value
Technology	Designed to be used with Code 61/62 fittings	Eliminates messy and time consuming brazing process
Mounting Hardware	Grade a bolts standard	Performs in rigorous applications for the life of the flange
Flanges Kits	Flange with hardware for mounting (O-ring, bolts and bckwashers)	Reduces order and assembly error
Available in sizes	3/8 " NB tube upto 6 " NB tube	Smaller tubes to larger tubes
Materials of Constructions	C.S./ S.S.304 / S.S. 316 grades	Test Certificates

HOSE END FITTINGS

- Brand - “ ”**
- Mat Buffed / Shine Buffed –** Stainless Steel
- Surface Finish –** Yellow Zinc Plated / Trivalent Plated – For Steel
- Compatible With –** All Hydraulic High Pressure Hoses Of Gates / Pix / Markwel / alfagomma & Other Equi. Standards.
- Sizes –** For 1/8 “ ID To 2 ” ID Hoses
- MOC –** Carbon Steel / Stainless Steel – 304 / 316 / 316 L / Brass
- Types –** Straight / 45 Degree Bend / 90 Degree Bend
- “ ” End Configuration –** DIN / SAE / IS / JIC / JIS / ORFS / Flanges

					
DN5 to 16 Universal metric female, mating with flare(60 drgree) DIN 7631 & DIN 7647 up to 16, flare (24 degree) DIn EN ISO 8434-1 fight series	DN 5 to 16 Universal metric female, light series as AO but 45 degree elbow	DN 5 to 16 Universal metric female, light series as AO but 90° elbow	DN 6 to 40 Form N DIN 20078 Coimection with O-ring to fit flare (24°) DIN EN ISO 8434-1 light series	DN 6 to 40 as A05 but 45° elbow	DN 6 to 40 as A05 but 90° elbow
					
DN 6 to 25 fitting with BSP union nut mating with flare (60°) with pipe threadG (D6)	DN 6 to 25 as A5but 45° elbow	DN 6 to 25 as A5 but 90' elbow	DN 6 to 32 Form P DIN 20078 Fitting with O-ring to fit flare (24°) DIN EN ISO 8434-1 heavy series	DN 6 to 40 as A05 but 45° elbow	DN 6 to 32 as B5 but 90° elbow
					
from DN 20 Form C DIN 20078 Fitting corresponding to spherical sleeve to DIN 3863 mating with flare (60°) DIN 7631 and DIN 7647 from DN 20	from DN 20 up as CO but 45° elbow	from DN 20 up as CO but 90° elbow	DN 6 to 40 Form D DIN 20078 Fitting corresponding to flare (24°) DIN EN ISO 8434-1 light series	DN 6 to 25 flared (60°) fitting with pipe thread G to fit connector with BSP union nut (A5)	DN 6 to 10 Metric female, for high pressure cleaner
					
DN 6 to 32 Form E DIN 20078 Fitting corresponding to flare (24°) DIN EN ISO 8434-1 heavy series	DN 5 to 40 Fitting corresponding to standpipe DIN 3901 heavy series with pipe thread G Threaded male. Form A to DIN 3852	DN 6 to 25 Male NPFT ANSI 81.20.3	DN 6 to 25 Fitting corresponding to banjo DIN 7642 mating with banjosrew DIN 7643	DN 6 to 25 Fitting corresponding to male JIC with 37° taper mating with JIC fitting 37° with union nut	DN 6 to 40 Fitting mating with ferrule DIN 3861 and union nut DIN 3870 on flare (24°) DIN EN ISO 8434-1 light series (avoid where possible) use fitting A0/A05

					
DN 6 to 25 as KO but with 45° elbow (avoid where possible) use fitting A2/A25	DN 5 to 16 Universal metric female, light series as AO but 45 degree elbow	DN 6 to 32 Fitting mating with ferrule DIN 3861 and union nut DIN 3870 on flare (24°) DIN EN ISO 8434-1 heavy series (avoid where possible) use fitting B5	DN 6 to 25 as LO but with 45° elbow (avoid where possible) use fitting B7	DN 6 to 25 as LO but with 90° elbow (avoid where possible) use fitting B8	DN 12 (13) to 40 Form R and S DIN 20078 NO and N1 up to 5000 psi N5 to 6000 psi Flange to ISO 6162 and SAE J518
					
DN 12 to 40 N2 as NO but 45° elbow N7 as N5 but 45° elbows	DN 12 to 40 N3 as NO but 90° elbow N8 as N5 but 90° elbow	DN 6 to 25 ORFS fitting corresponding to SAE J1453 in future ISO 8434-3 with union nut	DN 6 to 25 as 91 but 45° elbow	DN 6 to 25 as 91 but 90° elbow	DN 6 to 25 ORFS fitting corresponding to SAE J1453
					
DN 5 bis 25 Fitting corresponding to JIC Standard mating with JIC flare with 373 sealing cone in future ISO 8434-2	DN 5 and 25 as G5 but 45° elbow	DN 5 bis 25 as Q5 but 45° elbow			

QUICK RELEASE COUPLING

1) PUSH & PULL TYPE QRC -



Sizes – 1/8 “to 2 “ – Males And Females

End Configurations – BSPP / BSPT / NPT / JIC / IS / DIN & Others

Inbuild Valves – Single / Double Non Return Valve / Thorough Bore Design

Application Industry - General Purpose For All Types Of Application As Per Valves Design

MOC - as per world standard

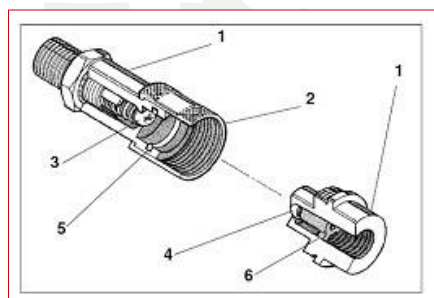
A) Body :- Available In Brass /C.S.-CHROME Plated (from Bar Stock Only) Also Available In S.S. -304 & S.S.-316 (from Bar Stock Only)

B) Spring :- Available In Spring Steel S.S.-304 / S.S.316 As Required

C) Ball :- Available In Steel ,S.S.-304 & S.S.-316

D) Seal Materials:- Available In Nitrile, Viton, Neoprene, Silicon Materials.

2) SCREW TYPE HIGH PRESSURE (UP TO 10,000 PSI)QRC



Applications :

3000 Series couplings with their threaded union locking system & precision ball-type check valves, are designed for extreme high pressure applications such as found on portable hydraulic rams. See pages noted in table of contents for dust plugs & caps for the full line of hydraulic couplings.

Features :

- Machined from solid steel barstock for durability.
- The 3000 Series employs a threaded sleeve locking mechanism, mates with matching male threads on the nipple. The two halves must be manually threaded together for Connection.
- Hard, chrome alloy balls are used for valving. They are spring loaded for positive seating of the valve.
- Anti blowout Nitrile / PTFE bonded nipple seal.
- The valve provides a metal-to-metal seal between the ball & a coined seat.
- The interface seal is polyurethane which resists high pressure extrusion.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.

Note: Protective dust plugs and caps play a crucial role in the life of a quick coupling and no purchase of a hydraulic quick coupling is complete without the selection of an appropriate dust plug and cap. See pages noted in Table of Contents for hydraulic couplings dust plugs and caps for the full line of hydraulic couplings.

Sizes – 1/8 “to 2 “ – Males And Females

End Configurations – BSPP / BSPT / NPT / JIC / IS / DIN & Others

Inbuild Valves – Single / Double Non Return Valve / Thorough Bore Design

Application Industry: - For Very High Hydraulic Jacks / Load Lifting Vehicles Where The W.p. Is Up To 10,000 PSI

MOC - as per world standard

A) Body :- Available In Brass /C.S.-CHROME Plated (from Bar Stock Only) Also Available In S.s. -304 & S.s.-316 (from Bar Stock Only)

B) Spring :- Available In Spring Steel S.S.-304 / S.S.316 As Required

C) Ball / Poppet :- Available In Steel ,S.S.-304 & S.S.-316

D) Seal Materials:- Available In Nitrile, Viton, Neoprene, Silicon Materials.

3) FLATE FACE (NON SPILL - CONNECT UNDER PRESSURE) QRC



Applications :

TMI FEC Series nipple provide connect-under-pressure capability with up to 3000 PSI of trapped pressure in the nipple and are ideal for applications where residual pressure makes reconnect difficult. Utilized primarily in the construction equipment market, FEC Series products are commonly found on hydraulic attachments used in skid steer applications. The G FEC Series mat GS with the FE and FEM Series European interface ISO 16028 couplers.

Features :

- Connect-Under-Pressure nipple.
- Hardened locking surface.
- Steel construction, zinc plated with yellow chromate finish for corrosion resistance.
- Anti blowout Nitrile / PTFE bonded nipple seal.
- Flush face valving

Note: Protective dust plugs and caps play a crucial role in the life of a quick coupling and no purchase of a hydraulic quick coupling is complete without the selection of an appropriate dust plug and cap. See pages noted in Table of Contents for dust plugs and caps for the full line of hydraulic couplings.

Description :

FEC Series products operate slightly different from traditional non-spill couplings. With no pressure in the coupler and up to 3000 PSI of trapped pressure in the nipple, begin to couple the mating halves. Delay momentarily during connection to allow trapped pressure to equalize with the mating half before completing the connection.

4) FLATE FACE (NON SPILL - CONNECT UNDER PRESSURE) QRC



Features

- 10,000 PSI operating pressure (700 bar).
- Flush face, non-spill valving, both halves.
- Sleeve on coupler and nipple body have a RED finish for identification purposes.
- Simple Push-To-Connect operation.
- Sleeve to prevent accidental disconnect.
- Non interchangeable with low pressure flush face couplings.
- Meets performance and dimensional specifications of HA requirements, 10,000 PSI (700 bar).
- Anti Blow-Out Nitrile/PTFE bonded nipple seal.

Applications

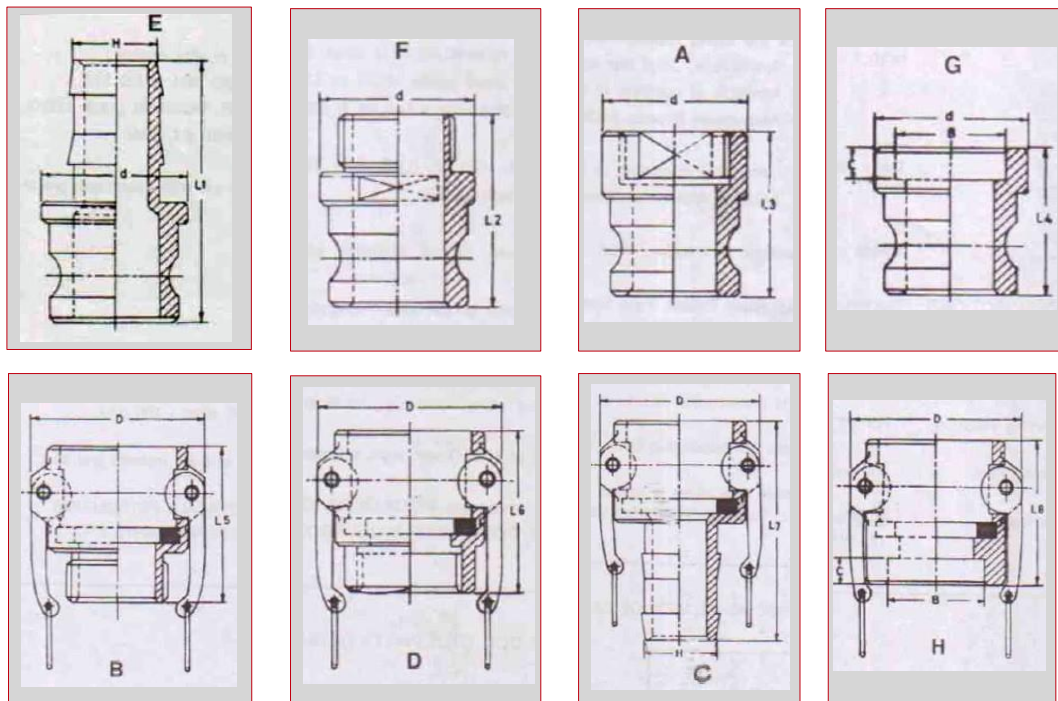
- Hydraulic Crimpers, Cutters, Jacks, Benders, Clamps, Wedges
- Rescue Equipment
- High Pressure Test Equipment

Note: Protective dust plugs and caps play a crucial role in the life of a quick coupling and no purchase of a hydraulic quick coupling is complete without the selection of an appropriate dust plug and cap. See pages noted in Table of Contents for dust plugs and caps for the full line of hydraulic couplings.

Description

FH Series high pressure couplings are an innovative product combining the advantages of a flush-face design with a highly technical performance of a rated pressure of 10,000 PSI. For safety purposes, this product does not interchange with flush-face couplings having a lower pressure rating.

CAMLOCK COUPLING



A. CAMLOCK COUPLING

A Camlock is in fact, a means of quick engaging or disengaging a hose connection from a system requiring transfer of fluid or gas. It consists of a COUPLER with cam arms and a slip-in ADAPTOR. In order to connect, the Arm of the coupler need to be lifted and the adaptor slipped into the coupler. The handles are then pressed down with normal hand pressure for a leak proof connection

B. TYPE :

The Couplers & Adaptors are available in different configurations :

- (i) With male and female threads (BSP, BSPT or NPT)
- (ii) With hoseshafts
- (iii) With flanges or weld ends.

N.B. : Dust plugs & caps are also available against specific order.

C. TECHNICAL DATA

1. BODY MATERIALS : a. BAR STOCKS b. CASTING

Mild Stocks / Brass / SS-304 / SS-316

Carbon Steel / Gun Metal / SS-304 / SS-316

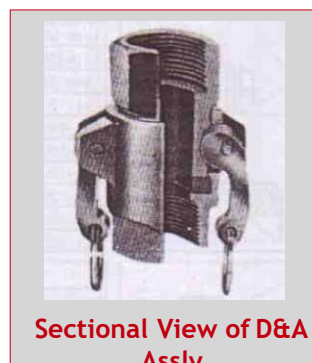
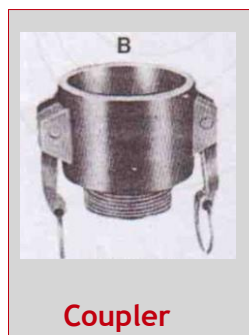
2. SEALING : Nitrile / Viton / Neoprene / Silicon / Teflon / Hypalon

3. SIZES : From 3/4" to 4"

Higher sizes on special orders

Types with identification part numbers

CAMLOCK COUPLING



VALVES DIVISION

NEEDLE VALVE



1 Bonnet

Needle valves are widely used for severe service operation as regulating and shut-off valves in many critical high pressure as well as vacuum applications on fluid line connections like Natural gas lines, Gas sampling lines Test benches, Control panels, Instrument Air lines Hydraulic power systems Flow meters, Manifolds Drain, Vents, Pressure gauges and Transmitters Etc.

DESIGN FEATURES

1. Pressure up to 6000psi (412)bar.
2. Temperature from 70T (21°C) to 450T[232°C] with standard TFE packing and up to 1 200°F with optional Grafoil packing.
3. Orifice sizes of 0.156"(3.962] to 0.437"(1 1.0998).
4. Choice of soft seat ,V and Ball Tip stem design.
5. Straight and angle pattern.
6. Many combinations of end connections.
7. Full raw material traceability, Testing & Identification.

BALL VALVE



Standard

High Pressure 2,3,5 Way

Three Piece Bolted

Ball valves are widely used in All types of Instruments, Control panels and pilot plants, Refineries, Process plants, Laboratories and Power Plants, Hydraulic and Pneumatic piping, The field of Chromatography, Steam generation and food processing, High-pressure Hydraulic systems and Equipments. Many other areas of instrumentation and research.

DESIGN FEATURES

1. Pressure up to 5000psi [345bar).
2. Temperature from 65DF (19.5 C) to 450°F (232 C).
3. Free floating ball allows pressure actuation in closed position.
4. Rugged construction for long life.
5. Quick 1/4 turn actuation.
6. Highest level of leak free integrity.
7. Full material traceability,
8. Choice of different handles.
9. Available with choice of Pneumatic and electric actuators.

CHECK VALVE / NON RETURN VALVE



Tube end Fitting

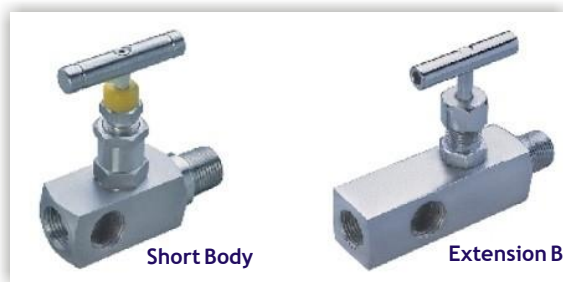
Female/Female

Check valves are widely used In all types of gas or liquid service where unidirectional flow is required.

DESIGN FEATURES

1. Pressure up to 3000psi.
2. Temperatures up to 191 °C with Viton seal.
3. Variety of end connections.
4. Smooth Flow path minimizes pressure drop.
5. Back stopped poppet prevents over stressing of spring.
6. Full material traceability.
7. 100% tested for crack and reseal performance.

GAUGE VALVE / ROOT VALVE



DESIGN FEATURES

1. Superior material of construction for optimum corrosion resistance and excellent performance.
2. Offered with multiple outlets to accommodate a variety of gauge positions with handle orientations.
3. Grophoil packing for higher temperature applications.
4. Full material traceability.
5. Choice of stem design with ball tip and plug tip.
6. Excellent performance for repetitive shut off.

Gauge/Root valves are widely used in pressure switches, gauges and differential pressure transmitters, block and bleed assemblies etc. to test pressure source required in sampling line or purge valve lines.

2 WAY VALVE MANIFOLDS



DESIGN FEATURES

1. Forged one piece body construction for higher strength.
2. Offset vent valve for ease of operation.
3. Accurate and fine control of venting.
4. Metal to metal body bonnet seal for higher pressure and temperature sealing.
5. Temperature rating -50°C TO 230°C.
6. Mounting holes are standard to allow easy fixing to pipe stands and enclosure.
7. Non rotating Vee/Ball tip design.
8. Full material traceability.
9. Material of construction can be supplied to meet the requirement of NACE MR-01 -75.

2 way valve manifolds are mainly used in gauge and static instrument applications such as pressure switches, pressure transmitter and manometers. The manifold will isolate instrumentation from the process and allow venting of instrument for calibration, removal from the circuit without affecting the process/application and or recovery of the sample etc

3 WAY VALVE MANIFOLDS



DESIGN FEATURES

1. Forged one piece body construction for higher strength.
2. Two isolation and one equalizing valve for instrument balancing applications.
3. Accurate and fine control of venting.
4. Metal to metal body bonnet seal for higher pressure and temperature sealing.
5. Temperature rating -50°C TO 230°C.
6. Mounting holes are standard to allow easy fixing to pipe stands and enclosure.
7. Non rotating Vee/Ball tip design.
8. Full material traceability.
9. Material of construction can be supplied to meet the requirement of NACE MR 01 75.

3 way valve manifolds are mainly used in differential pressure transmitters and static instrument applications such as pressure switches, pressure transmitter and manometers. It has two process isolation valves and one equalization valve to equalize the two sides. Process and instrument sides are both on 54 mm centers to correspond with transmitter connection

5 WAY VALVE MANIFOLDS



DESIGN FEATURES

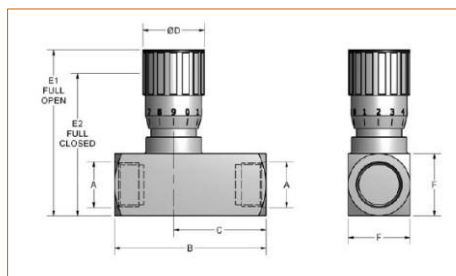
1. Forged one piece body construction for higher strength.
2. Two isolation and one equalizing valve for instrument balancing applications.
3. Accurate and fine control of venting.
4. Metal to metal body bonnet seal for higher pressure and temperature sealing.
5. Temperature rating -50°C TO 230°C.
6. Mounting holes are standard to allow easy fixing to pipe stands and enclosure.
7. Non rotating Vee/Ball tip design.
8. Full material traceability.
9. Material of construction can be supplied to meet the requirement of NACE MR-01-75.

5 way valve manifolds are mainly used in differential pressure transmitters and static instrument applications such as pressure switches, pressure transmitter and manometers. It has two process isolation valves two vent valves and one equalization valve for pressure testings.

FLOW CONTROL VALVE



- ☐ NPT & SAE Connections
- ☐ Carbon Steel With Black Oxide Plating
- ☐ Set Screw Allows Knob to be Locked into Position
- ☐ Graduated Knob & Spindle for Accurate Flow Control
- ☐ 7 PSI Standard Spring Setting
- ☐ Buna O-Ring / PTFE Stem Packing
- ☐ Temperature Range -4°F to +176°F

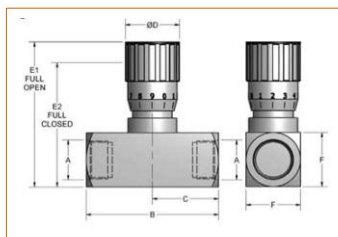


A		B	C	D	E1	E2	F	MAX PSI	Weight (Lbs)
NPT	SAE								
1/4"	#4	2.44	1.46	1.18	3.15	2.76	1.10	5075	.7
3/8"	#6	2.52	1.65	1.18	3.15	2.76	1.10	5075	1.0
1/2"	#8	3.27	2.01	1.46	3.94	3.70	1.50	5075	1.8
3/4"	#12	3.78	2.17	1.46	3.94	3.70	1.50	5075	3.3
1"	#16	4.56	2.80	1.89	5.43	4.96	1.89	5075	4.0
1 1/4"	#20	6.04	3.15	2.28	7.09	6.57	2.36	5075	5.5
1 1/2"	#24	6.75	4.37	3.15	8.50	7.72	2.76	5075	9.9

THROTTLE VALVE



- ☐ NPT & SAE Connections
- ☐ Carbon Steel With Black Oxide Plating
- ☐ Set Screw Allows Knob to be Locked into Position
- ☐ Graduated Knob & Spindle for Accurate Flow Control
- ☐ Buna O-Ring / PTFE Stem Packing
- ☐ Temperature Range -4°F to +176°F

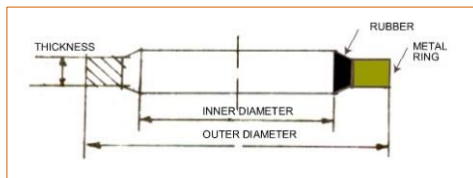


A		B	C	D	E1	E2	F	MAX PSI	Weight (lbs)
NPT	SAE								
1/4"	#4	2.01	.98	1.18	3.15	2.76	1.10	5075	.6
3/8"	#6	2.44	1.10	1.18	3.15	2.76	1.10	5075	.9
1/2"	#8	2.68	1.34	1.46	3.94	3.70	1.50	5075	1.3
3/4"	#12	3.07	1.54	1.46	3.94	3.70	1.50	5075	2.7
1"	#16	3.60	1.81	1.89	5.43	4.96	1.89	5075	3.3
1 1/4"	#20	4.45	2.13	2.28	7.09	6.57	2.36	5075	4.4
1 1/2"	#24	4.80	2.40	3.15	8.50	7.72	2.76	5075	6.6

HYDRAULIC ACCESSORIES

DOWTY SEALS

1. Bonded Seals. These are widely used in pneumatic Industry. The basic of using a dowty seal is there should be no leakage of air. If an air leak there is a pressure drop which mal-functions the equipment.
2. Dowty seals is face type seal Comprising flexible rubber lips within a steel ring. The application when used the primary action deflection of rubber lips. The tightening and bursting loads are resisted by metal ring. This steel ring is given an anti corrosive treatant which prevents from rusting. The rubber used is oil resistant nitrile compound (JSR).
3. We manufacture the dowty seals as per the industry requirement. The base metal ring used is M.S. (mild steel). Normally the industry used the base metal ring by turning from pipes. We used press metal washers for rings so that the concentricity & flatness of the washer remains within 0-0.05%. This helps in rubber getting



Threads					
Metric	B.S.P	Size	ID	OD	T
M 10	1/8"	10.7 x 18 x 1.5	10.7	18	1.5
M 13	---	13.7 x 22 x 1.5	13.7	22	1.5
M 14	1/4"	14.7 x 22 x 1.5	14.7	22	1.5
M 16	---	16.7 x 22 x 1.5	16.7	24	1.5
---	3/8"	17.7 x 24 x 1.5	17.4	24	1.5
M 18	---	18.7 x 26 x 1.5	18.7	26	1.5
M 20	---	20.7 x 28 x 1.5	20.7	28	2
M 22	1/2"	22.7 x 30 x 2	22.7	30	2
M 24	5/8"	24.7 x 32 x 2	24.7	32	2
M 26	---	26.7 x 35 x 2	26.7	35	2
---	1/4"	27.2 x 36 x 2	27.2	36	2
M 30	7/8"	31 x 39 x 2	31	39	2
---	1"	34.3 x 43 x 2	34.3	43	2
M 36	---	36.7 x 46 x 2	36.7	46	2
M 42	1 1/4"	42.7 x 53 x 3	42.7	53	3
M 48	1 1/2"	48.7 x 59 x 3	48.7	59	3
M 60	2"	60.7 x 73 x 3	60.7	73	3
---	2 1/2"	76.08 x 90.3 x 3.38	76.08	90.3	3.38



HYDRAULIC ACCESSORIES

HYDRAULIC & PNEUMATIC COPPER

We strictly follow the ISI-3175-1974 standards for the hydraulic & pneumatic fitting washers.

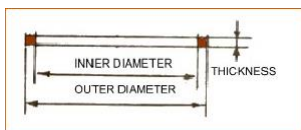
Copper used for manufacturing confirming to standards IS:3487-1966.

Cold rolled copper heavy toll physical properties.

Tensile Strength -200-250- N/mm² (20 to 25 Kgs + 1 MM²)

Elongation-40% min.

Specification of copper washers (BSP Standard) as per ISI 3175-1974



B.S.P Thread	Id	OD	Thickness
1/8"	10.2 + 0.3	13.9 - 0.2	1 ± 0.1
1/4"	14.2 + 0.3	17.9 - 0.2	1.5 ± 0.15
3/8"	17.2 + 0.3	20.9 - 0.2	1.5 ± 0.15
1/2"	21.2 + 0.3	25.9 - 0.2	2 ± 0.2
5/8"	23.3 + 0.3	27.9 - 0.2	2 ± 0.2
3/4"	27.3 + 0.3	31.9 - 0.2	2 ± 0.2
1"	33.3 + 0.3	38.9 - 0.2	2 ± 0.2
1 1/4"	42.3 + 0.3	48.9 - 0.2	2 ± 0.2
1 1/2"	48.3 + 0.3	54.9 - 0.2	2 ± 0.2
2"	60.5 + 0.5	67.9 - 0.3	2.5 ± 0.2
2 1/2"	75.5 + 0.5	83.8 - 0.3	2.5 ± 0.2

DIAGNOSTIC TEST COUPLING



FEATURES

M16x2.0 Self sealing connection
Suitable for Petroleum based liquids & gaseous media.
Zinc plated steel body & Zinc plated metal cap
Buna N (NBR) Seals
Temp. Range : 22 degree F to 248 degree F (-30 degree C to 120 degree C)

Differences between MA 1 and MA 3 types

- a) sealing system (see previous section)
- b) Test hose connection by plug-in coupling in MA1 Test hose connection by threaded connection in MA3
- c) Working pressures

Working pressure

- MA3 types up to 630 bar
- MA1 types up to 400 bar
- Max. working pressure 630 bar for GMA, VKA and MA... the recommended working pressure of fitting manufacturer has to be applied
- Joining under pressure up to 400 bar max.

Materials and Temperatures:

Metal parts: Steel, Stainless Steel on request
Ball: Stainless Steel
Seals :NBR (Temperature range -20 to +1 Q0°C)
FPM (Temperature range -20 to +200°C)
EPDM Ethylene Propylene (for Break Fluid)
(Temperature range -40 to +1 SO'C)
Hose: Polyamide (Temperature range: -35°C ... 100°Cmax.)

Seals:

- Steel Types NBR CPerbunan)
- Stainless Steel FPM (Vitonj only)

Media:

- Suitable for hydraulic oils and other mineral oil based fluids (Please pay attention to the sealing materials used)
- For use in conjunction with other liquid media please consult

Approvals

DVGW for MA3/8X10R, MA3/10X10R, MA3 1/6NPT. MA31/4NPT

MA1/MA3-Test Point fitting

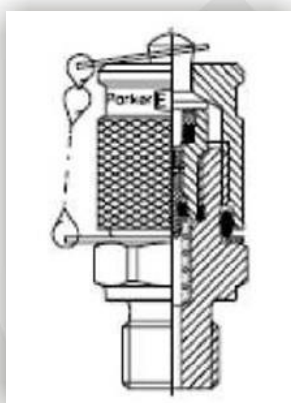
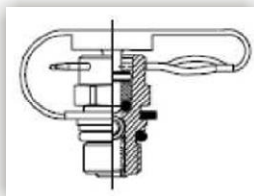
- For pressure B monitoring and checking on high, low nad negative Pressure systems.
- For bleeding cylinders and hydraulic systems.
- For taking samples

ADVANTAGES:

- Coupling at system pressure level
- Leakproof connection before ball valve is open
- Simple connection to measuring, control and switching devices
- Self locking metal guard cap

Scaling system of the primary seal:

MA 1 by ball non-return valve. MA 3 by cone seal with O-ring.
The new MA 3 sealing system guaranties minimum leakage rates even for pneumatic and gas applications (see application).
The screw-on Cap (MA 3), and pin lock (MA1) types both employ an O-ring seal as secondary sealing with the hose attached.





OUR QUALITY SYSTEMS PROCEDURES & TESTING DIVISION

TECHNOMECH INTERNATIONAL has inbuilt quality control system which ensures 100% inspection, right from the receipt of material to the dispatch of the finished products.

1. AT DESIGN STAGE:

- We designed our products as per DIN, SAE & IS standards that ensure high quality and ease of interchangeability.
- All products are manufactured from Bar Stock/Forged material having sufficient wall thickness to withstand recommended working pressure.
- Due to Higher factor of Safety, our products can withstand higher impulse pressure and can work under any critical condition.
- Tolerance of mating components selected in such a way to facilitate ease of assembly, Interchangeability and to maintain proper alignment.

2. SELECTION OF RAW MATERIAL:

- First considering media, working pressure & temperature & other condition, suitable Raw material is selected.
- Samples of raw material are sent to TCR or Govt. approved lab for ensuring Raw material specifications.

3. PRODUCTION STAGE:

- Once the specification of Raw material is confirmed, sizing & machining of the material is carried out.
- During machining stage dimensional tolerance are maintained with the help of various gauges and measuring instruments.
- After machining, the components are polished and cleaned thoroughly.
- Plating process like yellow zinc or phosphating, Electro- polishing, Silver polish etc are carried out.
- Before assembly all the finished components are once again checked dimensionally, GO –NOGO gauges and for surface finish.

4 ASSEMBLY & TESTING STAGE :

- After a final dimensional check, all the components are assembled.
- Pneumatic and Hydraulic testing are carried out by us for ensuring leak-proof Performance of the assembled components.

5. PACKING AND DISPATCH STAGE:

- Once products are passed all the above stages, the stamping is carried out and then Products are properly packed. All the threads are secured with plastic caps to restrict any foreign particles. All the products are packed in plastic bags mentioning all the required specifications and details for ease of

6 FINAL INSPECTION:

- Inspection as per Packing slip Prepared by us, checks for all sizes are as per order & packed as per given instruction in the packing slip prepared by quality Deparent

INSPECTION & MEASURING TOOLS AT Q/C DEPARMENT

- Dimensional Check: Dial Vernier/Micro meter, Depth Gauge, Thread gauge, Plug & Ring gauge, Bore & Taper gauge.
- Hydraulic Test : LEAKAGE TEST & W.P TEST With Hydraulic Hand Pump maximum Pressure 10000 PSI.
- Chemical Test: By govt. approved laboratories.
- Physical: By govt. approved laboratories
- Helium Test: Carried out by regional test center Andheri/ BARC

WE ALSO PARTICIPATE FOR THIRD PARTY

OUR PRODUCTSTESTING

Calibration Status / Accuracy Of All The Instrument And Gauges Verified Before Commencement
AQL -tolerance Limit With In +/- 0.01 To 0.2 For "" Products

S R . N O	PRODUCT DIVISION	SPECTRO TESTFOR CHEMICA L	VISUAL	DIAMNESION AL	THREADS CHECK	FITENT & ASSEMBLY	LEAKAG E TEST	HYDRO PRESSURE TEST
1	Steel Raw Materials	Yes	Yes	Yes	No	No	No	No
2	Seamless Tubes	Yes	Yes	Yes	No	No	No	No
3	Tube Fittings Division	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4	Pipe Clamp Division	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	Steel Flange Division	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6	Valves Division	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7	Qrc & Camlock Division	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8	Hose & End Fittings	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	Hydraulic Accessories	No	Yes	Yes	No	Yes	Yes	No

AN ISO 9001 : 2015 & 14001:2015 CERTIFIED



APPLICATION INDUSTRIES

- ☐ Oil & Gas Industries
- ☐ Steel Plant & Rolling Mills MFG.
- ☐ Automobile & Heavy Mobile Vehicle
- ☐ Material Handling Stores
- ☐ Agriculture Machinery Equipments
- ☐ Refineries
- ☐ Analyzer - Lab & Testing Equipments
- ☐ Paint Industries
- ☐ Car Care Systems
- ☐ Life Sciences
- ☐ Super Market Storage & Rack System
- ☐ Automation Machinery
- ☐ Multi Parking Systems
- ☐ Military
- ☐ Power Generations Systems
- ☐ Cement Industry Machinery
- ☐ Motion & Control Tech. Equipments
- ☐ Hydrostatic Drive Systems
- ☐ Hydraulic Press & Power Packs
- ☐ Cooling & Heating System
- ☐ Packaging Equipments
- ☐ Engines & Railways
- ☐ Pulp Paper Machinery
- ☐ Fuel Cells Components
- ☐ Machine Tool Application
- ☐ Industrial Mining Equipments
- ☐ Food & Beverages Equipments
- ☐ Marine Projects
- ☐ Oil Mill Plants
- ☐ Aerospace & Aircraft System
- ☐ Pollution Control Equipments
- ☐ Offshore Engineering
- ☐ Plastic/ Rubber Processing Machines
- ☐ Chemical Machinery

Vision :-TECHNOMECH INTERNATIONAL will be a world class engineering organization committed, devoted to enhance the value of all involved people.

Mission :- To be an Indian multinational engineering organization ensures customers satisfaction in all areas of industries by providing total business solution through continuous development ,devoted & motivated workforce along with quality products ,systems & services in the field of hydraulics and industrial engineering areas.



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Corporate Off & Factory Add.:

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COMPANY