



Conex - Brass Fittings

Go With The Flow

PROFILE

Conex Metals (India) is a company from CONEX group engaged in manufacturing and export of high quality metal components since 32 years. A yearn for specialization and total commitment to quality saw the group succeed in local as well as overseas market. CMI serves an ever increasing customer base by providing a complete engineering service with high quality standards supported by strong commercial management.

The company's three strategically located manufacturing sites are equipped and constantly updated with the state-of-the-art machines to produce precision metal components at competitive prices. The in-house foundry and innovative concept of one-piece die casting/machining gives the company a distinct competitive edge over the rivals. Professional engineering expertise coupled with competitive Indian labour helped it to capture high quality conscious markets of Europe and USA. We pride on offering cost-effective solutions to the exacting need of our customers.

Our standard product range :

- * **Brass Male threaded Hose Barbs / Nipples / Tails**
- * **Brass female threaded Hose Barbs**
- * **Brass female swivel Hose Barbs / Coned Tails**
- * **Brass Hose Repairers / Menders / Splicers**
- * **Brass Lugged Hose Couplings**
- * **Brass 90° and 45° Hose Barbs**
- * **Brass Adaptors / Unions / Bulkheads**
- * **Brass Nickle plated fittings for S.S. braided hoses**
- * **Brass Pipe and Plumbing Fittings**
- * **Brass Compression Fittings**
- * **Brass Chrome plated Sanitary Fittings**
- * **Brass Flare and Inverted Flare Fittings**
- * **Brass Heating Components**
- * **Brass Pressed Bathroom Fittings**
- * **Stainless Steel Pipe Fittings**
- * **Aluminium Pneumatic Fittings**
- * **Bronze and Gun metal Pipe Fittings**
- * **Brass Spindles**
- * **Brass Moulding Inserts**
- **Being dynamic in nature, we are always keen to add new products to our line !!**
- **BRASS IS CHEAPER THAN STEEL ! REPLACING YOUR STEEL COMPONENTS WITH BRASS MAKES LOT OF ECONOMIC SENSE !!**

➤ **BRASS MALE THREADED HOSE BARBS / NIPPLES / TAILS**



Hose barbs are perfectly machined from high quality Brass hex rods and are used to connect female threaded fittings to flexible hoses / tubes. High wall thickness ensures good mechanical strength and well-defined grooves /serrations enable perfect clamping. They are to be used with hose clamps or crimped type ferrules.

PART NO	THREAD SIZE	HOSE I.D.	LENGTH (mm.)	NO. OF BARBS	STD. PACKING
HE 1818	1/8"	1/8"	30	3	100
HE 18316	1/8"	3/16"	35	3	100
HE 1814	1/8"	1/4"	35	3	100
HE 14316	1/4"	3/16"	40	4	100
HE 1414	1/4"	1/4"	45	4	100
HE 1438	1/4"	3/8"	45	4	100
HE 1412	1/4"	1/2"	48	4	100
HE 3814	3/8"	1/4"	45	4	50
HE 3838	3/8"	3/8"	51	4	50
HE 3812	3/8"	1/2"	51	4	50
HE 1238	1/2"	3/8"	51	4	50
HE 1212	1/2"	1/2"	55	4	50
HE 1234	1/2"	3/4"	60	4	50
HE 121	1/2"	1"	60	4	50
HE 3412	3/4"	1/2"	55	4	25
HE 3434	3/4"	3/4"	60	4	25
HE 341	3/4"	1"	60	4	25
HE 134	1"	3/4"	65	4	10
HE 11	1"	1"	65	5	5
HE 114114	1 1/4"	1 1/4"	70	5	2
HE 112112	1 1/2"	1 1/2"	85	5	1
HE 22	2"	2"	103	5	1
HE 33	3"	3"	115	5	1

Threads : BSPT (R), BSPP (G), NPT, NPTF (dry seal), NPS, GHT, Metric - ISO, UNF, 45° SAE & UNC .

Hose Type : PTFE (Teflon), Rubber, EPDM, Plastic, LDPE, PVC, Nylon, Reinforced PVC, PU & Braided.

Finish : Natural (Nickel or Chrome if required).

Media : Used for transfer of air, water, oils & chemicals.

Note : *Hose and thread combinations not shown above can also be provided on special basis.*

The entire above range is available in Aluminium & Stainless Steel also.

➤ **BRASS FEMALE THREADED HOSE BARBS / NIPPLES / TAILS**

They are used to connect male threaded fittings to flexible hoses / tubes.

PART NO	THREAD SIZE	HOSE I.D.	LENGTH (mm.)	NO. OF BARBS	STANDARD PACKING
HF 1818	1/8"	1/8"	35	3	100
HF 1414	1/4"	1/4"	40	4	100
HF 3838	3/8"	3/8"	45	4	50
HF 1212	1/2"	1/2"	50	4	50

Threads : BSPT (R), BSPP (G), NPT, NPTF (dry seal), UNF, NPS & Metric - ISO.

Hose Type : TFE (Teflon), Rubber, EPDM, Nylon, PVC, LDPE & PU.

Finish : Natural (Nickel or Chrome if required).



➤ **BRASS NICKEL PLATED FITTINGS FOR S.S. BRAIDED HOSES**

Male, female and unthreaded Hose Barbs / Nipples are used with S.S braided rubber / EPDM hoses. Also available Hex Nuts to be crimped with plain unthreaded barbs/ tails at the hose ends. Compression Hose Barbs, Nuts & Olives are also available for hoses to be connected direct to Copper / capillary pipes.

Threads : BSPP (G), BSPT (R), NPS, NPT, NPTF, UNF & Metric - ISO.

Sizes : 1/8" - 2", 10mm - 50mm.

➤ **BRASS FEMALE SWIVEL HOSE BARBS / CONED TAILS**

These fittings are available as a set of 2 parts i.e. Hex Nut and Coned Barb / Tail. They are mainly used with ferrules on crimped hoses.

PART NO	NUT THREAD SIZE	HOSE I.D.	LENGTH (mm.)	NO. OF BARBS	STANDARD PACKING
HS 1818	1/8"	1/8"	27	3	100
HS 1414	1/4"	1/4"	40	4	100
HS 3838	3/8"	3/8"	40	4	100
HS 1212	1/2"	1/2"	52	4	50
HS 3434	3/4"	3/4"	63	4	25
HS 11	1"	1"	73	5	10

Threads : BSPT (R), BSP (G), NPT, NPTF (Dryseal), NPS, Metric-ISO.

Hose Type : PTFE (Teflon), Rubber, EPDM, Nylon & Plastic.

Finish : Natural (Nickel or Chrome if required)



➤ BRASS HOSE REPAIRERS / MENDERS / SPLICERS

They are used to connect two hoses of equal sizes.

PART NO	HOSE I.D.	LENGTH	NO. OF BARBS	STANDARD PACKING
HR 18	1/8"	50	4	100
HR 14	1/4"	62	4	100
HR 38	3/8"	62	4	100
HR 12	1/2"	72	4	50
HR 34	3/4"	80	4	25

Hose Type : PTFE (Teflon), Rubber, EPDM, Nylon & Plastic.

Finish : Natural.



➤ BRASS LUGGED HOSE COUPLINGS

They are used for heavy duty applications like oil, petrochemical, fire - fighting industry etc.

Threads : BSPP and NPS.

Hose Type : Composite hoses, Neoprene, Synthetic, Rubber & PVC.

SIZE : 1/2" - 3"

Finish : Natural.

Also available in Aluminium & Stainless Steel.

➤ BRASS 90° & 45° HOSE BARBS / NIPPLES

Brass angular fittings are used to connect tubes and pipes at angles of 45°, 60° or 90°. Hot stamped and machined to perfection. Hose Splitters are used to connect 3-4 hoses / tubes at a time.

Sizes : 1/8" - 1"

Finish : Natural and Nickel plated.



➤ BRASS ADAPTORS / UNIONS / BULKHEADS

Brass Adaptors are used as thread converters between BSPP, BSPT, NPS, NPT & NPTF threads and even used for extension at times. Also available Bulkhead Connectors with lock nuts.

Sizes : 1/8" - 1"

BRASS PIPE AND PLUMBING FITTINGS



Various threaded Brass pipe fittings used in domestic and commercial plumbing and heating systems. The range includes -

Reducing Bushes	Sockets
Stop Plugs	Nipples
End Caps	Air Vents
Back Nuts	Radiator Keys
Pipe Extensions	Manifolds
Threads :	BSPP (G), BSPT (R), NPS & NPT.



BUSHES

Reducing Bushes are used to reduce pipe thread to a smaller size or connect to pipes / fittings of different male threads.

Size : 1/8" - 6"



STOP PLUGS

Blind Stopping Plugs are used to stop a pipe and are available in square and hex type. Available in flanged and plain versions.

Size : 1/8" - 6"



NIPPLES

Used to connect 2 female threaded fittings or pipes. Available in 3 types - Long Nipples (Barrel Nipples), Hex Nipples and fully threaded Running Nipples.

Size : 1/8" - 6"



SOCKETS

Sockets are mainly used to connect two male threaded pipes / fittings. Available in equal & reducing forms.

Size : 1/8" - 6"



AIR VENTS

Used for bleeding radiators of central heating system. Available in BSPP threads. A key releases the screw which allows pressure to be released gradually.

COMPRESSION FITTINGS

They are intended primarily for use in above and below ground water systems and central heating. They enable light gauge copper, S.S. polyethylene & PEX tubes to be well connected. They consist of body with built in stop for reclining the tube, a compression ring / ferrule corresponding in size to the exterior diameter of tube and a compression nut.



COUPLERS / UNIONS

Used with Brass Nuts and Olives to connect Copper and S.S. tubes.

Size : Imperial 1/8" - 3/4"
Metric 6mm - 22mm

Finish : Natural and Chrome.



ELBOWS

Elbows are used to change pipe direction through 90°.

Size : Imperial 1/8" - 3/4"
Metric 6mm - 22mm

Finish : Natural and Chrome.



TEES

Used for extending pipe work and changing directions and to connect 3 pipes.

Size : Imperial 1/8" - 3/4"
Metric 6mm - 22mm

Finish : Natural and Chrome.



OLIVES

Compression rings / sleeves with diameters ranging from 3mm to 28 mm are manufactured from Brass, Copper and Aluminium.

Finish : Natural and Chrome.



➤ **CHROME PLATED SANITARY & BATHROOM FITTINGS**

Brass fittings in high quality polished Chrome finish for exquisite bathroom & sanitary use. We use highest quality of plating and can offer mirror finish on following parts :

- | | |
|---------------------------------|---------|
| Extensions as per DIN standards | Plugs |
| Reducing Bushes | Tees |
| Sockets | Elbows |
| Crosses | Nipples |

☆ 3 piece connectors used to connect copper pipes with female iron pipes also available.



➤ **BRASS FLARE & INVERTED FLARE FITTINGS**

Brass threaded flare fitting like Unions, Nuts, Elbows, Tees, Plugs available in 45° SAE / 37° JIC - UNF threads in various combinations with different pipe threads.

Size : 1/4" - 1"

Finish : Natural (Chrome and Nickel if required).

➤ **ALUMINIUM PNEUMATIC FITTINGS**

Blue Anodized Aluminium Studs, Connectors, Nuts, female & male Studs and Bulkheads. Available in threads like BSPT(R), BSPP(G), NPTF, NPT & UNF.



➤ STAINLESS STEEL PIPE FITTINGS

High quality machined Stainless Steel components from AISI 304 / 316 bars. Products include Hose Barbs / Nipples, Compression Fittings, Nuts, Elbows, Tees, Olives / Ferrules & Welding Nipples.

Larger components can be cast and machined to maintain competitive edge. Also available non-standard S.S. Components as per user specifications.



➤ BRASS, COMPONENTS FOR HEATING APPLICATIONS

Brass fittings for different types of immersion and storage heaters mainly as per customer's specifications. Also available heavy duty Brass and Copper components for boilers and industrial water heaters.

➤ PRESSED BATHROOM COMPONENTS

Chrome Plated Brass Pressed Parts, water tap accessories and washers for bathroom & sanitary use. Also available vulcanized fibre, Copper & S.S. washers and pressings.

Size : Upto 15" in O.D.

Capacity : 200 Tonnes



➤ BRONZE & GUN-METAL FITTINGS

Bronze & Gun-Metal fittings can be used where de-zincification is a problem (in highly corrosive atmospheres). Product range includes Bushes, Nipples, Tees, Elbows, Crosses, Extensions, Plugs and Sockets.

Size : 1/8" - 2"



➤ SPINDLES

Brass Spindles with left hand threads are used in tap assembly mechanism. These are made to customer specifications. They are integral part of water taps and we can offer the assembly with lock washers, 'O' rings etc.

➤ BRASS MOULDING INSERTS

Brass inserts used with moulded UPVC, CPVC drainage, sewerage and water fittings. High quality knurl ensures perfect grip. Available in NPT, BSPT, NPS threads for proper seal.

Size : 1/8" - 1"



➤ SPECIAL COMPONENTS



We undertake specialist machining to customer's own specifications. This can be for short or long production runs. We have electronic data exchange facility and can make fittings to customer's CAD drawings.

➤ THE WAY IT WILL COME TO YOU

Outer Box

Strong sea worthy corrugated cartons. Laminated with Tar coated hessian cloth. Properly marked with destination, lot size, and number of individual carton.



Inner Packing

Packed in cardboard boxes with description of Item Code, Size and Quantity on each box. Boxes further packed in big plastic poly bags making the cargo water proof.

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