



CONEX Proving Mettle With Metals



ISO 9001:2015

Greetings! Welcome to the ever-expanding world of 'CONEX' - range of precision metal components.

'CONEX METALS (INDIA)' is the flagship company of 'CONEX GROUP', pioneers in the field of manufacturing and exports of non-ferrous metal components, castings and electro-mechanical accessories.

Our three State-of-the-Art units have been engaged in producing inexpensive but precision metal components since last 37 years. With in-house foundry and innovative concept of one-piece die-casting / machining, we hold a distinct edge over our competitors.

Commitment to quality makes CONEX a well-recognized name in local as well as international markets. We pride on offering cost effective solutions to the exacting demands of our customers. Thanks to professional management, precision engineering combined with skilled Indian workmanship we have a strong presence in quality conscious markets of Europe and America.

Owing to the winning blend of Quality, Competitive Pricing, excellent Communication Skills and Prompt Service, CONEX is growing @ 30 % per annum cumulatively.



CONEX products are known for their high quality standards and excellent workmanship. We dedicatedly follow ISO 9001 : 2015 fully documented quality system. Over the decades we have made huge investments in inspection, testing and measuring instruments perfecting the art of supplying flawless material.

We have a full fledged Quality Assurance department with a team of highly skilled engineers working round the clock checking parts during and post production. A vast inventory of calibrated thread gauges in variety of threads ensures perfection from the basic production levels.

We pledge to deliver quality precision machined parts, custom manufactured exactly according to customer's specifications every time. Each received order is individually reviewed for quality concerns and a quality plan is generated for maintaining quality parameters. Our aim is to ensure that quality of the products reflects your needs.

Our constant focus on quality has helped us to achieve market leadership and win customer's trust.

Our Quality Policy

We are solemnly committed to delivery of defect-free , price competitive products promptly on time - everytime to our valued buyers.

We strive to achieve market leadership by exceeding customer expectations and outperforming competitors in quality, delivery and cost.

We shall also continuously toil to upgrade manufacturing technologies, processes and systems resulting in benefits to our customers, vendors and employees.

CAD / Digitizing Capabilities

We create, read and edit most commonly used drafting file formats of Tek Soft - Procam 2000, AutoCAD 2002 and any older Version of AutoCAD. We also handle file formats Like : *.prt, *.wmf, *.dxf, *.eps *.dwg, *.dxx, *.iges, *.sat and all types of graphics or line-art formats.

We have surplus capacity to offer following services at very competitive prices to our esteemed clients :

- Paper to CAD conversion ● 2D to 3D conversion
- 3D and Assembly Modeling using softwares like IDEAS, SOLIDWORKS and PRO-E
- Finite Element Analysis (Linear to Non-Linear Static Analysis, Modal and Thermal Analysis)

MARKETS - Truly Global

CONEX products are worldwide accepted for their quality and competitiveness. Presently we sell to OEMs, Importers and Distributors. CONEX offers exciting opportunities to Indenters, Importers, Distributors, Agents and Resellers. The competitive edge in our pricing helps resellers to have decent mark up and margin on sales. Aggressive pricing coupled with prompt deliveries ensures enough sales potential for everybody. For actual users and assemblers it offers substantial price advantage resulting in cost savings which in turn helps to make their own products competitive in the market-place.

: We serve following markets :

: EUROPE :

UK, Ireland, Germany, France,
Spain, Italy, Portugal, Russia,
Netherlands, Belgium, Austria,
Greece, Sweden, Norway & Denmark

: AMERICAS :

USA, Canada,
Carribean Islands, Mexico & Brazil

: MIDDLE EAST :

UAE, Kuwait, Bahrain, Israel,
Qatar, Saudi Arabia & Jordan

: FAR EAST / ASIA :

Malaysia, Hongkong, Singapore,
Thailand, Philippines & Sri Lanka

: OCEANIA :

Australia, New Zealand & Indonesia

: AFRICA :

South Africa & Egypt

OUR STANDARD PRODUCT RANGE

- ◆ BRASS & ALUMINIUM CABLE GLANDS
- ◆ COPPER / BI-METAL CABLE LUGS / TERMINALS
- ◆ COPPER INLINE CONNECTORS / SPLICES
- ◆ BRASS FITTINGS FOR FLEXIBLE CONDUITS
- ◆ THREAD ADAPTERS, CONVERTERS & PLUGS
- ◆ BRASS MALE & FEMALE BUSHES
- ◆ GALVANIZED STEEL CONDUIT FITTINGS
- ◆ BRASS NUTS / BOLTS / FASTENERS
- ◆ SLOTTED ANCHORS / EXPANSION FASTENERS
- ◆ BRASS MOULDING INSERTS
- ◆ EARTHING / GROUNDING ACCESSORIES
- ◆ LINE TAPS / SPLIT BOLT CONNECTORS
- ◆ WASHERS AND PRESSED METAL PARTS
- ◆ CATV CONNECTORS
- ◆ PANEL BOARD FITTINGS
- ◆ BRASS TERMINAL BLOCKS / NEUTRAL LINKS
- ◆ BRASS / COPPER BATTERY TERMINALS
- ◆ LAMP HOLDERS / LIGHTING PARTS
- ◆ PIPE & COMPRESSION FITTINGS
- ◆ BRASS & COPPER TURNED PARTS / CASTINGS
- ◆ MICRO / TINY BRASS COMPONENTS
- ◆ EARTHING AND PIPE CLAMPS
- ◆ S S. & ALUMINIUM TURNED PARTS / CASTINGS
- ◆ CUSTOM MADE BRASS TURNED PARTS
- ◆ HOT STAMPED COMPONENTS
- ◆ **OUTSOURCED PARTS**
- ◆ HIGH TENSILE FASTENERS
- ◆ DROP FORGED HAND TOOLS
- ◆ BOLT / WIRE AND CABLE CUTTING TOOLS
- ◆ PLASTIC AND RUBBER MOULDED PARTS
- ◆ FIBRE GASKETS
- ◆ PORCELAIN AND CERAMIC PARTS
- ◆ STAINLESS STEEL AND BRONZE SPRINGS
- ◆ **SPECIAL PRODUCTS TO USER SPECIFICATIONS**

CABLE GLAND SYSTEM

GLAND DESIGN

CONEX has based its Cable Gland design as well as testing / inspection methods on the performance requirement of BS 6121 : 1989 and EN 50014 : 1992 adding new criteria necessary to meet particular need.

MATERIALS

Cable Glands are made in standard Brass (BS 2874) or in alternative materials like Aluminium (BS 1474) and Stainless Steel (A2/A4).

FINISHES

Cable Glands are generally supplied in natural Brass finish. Other finishes like Electro-Tin, Nickel and Cadmium can be provided.

ENTRY THREADS

Cable Glands are normally supplied with ISO Metric threads to BS 3643 part 2 ISO 68 / 965 series. A constant pitch of 1.5 mm is used up to and including 75 mm thread size. Alternative entry threads like PG / NPT / ET etc. are also available.

EARTHING

Electrical continuity is normally achieved through the screwed entry into metal boxes. Where earth short circuit protective equipment demands positive earth connection, a range of integral earth glands can be provided.

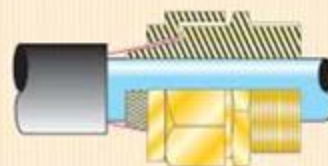
BW 2 PART CABLE GLANDS

Features : To BS 6121 Part 1 most suitable for SWA, plastic or rubber (Elastomer) sheathed cables. Used in dry indoor conditions. No loose parts, It is easy to install and also saves time and money.

Sizes : 20 mm to 75 mm (S & L)

Material : Brass, Aluminium & Stainless Steel

IP Rating : IP 54



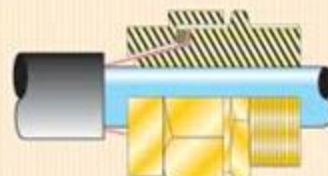
BW 3 PART CABLE GLANDS

Features : To BS 6121 Part 1 most suitable for SWA, plastic or rubber sheathed cables. Used in dry indoor conditions. Separate locking ring helps to clamp the armour properly.

Sizes : 20 mm to 75 mm (S & L)

Material : Brass, Aluminium & Stainless Steel

IP Rating : IP 54



CW CABLE GLANDS

Features : To BS 6121 Part 1 most suitable for SWA, plastic or rubber sheathed cables. Outer seal grips sheath of cable. For use in most climatic conditions. Weatherproof and Waterproof design. It has separate armour lock rings.

Sizes : 20 mm to 75 mm (S & L)

Material : Brass, Aluminium & Stainless Steel

IP Rating : IP 66



E1W CABLE GLANDS

Features : To BS 6121 Part 1 suitable for SWA or rubber sheathed cables. Outer seal grips sheath of cable while inner seal grips bedding layer of cable. For use in most climatic conditions weatherproof and waterproof and its design has separate armour lock rings.

Sizes : 20 mm to 75 mm (S & L)

Material : Brass, Aluminium & Stainless Steel

IP Rating : IP 66



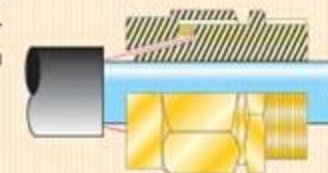
ALCO TYPE CABLE GLANDS

Features : Used with SWA, plastic and rubber sheathed cables. Used in dry indoor conditions. Inner ring ensures positive armour clamp and earth continuity.

Sizes : G 204, G 206, G 254, G 256, G 324, G 326, G 405, G 503, G 505, G 636, G 753, G 755

Material : Brass, Aluminium & Stainless Steel

IP Rating : IP 54



PG TYPE CABLE GLANDS

Features : Made to DIN 46320 in hex or round body. Threads to DIN 40430 (80° Angle) available in PG and also ISO Metric threads available as per DIN EN 50262.

Sizes : From PG 7 to PG 48 & 16 mm to 50 mm

Material : Brass, Aluminium & Stainless Steel

IP Rating : IP 66



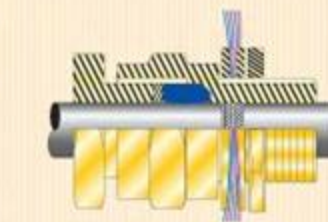
CXT TYPE CABLE GLANDS

Features : To BS 6121 Part 1 used with all types of flexible braided cables (CY, YY & SY). It provides seal on outer sheath of cable and clamps wire braid for electrical continuity.

Sizes : 20 mm to 50 mm

Material : Brass & Aluminium

IP Rating : IP 66



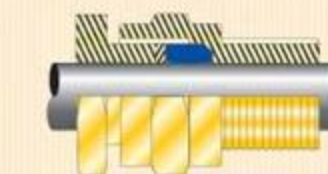
A2 CABLE GLANDS

Features : To BS 6121 Part 1 for indoor or outdoor use with all type of unarmoured cables. It produces seal on outer sheath of cable.

Sizes : 20 mm to 100 mm (S & L)

Material : Brass, Aluminium & Stainless Steel

IP Rating : IP 66



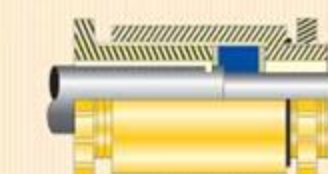
MARINE CABLE GLANDS

Features : To JIS standard F8801 / JIS 8802 / 8803 used on ship decks. Available with Neoprene seals and packing washers / lock nuts.

Sizes : 10 mm to 60 mm

Material : Brass & Steel

IP Rating : IP 66



T. R. S. / STUFFING CABLE GLANDS

Features : While not manufactured to a specific standard, they are accepted by many contractors and users as satisfactory method of securing flexible cables.

Sizes : 16 mm to 32 mm

Material : Brass

IP Rating : IP 56

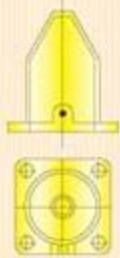


WIPING GLANDS

Features : For indoor and outdoor use with panel boards, electrical instruments and transformers.

Sizes : 22 mm & 25 mm bore

Material : Brass



CABLE GLAND KIT (PACK)

Gland Kit is a ready to use pack containing Cable Glands, Lock Nuts, Earth Tags and PVC Shrouds. It contains two sets up to and including 32 mm and one set for bigger sizes. It is a convenient way for the user to purchase complete cable termination components as he is assured of all the required parts.

Note : Free header cards with customer's name and logo can be provided. LSF (Low Smoke & Fume) shrouds are available on request.



CABLE GLAND ACCESSORIES



PVC SHROUDS

Made from high grade PVC, they ensure higher IP rating and are denoted by gland reference number. They are compatible with each gland size.



EARTH TAGS

Are available from 16 mm to 75 mm in Brass and Aluminium. Earth Tags ensure earth continuity between the electrical equipment and the gland.



LOCK NUTS

Are available in sizes from 16 mm to 75 mm and 5/8" to 3" in Brass and Galvanized Steel.

CABLE GLAND SELECTION CHART For PVC / SWA / PVC
Cable 600 / 1000 V to BS 6346
(STRANDED COPPER CONDUCTORS - SIZE MM²)

CABLE SIZE	SINGLE CORE	2 CORE	3 CORE	4 CORE	NUMBER OF CORES							
					5	7	10	12	19	27	37	48
1.5	-	20S	20S	20S	20S	20S	20	20	25	25	32	32
2.5	-	20S	20S	20S	20S	20S	25	25	25	32	40	40
4	-	20S	20S	20	20	25	25	32	32	40	40	50
6	-	20	20	20	THE GLAND SIZES RECOMMENDED IN THIS CHART ARE FOR GUIDANCE ONLY AND ARE BASED ON CABLES MANUFACTURED TO BS 5467:1997. ACTUAL CABLE DIMENSIONS MUST BE CHECKED FOR GLAND SELECTION							
10	-	20	25	25								
16	-	25	25	25								
25	-	25	25	32								
35	-	32	32	32								
50	20	32	32	40								
70	25	32	40	40								
95	25	40	40	40								
120	25	40	50	50								
150	32	40	50	63								
185	32	50	50	63								
240	40	50	63	63								
300	40	63	63	-								
400	50	63	75	50								

ENTRY THREAD
COMPARISON CHART

ISO (mm)	NPT	PG	BSP	ET
20	1/2"	16	1/2"	3/4"
25	3/4"	21	3/4"	1"
32	1"	29	1"	1 1/4"
40	1 1/4"	36	1 1/4"	1 1/2"
50	2"	42	2"	2"
63	2"	48	2"	2 1/2"
75	3"	-	3"	3"

TINNED COPPER / ALUMINIUM CABLE TERMINAL ENDS (LUGS)

CONEX Cable Lugs are provided with inspection window, thus ensuring full conductor insertion. Entrance is chamfered or bell mouthed for easy entry and high wall thickness.

Material : Made from high conductivity seamless Copper tube to BS 2874 - C 101, ASTM B 152 - C 11000 / Aluminium tubes in alloy 6063.

Sizes : From wire size 1.5 mm² to 800 mm², from 1 Ga to 8 Ga and 1/0 Ga to 4/0 Ga with different stud hole sizes as required. Drawings and dimensions are available on request

Finish : Uniform Electro-Tin plating for operating temperature up to 150°C. For operating temperature above 150 °C and up to 350 °C Electrolytic Nickel plating is used

4 Hole Transformer lugs also available from 300 mm² to 800 mm² (with Stud Hole size 4 x 8 mm).



INLINE CONNECTORS / SPLICES



Crimping type Inline connectors / Splices / Links available with or without dimple, in short & long barrel types and Electro-Tinned finish.

Material : High conductivity
Copper & Aluminium

Sizes : From 1.5 mm² to 1000 mm²

PRE-INSULATED COPPER TERMINALS



Fork type, Ring type & Pin type terminals are available from high conductivity Copper and are Insulated with plastics.

Sizes : 1.5 mm² to 16 mm²

BI-METALLIC COPPER AND ALUMINIUM TERMINALS

CONEX has full range of Bi-Metal Lugs for most applications. They are friction welded from the high quality Aluminium (99.6%) and Copper (99.9%). The Aluminium barrels are chemically treated to reduce contact resistance and corrosion. The barrels are filled with jointing compound and capped. They should be crimped using standard Aluminium dies. The range includes standard stud holes, or user specified holes can be punched in blank palms. Bi-Metal links and connectors are also provided on request.

Sizes : 25 mm² to 800 mm²



BOLTED LUGS



Bolted Copper alloy Lugs are a quick and easy way of making a connection on a normal or flexible conductor. Palms are machined top and bottom for bolting on either surface. They can be reused multiple times. Barrels have internal corrugations in the clamp to assist with current transfer.

Sizes : 10 mm² to 500 mm²

Material : High Conductivity Copper Alloy / Bronze

BRASS CAST / STAMPED LUGS



Brass Cast and Stamped Lugs for various electro-mechanical applications. They are mostly made to user specifications and used for battery cable harnesses. They are to be soldered or crimped with the battery cable.

Finish : Natural Brass and Chrome

➤ BRASS FITTINGS FOR FLEXIBLE CONDUITS

CONEX offers Brass Fittings to connect flexible electrical conduits with rigid metallic conduits. The fittings are broadly divided into two types (Internal and External screwing types). The Internal fittings can be sub-divided in to fixed and swivel types. These fittings are available in variety of entry threads like ISO Metric, PG, ET & BSP. All our fittings are standard and will be suitable to conduit pipes of major worldwide manufacturers.



TWO PIECE FLEXIBLE CONDUIT CONNECTERS (MALE & FEMALE THREADED)

2 Piece (Body & Shell) Nickel plated connectors suitable for PVC / STEEL conduits and available in fixed as well as swivel form to be screwed in internally.

FLEXIBLE CONDUIT	RIGID CONDUIT	FIXED TYPE CODE NO.	SWIVEL TYPE CODE NO.
16 mm	x 16 mm	CF 12	CS 12
16 mm	x 20 mm	CF 13	CS 13
20 mm	x 20 mm	CF 14	CS 14
25 mm	x 25 mm	CF 15	CS 15
32 mm	x 32 mm	CF 16	CS 16
40 mm	x 40 mm	CF 17	CS 17
50 mm	x 50 mm	CF 18	CS 18

Material : Brass to BS 2874
Finish : Nickel Plated
Threads : Metric / PG / Imperial

ONE PIECE FLEXIBLE CONDUIT ADAPTERS (MALE & FEMALE THREADED)

One Piece Brass Adapters suitable for Steel / PVC conduits to be screwed on externally.

FLEXIBLE CONDUIT	RIGID CONDUIT	CODE NO.
5/8" (16 mm)	3/4" (20 mm)	CA 12
3/4" (20 mm)	3/4" (20 mm)	CA 13
3/4" (20 mm)	1" (25 mm)	CA 14
1" (25 mm)	1" (25 mm)	CA 15
1 1/4" (32 mm)	1 1/4" (32 mm)	CA 16
1 1/2" (40 mm)	1 1/2" (40 mm)	CA 17
2" (50 mm)	2" (50 mm)	CA 18

Material : Brass to BS 2874
Finish : Natural Brass
Threads : Metric / PG / Imperial

➤ THREAD CONVERTERS, ADAPTERS AND PLUGS

Brass and Stainless Steel thread Adapters / Reducers help users with dissimilar thread sizes. Blanking plugs are used to stop and seal conduits and pipes. Also a range of thread accessories like Fiber / Rubber Washers / Seals can be provided.

Threads : ISO metric to BS 3643 1981 ISO 965 / DIN EN 50262 (12 mm to 75 mm)
 ❖ Imperial (ET) to BS 31 : 1979 (3/8" to 3") ❖ NPT to ANSI / ASME : 1983 (1/8" to 3") ❖ BSP (G) to BS 21 : 1985 ❖ PG to DIN 40430 : 1971

Finish : Natural Brass, Nickel & Chrome Plated



➤ BRASS MALE & FEMALE BUSHES / SLOTTED PLUGS



Sizes : Metric 20 mm to 50 mm (short and long pattern)
 Imperial 3/4" to 2" (short and long pattern)
Threads : Metric / PG / Imperial
Finish : Natural Brass

➤ BRASS CONDUIT ELBOWS



One piece die cast 90° and 45° Elbows and Conduit fittings for liquid tight applications.
Finish : Nickel plated

➤ GALVANIZED (G.I.) / STEEL CONDUIT FITTINGS

We offer a wide range of Galvanized Iron (GI), Aluminium, malleable & cast Iron and Zinc die-cast / machined / pressed conduit fittings. We specialize in 2-way, 3-way and 4-way junction boxes, male hooks and Steel pressed lock nuts. High speed die-casting machines, which are suitable for high volume production of conduit fittings with consistent quality are used.

All Metric and Imperial threads are available.



LOCK NUTS

Sizes : 20 mm to 50 mm & 3/4" to 2"
Material : Mild Steel, Zinc & Aluminium
Finish : Electro Galvanized



SPACE BAR / DISTANCE SADDLES

Sizes : 20 to 32 mm & 3/4" to 1 1/4"
Material : Cast Iron
Finish : Galvanized & Black enameled



FLAT & TWISTED CRAMPETS

Sizes : 20 & 25 mm
Material : Mild Steel
Finish : Galvanized & Black enameled



INSPECTION TEES / ELBOWS (WITH COVER & SCREW)

Sizes : 20 to 50 mm & 3/4" to 2"
Material : Cast Iron
Finish : Galvanized & Black enameled



JUNCTION BOX COVER LIDS

Sizes : 20 mm & 3/4"
Material : Mild Steel
Finish : Galvanized & Black enameled



PRESSED CONDUIT BOXES

Sizes : 1-gang, 2-gang & 3/4", 1" deep
Material : Pre-Galvanized Steel sheet
Finish : Electro Galvanized



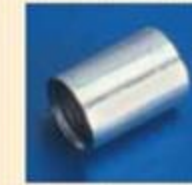
EMT CONDUIT FITTINGS

Sizes : 1/2", 3/4" & 1"
Material : Zinc / Aluminium die-cast
Finish : Electro Galvanized



MILLED EDGE LOCK RINGS

Sizes : 20 mm to 50 mm & 3/4" to 2"
Material : Mild Steel
Finish : Electro Galvanized



FEMALE COUPLERS

Sizes : 20 mm to 50 mm & 3/4" to 2"
Material : Mild Steel
Finish : Electro Galvanized



JUNCTION BOXES

Sizes : 20 mm to 50 mm & 3/4" to 2" in 1-Way to 4-way
Material : Cast / Malleable Iron & Zinc
Finish : Electro Galvanized



DIE CAST DOME COVERS

Sizes : 20 mm, 25 mm & 3/4", 1"
Material : Mild Steel, Aluminium & Zinc
Finish : Electro Galvanized



HOOK PLATES

Material : Mild Steel & Aluminium
Finish : Electro Galvanized



MALE NIPPLES

Sizes : 16 mm to 50 mm & 1/2" to 2"
Material : Mild Steel
Finish : Electro Galvanized



GALVANIZED MALE HOOKS

Sizes : 20 mm & 3/4"
Material : Zinc die-cast
Finish : Electro Galvanized

➤ BRASS NUTS / BOLTS / FASTENERS



CONEX offers a range of cold headed and bar turned / machined / stamped Fasteners and Fixings as per DIN / ISO / BS / ASTM / JIS / GOST standards for various applications. All our Fasteners confirm to International specifications and have a very high thread quality. 'Go' and 'Not Go' thread gauges are maintained throughout production and after plating. We cater to various industries like Heating, Switches, Appliances, Furniture, Automobile, Transformers, Pumps, Motors, Marine, Telecommunication, Petrochemicals, Control Panels etc.

Threads : ISO Metric, UNC, UNF, UNS, BSW, BA & BSF

BRASS HEX SET SCREWS

Standard : To DIN 933, BS 1083 & BS 3692 in Hexagon head (Full and Half threaded)

Sizes : From 3 mm to 16 mm in thread size and up to 100 mm in length

BRASS HEX NUTS

Standard : To DIN 934, BS 450, BS 1083 & BS 3692 (Full and Lock / Half Nuts)

Sizes : From 2 mm to 30 mm in thread size

BRASS EYE BOLTS

Standard : To DIN 444 & 580

Sizes : From 3 mm to 16 mm in thread size and up to 100 mm in length

BRASS CAP / ACORN / DOME NUTS

Standard : To DIN 1587

Sizes : From 2 mm to 24 mm in thread size

BRASS STUDS / THREADED RODS / ALLTHREADS

Standard : To DIN 529 & 975

Sizes : From 5 mm to 36 mm in thread size and up to 1.5 meter in length.

BRASS GRUB SCREWS

Standard : Slotted Grub Screws to DIN 438, 551 & 553 also socket screws to DIN 913, 914 & 915

Sizes : From 1 mm to 16 mm in thread size and 100 mm in length

BRASS WOOD SCREWS

Standard : To DIN 96 & 97 in Round & CSK heads respectively

Sizes : From 3 gauge to 12 gauge & length from 1/2" to 4"

BRASS ROUND HEAD SCREWS

Standard : To DIN 86

Sizes : From 1 mm to 12 mm in thread size & 100 mm in length.

BRASS CHEESE HEAD SCREWS

Standard : To DIN 84 / ISO 1207

Sizes : From 1 mm to 12 mm in thread size & 100 mm in length

BRASS PAN HEAD SCREWS

Standard : To DIN 85 & ISO 1580. We specialize in 4 mm series used in conduit box fitting

Sizes : From 1 mm to 12 mm in thread size and up to 100 mm in length

BRASS CSK HEAD SCREWS

Standard : To DIN 963

Sizes : From 1 mm to 12 mm in thread size and 100 mm in length.

BRASS RAISED CSK HEAD SCREWS

Standard : To DIN 964. We specialize in 3.5 mm Nickel plated series used on switches and sockets.

Sizes : From 1 mm to 12 mm in thread size and up to 100 mm in length

BRASS WING NUTS



Standard : To DIN 315

Sizes : From 2 mm to 24 mm thread size

BRASS SQUARE NUTS



Standard : To DIN 557

Sizes : From 3 mm to 30 mm in thread size

BRASS SPACERS / PILLARS



Sizes : From thread size 2 mm to 10 mm and 1/8" to 3/8" in round and hexagonal type in different lengths to suit customer needs.

BOOK / CHICAGO SCREWS



Brass and Aluminium male / female Chicago, Book-folder, Binding screws in 3, 4 and 5 mm thread size and up to 100 mm (4") in length.

➤ BRASS SLOTTED ANCHORS / EXPANSION FASTENERS

Brass slotted Anchors / Expansion Fasteners / Concrete Anchors are available in Metric as well as Imperial threads. These Anchors are used on wall mounting along with Steel screws or bolts for masonry use. The simple design enables them to be tightened with ordinary spanners. They are available with superior quality knurling for better grip. They are corrosion and temperature resistant and hence can be used in all environments.

Threads : 4 mm, 5 mm, 6 mm, 8 mm, 10 mm, 12 mm, 16 mm, 1/4", 5/16", 3/8", 1/2", 5/8"

Note : All standard sizes are available with us in ready stock.



➤ BRASS MOULDING INSERTS



CONEX manufactures Brass Inserts for plastic cold / hot moulding, wood and composites. Various types of Inserts like round, hexagonal and square with helical, cross and straight knurling can be provided. We offer Inserts for moulding of Thermoplastics, Rubbers, ABS, Poly-Carbonates, UPVC, CPVC, Bakelites, Formed plastics, HDPE, LDPE, PP, Acrylic etc. Moulding Inserts as per customer's designs / samples can also be produced.

Sizes : 1/8" to 3/4" and 3 mm to 20 mm

Threads : ISO METRIC, BSW, BSP, BSPT, UNC, UNF, NPT, NPS etc

HELICAL KNURLED INSERTS



These compact inserts are suitable for insertion in to all types of plastics and can be used with hot and cold mouldings.

TAPPEX TYPE INSERTS



These inserts are used with plastics and soft woods. They are available with serrated grooves and are push fit type.

STRAIGHT KNURLED INSERTS



One piece through-hole insert. It can be moulded / potted-in. A straight knurl provides torque out capabilities.

CROSS KNURLED INSERTS



They are double ended - assist automatic feeding, increased pull out and torque performance. They are self aligning and hence aid installation process.

KNURLED SCREWS



Knurled screws are used for moulding of Nylon spacers and pillars. They are available in 3 mm to 6 mm in size.

BSP / NPT THREADED INSERTS



For PVC / CPVC / UPVC moulding of sewerage and pipe fittings.

SELF TAPPING INSERTS



They are suitable for installation with wide range of Thermoplastics, used where high pull out resistance is required.

PRESS LOCK TYPE INSERTS



It is a press-in expansion type insert designed for use in Thermoplastic mouldings. It requires very low screw installation torque and has self-locking action.

➤ EARTHING / GROUNDING RODS

COPPER BONDED EARTH / GROUNDING RODS

CONEX Earth Rods are made from high tensile low carbon Steel complying with requirements of BS 4360 Grade 43 A. Each rod is molecularly bonded by 99.99% pure, high conductivity Copper. To prevent oxidation of Copper bonding, each rod is treated with Benzol-Triazole derivatives. Threads on rods are formed by roll threading process, giving threads extra strength, eliminating risk of chipping the threads while driving the rods in the ground.

ROD DIMENSION (mm)	DIAMETER OF THREADS	ACTUAL ROD DIA. (mm)	CODE NO.
9.5 x 1200	UNTHREADED	9.5	CCBR-9512
14.5 x 1200	9/16"	12.5	CCBR-1412
14.5 x 1500	9/16"	12.5	CCBR-1415
14.5 x 1800	9/16"	12.5	CCBR-1418
16.0 x 1200	5/8"	14.2	CCBR-1612
16.0 x 1500	5/8"	14.2	CCBR-1615
16.0 x 1800	5/8"	14.2	CCBR-1618
16.0 x 2400	5/8"	14.2	CCBR-1624
19.0 x 1200	3/4"	17.2	CCBR-1912
19.0 x 1500	3/4"	17.2	CCBR-1915
19.0 x 1800	3/4"	17.2	CCBR-1918
19.0 x 2400	3/4"	17.2	CCBR-1924
25.0 x 2400	UNTHREADED	25.4	CCBR-2524
25.0 x 3000	UNTHREADED	25.4	CCBR-2530



FITTINGS :-

DRIVING HEAD
COUPLING

: Reusable high tensile Steel
: Brass or Aluminum Bronze

DRIVING SPIKE

: High strength alloy Steel

INTERNAL COUPLING : Phosphorous Bronze or high tensile Brass dowel

ROD DETAILS FOR INTERNAL THREADED SOLID COPPER EARTH RODS

ROD DIAMETER (MM)	ROD LENGTH (MM)	CODE NO.
16	1200	CSCR-1612
16	1500	CSCR-1615
20	1200	CSCR-2012
20	1500	CSCR-2015

SOLID COPPER EARTH / GROUNDING RODS

CONEX Solid Copper Earth Rods are made in two types viz. externally threaded and internally threaded. Solid Copper Earth Rods are used where the factor of corrosion is very high and exceptionally high-long life is required and hence these rods are manufactured from pure and high conductivity hard drawn Copper to BS 2874-C-101. These rods are also available with Tin plating in order to reduce the risk of oxidation and increasing shelf life.

Note : Solid Stainless Steel earth rods can also be offered.

Packing : Earth Rods are packed individually in Polythene bags and rods are fitted with PVC caps at both the ends, thus preventing threads from getting damaged while handling.

➤ COPPER / BRONZE / BRASS EARTHING ACCESSORIES



EARTH PLATES

Drives earthing charge / current carried from conductor in to the ground.



MECHANICAL CONNECTORS / LUGS

Wires are wedged between arched pressure bar and collar establishing positive contact and firm permanent grip.



MULTIPLE POINTS

To be used with elevation / Copper air rods.



INTERFACE TEST CLAMPS

For connecting 8 mm diameter conductor to 25 mm x 3 mm flat tape. Allows disconnection for test purposes.



GROUND CLAMPS

To be used with armoured ground wire for direct burial.



EARTH POINTS

Where re-inforcing bars are electrically continuous and are to be used as down conductors, these earth points allow easy access for the lightning protection and earthing system.



OBLONG TEST CLAMPS

This clamp is designed to join range of tape sizes.



SQUARE TAPE CLAMPS

For forming straight through, cross or 'T' joints in tape and bar.



ROD TO CABLE CLAMPS

Suitable for use with 8 mm solid conductor to be connected with 3/8" to 1" dia. earth rod.



ROD TO LUG CLAMPS

Clamps for Copper bonded rods are tapped to fit on threaded portion of rod. They connect rod with cable lug.



U - BOLT CLAMPS

These are used for connecting solid circular conductor to Copper rod.



RAIN WATER PIPE (RWP) BONDS

Suitable for bonding tape to pipes, handrails etc.



ROD TO TAPE 'A' CLAMPS

Suitable for connecting combination of Copper tapes to earth rods.



FLEXIBLE BRAID BONDS AND CONNECTORS

These are used for bonding gates, doors, fences etc.



COPPER TAPER AIR RODS

To be installed with or without multiple points on Air Terminal base.



TERMINAL BASES

Used for supporting Rod to conductor with four fixing holes provided on it.



TAPE CLIPS

These are used with bare Copper tape.



COUPLERS

These are used for connecting multiple threaded rods and protecting threads of earth rods from damage and corrosion.



DC TAPE CLIPS

These are used with bare Copper tape.



TEST BONDS

These are used for 4 - way Copper tape connection.



BARE COPPER TAPE

They carry earthing charge to earth plates or earth rods and also available with PVC coating.

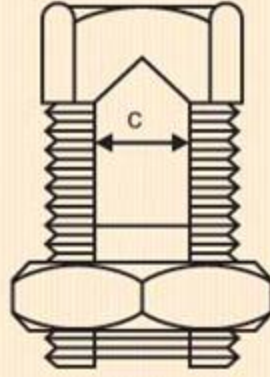


EARTH ROD SPIKES

They help to drive flat earth rods into the ground.



➤ LINE TAPS / SPLIT BOLT CONNECTORS



Conductor mm ²	C mm	Product Code No.
10	4.50	SBC-10
16	6.00	SBC-16
25	6.90	SBC-25
32-35	8.10	SBC-32
50	9.70	SBC-50
70	11.2	SBC-70
95	13.6	SBC-95
100	14.0	SBC-100
120	15.0	SBC-120
150	16.6	SBC-150
185	18.2	SBC-185
240	21.4	SBC-240
300	23.7	SBC-300
400	26.2	SBC-400
500	30.1	SBC-500

CONEX manufactures a vast range of Line Taps / Split Bolts / Cable Connectors to meet the material and dimensional specifications laid by different International Standards. Threads are formed by rolling process giving the nut extra clamping force. Pressure pads are made from extruded bars, preventing the pads from cracking. Line Taps are also offered with Copper palms and spacers (to separate dissimilar conductor materials and avoid corrosion).

Material: Brass, high conductivity Copper & Aluminium

➤ WASHERS AND PRESSED COMPONENTS

We offer Plain Washers to BS 4320 : 1968, DIN 125, 433 and 9021. Also available Bi-Metallic Washers, Wave Washers, Key Blanks, Copper Contacts, Radiator Caps, Special Pressed and deep drawn components for switchgears, transformers, capacitors, batteries, elevators, heaters, flange assembly, automobiles and other electro-mechanical applications. We also make rubber bonded pressed parts for automotive use. Progressive dies and tooling are available for high volume productions. Pressings up to 8 mm thickness can be provided on 400 tonnes press.

Material: Brass, Copper, Stainless Steel (A2 / A4) and Vulcanized Red Fibre

Finish: Natural, Nickel, Electro-Tin etc

Note: Deep drawing facility for Stainless Steel Kitchenware, Cutlery and Utensils is available.



➤ CATV CONNECTORS

CONEX range of Brass Connectors includes Co-axial plugs, sockets, cable jointers, 3-way F connectors, 4-way F connectors, F7 twist on plugs, F7 plugs crimp type, F plug - RF plug adaptors, F plug - RF socket adaptors, F plug - F plug adaptors, N plugs, N sockets, RF plugs, RF sockets, RF box plugs, F plug screw type, F5 plugs, F3 plugs and many other types can be made as per customer's requirements.

Finish: Nickel Plated



➤ BRASS BICYCLE / AUTO TYRE VALVES



Brass tyre tube Valves for bicycles and two - four wheelers are offered with or without rubber base in various sizes and standards. Valve repairing tools-kit can also be provided, if needed.

➤ PANEL BOARD FITTINGS

BRASS NEUTRAL LINKS / EARTH BARS

CONEX manufactures a wide range of Neutral Links / Earth Bars to be used with switchboards, panel boards, electrical enclosures, housing and distribution boards. They are available in different cross sections and up to 1 meter in length. Different screw & hole combinations can be offered as per customer's needs. Plastic / Bakelite support base will be provided with Neutral Links, if needed.

Finish: Electro-Tin, Nickel and Natural

Note: Tailor made Neutral Links in Aluminium can be offered.



BRASS EARTH / TERMINAL BLOCKS

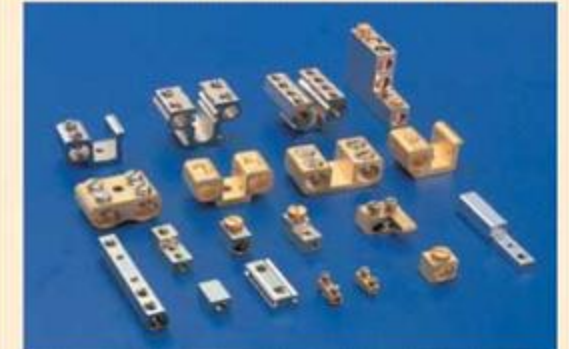


These blocks are used with housing panels in European market.

Sizes: 4 way and 8 way

Finish: Electro-Tin or Nickel plated

BRASS TERMINALS / CONTACTS



Brass Terminals and Contacts are available for electrical meters, switches, fuses, cutouts, motors, control gears, street lighting etc.

Sizes: As per Customer's designs

TERMINALS FOR CONNECTORS / EARTHING



Brass Terminals for PVC strip connectors are available in sizes 3 to 50 Amperes (with or without screws). Brass Earthing Terminals for conduit and wiring boxes are also produced in high volumes.

BRASS PINS FOR ELECTRICAL PLUGS



Brass Pins for electrical plugs and industrial plugs and sockets available. We can offer Brass male and female pins, live, neutral and earth pins. Also pins moulded with Nylon, Teflon and different plastics are available.

➤ BRASS AND COPPER BATTERY TERMINALS

BRASS BATTERY TERMINALS

Available in various cable sizes in forged & machined varieties. (Angle type, Lucas type, Cut type, Wing Nut type and Ford type).

Finish : Nickel, Electro-Tin and Natural

COPPER BATTERY TERMINALS

Heavy duty high conductivity Copper terminals are for Automotive, Trucking and Marine Industries. Available in Straight, Right Angle and Elbow Types.

Finish : Nickel, Electro-Tin, Lead and Natural

Note : Other Metallic Battery accessories like Nuts, Bolts, Studs, Posts, Clips, Clamps etc can be supplied.



➤ LAMP HOLDERS / LIGHTING PARTS AND ACCESSORIES



CONEX offers Brass and Porcelain Lamp Holders along with various accessories for lighting and lamp use to BSEN 61184.

Accessories : Nuts, Nipples, Couplers, Finials, Caps, Studs, Covers, Rosettes and Allthreads.

Finish : Natural Brass, Nickel, Chrome and Gold

➤ MICRO / TINY BRASS COMPONENTS



CONEX is one of the few companies manufacturing microscopic, small Brass Components and Fasteners. We can produce precision components from the size of **0.5 mm** in diameter. We make most critical components for industries like Optical accessories, Precision Instruments, Watches, Gauges etc.

We have capacity to thread and tap sizes as small as 0.5 mm / 16 BA / 1/32".

➤ EARTH CLAMPS EC 14 TYPE

Clamps for earthing and bonding are manufactured in accordance to BS 951:1986 (where applicable). Safety label in accordance with IEE Regulations 15th Edition. Clamps are stamped indicating terminal sizes A to D (2.5mm² X 10mm²)

Pipe Diameter	Max. Earthing Conductor	Code No.
12 mm - 32 mm	1 X 10 mm ² max.	CEC 14
12 mm - 50 mm	1 X 10 mm ² max.	CEC 15B
12 mm - 75 mm	1 X 10 mm ² max.	CEC 16C



➤ BRASS, COPPER, BRONZE AND STAINLESS STEEL CASTINGS



CONEX specializes in high quality Casting of non-ferrous metals and Stainless Steel. Machined and threaded castings can also be provided. We offer Elbows, Tees, Crosses, Bushes, Plugs, Pump parts, Motor parts, Valve Bodies, Water Meter parts, Sanitary Fittings, Builder's Hardware, Hooks, Fire Hydrant parts, Switch plates etc. Our capabilities includes Core making, Pattern making, Melting, Moulding and Machining.

Material : Brass, Gunmetal, Copper, Bronzes and Stainless Steels

Finish : Natural, Nickel & Chrome

➤ PIPE FITTINGS

BRASS HOSE NIPPLES / HOSE BARBS

CONEX 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 crimping type ferrules.

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

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

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

Material : Brass, Stainless Steel, Bronze & Aluminium

Finish : Natural, Nickel & Chrome



PIPE CLAMPS

Pressed, Stamped and Cast Clamps / Saddles / Clips for conduit and plumbing Pipe Fittings from sizes 12 mm to 54 mm, and 1/2" to 3".

Material : Brass, Copper and Bronze

Finish : Chrome, Nickel and Natural

Note : Custom made Pipe Clamps and Pipe support systems can be offered.



COMPRESSION FITTINGS

They are intended primarily for use in above and below ground water systems, central heating, hydraulics & pneumatics. They enable light gauge Copper, S.S., Polyethylene & PEX tubes to be well connected and consist of body with built-in stop for reclining of body with built in ring / ferrule corresponding size to the exterior diameter of tube and a compression nut. Single & twin ferrule fittings in Stainless Steel are also available.

Material : Brass and Stainless Steel





➤ STAINLESS STEEL TURNED PARTS

We produce a wide range of Stainless Steel turned / machined parts for high corrosive applications. Stainless Steel is known for excellent corrosion resistance and remarkable mechanical strength. Though Stainless Steel is notoriously difficult to machine, It is widely used in the industry for superior mechanical and physical properties. We can offer Stainless Steel 304 / 316 Stop Plugs, Ferrules, Bushes, Nipples, Unions, Fasteners, Welding Nipples, Cap Screws, Bulkheads, Manifolds, Hydraulic Fittings and Parts for Pressure Gauges and Meters.

Sizes : From 2 mm to 200 mm in diameter

Material : S.S. to AISI 303, 304, 304L, 316 & 316L

➤ COPPER TURNED PARTS

We offer a wide range of Copper Fasteners, Machined / Forged parts and Threaded components. Parts like Copper Bushes, Plugs, Threaded Bars, Ferrules, Olives and Machined Castings etc. are also offered.

Sizes : From 2 mm to 200 mm in diameter

Material : High conductivity Copper or Copper based alloys

Finish : Bright dipped, Electro-Tin & Nickel



➤ ALUMINIUM TURNED PARTS

Aluminium parts for Pipe Fittings, Electrical, Automotive and Fastening use are offered by us.

General Aluminium turned parts as per customer's specifications are also available.

We specialize in Aluminium electrical connectors, Bushes Nuts, Manifolds, Aluminium Conduit Fittings etc.

Sizes : 2 mm to 200 mm in diameter

Finish : Natural or Anodized

Note : Aluminium die-cast components are also available.

➤ GENERAL BRASS TURNED PARTS / SPECIAL COMPONENTS

We specialize in high volume manufacturing of repetition Brass Machined Parts. Over the decades, **CONEX** has gained an enviable reputation for being a reliable supplier to OEMs, Assemblers and Importers.

We undertake specialist Brass machining to customer's own specifications which can be for short or long production runs. Our range includes Brass Bushes, Spacers, Finials, Knobs, Terminals, LPG parts, Machined Castings, Brackets, Hardware parts, Unions, Adapters, Pins, Bearing Sleeves, Hydraulic & Pneumatic Fittings and all types of special components in Brass from 0.5 mm to 200 mm in diameter and up to 1000 mm in length. ➤



➤ In addition to machining, we can provide in-house secondary operations that include Threading, Cross Drilling, Milling, Tapping, Centerless Grinding, Deburring and Honing. As we make In-house Brass Rods / Sections, we can offer uneven sectional profiles suitable to customer's needs. **Due to low machining costs and recycling of Brass swarf, Brass screw machine parts are cheaper than Steel and offer very good substitute for Steel turned parts for most applications.**

➤ HOT STAMPED COMPONENTS

CONEX provides a complete range of Hydraulic and Pneumatic Fittings, Tees, Elbows and other Compression and Flare Fittings. Also available Gas Cocks, Valves and Heater Components and parts which can not be machined due to uneven shapes.

Finish : Natural, Electro-Tin, Chrome or Nickel

Sizes : As per specifications

Material : Brass - BS 2872 - CZ112

Copper - BS 2872 - C101/102

Aluminium - BS 1474 - 6082 T F



OUTSOURCED PART

Apart from our own manufactured products, our **MERCHANT EXPORTS DIVISION** helps our customers by supplying supplementary engineering products which we can competitively source from our associated manufacturers in India. We are involved with only high quality manufacturers and keep a close tab on quality and delivery schedules ensuring that only the confirming products reach our customers.

➤ HIGH TENSILE FASTENERS



Cold forged HT Fasteners in 8.8, 10.9 & 12.9 grades like Hex Set Screws (DIN 931 / ISO 4014 / 4017), Hex Nuts (DIN 934 / ISO 4032), Eye Bolts, Automobile Fasteners, ASTM A-931, B-7 Studs with 2 H Nuts, Socket Head Cap Screws, Square Bolts, Track Shoe Bolts, T Bolts, Nylock Nuts, Weld Nuts and Friction Grip Bolts and Nuts to ISO 7412 / 4775.

Threads : ISO - Metric, UNC, UNF, BSF, BSW

➤ DROP FORGED HAND TOOLS

Spanners : Drop Forged double ended open jaw Spanners and hexagonal ring Spanners are fully hardened and also Chrome plated if required. They are made from Chrome Vanadium Steel and available to Metric, Imperial & SAE hexagonal standards.

Wheel Spanners : Drop forged 2-way / 4-way Wheel Spanners for automobile use.

Pliers : Combination Pliers, drop forged to German standards with strong grip.

Pipe Wrenches : Adjustable and Rigid drop forged Pipe Wrenches to German standards.

Note : Also miscellaneous drop forged products like Screw Drivers, Chisels, Plumbing & Gardening Tools and uneven forgings can be provided.



➤ BOLT / WIRE CUTTERS

Bolt Cutters are designed in five different types to suit various applications as follows :

- | | |
|-----------------------------|--|
| General use | : Cutting of rods / wires from non-ferrous metals like Copper, Brass, Aluminium, Silver, Mild Steel and also Plastics. |
| High Tensile Use | : Cutting of rods / wires from high tensile pre-stressed wires etc. |
| Extra Hard Use | : Cutting of rods / wires for extra hard Steel with high carbon content. |
| High Temperature Use | : Cutting of rods / wires at high temperature, just when they come out of furnace. |
| Precious Metal Use | : Cutting of Gold / Silver with nipper type jaws to cut down on wastage and straight cuts. |



➤ CABLE CUTTERS

These Cable Cutters are designed to cut insulated Aluminium and Copper XLPE cables of different diameters. Drop Forged alloy steel jaws cut cable with minimum distortion of internal wires. These Cable Cutters are available with replaceable jaws. Strong tubular handles fitted with PVC comfort grip allow operators to easily cut the cable in any position. Used to cut soft and non-ferrous metal wires, like Copper cable, Aluminium cables but, this cable cutter is not intended to cut Steel, ACSR and armoured cables.



➤ PLASTIC AND RUBBER PARTS

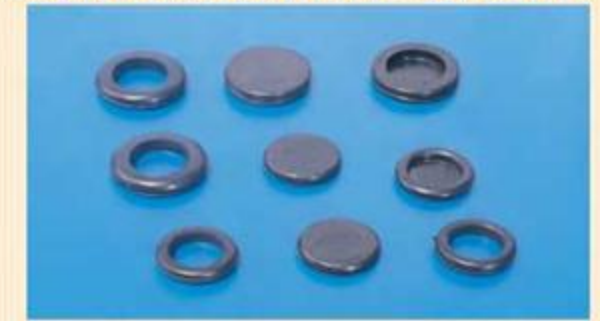
PVC TRUNKING SYSTEMS



Our Trunking System provides a practical solution for the supply of power, data and telecommunication cabling. Available in White & Grey colours.

Sizes : From 10 mm height x 16 mm width up to 150 mm height x 150 mm width and in lengths of 2.90 meter

PVC / RUBBER GROMMETS FOR CONDUIT BOXES



Blind and open flexible and soft PVC / Rubber Grommets to be used with Galvanized conduit boxes to prevent cables from getting nicked.

Sizes : 16 mm, 20 mm, 25 mm, 32 mm and also tailor made

RUBBER / FLEXIBLE PVC PARTS



We can offer wide variety of moulded and extruded Rubber / PVC parts like Shims, Seals, Gaskets, O rings, Washers, Bushes, Metal to Rubber Bonded parts, Trims, Pads, Diaphragms, Bellows, Boots, Shrouds for Cable Termination, Heat Shrink PVC products, End Caps, Automotive Rubber Parts and custom made parts.

INJECTION / BLOW AND ROTO MOULDED PLASTIC PARTS



All sorts of electrical and general plastic moulded parts like junction boxes, conduit fittings, saddles, couplers are offered. We are handling almost all critical materials like Poly carbonate, Nylon-66, Nylon-6, Noryl, Arnite, Delrin, ABS, PP, HDPE, LDPE, PVC, HIP etc.

Note : Economical tooling costs in India make it viable to produce smaller quantities of Injection Moulded Parts.

➤ FIBRE GASKETS



We offer Asbestos Fibre and Vulcanized Fibre gaskets in round & uneven shapes for mechanical assemblies. They effectively seal the mating surfaces to zero clearance. They seal into the imperfections of the Joint contact faces by 'Yielding or Flow' of the gasket material.

➤ PORCELAIN AND CERAMIC PARTS



Our range includes Lamp holders, HRC Fuses, LT / HT insulators, Band Heater parts, Capacitors Bushes, Capacitors Bushings, Thermostat parts etc.

We offer parts from Porcelain, Steatite, Cordierite Porcelain, Cordierite Refractory, Alumina Refractory and high Alumina of different grades.



➔ HELICAL SPRINGS

Stainless Steel, Spring Steel and Bronze Springs are made on high speed automatic machines. They are made to customer's specifications for variety of uses and engineering applications. They are tested for Hardness and Tensile Strength.

Finish : Electro Polished & Nickel

We Can Also Source Following Products At Very Attractive Prices

- | | | |
|---|---|---|
| ◆ Electrical Installation and Cable Management Parts | ◆ Automobile Parts | ◆ Steel Cold & Hot Forgings |
| ◆ Overhead Transmission / Pole Line Accessories | ◆ Diesel Engine Spares | ◆ Investment Castings |
| ◆ Marine & Flameproof Electrical Accessories | ◆ Bearings | ◆ Quick Couplings |
| ◆ Panel Board Hinges | ◆ Piston Valves | ◆ Builder's Hardware |
| ◆ Cable Jointing Kits | ◆ Sanitary Bathroom and Water Fittings | ◆ Hand Tools |
| ◆ Cable Trays / Ties | ◆ Hose & Pipe Assemblies | ◆ Cycle Parts |
| ◆ Valves | ◆ Garden Hand Tools | ◆ Stainless Steel Utensils & Cutlery |
| ◆ Cutting Tools Like Drills, Holesaws Endmills | ◆ Hydraulic and Pneumatic Fittings | ◆ Stainless Steel Weld Neck, Slip On, Blind & Threaded Flanges |
| | ◆ Hand Tools | ◆ S. S. Wires & Bright Bars |
| | | ◆ Screwed & Swaged Pipe Fittings & Couplings |

All Types Of Light Engineering Parts

➔ THE WAY IT WILL COME TO YOU ➔

OUTER BOX / PACKING

Strong sea worthy corrugated cartons are 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. The inner boxes are further packed in big plastic poly bags making the cargo water proof.

Conex : State-of-the-Art Plant

Our state-of-the-Art factory spanning over area of 1,000 Sq. Mtrs. is situated at Jamnagar (Gujarat State) In the heart of fastest developing Industrial zone of India. It has In-house production facilities like Casting, Machining, Finishing, Inspection-Lab, Packing etc.

It has capacity to produce over 150 Tonnes of Precision Metal Components per month.



: JOINT VENTURE / TECHNOLOGY TRANSFER :

We are keen to establish joint manufacturing of Light Engineering products in India provided there is a buy-back arrangement. Globalization and opening up of Indian Economy provide excellent opportunities for Foreign Industrial Investment.

: HOW TO REDUCE COSTS & PURCHASE MORE ECONOMICALLY :

QUANTITY	Check annual requirements and advise supplier.	With an annual contract the supplier can minimize tooling, setup costs and material costs. Greater flexibility for the most economical method of manufacturing is allowed.	INTERNAL DIAMETERS	Hole diameters should be specified to the maximum allowable limits.	Suppliers of precision machined products stock standard drills and reamers. Special internal diameters can be produced but with expensive special tooling.
OVER AND UNDER RUNS	Ordering exact quantities increases costs.	Allowance must be made for overage in production which must be prorated in the quoted price.	THREADS	Specify standard threads as far as possible like UNC, UNF, ISO Metric, BSP (G), NPT, NPTF, BSW, BA etc. Also for internal threads keep short lengths if possible.	Special threads require special tools and gauges. Closer fits may require additional operations. Full threads are harder to tap.
DELIVERY	Allow sufficient lead time for normal planning. Provide your supplier with the best forecast.	Quick deliveries involve premium material and labour costs. A longer / better forecast permits more economical manufacturing runs.	GAUGES AND GAUGING EQUIPMENT	Wherever possible, part design should avoid the need for special gauges.	Special gauges and gauging equipment add to part cost. Customers may supply special gauges to eliminate additional costs.
PACKAGING	If special packaging, labeling or bar coding is required, advise the supplier of this when the request for pricing is made.	Unusual packaging requirements are expensive due to special material and labor. If advised in advance, a supplier may be able to provide alternative, less expensive packaging.	FINISH	Clearly specify surface finish no closer than necessary to meet functional requirements.	Finer surface finish may require special tooling, slower cycle time or additional second operations and special handling and packaging methods.
MATERIAL	Design and application permitting, specify standard sizes of free machining grades.	Standard sizes cost less and are more readily available. Free machining material (BRASS) yields greater production, improved finish and closer tolerances.	QUALITY	Be as detailed as possible with the quality requirements. Specify which characteristics are of greatest importance to product performance.	This will allow the supplier to focus on what is important and to follow parallel or compatible quality procedures.
TOLERANCES	Specify no closer tolerance than absolutely functionally necessary.	If required, suppliers of precision machined products can and will make the parts with close tolerances. However, higher costs can be expected the closer the tolerance requirements.			

- Due to continuous development, we reserve the right to change / amend specs. without notice.
- Technical data provided is only for guidance without any responsibility on our part.
- Any reprint or copy, even in the extract form requires **CONEX METALS INDIA's** permission.



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