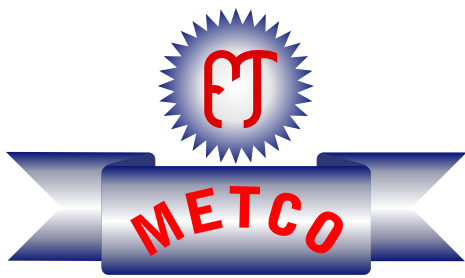


Merit Eng General Trading LLC



PRODUCTS

CATALOGUE

**METCO** Products cater to customer requirements in Oil & Gas, Power, Utility, Infrastructure, Building & Construction and allied industry segments.

We represent leading manufacturers from around the globe for a range of innovative engineering products for rotating equipments and electro-mechanical systems, and are constantly expanding this range.

We specialize in the selection and supply of TOTAL packages for Mechanical Seals, valves, actuation and automation systems and we can offer guidance in the selection of the best equipment package to suit the application and offer the most cost-effective and competitive solutions.

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Merit Eng General Trading LLC

# PRODUCTS

## MECHANICAL SEALS

A mechanical seal is simply a method of containing fluid within a vessel (typically pumps, mixers, etc.) where a rotating shaft passes through a stationary housing or occasionally, where the housing rotates around the shaft.

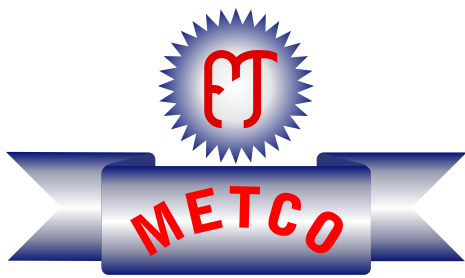


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# PRODUCTS

## DRY GAS SEAL SERIES NG TYPE

NG series dry gas seal is a non-contacting mechanical seal lubricated by gas film, which combined hydrodynamic and hydrostatic effect. Dry gas seals are mainly used in turbo-compressors, turbo-expanders, etc. in natural gas pipeline, refinery, petrochemical industries, chemical industries and other industries.

Compared with other mechanical seals, the main distinctive attribute of dry gas seal is that shallow grooves are machined on the sealing face of either rotating ring or stationary ring. Sealing faces do not contact during dynamic operation by means of gas film between them, resulting almost no wear. The sealing face dry gas seals have the features of high reliability and long life, almost negligible leakage, very low power consumption, no gas contaminated oil, no oil contaminated gas, elimination of bulky and complex seal oil system, light weight and small occupying area of control system.



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# PRODUCTS



## The FSD Solution

This technology changes everything. This direct electrically driven gas conditioning booster is the only electrically powered booster designed from the ground up, inside to outside for gas conditioning to protect your valuable dry gas seals. This development offers the most efficient and cost effective dry gas seal protection solution.

### No Air Supply

No need for a high capacity, high quality and costly air drive supply.

### Significant Wear Reduction

No piston seals or other high wear seal items to wear out.

### No leakage Losses

Direct magnetic coupling design means there is no seal leakage and no need for costly seal monitoring devices.

### Higher Efficiency

Direct electric drive offers the best levels of efficiency.

### Higher Reliability

Longer life means a huge reduction in operating expenditure.

**GAS CONDITIONING SOLUTIONS FOR THE TURBO MACHINERY INDUSTRY**

### System Integration

Hugely simplified system integration requiring simplified input and output signals.

### System Intelligence

The FSD Turbo Booster can be provided with an intelligent interface to further increase system intelligence.

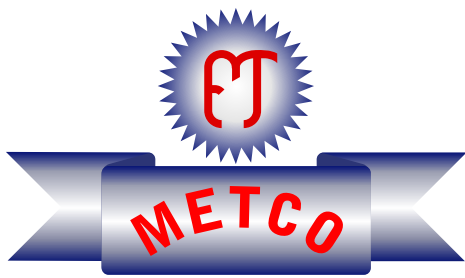


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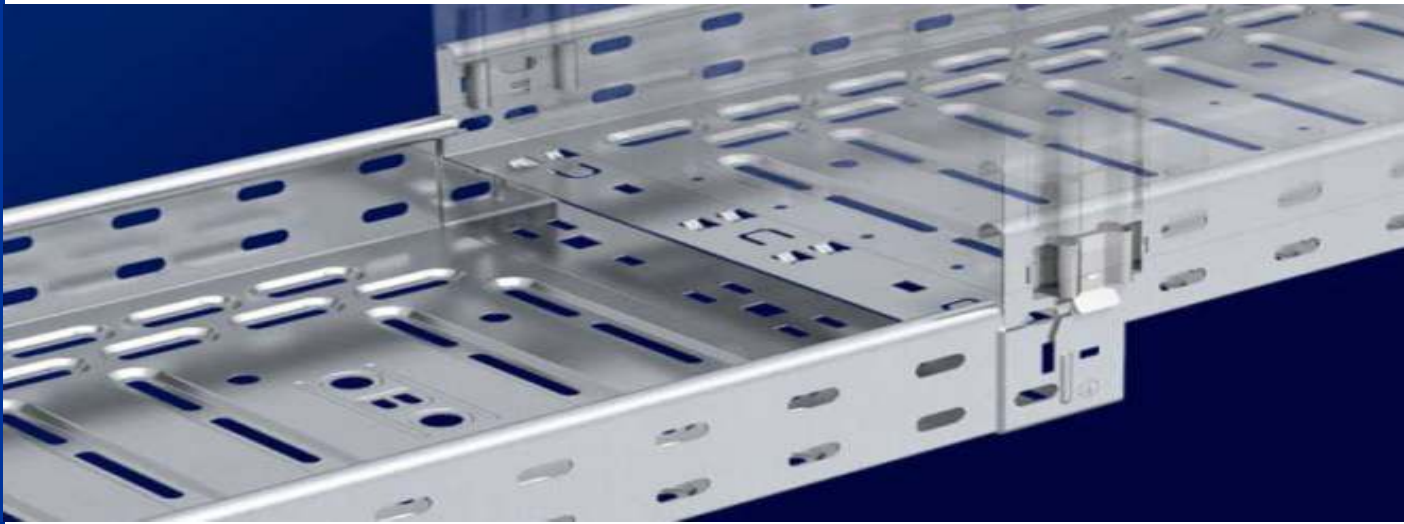


Merit Eng General Trading LLC

# PRODUCTS

## Cable Trays System

METCO Sources Cable trays that are manufactured for the smooth and easy pulling of cable from one point to another by taking care of cable loads and practical site problems. Wherever possible all fitting are made of state of art single piece construction. Slotting Patterns are in such a way that it enables the easy cutting and joining at any point without drilling at site. Design allows greater cable filling capacity and smooth turning at bends.

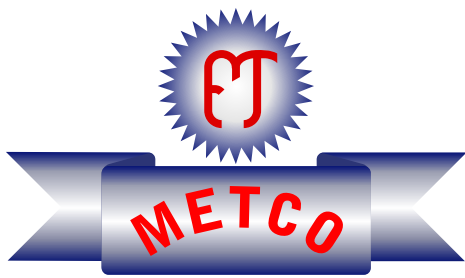


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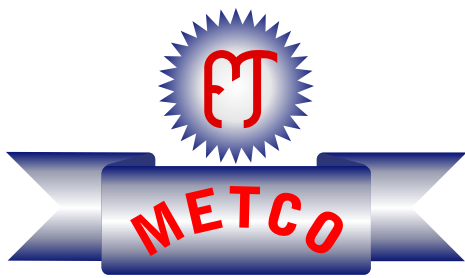


# PRODUCTS

## Cable Cleats

METCO Products offer a range of cleats that are both comprehensive and diverse, designed for use within industrial areas and hazardous locations, as well as specialist applications such as railway and underground, oil and gas, and petrochemical. They are tested in to ensure that, regardless of the cable formation used on the installation, there is a suitable cleat.





Merit Eng General Trading LLC

# PRODUCTS

## FASTNERS

METCO provides fastener like Anchors, bolts, hardware, nails, nuts, pins, clips, rivets, rods, screws, sockets, clamps, hangers, washers, and more. A fastener is a hardware device that mechanically joins or affixes two or more objects together. In general, fasteners are used to create non-permanent joints; that is, joints that can be removed or dismantled without damaging the joining components.

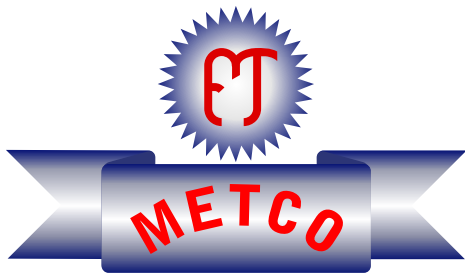


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# PRODUCTS

## ELECTRICAL ACCESSORIES

METCO Supplies from renowned manufacturer and exporter of various products like Electrical Accessories, Earthing Accessories, Fittings in various shape and sizes.



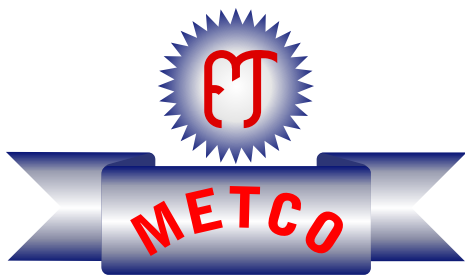
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# PRODUCTS

## VALVES

METCO offers valves from world class manufacturers for general and special applications. We also provide Specialty Valves for utility and process applications.

A valve is a device that regulates, directs or controls the flow of a fluid (gases, liquids, fluidized solids, or slurries) by opening, closing, or partially obstructing various passageways.

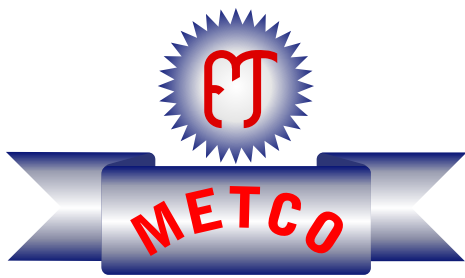


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# PRODUCTS

## BUSBAR SYSTEMS

Busbar systems are pre-fabric applications that carry the electrical power to the system by means of the windows designed for branching out the power at standard or nonstandard intervals. In the busbar system, the electric current is conducted by the busbars without requiring electrical cables. The external casings of the busbar systems are made of aluminum materials in order to prevent rusting with the corrosive effects and ground faults even years later. They may be used in many different areas such as shopping centers, factories, hotels, schools, office buildings, transformer centers, LV outputs, as well as the distribution and transmission of lighting systems. All the insulating materials are made of halogen-free, non-flammable and fire-retardant (V0) materials.

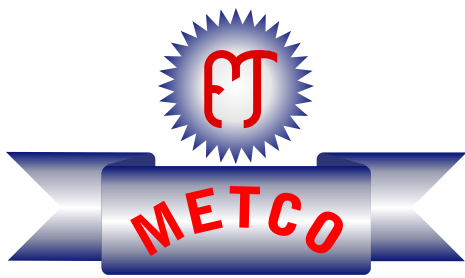


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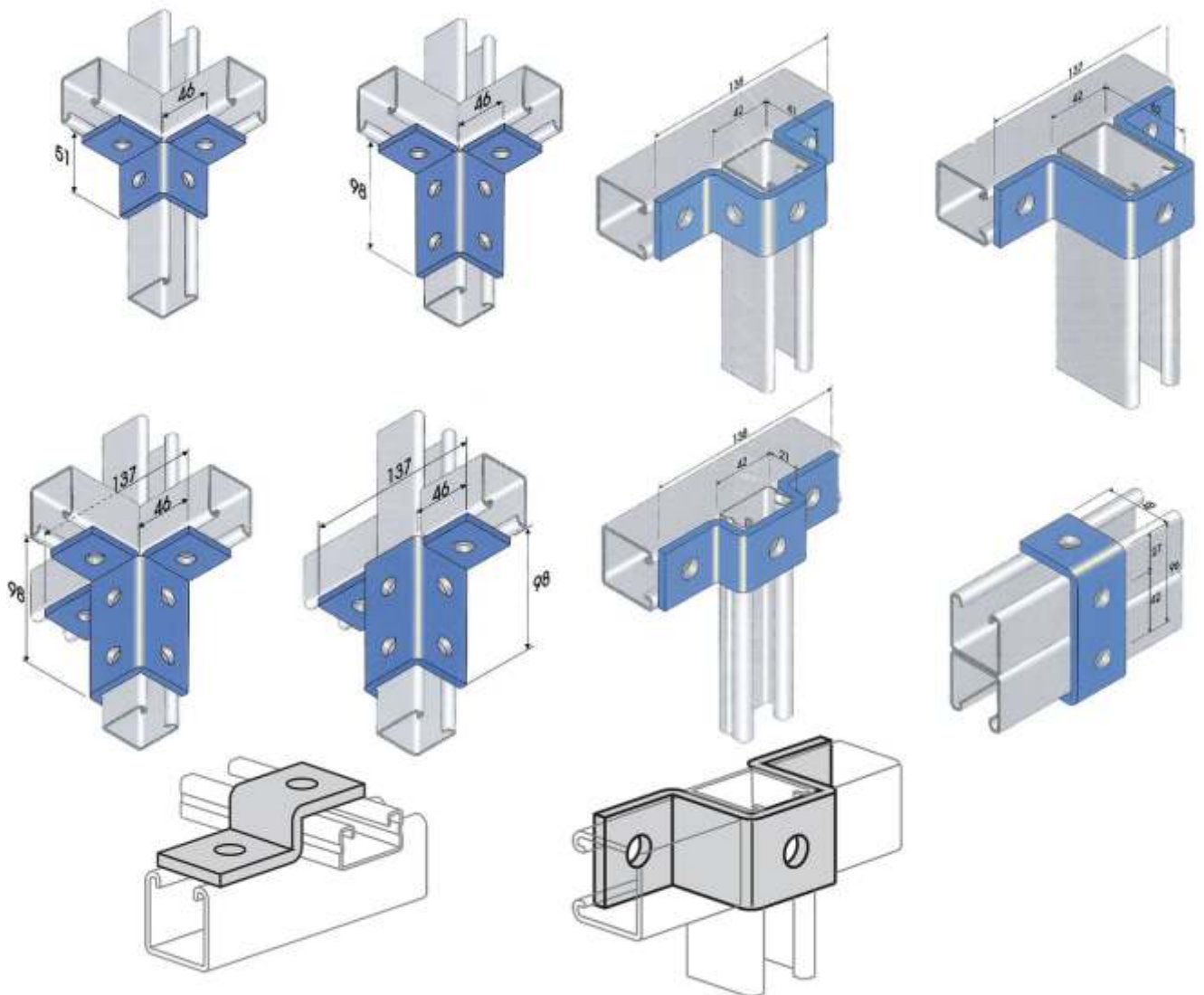


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# PRODUCTS

## FITTINGS

Fittings are manufactured from hot-rolled, pickled and oiled steel plates, strip or coil, The fitting steel also meets the physical requirements of international standards.



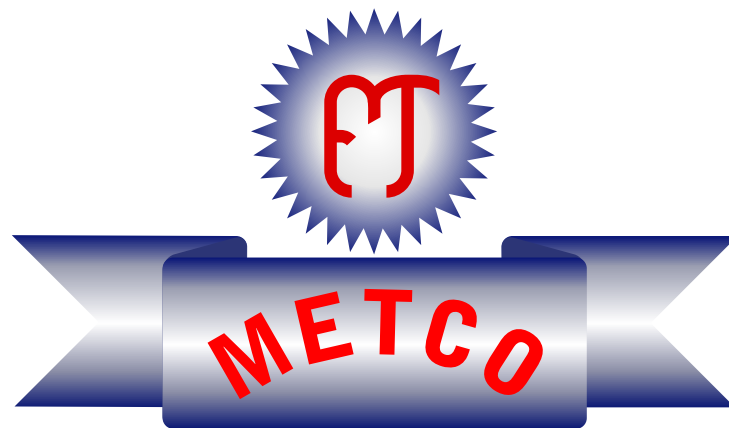
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We supply high quality Mechanical seals, Power Transmission Couplings, Valves, actuators for Oil & Gas, Petrochemicals & Power. Fasteners, fittings, Cable Cleats, Cable Trays & Electrical accessories.



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