

The logo for GLOBAL, featuring the word "GLOBAL" in a blue, sans-serif font. The letter "O" is replaced by a stylized globe icon with blue and white curved lines representing latitude and longitude. The logo is set within a white, rounded rectangular background.

**GLOBAL**

# PRODUCT CATALOGUE

- Pipe Clamps & Supports
- Pipe Hangers & Rollers
- Vibration Isolator Products
- Pipe Flexible Joints
- Piping Accessories
- Damper / Duct Accesories



## DAMPER QUADRANT

**Material :** Heavy gauge, Mild Steel, Zinc Electro Plated

- Heavy gauge available in 3/8" & 1/2"
- Zinc Plated steel sheet with handle action
- Zinc cast Wing Nut & G. I. Bolt for quick adjustment & locking
- Distinctly marked frame shows exact location of damper
- Lock handle available for round or square spindle

**Utility:** Suitable for Square or round ducts.



## RAPIT DAMPER QUADRANTS

**Material :** Construction Rust Resistant, Heavy Gauge, Galvanised Steel

- The Rapit will penetrate and secure to round or rectangular damper blades upto 24 gauge steel.
- It has a fully retractable bearing of zinc alloy, threaded to accept a 5/16-18 wing nut and handle that indicates the damper position.
- It's easy to use.

**Utility :** RAPIT is an inexpensive, rattle-free regulator for quick installation on balance or splitter damper



## DAMper REGULATOR

**Material :** Heavy gauge, Mild steel, Zinc Electro Plated

- Cost effective Damper Regulators
- Locked by a wing Nut & Bolt for easy operation
- Clear markings on the dial show the exact position of the Damper

**Utility :** Suitable for Square or round ducts.

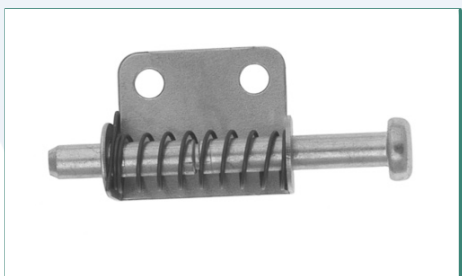


## SPINDLES G. I. & M. S.

**Material :** Mild steel, Zinc electro Plated, Galvanised iron

- Full Square or Square & Flat Combination
- Set of two pieces
- Can be supplied separately

**Utility :** Suitable for use with 3/8" & 1/2" Damper Quadrant and 1/4" & 3/8" Damper Regulator.

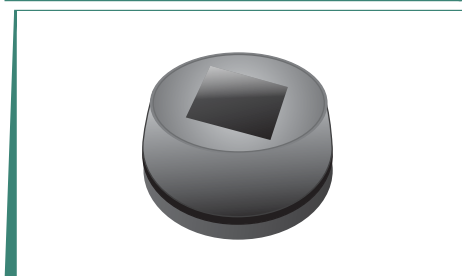


## SPRING LOCK BEARING

**Material :** Mild steel, Zinc Electro Plated

**Size :** (1/4" x 2 1/4" or 3 1/4") (3/8" x 2 3/4" or 3 3/4")

**Utility :** Used for Damper



## GRILL BUSH

**Material :** Nylon, HDPE

**Utility :** For rod guide support alignment.



## CONCEALED CLIP

**Material :** Mild steel, Chrome Plated

**Utility :** Used for fixing Diffusers.



### A C Ducting Accessories

**Material :** Mild Steel,  
Zinc Electro Plated  
**Utility :** Used for HVAC lock System.



### METAL HUB WITH GRUB SCREW

**Material :** Mild Steel,  
Zinc Electro Plated  
**Utility :** Used as Control Knob



### U TYPE BRACKET

**Material :** Mild Steel,  
Zinc Electro Plated  
**Utility :** For fixing spiral duct.



### DAMPER CLIP

**Material :** Mild Steel (Spring Quality), Zinc Electro Plated  
**Utility :** Used for Joining Damper over Diffuser.



### BALL JOINT

**Material :** Zinc Cast Alloy  
■ Available in 1/4" & 5/16" shaft Sizes  
**Utility :** Used along with Rubber Gasket for Secured fixing.



### ZINC LEVER

**Material :** Mild Steel  
■ Zinc electroplated  
**Utility :** For used in damper for supply diffusers.



### DAMPER BUSH

**Material :** Bronze, Brass  
**Utility :** For rod guide support alignment.



### G CLAMP WITH M8 X 25 BOLT

**Material :** Mild steel, Zinc electro plated, Galvanised Iron  
**Utility :** For holding sheet metal cleat with ducting wall.



**V STRAP WITH SET SCREW**  
**Material :** Mild steel, Zinc Electro pltd  
 Available with MG square & hexagonal Headed Screw  
**Utility :** For clamping & gripping holder pin.



**SPRINGS**  
**Material :** SS 304 grade  
**utility :** for diffuser.



**LINKAGE**  
**Material :** Steel Zinc electro Plated, Galvanised Iron  
 For use with square Spindle Available in 3/8" & 1/2" Sizes  
**Utility :** For Linking two or more Blades



**TDS CORNER (M.S. & G.I.)**  
**Material :** Heavy gauge, Mild steel, Zinc Electro Plated  
**Size :** 25 mm & 35 mm  
**Utility :** Easy slide in profiles for ducts



**SQUARE ROD**  
**Material :** Mild Steel, Zinc electro Plated Galvanised Iron  
 Available in full square set of two pieces can be supplied separately  
**Utility :** Suitable for use with 3/8" & 1/2" Damper Quadrant and 1/4" & 3/8" Damper regulator.



**SPLITER DAMPER BRACKET**  
**Material :** Steel, Zinc Electroplated with Brass Pivot  
**Size :** 1/4" & 5/16"  
**Utility :** for Volume Control dampers.



**SPRING NUT**  
**Material :** Mild Steel, Zinc electro Plated  
**Utility :** for fixing & alignment of Screwed joint.



**SMITCA CLIPS WITH NYLON WASHER**  
**Material :** Heavy gauge, Mild steel, Zinc electro Plated  
 SMITCA clips fixed in MS sheet of Air - Conditioning Ducting  
**Utility :** For fixing in MS sheet of Air Conditioning Ducting.



## PIPE SUPPORT CLAMPS

**Material :** Mild Steel, Zinc plated

- Welded combination connecting nut of size M8, M10, M12
- Lock bolts & nut M6 & M8 combihead cross recessed for extra strength
- EPDM Rubber lining or without rubber lining
- Lock bolt with plastic washer

**Sizes:** 1/2", 3/4", 1", 1 1/2", 2", 3", 4"

**Utility :** Clamping the pipes & Plumbing.



## PLASTIC GEAR

**Material :** HDPE or as per requirements

- Standard 4" Dia

**Utility :** For Volume Control Dampers.



## DRIVE COUPLING & CLEVIS & BUSH

**Material :** Drive Coupling: Mild steel,

**Clevis :** Spring Steel, En32

**Bush(Black):** Plastic

**Finish :** with electro plated with yellow passivation.

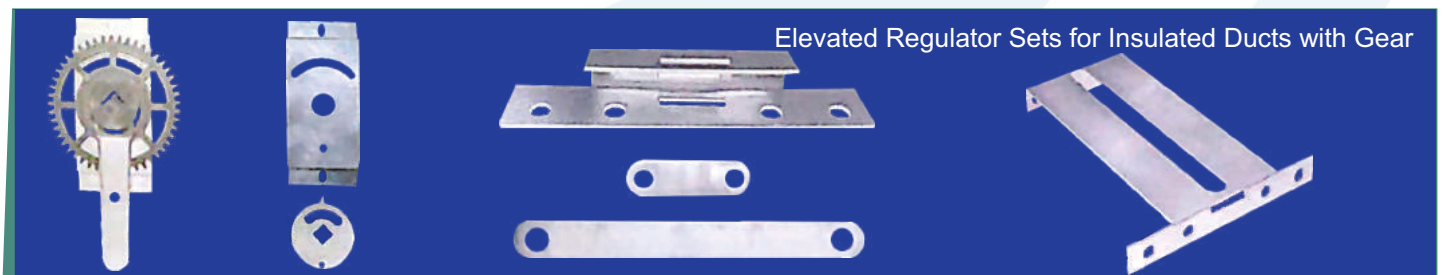


## STUCK - UP PIN SET

**Material :** Mild Steel, Zinc electro Plated

- Complete diffuser assembly available
- Diffuser cores separately available
- Center Pc Flower separately available

**Utility :** For insulation Fixing Purpose.



Elevated Regulator Sets for Insulated Ducts with Gear



Plastic Components  
(Waterloo UK Standards)  
**Material :** Nylon, HDPE



## INSULATOR

**Material :** Dough Moulding Compound (DMC)

- Conical, Cylindrical, Octagonal, Hex-cylindrical & Finger-type supports are manufactured.
- The Sizes range from the height of 25 mm to 76 mm.
- The extrude drass insert varies accordingly from M6 to M12 for the fixing of insulators.
- Excellent electrical and mechanical strength, heat and flame resistance and very low water absorption capacity.
- Successfully withstood the test load of 50 KVA.

**Utility :** DMC / SMC insulators for Control Panels, Boards.



## BUSBAR

**Material :** SMC

Besides the conventional stand off insulators, we also manufacture

- T. P. grip type supports
- Crane insulators
- Different type of terminal plates
- Fuse bases
- Busbar stiffners
- Supports suitable for draw out type panels



## COPPERBAR

**Material :** Copper

Besides the conventional stand off insulators, we also manufacture

- T. P. grip type supports
- Crane insulators
- Fuse bases
- Different type of terminal plates
- Busbar stiffners
- Supports suitable for draw out type panels



## EXTRUDED NEUTRAL & EARTH BAR

**Material :** Brass Cu Zn 60 / 40

**Size :** 4 x 6 way

**Finish :** Tin plating 5 - 10 microns

**Capacity :** 2 ph & 3 ph up to 100 A

**Utility :** Terminal bars / neutral links for the electrical industry applications.



## CONTACT WASHERS / PICOT WASHERS

**Material :** HIGH SPRING STEEL

**Size :** Available in Dia.810, Dia.22

**Utility :** Contact washer for Screw Fasteners under pressure.



## WIPING GLAND

**Material :** Heavy duty Brass

- Wiping Glands are made as per customers drawings & specifications.



### FULLY THREADED RODS

**Material :** Mild Steel, Zinc Electro Plated

- **Diameters :** Metric M4 to M33 / BSW 3/16" to 1"
- **Length :** Standard length - 1 Meter, 2 Meter & 3 Meter
- **Special length :** 100mm to 1 meter as per requirement
- **Packing :** Laminated Hessian tubes/wooden boxes

**Utility :** For damper holding & fixing in proper position.



### BOX HINGES OF VARIABLE SIZE

**Material :** Mild Steel, Zinc Plated

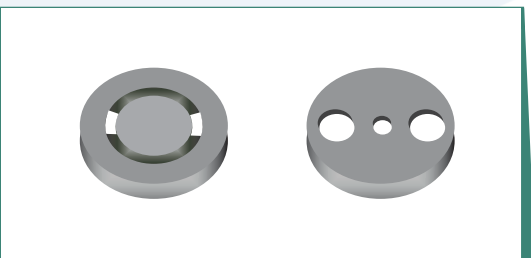
- Box hinge for Double door service box
- Hinge pin & sleeve attachment

**Utility :** For double door hinge alignment.



## Engineering Parts

for Furniture & Home Appliance



### UPRIGHT PIPE BASE SHARING CONTA SCREEN

**Material :** Mild Steel, Zinc Electro Plated

**Utility :** For fixing & clamping pipe base.



### CLAMP WITH SPACER

**Material :** Mild Steel, Zinc Electro Plated, Stainless Steel

**Utility :** For Clamping & Fixing Duct Pipe.



### J TYPE MOUNTING CLIP

**Material :** Mild Steel, Zinc Electro Plated

**Utility :** For holding cable.



**RETAINER**

**Material :** Spring Steel

**Utility :** For metal sheet gripping & clamping.



**SPACER HINGE LOWER**

**Material :** Galvanised Iron, Mild Steel, Zinc Electro Plated

**Utility :** Used as Spacer in Hinge alignment.



**DOOR STOPPER**

**Material :** SAE 1008 TO 1028 C.R.S. to be #2 (half hard ) temper

**Finish :** Nickel Chrome Plated, WM 3103 -B1

**Utility :** For Door Stopper attachment & alignment.



**STUD - COMPRESSOR**

**Material :** Mild Steel, Zinc Plating - Yellow Passivation

**Utility :** For fixing in sheet metal alignment.



**STOP LOCK**

**Material :** SAE 1008 C.R.S. to be #2 (half hard) temper

**Finish :** Nickel Chrome Plated, WM 3103 -B1

**Utility :** for Door Stop Lock attachment & alignment.



**FOOT BRACKET**

**Material :** Mild Steel, Zinc Electro plated

**Utility :** For fixing & supporting sheet metal cleats.



**DOME NUT / ATTACHMENT FLANGE**

**Material :** Mild Steel, Zinc Electro Plated

**Utility :** For fixing Countersunk Screw Joints.





### LEAD SCREW WITH NUT

Lead screw with nut manufactured on CNC turning center with precise

**Utility :** Lead screw with nut used is mid alignment component in revolving chair.



### M. S. PATTI

**Material :** Mild Steel, Zinc Electro Plated

**Utility :** Suitable for use with damper Quadrant & damper regulator



### M. S. PATTI WITH HOOK TYPE HOLE

**Material :** Mild Steel, Zinc Electro Plated

**Utility :** For fixing conical headed screwed joint.

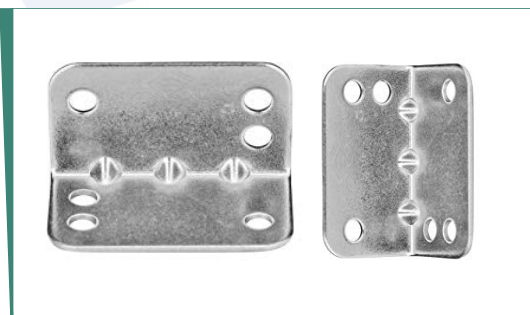


### EYE BOLT WITH NUT

**Material :** Mild Steel, Zinc Electro Plated

**Size :** 12mm, 14mm & 16mm.

**Utility :** For Volume Control Dampers.



### M. S. PLATE

**Material :** Mild Steel, Zinc Electro Plated

**Utility :** For Riveted Joint Alignment.



### M. S. ANGLE

**Material :** Mild Steel, Zinc Electro Plated

**Size :** 20 X 20 mm, 30 X 30 mm, 40 x 40 mm, 50 x 50 mm & 60 x 60 mm

**Utility :** For fixing Angled Screw Joint

Market items



## SPECIAL BRASS COMPONENTS

**Material :** Brass to BS 2874 / 2872

**Threads :** ISO Metric, BSW, BA, BSF, UNC, UNF, UNEF etc.

**Threads :** 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 32mm.

**Threads :** 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 1", 1 1/8", 1 1/4", 1 1/2", 1 3/4", 2".

**Finish :** Brass natural, Electro Tinned, Nickel etc.



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

## COMPRESSION FITTINGS

**Material :** Brass

- Finish : Natural and Chrome
- They enable light gauge copper, S. S. polythylene & 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 exterior diameter of tube and a compression nut.
- Coupler / union used with Brass Nuts and Olives to connect copper and S, S, Tubes.
- Elbows are used to change pipe direction through 90°
- Tees used for extending pipe work and changing directions and to connect 3 pipe.
- Olives - Compression rings / sleeves available with diameters from 3mm to 28mm.

**Utility :** Compression fittings used in above & below ground water systems & central heating.



## CABLE GLAND

**Material :** Brass

Cable Gland Accessories

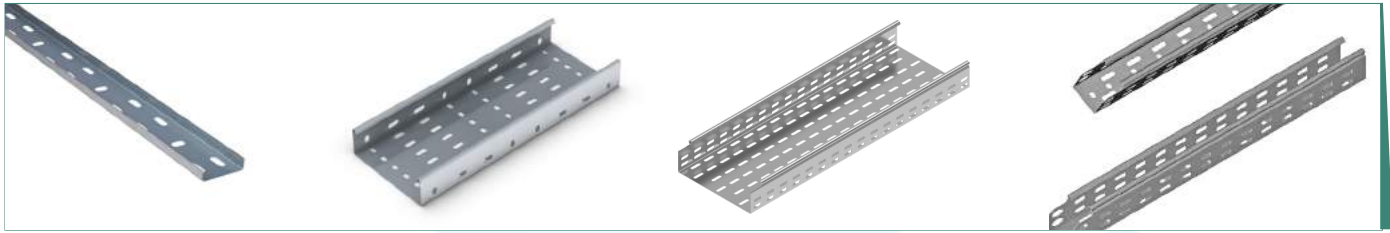
- BW 2 Part Cable Glands ■ CW Brass Cable Glands ■ BW 3 Part Brass Cable Glands ■ T. R. S. Brass Cable Glands
- E1 W Brass Cable Glands ■ Alco Brass Cable Glands ■ PG Threaded Brass Cable Glands ■ CXT Type Cable Glands
- A2 Type Brass Cable Glands ■ Marine cable Glands ■ Cable Glands KIT (pack) ■ Brass cable glands are as per BS 6121 Part 1 and suitable for single wire armoured plastic or rubber sheathed cable. ■ The outer seal grips sheath, These glands provide mechanical cable retention, and electrical continuity via armour wire termination.

**Utility :** The use of these glands is recommended in indoor as well as outdoor application because of suitability in most climatic conditions, weather proof and water proof.



## BRASS MOULDING INSERTS

- Available Metric UNC UNF BSW BA BSP ISO metric DIN threaded Brass moulding inserts for injection and root molding. Moulding inserts moulding turned parts are also available as per customer design and samples.



## CABLE TRAYS

**Material :** Standard mill galvanized finish to BS 2989 & hot dipped galvanized to BS 729 after manufacture

**Size:** Standard sizes of 3 meters are available in different types.

**Classifications :** Plain type, Outside Return Flange, Inside return Flange, 90° outside Flange.



## CABLE LADDERS

**Material :** Mill galvanized finish to BS 2989 or hot dipped galvanized to BS 729 after manufacture

**Size :** Standard sizes of 3 meters & 2.44 meters are available.

Available custom designed finishes & types to suit the requirements.

**Classifications :** L D Series, M D Series, H D Series.



## STRT CHANNEL



## CABLE RAILING SYSTEM

**Material :** Cold rolled steel

Available complete range of DIN RAILS.

These steel rails are manufactured from cold roll steel and processed in various types through rolling.

The finish is zinc electroplated with yellow passivation.

All rails are available in 1 mtr. & 2 mtr. Length and in three

types i.e. Plain (P),

Punched / Dotted (D) & Slotted (S)

**Utility :** For the mounting of terminal blocks, MCB's, etc.



## CABLE TRUNKING

**Size:** Standard sizes of 3 mtrs. & 2.44 mtrs are available.

- Cable trunking covers are provided with screw locks & jet locks, Jet locked covers require minimum rotation to fasten itself strongly

**Classifications :** Single Chamber jet lock CJ, Single chamber screw lock CS, Multiple Chamber Jet Lock 2 CJ, Multiple Chamber Screw Lock 2CS





## High Speed Pneumatic (C-Frame) power Press (C-Frame) 10 to 50 Tons

### Sallent Features:

- Steel frame with superior Rigidity
- Hydraulic overload safety system
- Provision for Automatic feed system
- Pneumatic combination clutch & brake
- Motorised slide adjustment (Above 100 Tons)
- Die height Indicator
- Dual Solenoid valve
- Operating inching, Continuous Single stroke
- Pneumatic die cushion
- Ram Knockout
- Electric control panel
- Air counter balancers
- Two hand engagement device
- Boister plate with T siots
- Cam limit switch
- Digital stroke counter
- Photoelectric safety guard
- Motorised Automatic Lubrication phosphorous bronze bushes



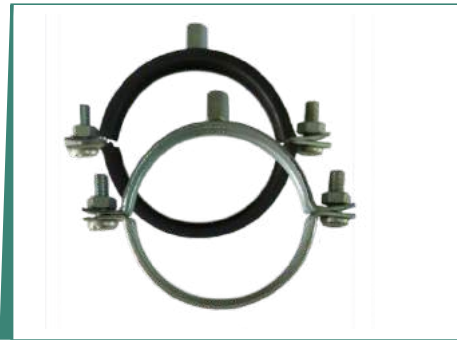
Pillar Type Power Press 30 to 500 Tons	
Capacity (Tons)	Stroke (mm)
30	76
50	88
80	102
100	114
150	152
200	175
250	203



Inclinable Type Power Press	
Capacity (Tons)	Stroke (mm)
10	51
20	63
30	76
50	90
80	102
100	114



Cross Shaft Power Press	
Force (KN)	Stroke Fixed (mm)
320	80
400	88
630	100
1000	125
1600	160



## Global Split Clamps

- Mild Steel Zine Electro Plated Clamp.
- Strengthened lock bolts with combine cross recessed head for high load capacity.
- Used for both horizontal and vertical installations.
- Welded combination connecting Nut of size M8+M10 or M10 + M12
- Size : 6" and above
- Also available with EPDM sleeves.



## Global U - bolts

- Used for direct fixing pipe clamps to channel systems.
- Used either as fixed or a sliding support.
- Supplied with four nuts.
- Also available with EPDM sleeves
- MSS-SP58 Type 24



## Global U - Strap Clamps

- Used for clamping plain or insulated pipes to channel supports such as wall brackets, trapeze hangers and floor stands.
- Slotted mounting holes for convenient installation.
- MSS-SP58 Type 24



## Global Riser Clamps

- Provides rigid support or guides for all types of vertical piping.
- Rugged design ensures stability under large lateral loads.
- Comes with special intermediate sizes.
- Designed to closely fit any insulated pipe OD.
- MSS-SP58 Type 8.



## Global Rubber Support Inserts

- Pipe Support Insert is suitable for wall or ceiling mounting.
- Rubber support inserts are used with chilled water pipes, condenser water and domestic hot / cold water installations.
- Tongue and Groove design joint to prevent the entrance of air.
- Molded Hard Rubber.
- Dimensionally accurate as each piece is individually machine molded.
- Excellent resistance to Moisture, termites and deterioration.
- Minimises transmission of noise and vibration.

### Notes :

1. **Material :** Low carbon steel.
2. **Finish :** Electro-galvanised plating as per ASTM B633 Sc3 and BS 1706 FE/ZN 12.
3. **EPDM Lining :** The lining fitted on clamps and supports.
4. **Temp. :** Tolerance from - 20°C to 110°C
5. **Intermediate sizes :** We manufacture all supports as well intermediate in standard sizes to provide close fit over any insulated pipe OD.



## Global Adjustable Clevis Hangers

- Suitable for the suspension of stationary pipe lines.
- Fits any insulated pipe.
- It has yoke on outside of lower U-strap so yoke cannot slide toward center of bolt, thus bending of bolt is minimized.
- Available for pipe size : 1/2" to 8"
- Also available with EPDM sleeves.
- MSS-SP58 Type 1



## Global Sprinkler Pipe Hangers

- Adjustable swivel ring type hangers.
- Supplied with knurled swivel nut for convenience and labour saving.
- Dimpled bend lips for additional strength.
- Electro galvanized.
- UL, ULC listed for sizes 3/4" to 8"
- MSS-SP58 Type 10.



## Global Adjustable Roller Hanger

- Designed to facilitate axial movement of suspended pipes caused by thermal expansion/contraction or mechanical shifting.
- Yoke design permits vertical level adjustment.
- MSS-SP58 Type 46.



## Global Pipe Roller Set

- Used for assembling roller trapeze hangers or supports.
- Permits easy vertical leveling post installation.
- Recommended for suspension of piping with constrained space.
- Roller and sockets are made from solid steel.
- MSS-SP58 Type 41.



## Global Roller Chair

- Facilitates axial movements of supported pipes caused by mechanical shifting.
- Manufactured in SS Shaft.
- Rollers have a higher load bearing capacity and operates smoothly.
- MSS-SP58 Type 44



## Global Open Spring Mounts

- Designed rectangular or round cup.
- Suitable for any installation where mounted horizontal thrust or wind pressure.
- Springs available in steel with different colours for different load capacity.



## Global Spring Hangers

- Suitable for suspended mechanical equipment, pipes and ducts.
- Prevents from vibration being transmitted to building structure.
- Springs available in steel with different colours for different load capacity.
- Load capacity : 50kg to 1000kg



## Global Combination Spring hangers

- Prevents from vibration being transmitted to the building structure.
- Combination gives enhanced protection against transmission of high frequencies
- Load capacity : 25 kg to 1400kg per hanger.



## Global Neoprene Hanger

- Powder coated incorporating neoprene-in-shear element.
- Suitable for noise and vibration control in non critical application.
- load Capacity : 12 to 900 kg per hanger.
- Deflection : 5 mm to 13 mm
- Neoprene Rubber, Hardness 70° to 80°



## Global Floor Mount - Type Neoprene

- Rubber bonded to mild steel base in one piece moulding.
- Suitable for noise and vibration control in non critical application.
- Load Capacity : 18kg to 1500kg per mount.
- Deflection : 8mm to 13mm
- Neoprene Rubber, Hardness 70° to 80°

### Notes : Spring

1. **Compliance** : Designed according to BS 1726(Part 1), **Recommendation** - SAE(US) and ASHRAE
2. **Features** : Horizontal stiffness of min. 100% of vertical stiffness,  
Spring diameter to operate height ratios range from 0.85 to 1.0,  
Capacity - 50% beyond their rated loads.
3. **Standard deflection** : Isolators with spring deflection of 25mm and 50mm at rates load.  
Higher deflections available on application.
4. **Testing** : Before dispatching each spring is individually tested. Fits over any insulated pipe OD.
5. **Finish** : Epoxy powder coated, 1000 hours salt spray testing as per ASTM B117
6. **Colour coded**



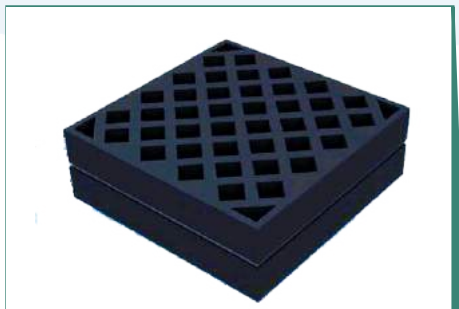
## Global Multi layer Pads

- Pad permits higher deflection under load than feasible with a single layer. this comprises of multiple layers of resilient rubber in series.
- Load distribution plates ensure full pad area is used and give more linear load deflection characteristics.
- Thickness : 35mm
- Available sizes ; 100x100mm, 150x150mm.
- Deflection : up to 4mm.



### Global Ribbed Multi-Layer Pad

- Unique diagonal ribs help to distribute applied load evenly over larger area of pad surface.
- Alternating raised ribs extend pad load range.
- Ribs above and below the pad are at right angles to each other, thereby forming non skid surfaces which resist creeping of the equipment.



### Global Square Cell Multi-Layer Pad

- Square cell pattern has a higher load bearing capacity than ribber.
- The grid design creates "Suction Pockets" for better grip on equipment / floor surface.
- The suction pockets make the pad more effective for noise attenuation than ribber pads.
- Solid cell periphery extends pad life by preventing ingress of external contaminants



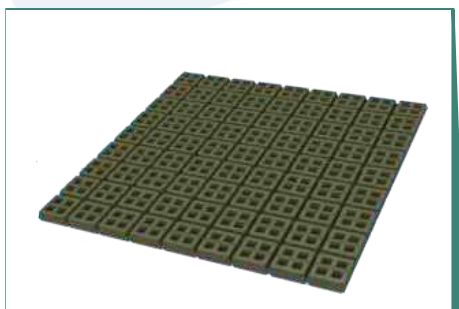
### Global Multi-Layer Pad with Grommet

- Designed for isolating foundation and mounting bolt from equipment base.
- Available in Square cell and ribber Multi-Layer pad in this configuration.



### Global Duct Mount

- Resilient rubber grommet with mild steel load distribution cups.
- Suspension bracket of light equipment.
- Load capacity : 1000kg per Mount.



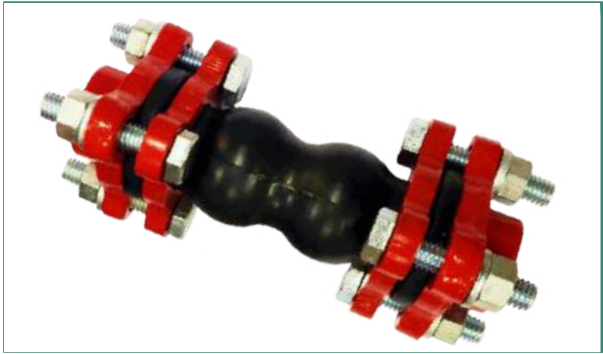
### Global Modular Pad

- Square cell Designed Modular Pads are flexible and convenient in application.
- Extra thick and High performance.
- Size : 450x450x20mm
- Deflection : 3mm
- Load Capacity : 75kg per modulae



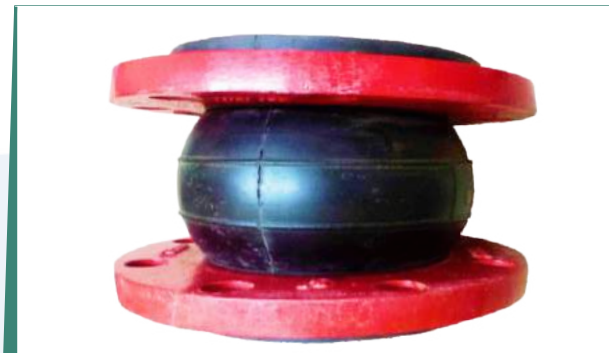
### Global Grommets / Knockouts

- Used as acoustic separators between suspension rods and light equipments.
- Circular rubber knockouts can be fitted on body of equipment or electrical panels to facilitate passage of cables or pipes.



## Globalflex Flexible Connectors

- Design for superior performance, safety, convenience and versatility.
- Forged from high quality forging steel.
- Rubber re-enforced with canvas cloth.
- Grade : Neoprene rubber.
- Size : 15mm to 50mm nominal.
- Pressure : 16kg/cm{std), 20kg/cm,<sup>2</sup>25kg/cm <sup>2</sup>
- Temp. : -20°C to 105°C
- Vacuum : 650mmHg

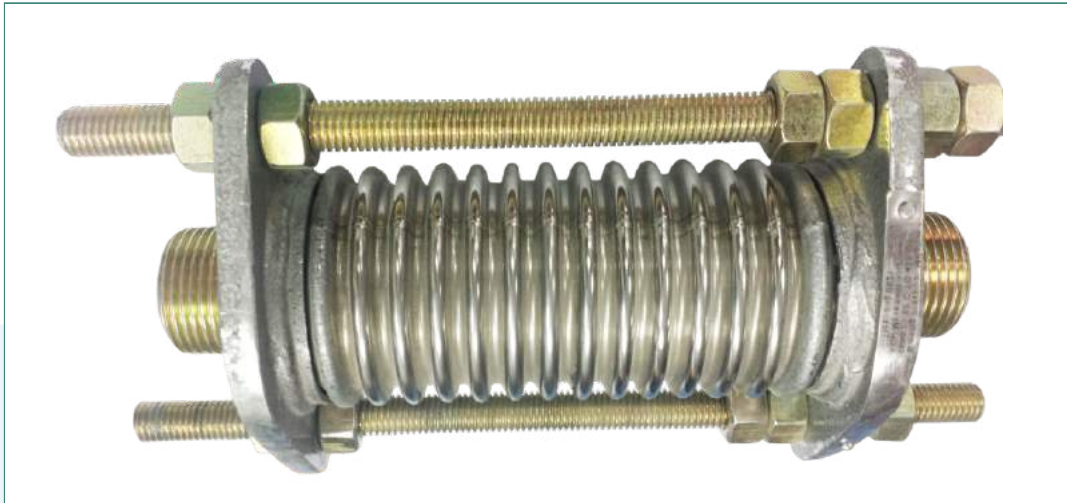


## Globalflex Flanged Spherical Pipe Joints

- Long radius arch design that permits substantial movement in all planes.
- Compensate for axial, transverse and angular pipe movements.
- Isolate noise and vibration in pipelines and cushion water hammer.
- Bellows are reinforced with nylon fabric and spring steel wire.
- Size : 15mm to 50mm nominal.
- Pressure : 16kg/cm{std), 20kg/cm,<sup>2</sup>25kg/cm <sup>2</sup>
- Temp. : -20°C to 105°C
- Vacuum : 650mmHg

## Notes: Connectors

1. **Product Compliance** : ASTM F1123
2. **Testing** : Before dispatching each element is tested at 150%. As per FSA-PSJ-701.
3. **Finish** : Epoxy powder coated, 1000 hours salt spray testing as per ASTM B117.
4. **Drilling**: Flanges drilled as per BS4504 PN16.
5. **Threading** : As per BS21 NPT.
6. **Bellow Material** : Neoprene supplied as standard. EPDM, NR, SBR, CBR etc. available on application.



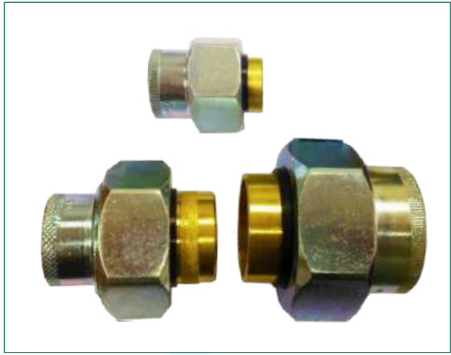
## Global Stainless Steel Axial Expansion Joints (EJA Series)

- Joints featuring multi-ply convoluted SS bellows.
- Designed to absorb thermal expansion/contraction in piping systems and pipeline movement at building expansion joint locations.
- Joints used to connect piping to rotating equipment, it contribute towards vibration isolation and reduction of nozzle loads
- Supplied with control rods.
- Size: 20mm to 2000mm nominal.
- Pressure: 16kg/cm<sup>2</sup>.
- Working pressure ratings from 1kg/cm<sup>2</sup> (typically used for DG exhaust piping) to 40 kg/cm<sup>2</sup> on application.
- Temp: -50°C to 450°C.
- Standard axial movement up to 50mm supplied.
- Higher temperature and axial movements on application.

## Notes: Stainless Steel Joints/ Connectors

Joints are manufactured in stainless steel expansion with CNC machines. We provide custom made joints as per the project specific performance. We have the capability in terms of joint type, configuration and materials used to serve practically any commercial or industrial application of this product.

- 1. Product compliance:** ASTM F1120, EJMA 9
- 2. Testing:** Before dispatch all units go through Dye Penetrate Test and Submerged Pneumatic Leak Tightness Test, and are suitable for hydrostatic pressure testing at 150% of rated maximum working pressure.
- 3. Drilling/Threading:** Flanges drilled to BS4504 PN16. Drilling application to any standard available on Threaded as per BS21. NPT.
- 4. Materials:** With SS304 bellows and steel end fittings as standard supplied. Other materials such as SS316, SS321, Inconel etc. are available on application
- 5. Types, End Connections, optional Features:** Axial, Lateral, Universal, Hinged and Pressure Balanced Expansion joints are available. End connection types include Flanged, Threaded, Welded and Grooved. Optional extras include flow liner and external shroud.
- 6. Size Range:** Global SS joints are available for pipe nominal size up to 2000mm.



## Global Dielectric Unions

- Designed to protect piping system from deterioration due to galvanic corrosion at joints of dissimilar metals.
- Size : 15mm to 200mm nominal pipe size.
- Threading : BS21 NPT available on application.
- Pressure : 25kg/cm<sup>2</sup>
- Temperature : -30°C to 120°C

## Global Dielectric Flanges

- Also available in Flanges.
- Size : 15mm to 200mm nominal pipe size.
- Pressure : 20kg/cm<sup>2</sup>
- Temperature : -30°C to 120°C



## Global Automatic Air Vent- Brass

- Used on high point of piping system and top of cooling coils etc.
- Built-in check valve.
- Leak proof polypropylene float.
- Reduced corrosion.
- Sizes : 1/2", 3/4"
- Pressure : 16kg/cm<sup>2</sup>
- Maximum working temperature 120° C

## Global Heavy Duty Air Vent

- Automatic air vent.
- Full brass body construction.
- Leak proof stainless steel float.
- Designed for high air discharged and high rated working capacity pressure.
- It can be used for filling the system water with the help of manual air release the valve.
- For construction Non-corroding material used.
- If system with large pipes, it recommended for installation at high points top of air vessels/ air separators etc.
- Connection sizes: 1/2", 3/4", 1".
- Pressure: 25kg/cm<sup>2</sup>
- Max. Temp: 120° C.



## Global Bimetallic Flange

- Suitable for connecting copper/brass pipes.
- Flange ring - Epoxy powder coated.
- Ring and coupler - Brass
- Rating : BS4504 PN16
- Sizes : 1" to 8"



## Global TDS Corner

- Material : Mild Steel.
- Sizes : 25 mm, 35 mm
- Thickness : 1.2 mm to 3 mm
- Utility : Easy slide in profiles for ducts.

## Global G Clamp

- Material : Mild Steel.
- Thickness : 2.5 mm to 2.8 mm
- Available with M8 X 25 Bolt
- Utility : Holding sheet metal Cleat with ducting wall.



## Global Damper Quadrant Sets

- Zinc plated mild steel sheet.
- Suitable for square or rounds ducts.
- Spindle sizes : 6mm, 10mm, 13mm
- Zinc plated mild steel sheet Handle.
- Zinc casting Wing Nut.
- G.I. Bolt for locking.

## Global Blade Kits

- Comprehensive range for all types of Damper drives.
- Size : 10mm & 13mm



## Global Splitter Damper Kit

- Mild steel zinc plated with Brass/Aluminum Pivot.
- Used for Volume Control Dampers.
- Bracket available with or without Rod.
- Size : 6mm & 10mm



## Global Blade Strap

- Connection of single skin blades to spindles.



## Global Bushes

- Material : Nylon/Brass
- Sizes : Square : 6mm, 10mm, 13mm  
Round : 1/4", 3/8", 1/2"  
Locking Round : 1/4", 3/8", 1/2"  
Brass : 1/4", 3/8", 1/2"



## Global Spindles

- Material : GI
- Sizes : Square - 10mm, 13mm  
Round-Square - 3/8", 1/2"  
Spring - 1/4"



**Manufactured & Marketed by:**

**Factory Add.:** Sathepada, P.O.- Abitghar, Tal. - Wda, Dist.- Palghar

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