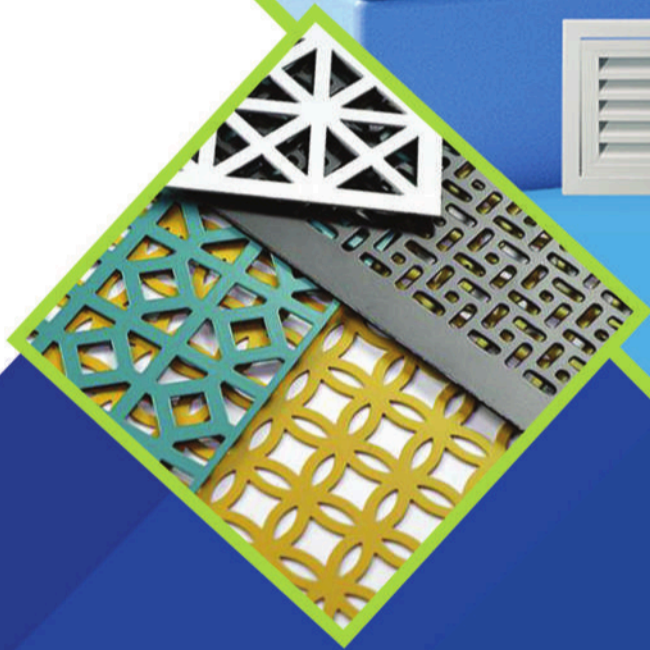
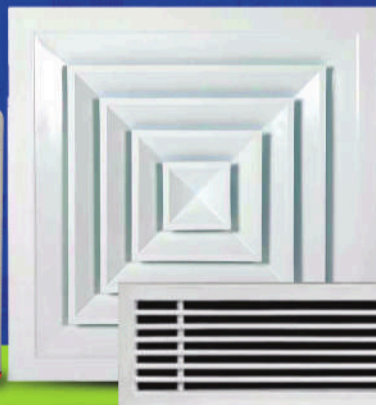




PRODUCT CATALOGUE

Operating
Globally



COMPANY

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GCS Protech Engineering Pvt. Ltd. is a dynamic engineering solutions company based in New Delhi, India, specialising in the manufacture and supply of galvanised steel, mild steel, stainless steel and aluminium products. We bring strong expertise in our product range and an unwavering dedication to quality.

Over the past few years we have strengthened our foundation and expanded our presence to customers across all GCC countries, including the UAE, Saudi Arabia, Qatar, Oman, Bahrain and Kuwait.



“

We specialise in both one-off and batch/mass production, equipped with advanced machinery and expertise to provide comprehensive fabrication and supply services. This enables us to consistently deliver high-quality products tailored to customer specifications.

Through continuous research and development led by our engineering staff, we continually enhance our processes and maintain a cutting-edge position in our field. With the capability, skill and determination to serve industries such as construction, HVAC, plumbing and civil engineering, we are committed to delivering excellence in manufacturing and supply.

2005

FOUNDED

20+

ENGINEERS

500+

PROJECTS

100+

CLIENTS

ISO

9001:2015



MANUFACTURING CAPABILITIES

- **Automatic duct lines**
High-speed HVAC duct production
- **CNC laser cutting**
Precision profiles in sheet metal
- **Roll forming**
Continuous, consistent profiled sections
- **Press-brake bending**
Accurate forming to client drawings
- **Shearing**
Clean, straight-line sheet cutting

ENGINEERING & TECHNICAL SUPPORT

GCS provides expert material selection guidance, compliance advisory and application-specific engineering consultation, ensuring optimal performance, reliability and technical suitability throughout the entire project lifecycle.

- Material selection guidance
- Compliance advisory
- Application-specific engineering consultation

INDUSTRIES WE SERVE

Construction HVAC Plumbing
Civil Engineering MEP

MARKETS

India UAE Saudi Arabia Qatar
Oman Bahrain Kuwait

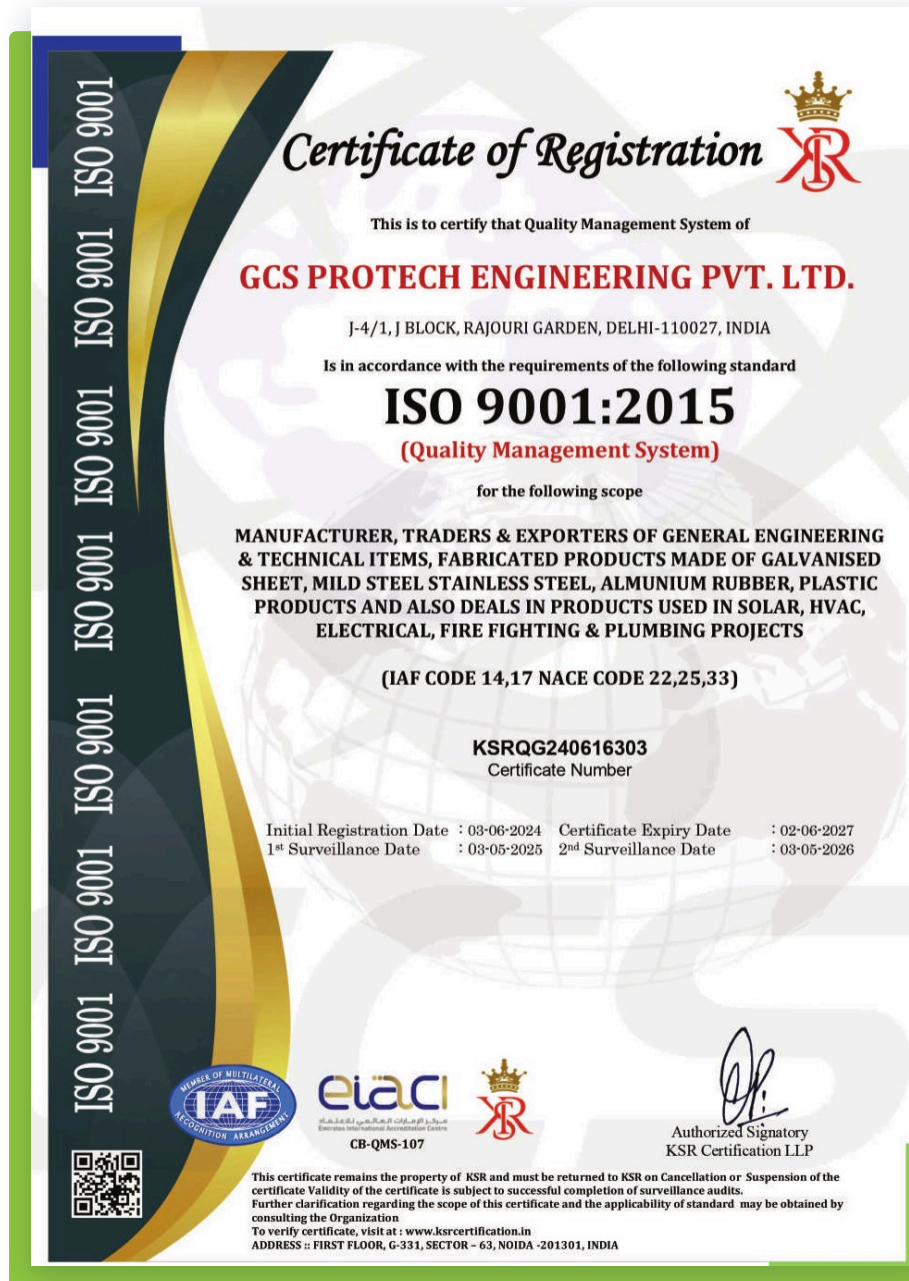
ISO 9001:2015 CERTIFIED

Quality Management System certified by KSR Certification LLP. Certificate No. KSRQG240616303, valid until 02-06-2027.

AUTHORISED HONEYWELL PARTNER

Authorised channel partner for Honeywell damper actuators, including UL and non-UL actuators for fire and smoke dampers.

At GCS Protech Engineering Pvt. Ltd., our primary goal is to uphold the highest standards of quality across all our business practices and operations without compromise. We are dedicated to continually enhancing our company's performance, ensuring we deliver superior, cost-effective products to our customers along with professional services.



CERTIFICATE DETAILS

STANDARD	ISO 9001:2015 (Quality Management System)
CERTIFICATION BODY	KSR Certification LLP
CERTIFICATE NO.	KSRQG240616303
INITIAL REGISTRATION	03-06-2024
VALID UNTIL	02-06-2027
ACCREDITATION	IAF member; EIAC (CB-QMS-107)

To verify this certificate, visit www.ksrcertification.in

SCOPE OF CERTIFICATION

Manufacturers, traders and exporters of general engineering and technical items; fabricated products made of galvanised sheet, mild steel, stainless steel, aluminium, rubber and plastic; and dealers in products used in solar, HVAC, electrical, fire-fighting and plumbing projects.



Honeywell is a global leader in building technologies. GCS is an authorised channel partner for the supply of Honeywell damper actuators.

We deal in all models of HVAC damper actuators, including UL and non-UL fire and smoke damper actuators.

HONEYWELL ACTUATOR MODELS

MS4604F1210
MS4609F1210
MS4620F1005
MS4620F1203

MS8109F1010
MS8109F1210
MS8104F1210
MS8120F1002

MS8120F1200
MS8109F1210NM/U 9NM
MS4604F1210NM/U
MS4609F1210NM/U



Non-Spring-Return Actuators



Fire and Smoke Damper Actuators



Spring Return Actuators



Honeywell Damper Actuator MS8120



Honeywell MS4609F1210/B Damper Actuator



MS4604F1010/B Honeywell Damper Actuator

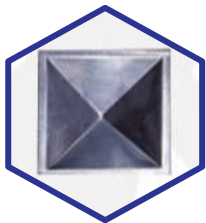
SQUARE DIFFUSER

SIZE	150 – 600 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements

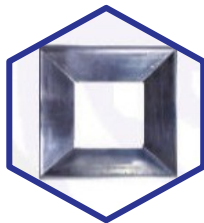


DIFFUSER OUTER RING

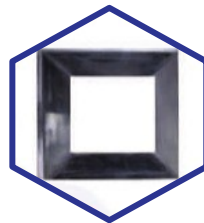
FINISH	Mill finish or powder coated
CUSTOMISATION	Made to client requirements



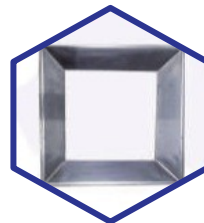
Centre core



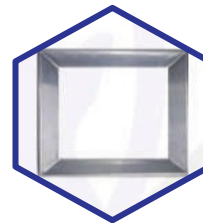
150 x 150 mm



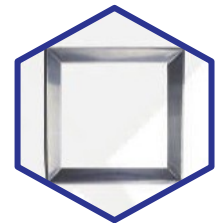
225 x 225 mm



300 x 300 mm



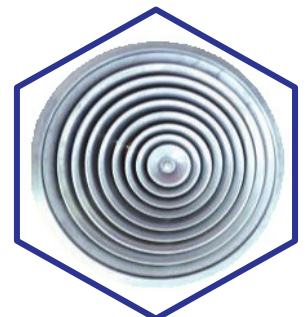
375 x 375 mm



450 x 450 mm

CIRCULAR DIFFUSER

SIZE	150 – 600 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



SWIRL DIFFUSER

SIZE	150 – 600 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



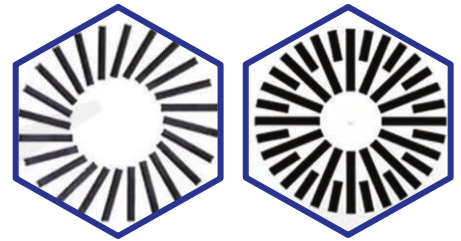
SWIRL DIFFUSER WITH FIXED CURVED BLADES

SIZE	250 – 650 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



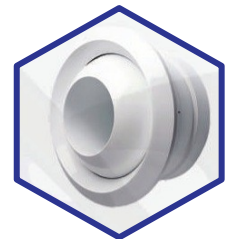
HELICAL SWIRL DIFFUSER

SLOTS	12, 16, 20, 24, 32, 36, 48
SIZE	395 – 595 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



EYEBALL / JET NOZZLE DIFFUSER

SIZE	150 – 400 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



JET DIFFUSER / MULTICONE JET DIFFUSER

DIAMETER	250, 315, 380 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



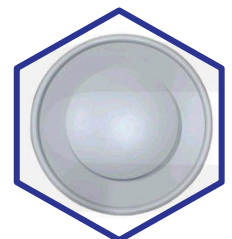
SPOT DIFFUSER

SIZE	100 – 450 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



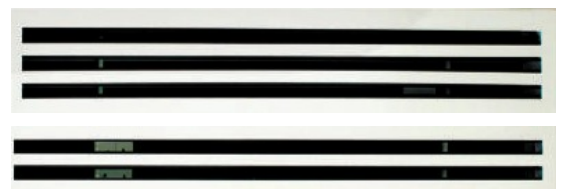
PAN DIFFUSER

SIZE	150 – 250 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements



SLOT DIFFUSER

SLOTS	1, 2, 3, 4, 5, 6, 7, 8
SLOT WIDTH	16, 20 and 25 mm
FINISH	Mill finish or powder coated
MATERIAL	Aluminium
CUSTOMISATION	Made to client requirements

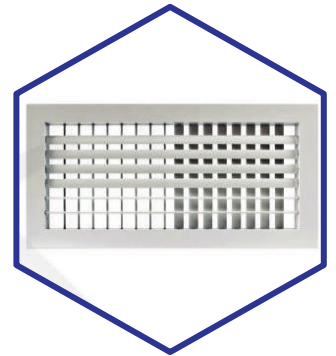


ADJUSTABLE GRILLE

CONSTRUCTION Extruded aluminium section

FINISH Powder coated or anodised

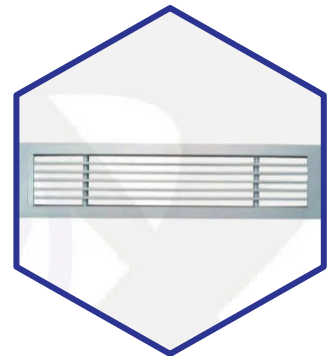
CUSTOMISATION Made to client requirements

**SINGLE DEFLECTION GRILLE**

CONSTRUCTION Extruded aluminium section

FINISH Powder coated or anodised

CUSTOMISATION Made to client requirements

**DOUBLE DEFLECTION GRILLE**

CONSTRUCTION Extruded aluminium section

FINISH Powder coated or anodised

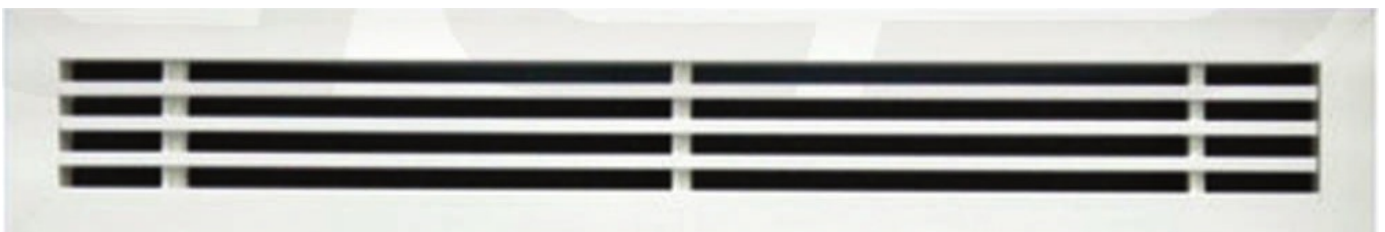
CUSTOMISATION Made to client requirements

**FIXED BAR GRILLE**

CONSTRUCTION Extruded aluminium section

FINISH Powder coated or anodised

CUSTOMISATION Made to client requirements

**LINEAR FIXED BAR GRILLE**

We provide quadrant handles that are highly durable and made from good-quality materials for use in fire dampers.

High strength

Very easy to install

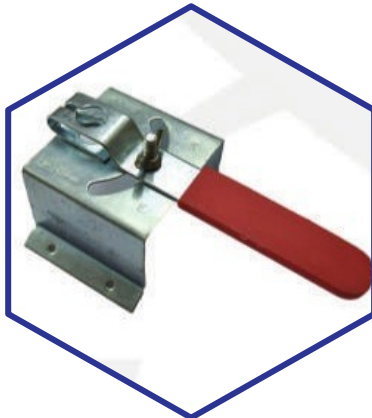
Economical

Maximum durability

VCD QUADRANT HANDLE



VCD QUADRANT HANDLE (BOX TYPE)



VCD QUADRANT HANDLE HEAVY DUTY

ALUMINIUM LOCKING PLATE (L+R)

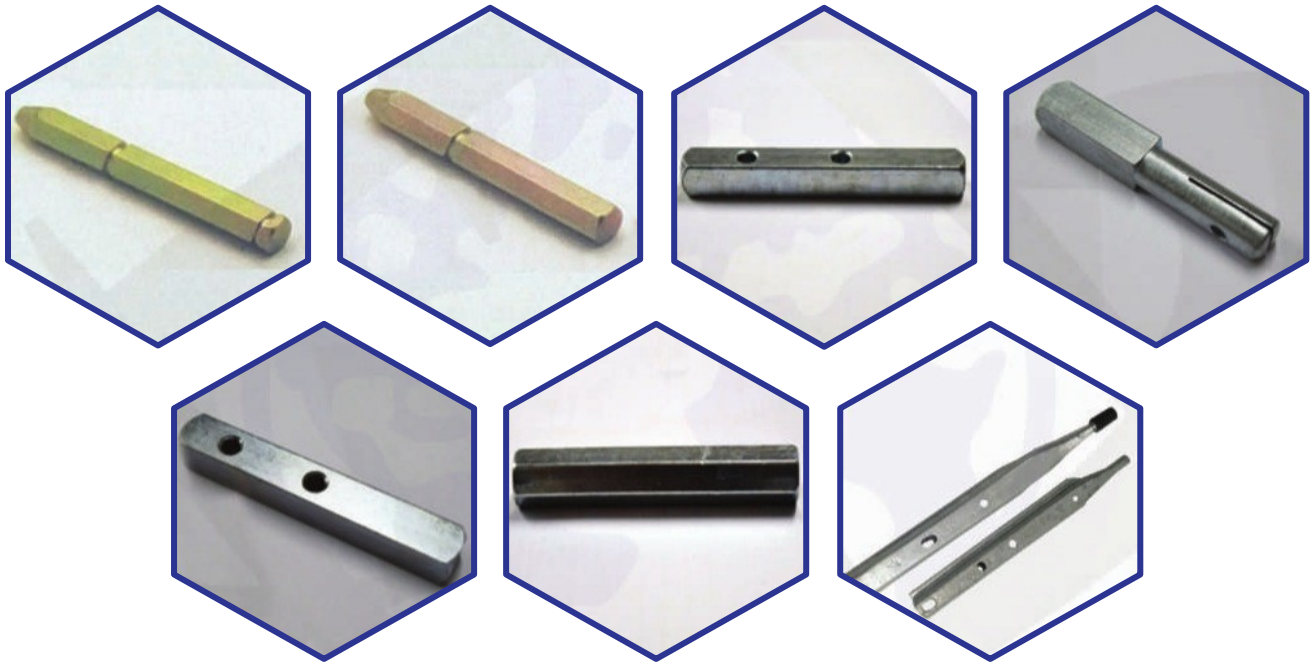


VCD QUADRANT HANDLE (CASTING)



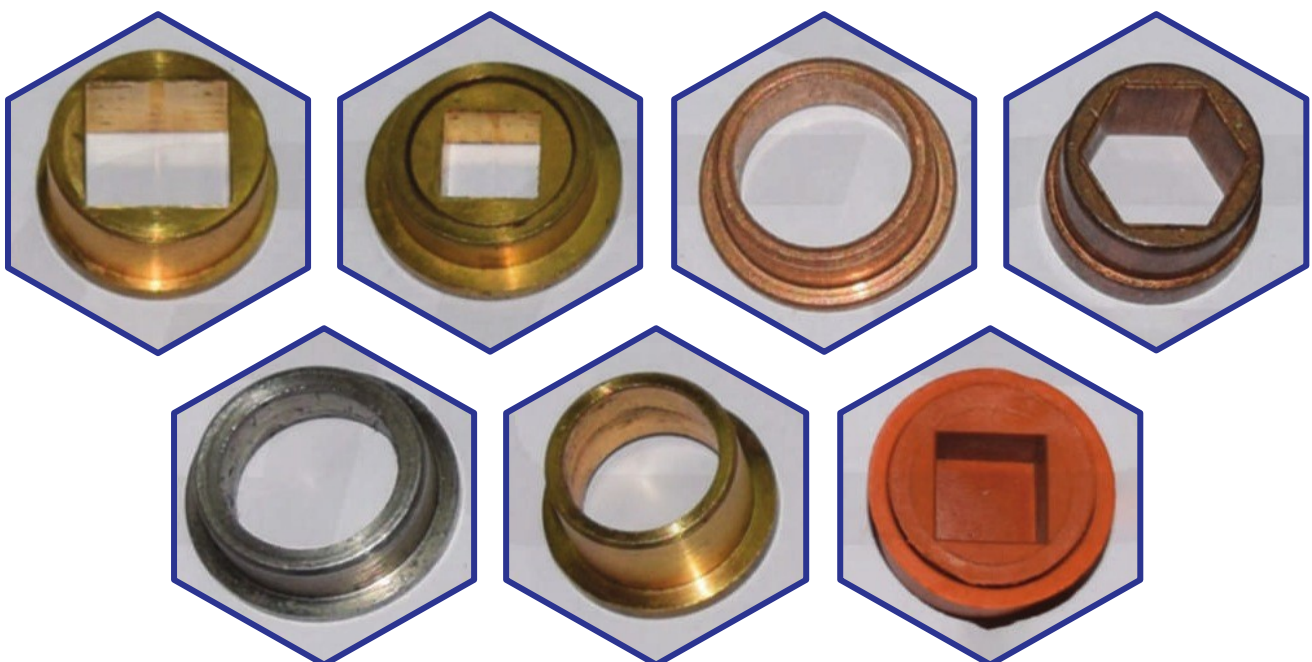
SPINDLES

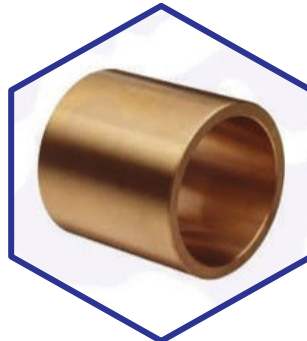
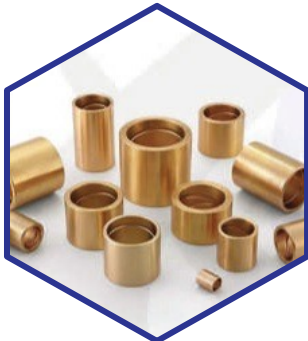
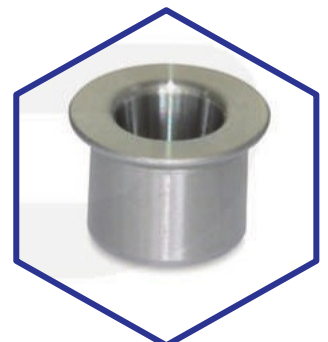
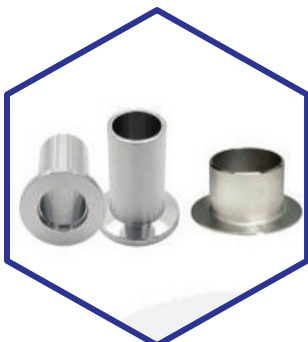
We offer a comprehensive range of spindles customised to any size and thickness as per customer requirements.

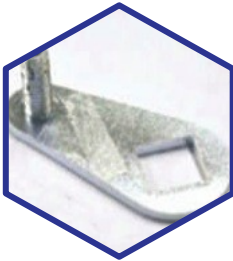


BUSHES

We provide a variety of bushes in standard sizes as well as customised to meet customer requirements, including SS bushes, plastic bushes, bronze bushes and brass bushes.



BRONZE SINTERED BUSH**SS SINTERED BUSH**



MS Cam – Square Hole



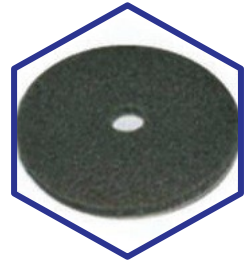
MS Cam – Star Hole



MS Square Forging Pin



MS Round Forging Pin



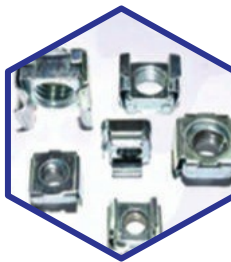
Gasket – Black



Gasket – White



Nuts and Screws



Cage Nuts



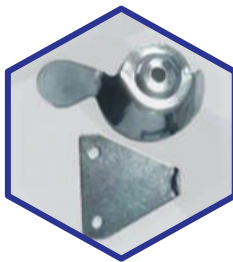
MSFD Blade Bracket



Spring Holder (L+R)



Short Bracket (L+R)



Access Door Lock



SS Spring



T-Clip



Spring



Aluminium Long Pin



Aluminium Short Pin



Aluminium Cam



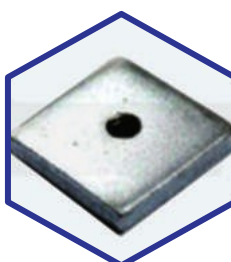
Damper Screw



Damper Drive Set



Door Handle (4", 5", 6")



MS Cleat



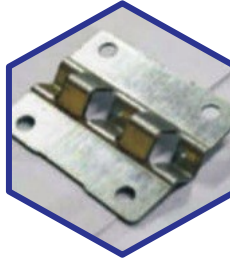
Lock



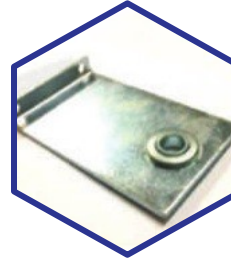
Zinc Lever



'C'-Type Lock



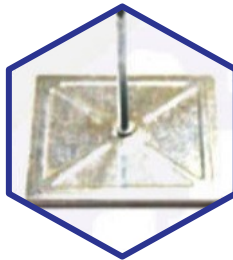
GI Fixing Strap

Jack Shaft Gear
Support - Big

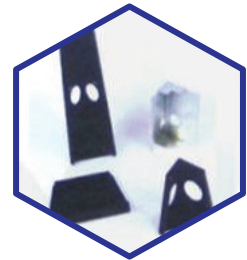
MS Bracket



SS Sheet Spring

Insulation Pin / Nail
PostJack Shaft Gear
Support - Small

Damper Drive Set



Base Corner and Legs



End Bearing



Butterfly Gear Set



Knee Lock Assembly

End Clip for 1/2" Round
Bar

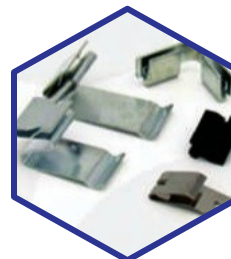
MS Cam - Round Hole

Nylon DIP Cross
Connecting 4-Way

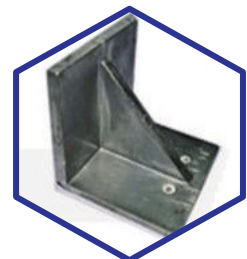
GI Single-Skin Bracket



Short Bracket (L+R)



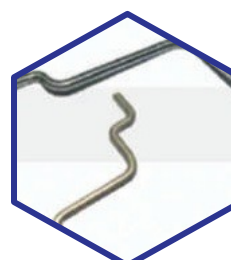
Damper Clip

Aluminium Base
Joiner

Aluminium Cam



SS Rivet



MS Wire



Pipe Clamp



Rubber-Lined Pipe Clamp



Beam Clamp



Clevis Hanger



Saddle Clamp



Sprinkler Pipe Clamp



U-Bolt Clamp



Clamp Corner



J-Clamp



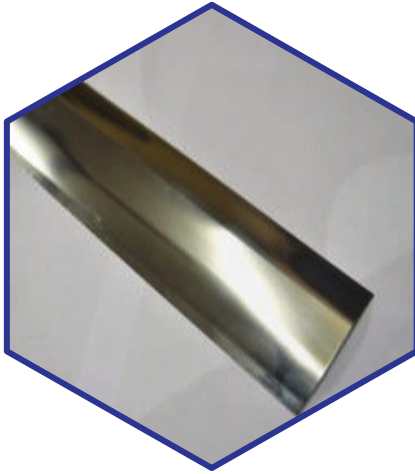
G-Clamp



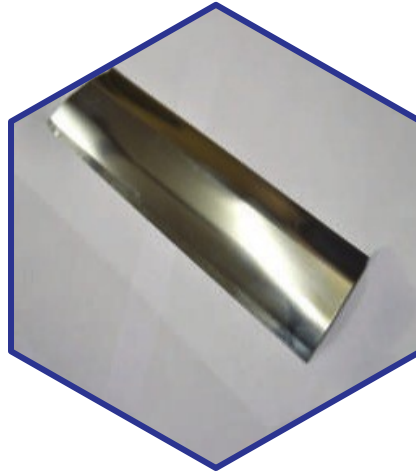
Nail Clamp



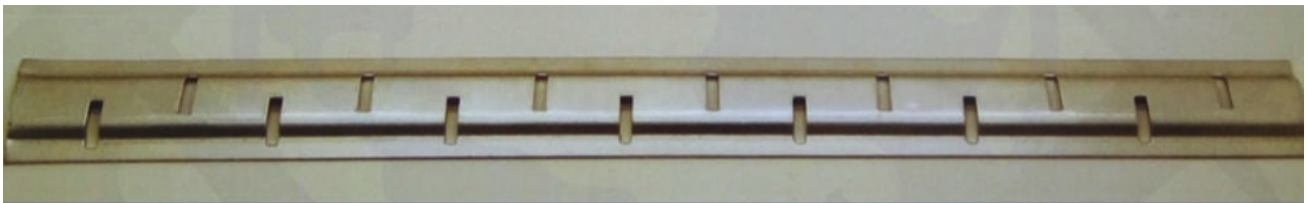
Riser Clamp



SS Jamb Seal



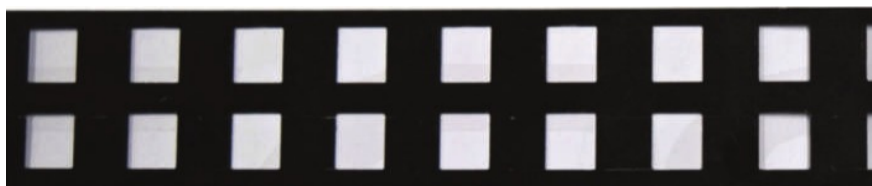
SS Side Seal



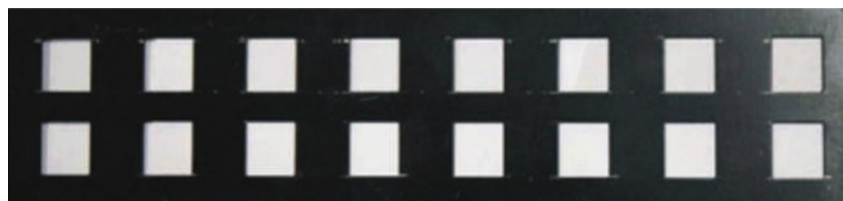
Aluminium Drive Plate



H-Damper - 32 mm



H-Damper - 36 mm



H-Damper - 42 mm

NYLON AND RUBBER ITEMS



Nylon Threaded Cap



Nylon Gear



Nylon Hub Plate



Rubber Seal Ring



Nylon Hinge



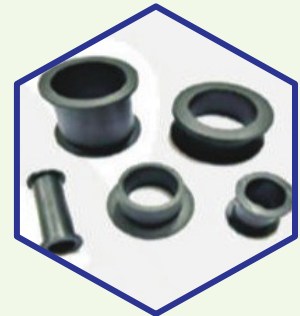
Nylon Round Gear



Rubber Grommet



Nylon Tee



Rubber Panel Pipe Sleeves



Drain Pipe End Cap



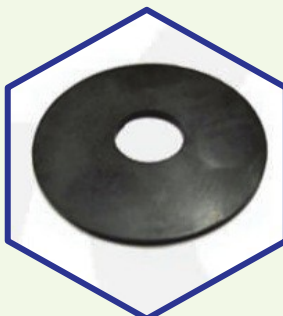
Nylon Door Hinge

Nylon Pressure Testing
Nozzle with Cap

PVC Knob



Plastic Shaft Bearing

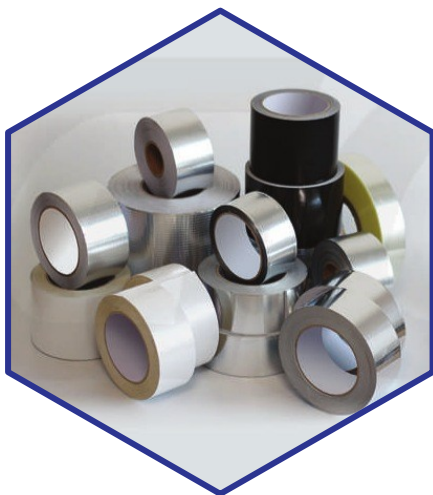
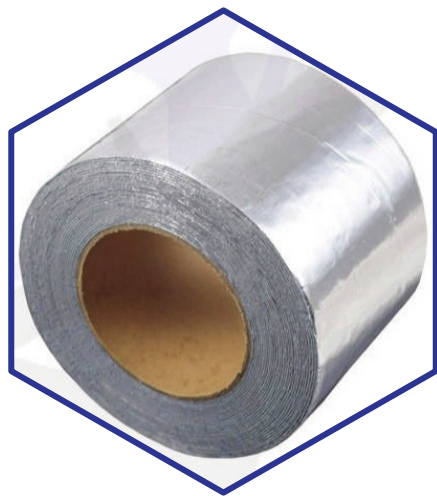
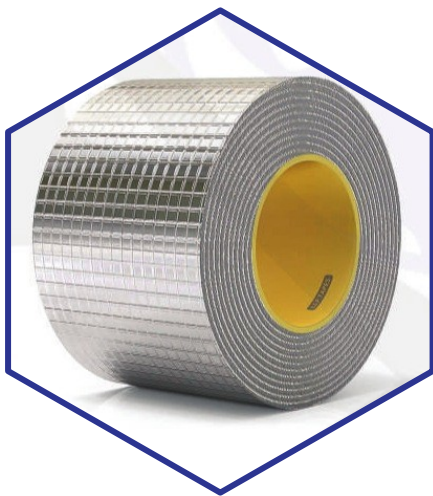
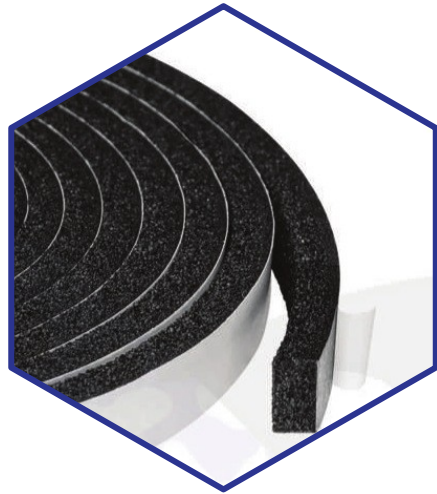
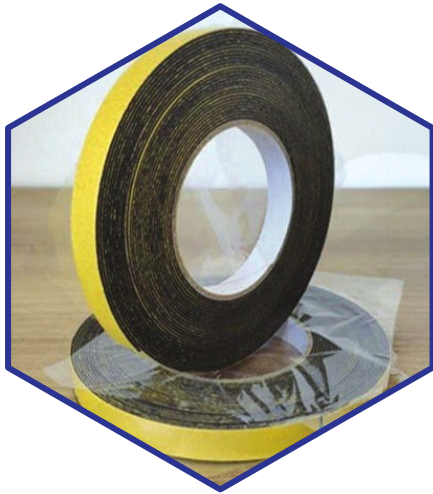


Rubber Coil Flapper

Plastic Window Viewing
Glass and Bobbin

Nylon Bridge Handle

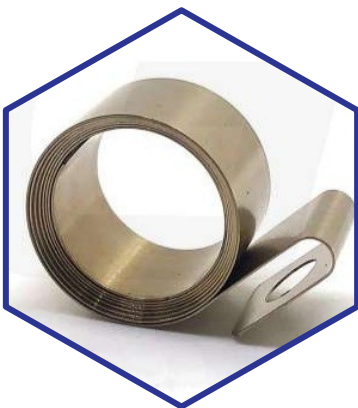
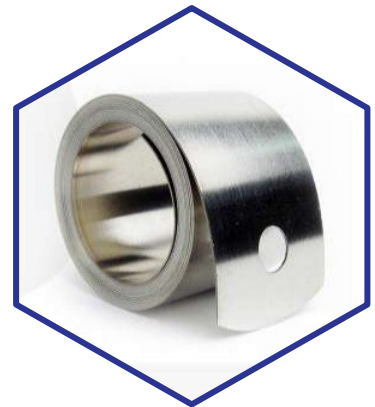
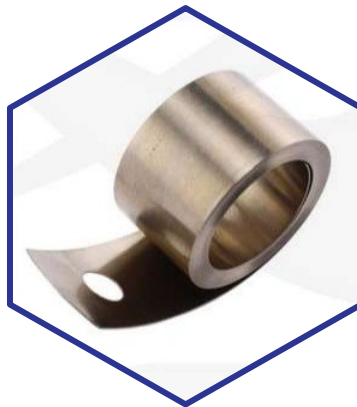
Foam gasket tapes and aluminium foil tapes for sealing and insulation applications.



A constant force spring (also known as a power spring or constant-torque spring) is a roll of pre-stressed strip that exerts a nearly constant restraining force to resist uncoiling.

Most constant force springs are made from stainless steel. If your application requires a specialty metal or finish, we are happy to work with you to customise any of the following specifications to meet your requirement:

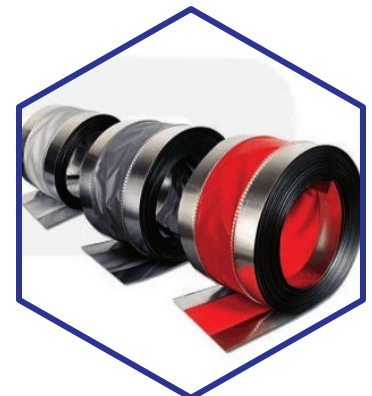
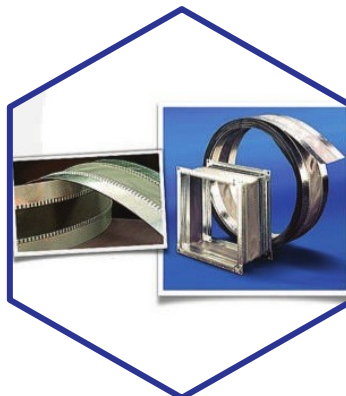
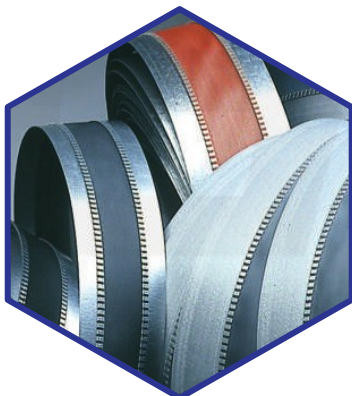
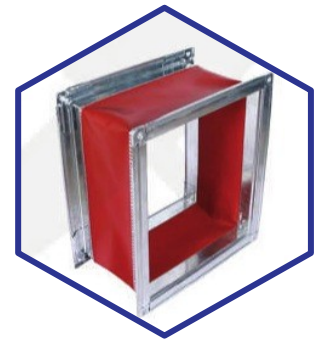
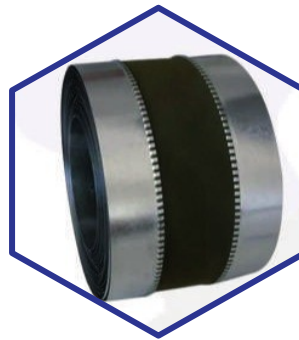
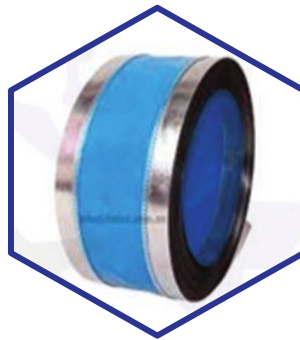
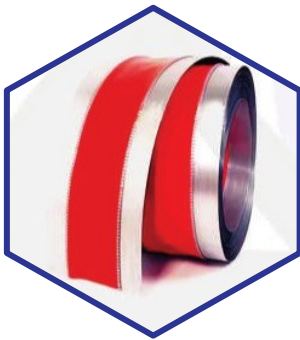
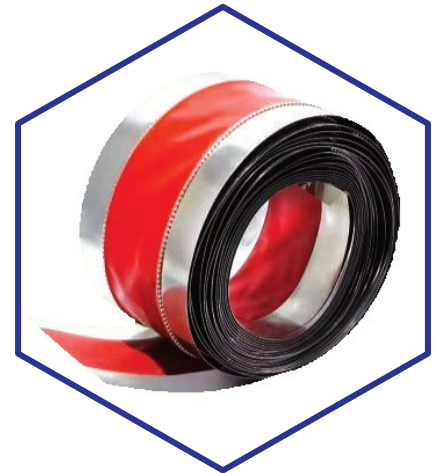
- Materials
- Strip / wire types, specifications and sizes for coiling
- Ends
- Manufacturing services



FLEXIBLE DUCT CONNECTORS

We provide flexible duct connectors in a broad range of sizes, which can be customised to client requirements.

- Fabric duct connector
- TDF duct connector
- Flexible PVC duct connector
- Flexible neoprene duct connector
- Flexible silicone duct connector



FOR BUILDING INSULATION SYSTEMS

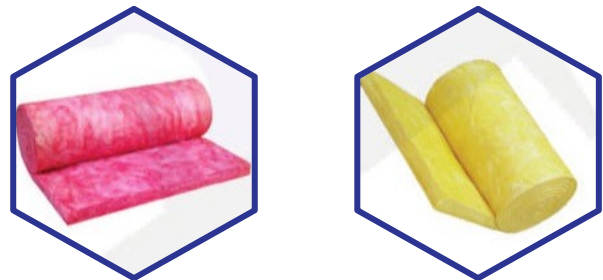
Ideal for a broad range of applications including HVAC duct insulation, commercial insulation and industrial insulation, it ensures optimal thermal and acoustic performance in a variety of settings.

GLASS WOOL ROLL / BLANKETS (UNFACED)

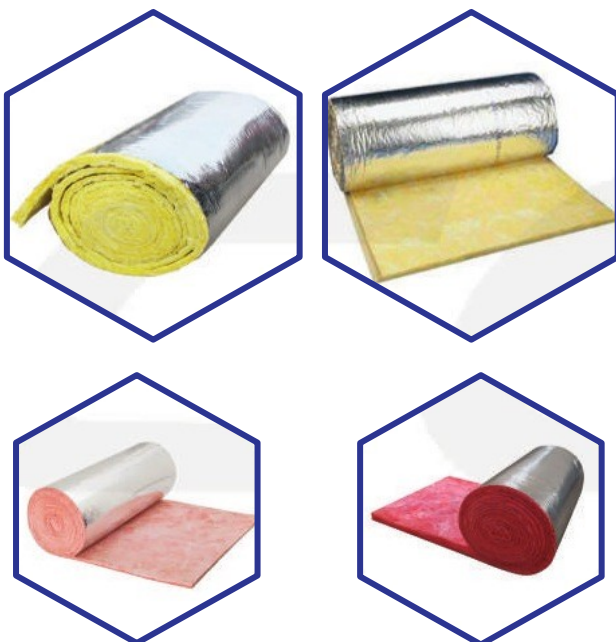


SPECIFICATION		
Item	Unit	Range
Density	kg/m ³	10 – 48
Thickness	mm	25 – 200
Length	m	5 – 30
Width	mm	600 – 1250

**Items can be customised to client specifications.*

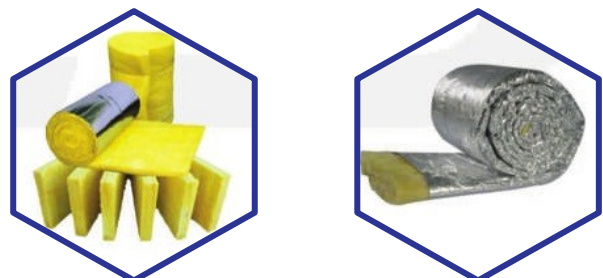


GLASS WOOL ROLL / BLANKETS (FACED / FOILED)

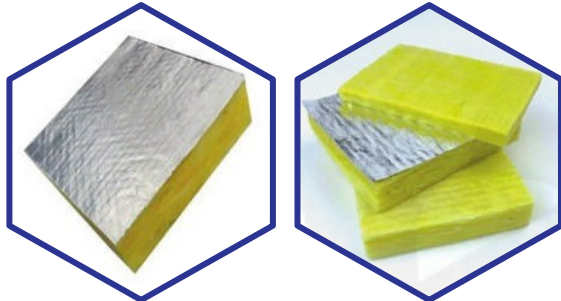


SPECIFICATION		
Item	Unit	Range
Density	kg/m ³	10 – 48
Thickness	mm	25 – 200
Length	m	5 – 30
Width	mm	400 – 1300

**Items can be customised to client specifications.*

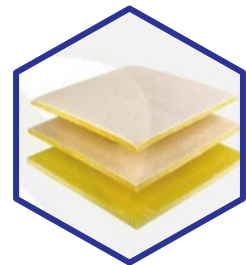
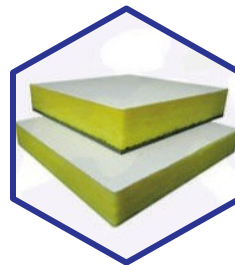
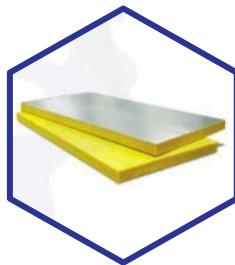
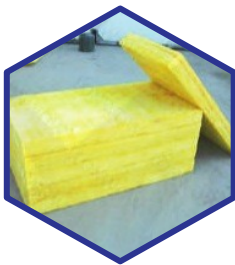


GLASS WOOL BOARDS AND SHEETS (FACED AND UNFACED)



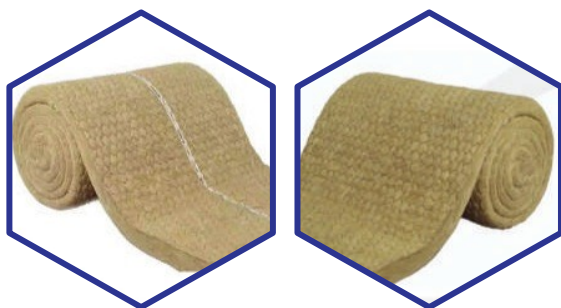
SPECIFICATION		
Item	Unit	Range
Density	kg/m ³	24 – 64
Thickness	mm	20 – 150
Length	mm	600 – 2400
Width	mm	600 – 1200

**Items can be customised to client specifications.*



ROCKWOOL FEATURES

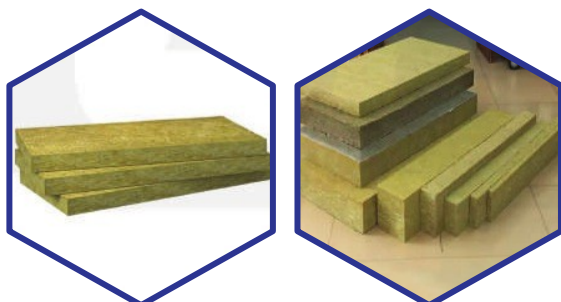
- Excellent thermal and acoustic insulation
- Euroclass A1 fire classification
- Energy saving and water repellent
- Environmentally friendly: no health hazard, asbestos free



ROCKWOOL ROLL

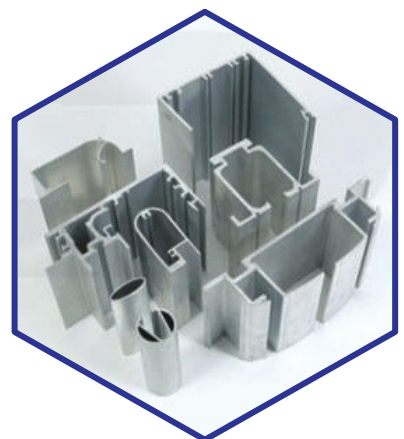
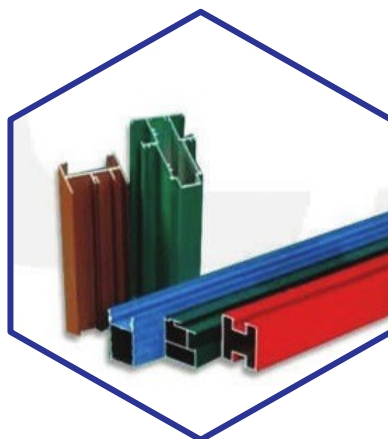
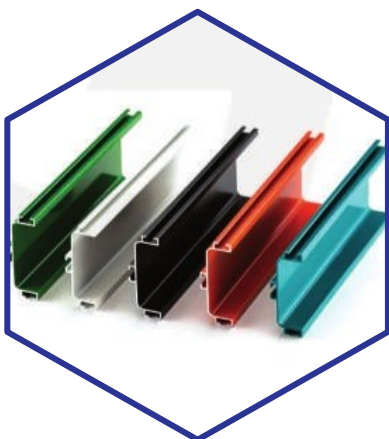
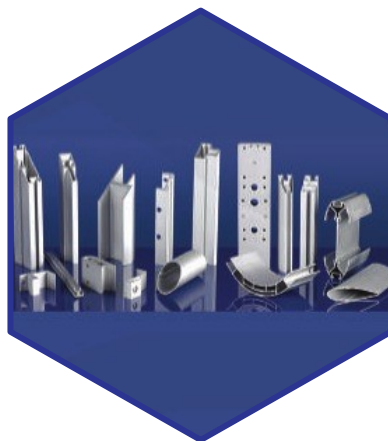
SPECIFICATION		
Item	Unit	Range
Density	kg/m ³	40 – 140
Thickness	mm	25 – 150
Length	m	2.5 – 5
Width	mm	600 – 1200

**Items can be customised to client specifications.*

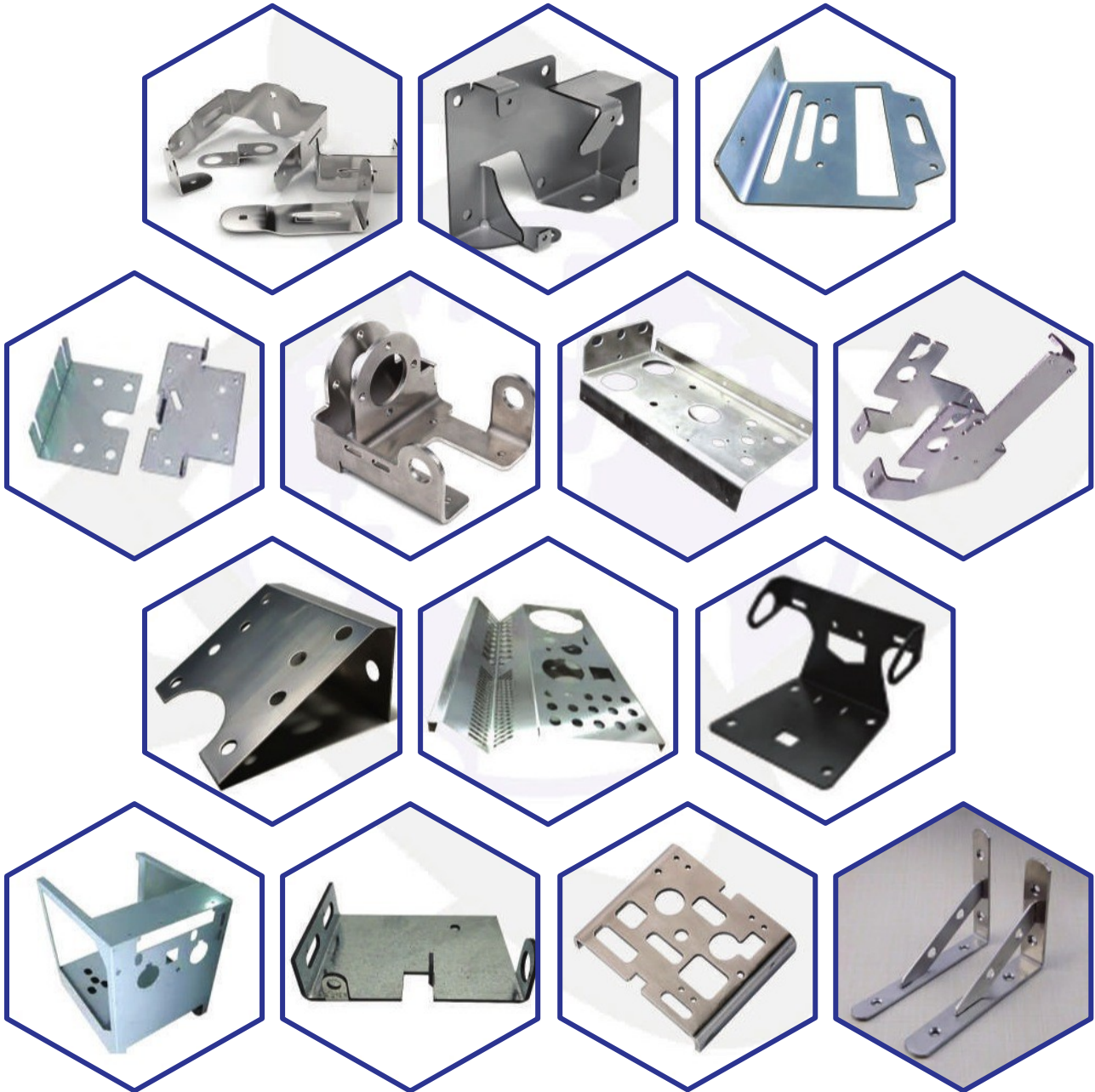


ROCKWOOL BOARD

SPECIFICATION		
Available on request – please contact our sales team for density, thickness and size options.		

ALUMINIUM CASTING**ALUMINIUM EXTRUSIONS**

CNC laser-cut and press-brake-formed components, made to client drawings.



SHEET METAL COMPONENTS & HVAC ACCESSORIES

The sheet metal parts we provide are designed to resist rust and maintain their quality over an extended period. These products can also be customised in various sizes and with diverse technical specifications to meet the specific needs of our buyers.

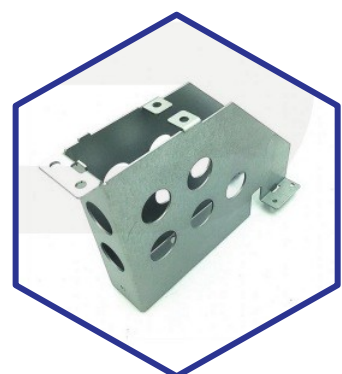
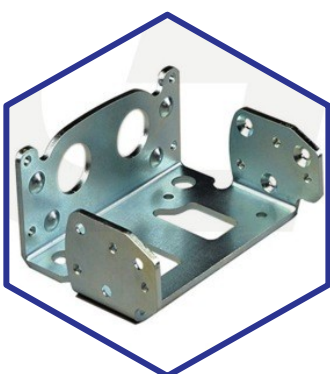
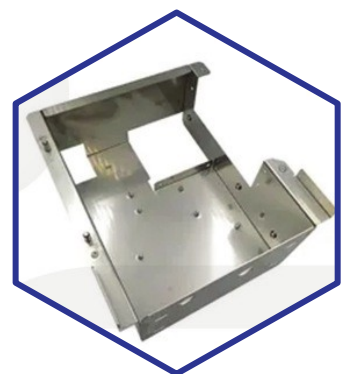


Note: Any size and thickness can be customised to the client's requirements. Available in GI, SS and aluminium.



SHEET METAL PRESSED & FORMED COMPONENTS

Our core strength lies in engineering, which is the foundation of every project we undertake. These sheet metal components are customised and engineered according to the client's drawings and technical specifications.



CONDUITS, CONNECTORS & JUNCTION BOXES

FLEXIBLE CONDUITS

SIZES	¼", ⅜", ½", 1", 1¼", 1½" and other sizes
MATERIALS	GI, SS, aluminium – with or without PVC jacketing
CERTIFICATION	UL and cUL listed



CONNECTORS

THREAD	NPT, PG, PF and metric
SIZES	¼", ⅜", ½", 1", 1¼", 1½" and other sizes
MATERIALS	GI, SS, aluminium and PVC



JUNCTION BOXES

RANGE	All sizes, thicknesses, depths and knockouts
CERTIFICATION	UL listed



We supply and trade a full range of UL, cUL, CSA, VDE, CCC, RoHS and REACH certified high-temperature wires and cables for home appliances, lighting, medical equipment, office facilities, industrial machines, motors and generators, in accordance with ISO 9001, ISO 14001 and IATF 16949 standards.



Fibreglass Braided Silicone Wire



Fibreglass Braided Silicone Wire



XLPE Wire



Silicone Wire



Silicone Wire



XLPE Wire



FEP / PFA / PTFE / ETFE



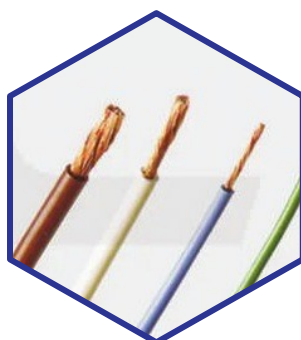
FEP / PFA / PTFE / ETFE



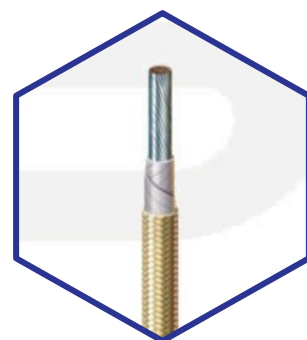
Mica Wire



PVC Wire



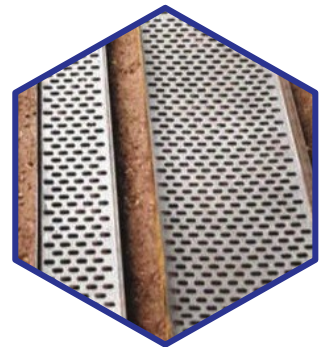
PVC Wire



Mica Wire

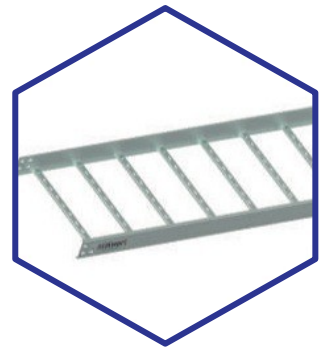
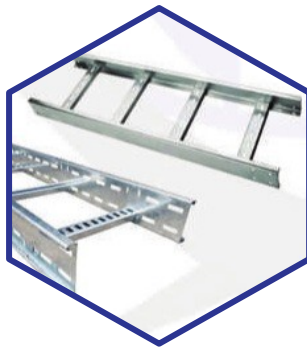
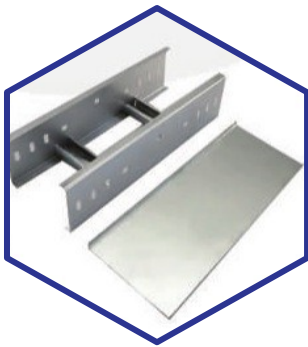
CABLE TRAYS

MATERIAL	MS, hot-dip GI, SS, aluminium
RANGE	Varied thickness, width, sizes and finish as per client requirements



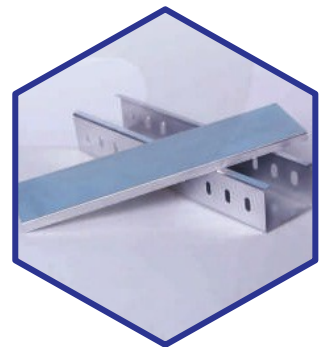
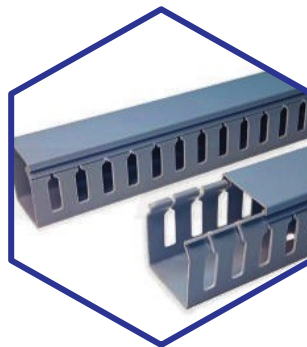
CABLE LADDERS

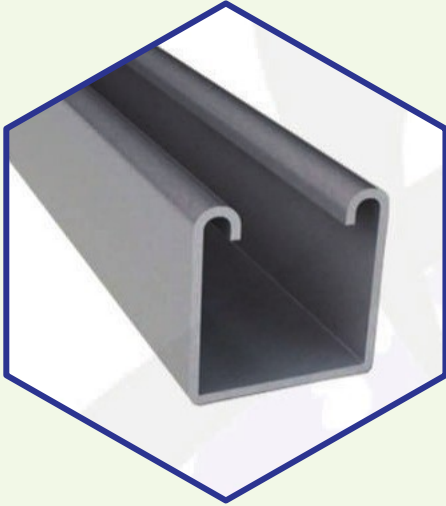
MATERIAL	MS, hot-dip GI, SS, aluminium
RANGE	Varied thickness, width, sizes and finish as per client requirements



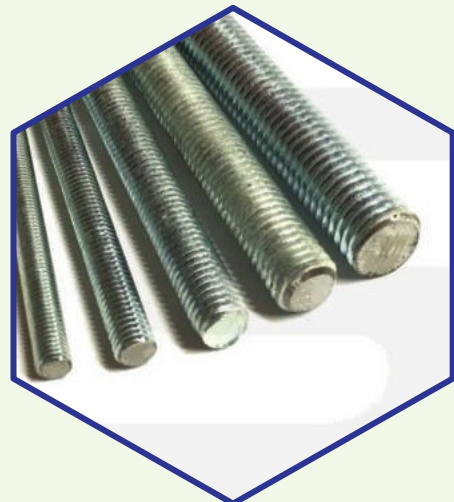
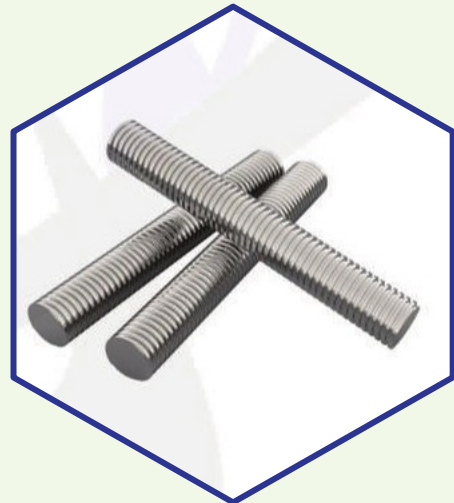
RACEWAYS

MATERIAL	MS, hot-dip GI, SS, aluminium
RANGE	Varied thickness, width, sizes and finish as per client requirements



STRUT CHANNEL

Note: Available in MS/GI, SS and aluminium

THREADED RODS

Note: Available in MS/GI, SS and aluminium

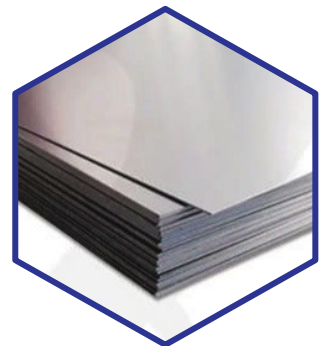
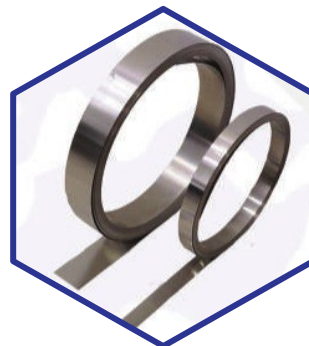
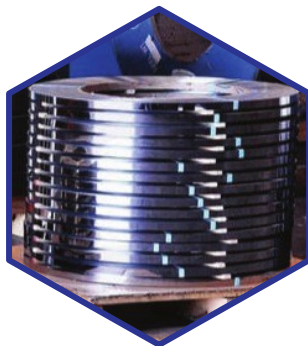
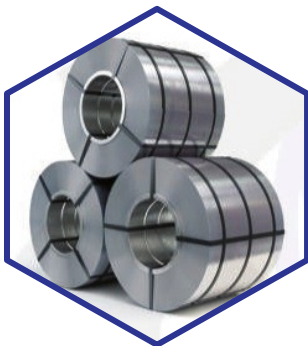
COILS & SHEETS

We provide a varied range of steel, aluminium and galvanised coils and sheets to serve a large number of ventures.



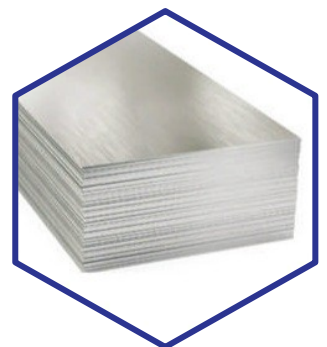
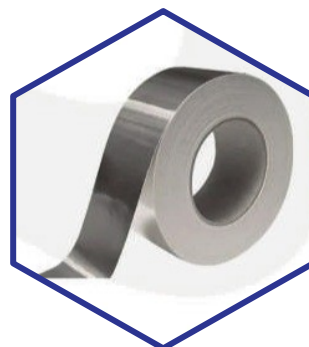
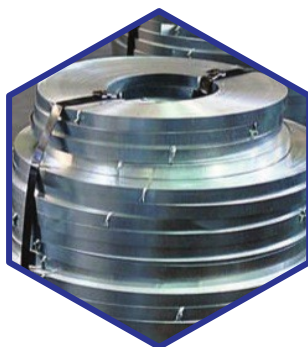
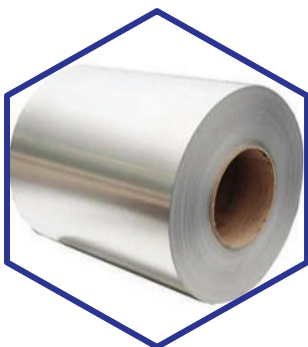
STAINLESS STEEL COIL / SLIT COIL / STRIP / SHEETS

**Note: Any grade, width, length and finish can be customised to client requirements.*



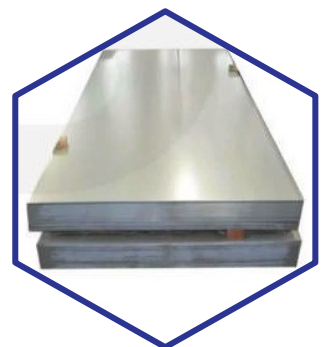
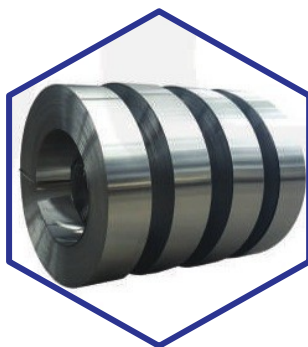
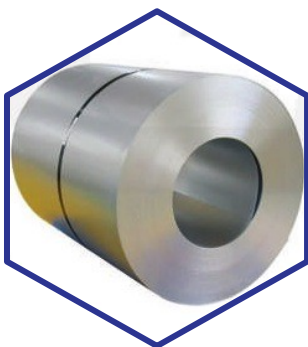
ALUMINIUM COIL / SLIT COIL / STRIP / SHEETS

**Note: Any grade, width, length and finish can be customised to client requirements.*



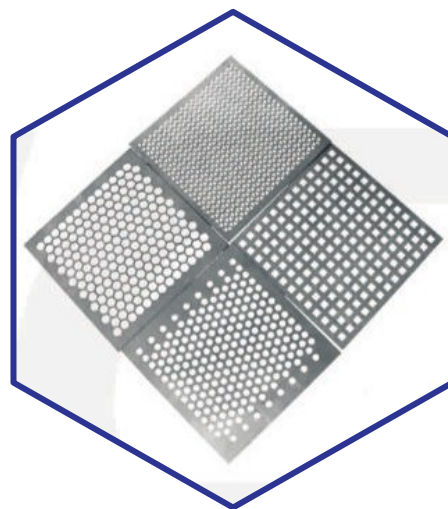
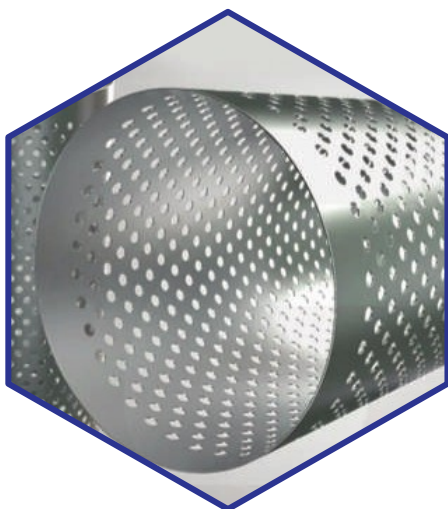
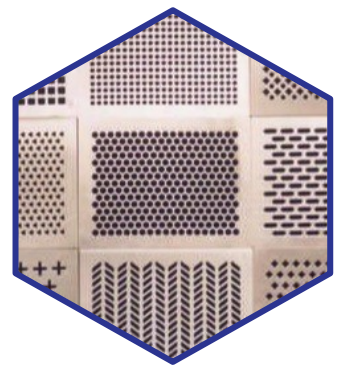
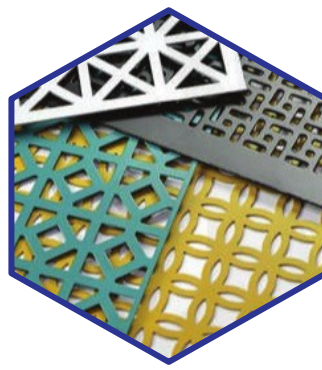
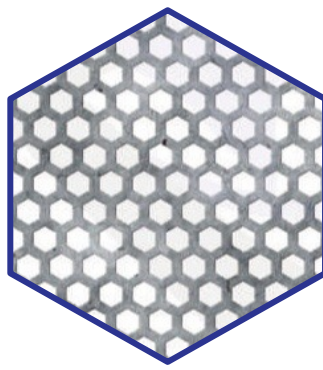
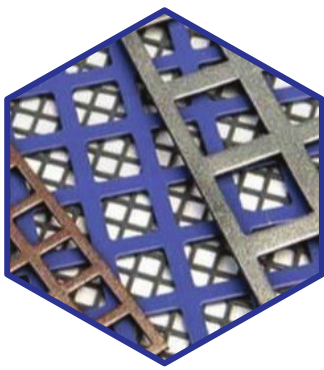
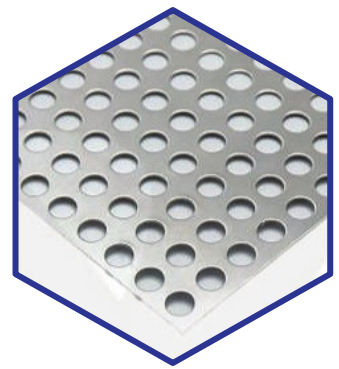
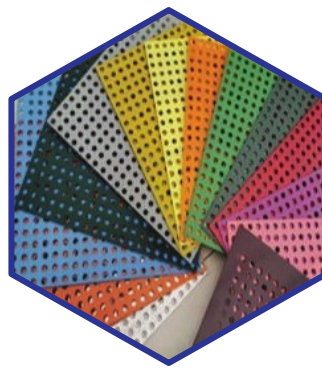
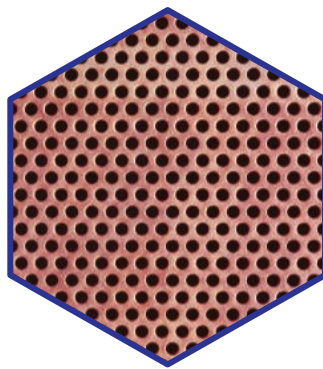
GI COIL / SLIT COIL / STRIP / SHEETS

**Note: Any grade, width, length and finish can be customised to client requirements.*



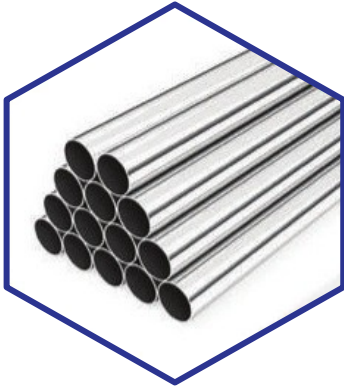
PERFORATED SHEETS & COILS

We offer a broad range of perforated sheets with holes in different sizes, materials and patterns to meet our customers' needs. These can be made in SS, aluminium, brass and mild steel, and supplied as sheets or coils, as per customer requirements.

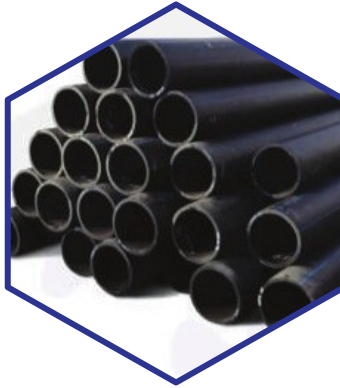


PIPES

We supply a wide range of pipes in SS, CS and MS/GI, available in various grades, wall thicknesses, finishes, diameters and dimensions to meet customer requirements.



SS Pipes



CS Pipes



MS/GI Pipes

PIPE FITTINGS

We provide various types of pipe fittings in SS and MS/GI for different purposes and functions in plumbing systems, including reducers, tees, crosses, couplings, unions, adaptors, olets, plugs, caps, valves and flanges.



SS Pipe Fittings



CS Pipe Fittings



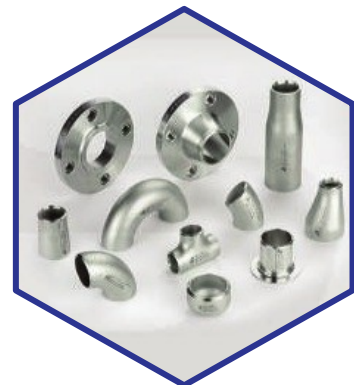
MS/GI Pipe Fittings



Threaded Fittings



Forged Fittings

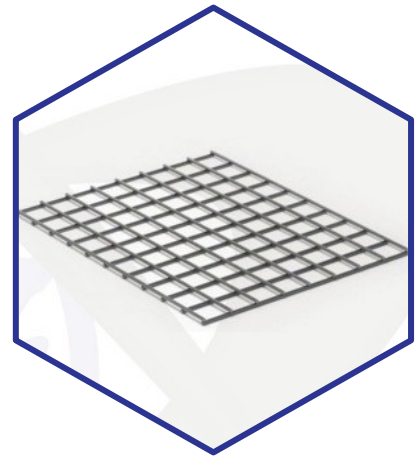
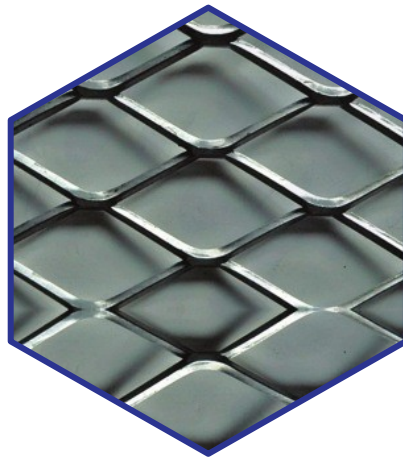
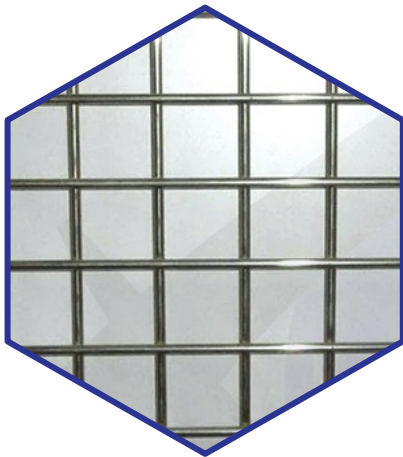


Flanges and Butt-Weld Fittings

FOR CONSTRUCTION WE OFFER

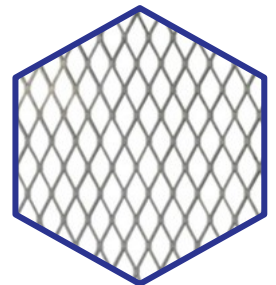
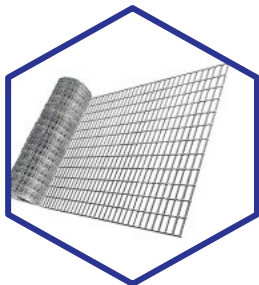
Available in electro-galvanised, hot-dip galvanised and PVC-coated finishes, and customised to any thickness as per client requirements.

- Welded wire mesh
- Expanded wire mesh
- Diamond mesh lath

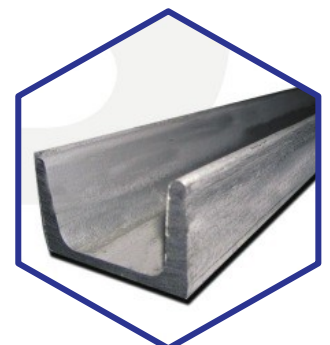
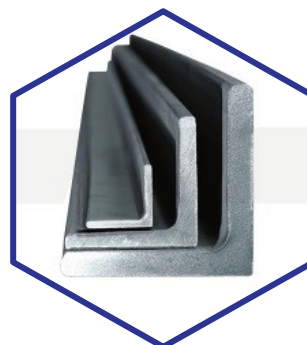
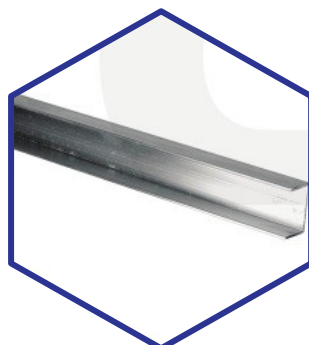
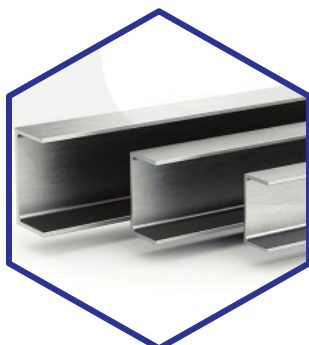


FOR FENCING WE OFFER

- Welded wire fences
- Barbed wire
- Concertina wire
- Woven wire fences
- Expanded metal fences



ANGLE & CHANNEL





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New Delhi – 110027, India

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Phone: +91-9811127769

Email: sales@gcsprotech.com

Email: gcsprotechengineering@yahoo.com

Web: www.gcsprotech.com

WHERE ENGINEERING MEETS RELIABILITY