



GPS STEEL





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History

It all started in 1966 in Bourj Hammoud as a family business by the late Sahag Parseghian and his son George Parseghian who launched their simple mechanical workshop for custom made machine design and produced spare parts for the Lebanese market. After years of hard work, the founders not only persisted with their goal in spite of the difficult challenges during the Lebanese Civil war, but also strived to maintain the best quality and best service. With time, their business expanded and they started producing items that were challenging and required high skills and talent; this allowed them to support many of the major Lebanese industrial and commercial firms.

In 2000, George and his two sons, Sahag and Raffy, realized that it was time to expand the business by founding a new location in order to cater for bigger projects and utilize modern, high tech machines.

At this point, the firm purchased a land, built a new building, expanded to the new building in Bourj Hammoud, and acquired a set of new machinery all controlled by computer systems. This new technology boosted the manufacturing process, and increased the overall productivity and sales. At this time, the firm was able to take orders from more customers, introduce new items such as the air condition brackets, produce construction related articles, and fabricate many other accessories for a huge number of companies in Lebanon and the Middle East.

In 2010, the need for additional workshop space lead to the purchase of a larger warehouse. Consequently, a new land was purchased in Anjar with a strategic location, close to the Lebanese-Syrian border and to the major agricultural and industrial region in Bekaa and Zahle. This new facility contains a steel structure and a building for manufacturing, assembling, and warehousing new products for the Lebanese and Arab market.

The experience and knowledge of 45 years has allowed the firm to leave many footprints all over Lebanon and the Middle East through multiple projects; it remains a strong building block for a large number of local and international companies.

In spite of the fact that this company has its history, its future and the potential it holds do not compare to what it has already accomplished, for it aims to expand even further by extending its circle and taking on many more projects in the future.



CNC MACHINING



CNC MACHINING

EDM

EDM Drill GPS Steel has the capacity to drill from 0.3mm to 3.0mm diameters up to 300mm thickness. It can go through any type of steel.



CNC Milling

Two and Three dimension operations such as drilling, cutting, engraving or shaping any kind of material according to the customers' requirements.

CNC Turning

High speed and high precision lathes process parts that range from the smallest and highest detailed parts to the roughest largest parts. These high speed CNC Lathes are capable of mass producing Brass, Plastic, Stainless Steel, Carbon Steel and all other types of materials.



Wire Cutting

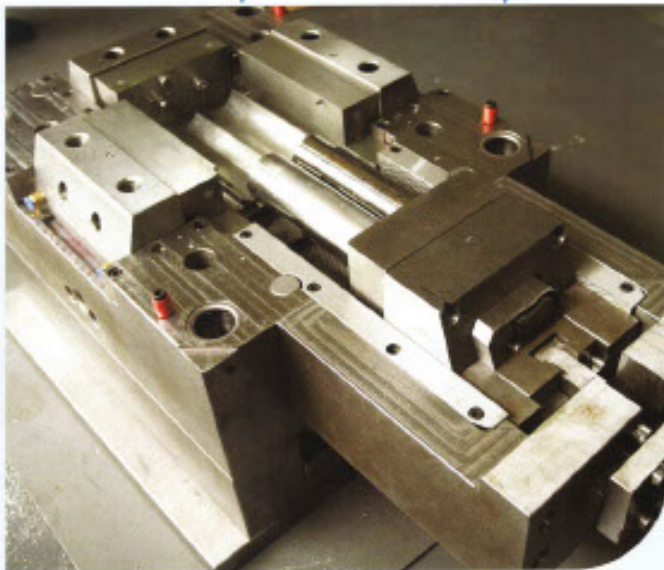
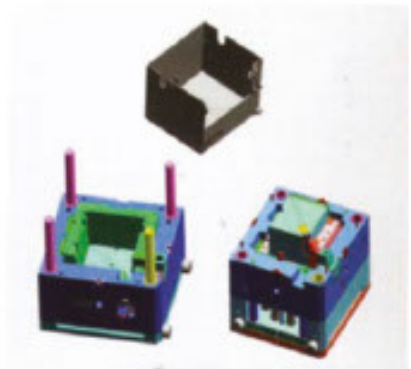
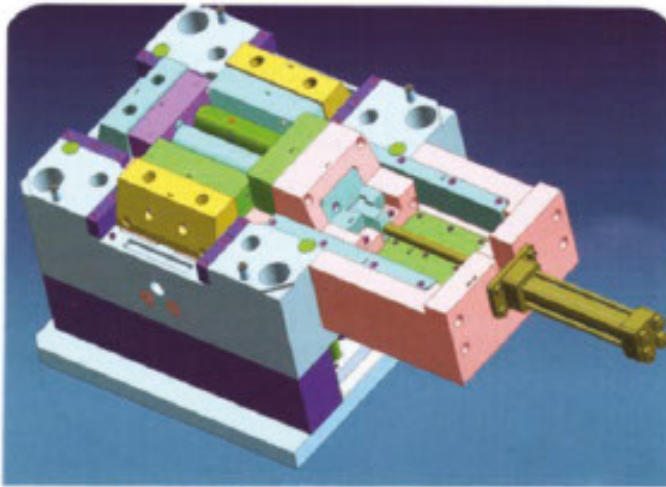
GPS Steel is equipped with super high precision wire cutting machines that are able to cut up to 60cm thickness with a precision of 0.001mm. This type of cutting is mostly used in precise mould





MOULD MAKING

GPS Steel can design & produce: Stamping forging, punching bending, metal & plastic injection moulds.



MACHINE PARTS MANUFACTURING



Machining services are available through GPS Steel including CNC turning, CNC machining, machine grinding, machine drilling, machine tapping, EDM Drilling, EDM Machining ranging from standard machining to high precision machin-



Machine Parts Manufacturing:

Gears

Accessories

Cutting Knives for Shear, paper cutting, zigzag knives for package cutting

Dies for Press Brakes

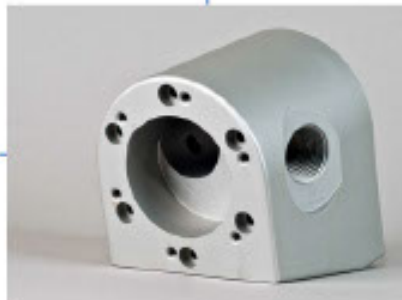
Punching Die





CUSTOM MADE MACHINES

PLC Controlled custom made machines
NC / Servo Type Controls
Pneumatic / Hydraulic powered systems



MAINTENANCE & REPAIR SERVICE

Maintenance and Repair Services for:

- Moulds
- Press Brake (Mechanical and Hydraulic types)
- Shear (Mechanical and Hydraulic types)
- Mechanical press and other types of machines
- Parts for food processing machines
- Special parts for printing press machines



ARCHITECTURAL

GPS Steel has been the backbone for contractors and sub contractors in huge number of projects. Some of the recent projects include :



Zaituna Bay - 2011



Abu Dhabi Financial Centre
2010

Platinum
Park Avenue
Beirut
2012



Verdun Gardens - 2012

Beirut City Center - 2012



BLOM Bank
Central Branch

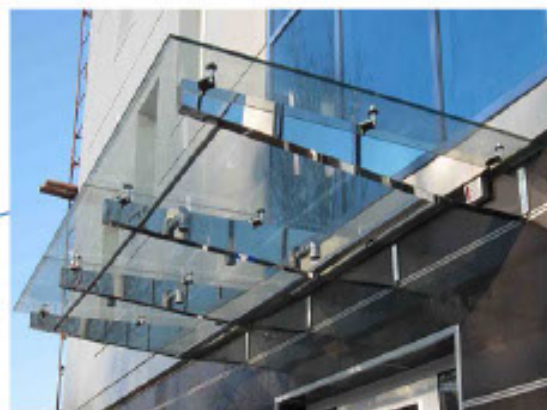


Beirut
International
Airport

DECORATIONS



DECORATIONS





Point Fixing Bolts

These are also known as Routels, Articulated bolts, Swivel bolts, etc. Point fixing bolts are mainly of two types: Fixed and Swivel. These can be used for fixing single glazing and/or double glazing of various thickness. These Bolts are made by Stainless Steel 304 or 316 grade materials; other grades or other material can also be provided upon request.

Spider

Different shapes and dimensions for a wide variety of specifications are available. Centre to centre dimensions vary according to the wind load and stress requirements. He shapes in X, H etc. are available for different visual impact. Different types of fixing arrangements like fin type, structure fixing types are also available. Spiders are available in Stainless Steel 304 or 316 Grades.



Pressure Pipe

These are also known as tension rod truss. This is used along with tension rods and tension cables and is the main element for the tension rods or tension cable structure. The length, diameter and fixing arrangements are provided as per the requirements of the project specifications. Pressure Pipes are available in Stainless Steel 304 or 316 Grades.



Tension Rod/Cable

Tension cable structures are also known as Wire Rope structures. Their primary purpose is to give a very light weight look to the glass façade while providing very strong structure. Different diameters and sizes are available for different load requirements. Tension rod/cables are available in Stainless Steel 304 or 316 grades, in addition to Steel and Aluminium material upon request.



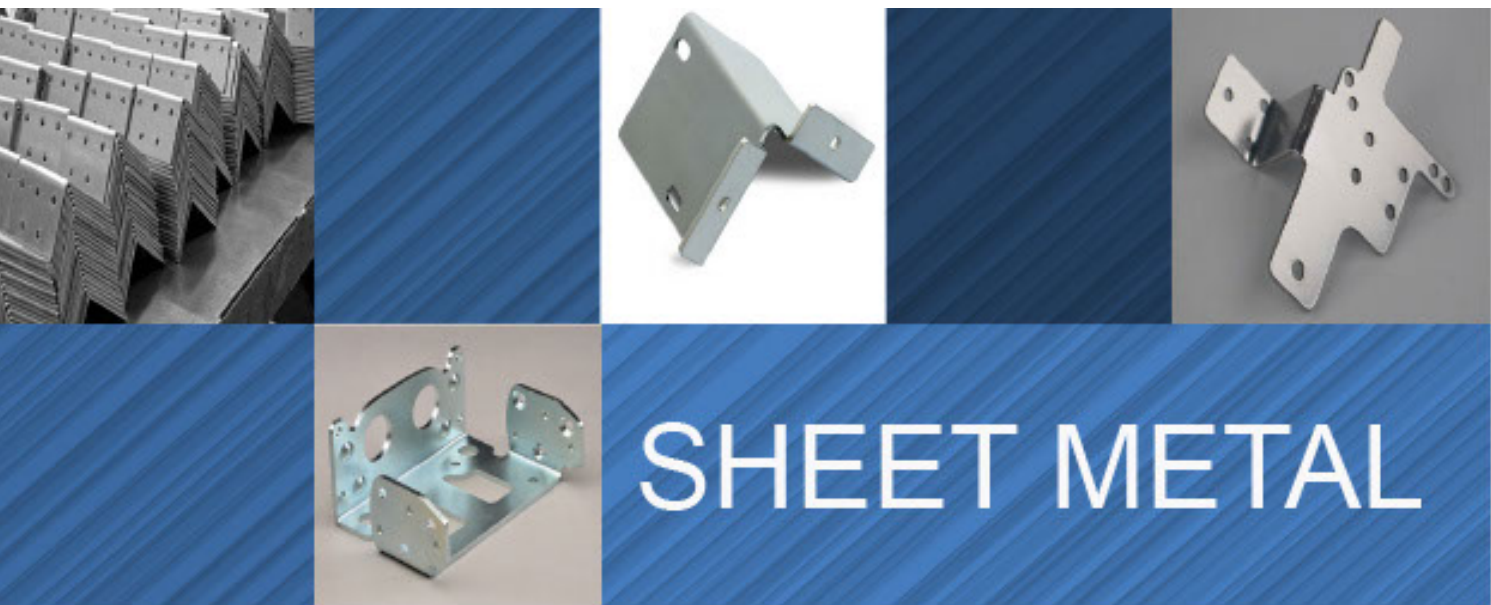
Balustrades and Canopies

Balustrades and Canopies in a combination of glass and Stainless Steel have become an integral part of contemporary architectural designs for exterior and interior use. A wide variety of designs, shapes, accessories and fittings are available. These are made in Stainless Steel 304 or 316 Grades.

Accessories

Accessories and odd fittings required for the entire structure are also available. Some of their parts are custom designed and made for specific projects. The material and the design used depend on the customers' recommendations or the application. Some of the parts are made of steel, Stainless Steel, Aluminium depending on the application.





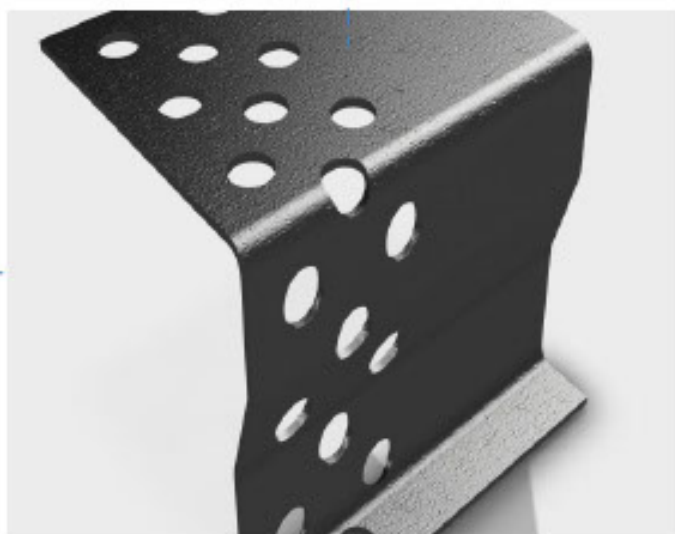
GPS Steel is equipped with high speed CNC Type punching machine with large number of diverse regular and custom made dies.

Sheet cutting up to desired length controlled by NC is also available for variety of thickness's.

NC controlled Sheet Hydraulic Bending services.

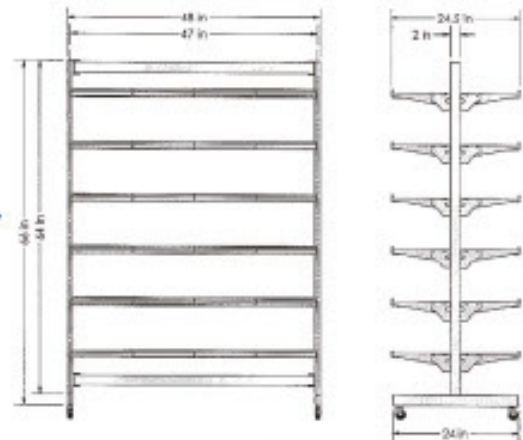
Automatic NC controlled tube and bar cutting machines are also available.





DISPLAY STANDS

Custom made display stand designs and production services are available.



DISPLAY STANDS



WELDING & FINISHING

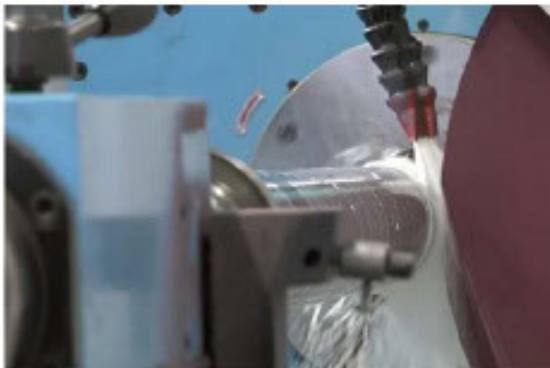
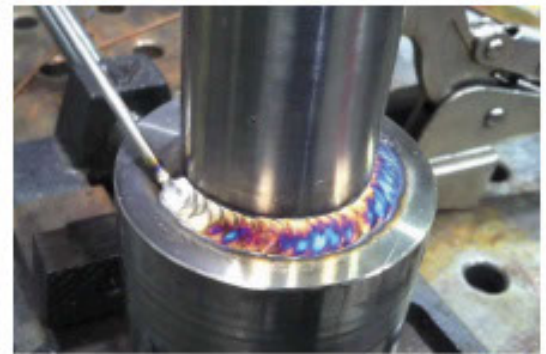


We offer Mig, Tig, Spot, and Stick welding for steel, stainless steel, aluminium and other materials and our welding is coded in all disciplines.

Finishing

Grinding/ Polishing/ Finishing Department

Our finishing department can take care of all the minor details that will make a big difference for the appearance and quality of your product. We use high quality automated and manual machines and tools that will give the desired final appearance for any finished item.



Powder Coating

We offer High Quality and environmental friendly, powder coating service for micro and macro parts.

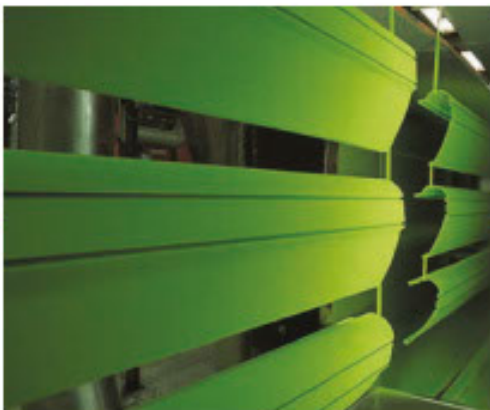
Powder coating is super-durable and cost effective. All types or shapes of metals can be powder coated. Strict requirements can be met with our clean environment and quality management services.



Our Powder Coating services can serve applications including the following industries:

- Architecture
- Automotive
- Sporting Equipment
- Fencing
- Furniture
- Decorative Effects
- Miscellaneous Metal and Glass
- Advertising stands

GPS Steel can offer not only manufacturing services, but can also supply your products with best quality, high durability cleaning and powder coating services. our facility is equipped with environmental caring equipments, and can operate not only micro parts but also work-pieces with dimensions up to Width 3m and extended Length of 12m.



DESIGN & CASTING



The alloy sorts that can be produced by injection casting includes: carbon steel, alloy steel, stainless steel, precision alloy, copper alloy, aluminium alloy etc.



The shape of Injection casting part is complex, however the minimum diameter of hole that is casted in the parts is 0.5mm, the minimum wall thickness is 0.3mm.



The weight of the casted parts could be between several grams to kilograms. The progress of injection casting is complex and changeable. Therefore, it is suitable for the products that have complex shape, high precision requirements, and difficult machine ability.

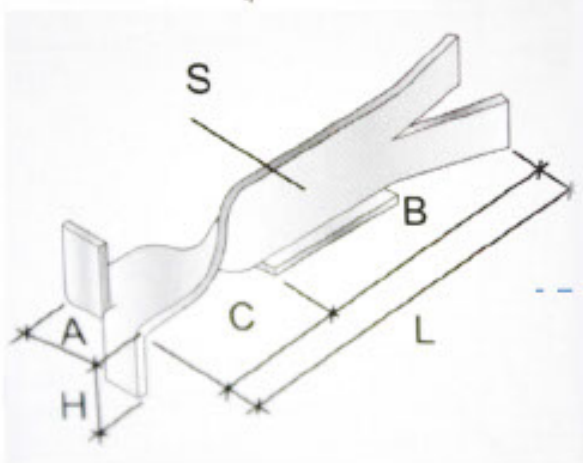
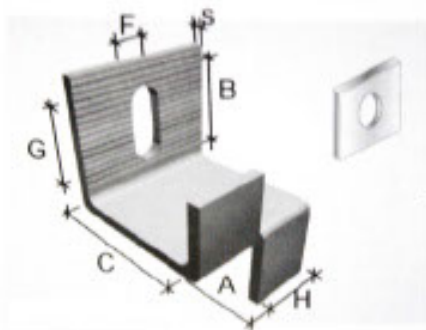


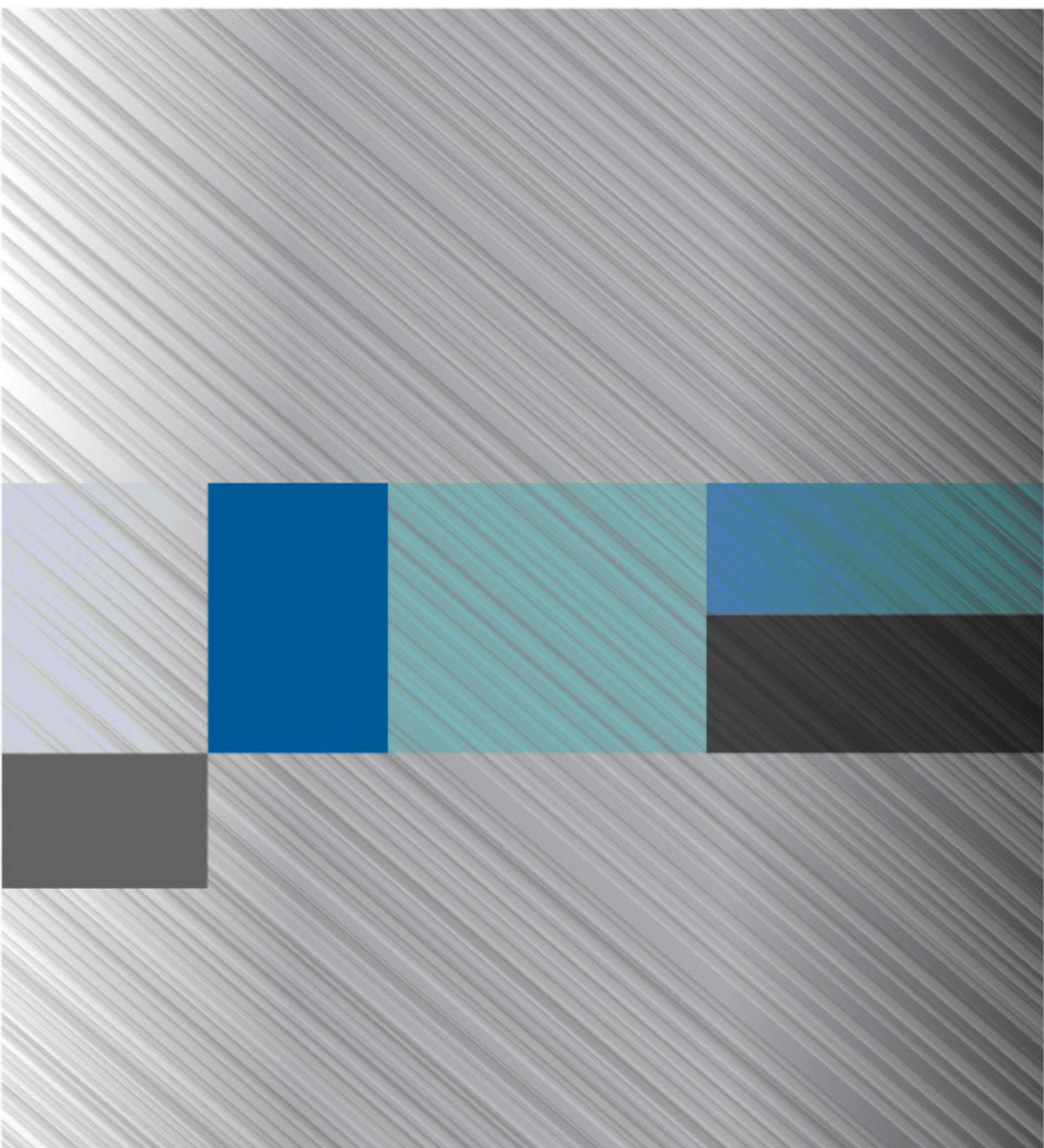




CLADDING

GPS Steel produces the standard types of cladding fittings and accessories with the requested material. Custom made accessories can also be produced upon request.



The background of the page features a repeating pattern of thin, parallel diagonal lines in a light gray color. Overlaid on this pattern are several rectangular blocks of color: a light blue block on the left, a solid dark blue block, a teal block with diagonal lines, a darker teal block, and a dark gray block at the bottom left.

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