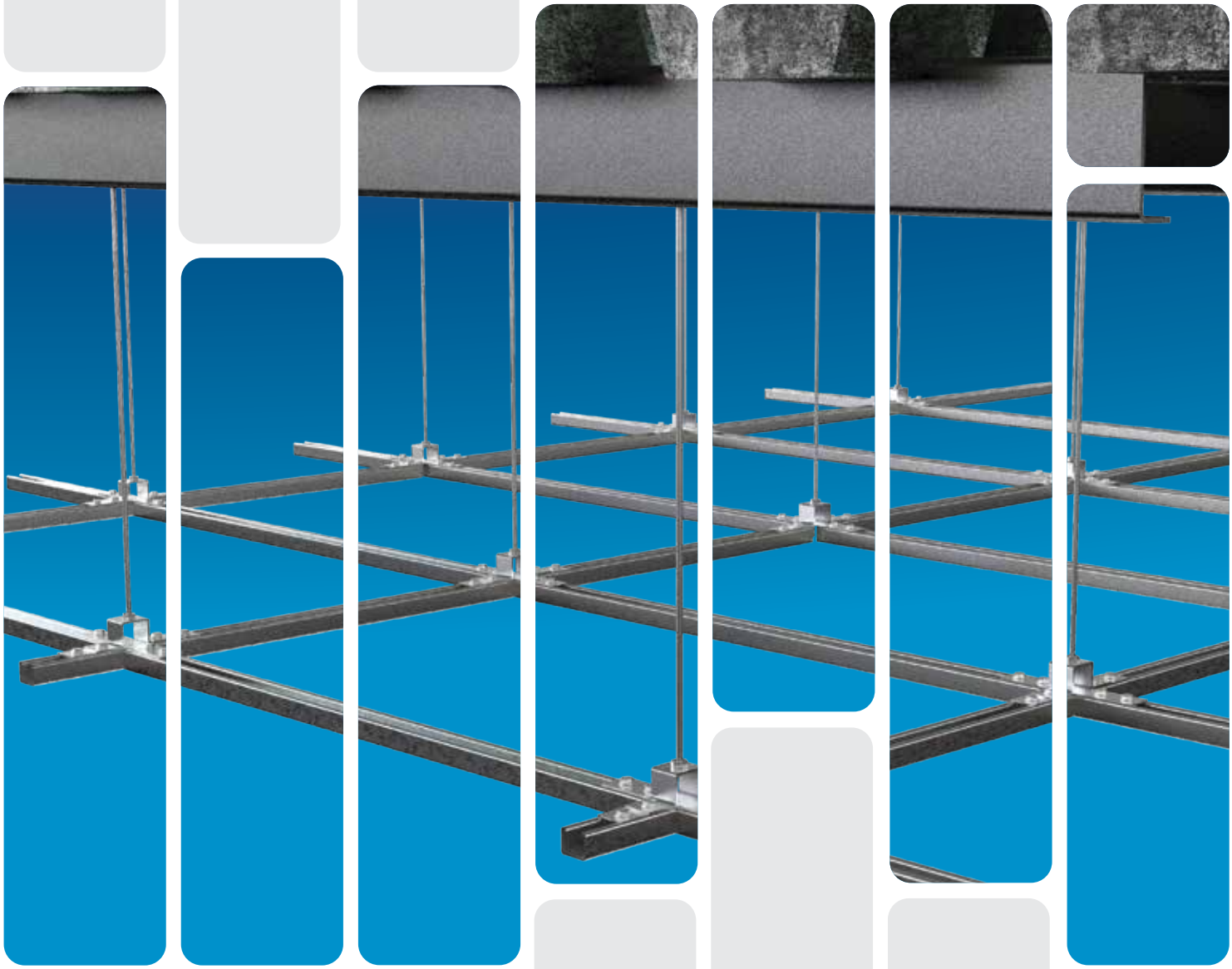
METAL CEILING GRID SYSTEMS



www.unitech-ikk.com
www.sfsp-ikk.com
wwww.ikkgroup.com

UNITECH
For Building and Construction Materials

METAL CEILING GRID SYSTEM

PRODUCED BY

SPECIALIZED FACTORY FOR STEEL PRODUCTS
SIGMA FACTORY FOR STEEL PRODUCTS

Metal Ceiling Grid System
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ABOUT UNITECH

Unitech Introduction

Unitech is a Saudi based Multinational Company providing building and construction solutions that is empowering the region's construction industry for the past 40+ years. We have been successfully providing solutions through mastering our main business activities: Design, Manufacture and Trade.

Design:
Provide Design & Engineering Solution to the construction sector, complying with international & local standards.

Manufacture:
Operating with Global Standards, we are widely recognized for our advanced light steel solutions and Hot-Dip Galvanization Facility.

Trade:
We are one of the region's largest Importer/Exporter of Building & Construction Materials.

Unitech is an **ISO QMS 9001:2015** certified company and is a member of the US Green Building Council. Our experienced teams and operations are present across the Middle-East North Africa regions (MENA) and Pakistan, giving us an extensive regional network that benefits our clients and partners. We are also present in Europe via our design and engineering office in Stuttgart.

For more information, please visit: www.unitech-ikk.com

Mission & Vision

Mission

We have the conviction to be the leader in building & construction industry through:

- Providing excellence in services with passionate & educated sales force
- Strengthen culture through unified sense of purpose
- Innovative product range which is customer centric
- Reputable and quality service company
- Attracting, engaging and retaining talent

Vision

To be the Customer's First Choice...

Our Strategy

Unitech's strategy continues to focus on accelerating its business throughout the region, to service the construction sector via superior products & solutions, backed up by a group of highly experienced people in the field. Unitech also aims to enhance its geographical presence in its areas of interest and where opportunities exist.

We combine a deep understanding of building and construction materials markets with a successful history of upgrading our products and developing our processes.

We have the qualified employees, the know-how and the products to service major construction projects, medium sized to mega projects taking in care our positive contribution to our societies.

We thrive towards excellence by acknowledging:

Customer Satisfaction

Partner and Supplier Relations

Employee Retention

Positive Influence on Society and Environment

Our Employees

We are a company that prides itself on its 'family' culture and we seek out high-caliber people. We are a company that has, at its core, a team philosophy that is clearly apparent each and every day - there is a real sense of being there for one another.

We believe in nurturing the skills of our team members and providing growing levels of responsibility. Our people bring unique skills, energy, expertise, experience and perspectives to our workforce.

Unitech›s family of employees consists of experienced, well-motivated and dedicated team of engineers, technicians, sales executives and management staff. This team is committed to serve our customers, with the best solutions available in the market.

Our Journey
40+ Years of Excellence

Since 1979, having been set to become an independent company under the framework developed by Sheikh Isam Kabbani, Unitech started its journey of success with confidence and enthusiasm, hard work and care to detail and a commitment to become the best within its industry.

Its dedicated people could only imagine what the future could bring to this newly established entity. Unitech's journey of success has been marked with outstanding achievements and superior accomplishments. Year by year, Unitech has been acknowledged as the "First Choice for Building & Construction Material" by major construction consultants in the region, governmental authorities, well-known contracting and project development corporations.

We have obtained invaluable knowledge about the construction industry in general, providing specialized solutions to construction projects throughout MENA region. From a couple of outlets in Saudi Arabia, Unitech today is present all over the Kingdom and in several countries throughout the region providing its products and
solution to various locations worldwide.

Est. 1979

THE BEGINNING
Unitech was established in the Western Region of KSA as a Sales Company selling basic construction material.

During the same year, another branch was established in the heart of the kingdoms capital, Riyadh.

1980 to 1989

AGE OF GREAT RISK
Unitech Dammam was open for business in the oil-rich eastern coast of Saudi Arabia.

Within these 10 years the idea of in-house manufacturing facility was born and Specialized Factory for Steel Products (SFSP) was established in Riyadh.

1990 to 1999

AGE OF GROWTH
Branches of Unitech were established in Makkah, Madina, Khamis Mushayt and Jubail.

The need to increase its range of products and the necessity to have production lines for mass production lead to the decision to move the SFSP Factory from Riyadh to Jeddah.

Pioneering Construction
Since 1979

We are constantly evolving in order to become more flexible in our operations, more sustainable in our societies, and more innovative in conducting our business.

By delivering superior products tailored to the specific construction needs, ambitious solutions, and an outstanding customer service, we serve today's needs through developing tomorrow's markets.

Helping construction projects experience success is what fueled its days. Unitech is keen to continue offering superior products, a wide spectrum of solutions, governed by our top-notch management style.

Such aspirations require trust in our responsibilities. Our Responsibilities for the future and with this in mind we continue to target excellence with committed efforts.

2000 to 2015

AGE OF CONSTRUCTION BOOM

Qassim, Hofuf and Yanbu Branches were inaugurated in KSA and branches outside KSA were established in UAE, Egypt, Lebanon, Oman, Jordan and Germany in order to facilitate the construction boom in the Middle East.

During this period SFSP state of the art facilities were launched in DIC UAE and Unitech thrived, marking some of the best years in business.

2016 to 2019

AGE OF GREAT CHANGE

This period, marked the age of great change in order to align with the economic shift in the GCC and the world in general.

Company wide right sizing initiatives were taken especially in KSA to align with the kingdoms ambitious vision 2030 and during this period the upgraded SFSP state of the art facilities were launched in JIC 3 KSA.

2020 & Beyond

NEW FRONTIER

This period marks the expansion of Unitech into the South and Central Asian territories. We aim to cater these markets and play an active role in these countries development.

During 2020, Unitech Pakistan was officially inaugurated and marked the entrance of Unitech into Asian Market.

Our Manufacturing Arm SFSP

SFSP is a leading manufacturer and fabricator of light steel construction products in the region, servicing the construction sector through its state of the art facilities which are spread all over the MENA region. Products of SFSP are manufactured from quality raw material according to the relevant international standards to meet all kinds of construction projects requirements, such as MEP, façade, blockwork & waste management systems.

Commitment to Quality

Our commitment to quality is clearly revealed in the way we do our business; our processes, our close interaction with our clients as well as the strict product inspection procedures. To achieve this, we have implemented quality systems & processes that are continually being improved to satisfy our customer's needs.

Product Development

Product development process is substantial to the success of our business. We leverage all resources to provide up-to-date reliable products, environmentally friendly, durable to withstand the toughest weather conditions. Our engineers are constantly testing the products, seeking to present a combination of performance and quality across all our product ranges.

For more information, please visit:
www.sfsp-ikk.com

Value Chain

Our value chain starts up with the quality of the raw materials and ends up in client satisfaction. Our business practices backed up by all technologically essential business elements are supported by an efficient logistics, warehousing and delivery system that maintains a valuable supply chain for products.

The value chain is integrated in our business module, giving us strength and preserving our good reputation gained through the past 4 decades.

Engineering
Specialty

Our products development engineers integrate their vast knowledge to provide the perfect solution to projects within the required specifications and time-frame.

The products development department maintains highly skilled calibers with a dedication towards efficient and reliable solutions even in the most complicated cases where delicacy and skillful approaches are indispensable.

Design and Product Safety

Our design and engineering office in Stuttgart ensures our products comply with relevant European and international standards of fabrication, taking into attention the safety factors which govern the public safety of projects.

Sustainability and Responsibility

We are constantly working hard to reduce our environmental footprints while maintaining the high quality and safety standards. We have set our targets to become three times more efficient in the next 10 years. Our responsibility towards our stakeholders is valued through our positive contributions towards our colleagues, our business partners and our communities as well.

Our Design Office

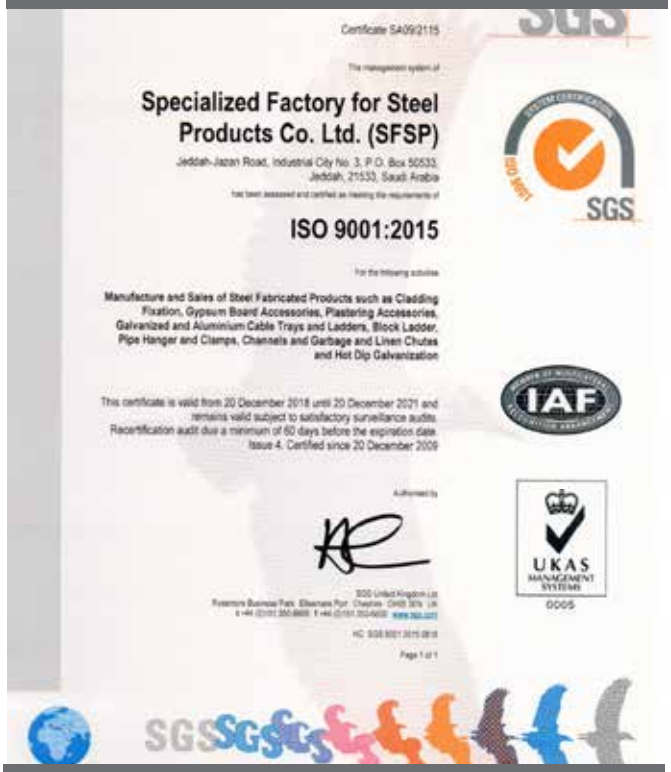
UNITECH DEUTSCHLAND is a "Design & Engineering" Office. Unitech Germany support Unitech & SFSP operations through well-informed cadre of engineers. They help our customers from conception to the completion by delivering design, engineering and project management services.

Thanks to our multidisciplinary team in Unitech Germany and their expertise, we assist you in your ambition to develop your innovation, your engineering and your organization. Our goal is to serve our clients through these elements:

- Excellent in engineering ideas and solutions
- High quality in performance
- Firmness on meeting deadlines

SFSP Certifications

ISO 9001 : 2015
(Quality Management Systems)



Certificate SA09/2115

The management system of

Specialized Factory for Steel Products Co. Ltd. (SFSP)

Jeddah-Jazan Road, Industrial City No. 3, P.O. Box 50533, Jeddah, 21533, Saudi Arabia

has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

Manufacture and Sales of Steel Fabricated Products such as Cladding Fixation, Gypsum Board Accessories, Plastering Accessories, Galvanized and Aluminium Cable Trays and Ladders, Block Ladder, Pipe Hanger and Clamps, Channels and Garbage and Linen Chutes and Hot Dip Galvanization

This certificate is valid from 20 December 2018 until 20 December 2021 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 4. Certified since 20 December 2009

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK
t +44 (0)151 350 6666 f +44 (0)151 350 6600 www.sgs.com

HC SGS 9001 2015 (2018)

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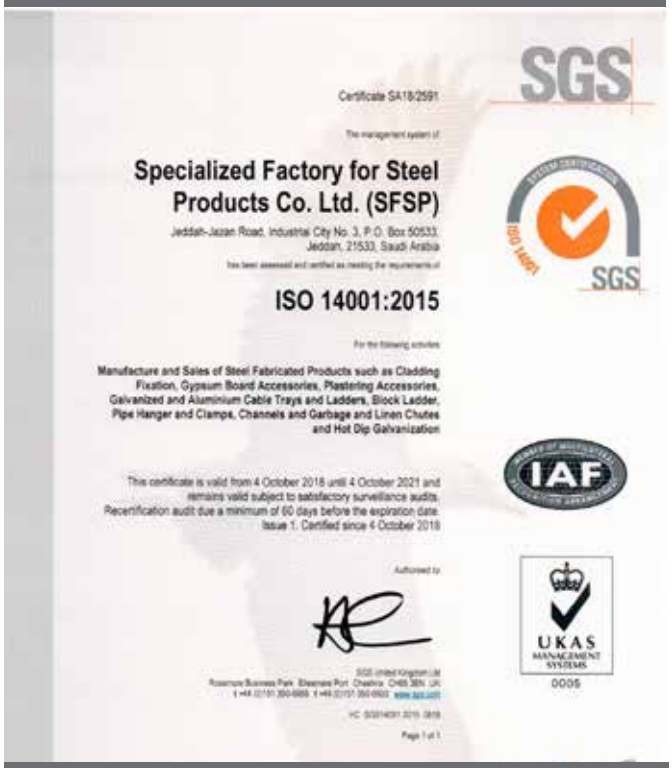
14001 : 2015
(Environmental Management System)



Certificate SA18/2591

The management system of

Specialized Factory for Steel Products Co. Ltd. (SFSP)

Jeddah-Jazan Road, Industrial City No. 3, P.O. Box 50533, Jeddah, 21533, Saudi Arabia

has been assessed and certified as meeting the requirements of

ISO 14001:2015

For the following activities

Manufacture and Sales of Steel Fabricated Products such as Cladding Fixation, Gypsum Board Accessories, Plastering Accessories, Galvanized and Aluminium Cable Trays and Ladders, Block Ladder, Pipe Hanger and Clamps, Channels and Garbage and Linen Chutes and Hot Dip Galvanization

This certificate is valid from 4 October 2018 until 4 October 2021 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 1. Certified since 4 October 2018

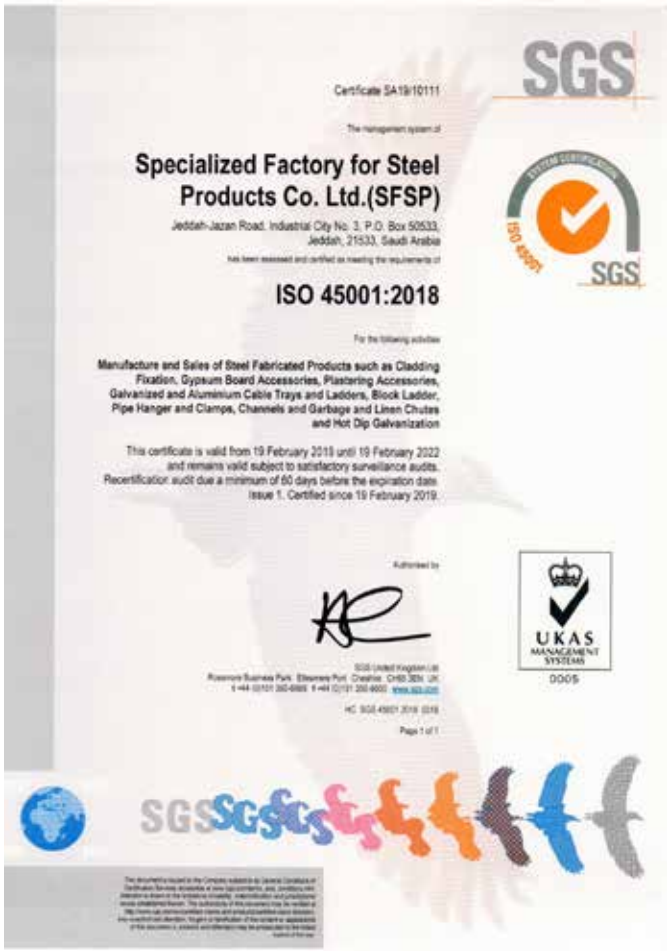
Authorised by

SGS United Kingdom Ltd
Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK
t +44 (0)151 350 6666 f +44 (0)151 350 6600 www.sgs.com

HC SGS 14001 2015 (2018)

Page 1 of 1

ISO 45001 : 2018
(Occupational Health & Safety)



Certificate SA19/10111

The management system of

Specialized Factory for Steel Products Co. Ltd.(SFSP)

Jeddah-Jazan Road, Industrial City No. 3, P.O. Box 50533, Jeddah, 21533, Saudi Arabia

has been assessed and certified as meeting the requirements of

ISO 45001:2018

For the following activities

Manufacture and Sales of Steel Fabricated Products such as Cladding Fixation, Gypsum Board Accessories, Plastering Accessories, Galvanized and Aluminium Cable Trays and Ladders, Block Ladder, Pipe Hanger and Clamps, Channels and Garbage and Linen Chutes and Hot Dip Galvanization

This certificate is valid from 19 February 2019 until 19 February 2022 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 1. Certified since 19 February 2019.

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK
t +44 (0)151 350 6666 f +44 (0)151 350 6600 www.sgs.com

HC SGS 45001 2018 (2018)

Page 1 of 1

STD 096
(Q-Mark Certificate)

Q-MARK CERTIFICATION BMTRADA

UKAS PRODUCT CERTIFICATION 012

Exova BMTRADA

CERTIFICATE OF REGISTRATION

This is to certify that

Sigma Factory for Steel Products
P.O. Box 37991
Dubai Industrial City
Dubai
United Arab Emirates

Meets the requirements of the Exova BM TRADA **Q-Mark International Fire Door Manufacture** scheme to **STD 096 - Issue 3 - 01/12/2015** which only operates in Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia and The United Arab Emirates for the products on the attached schedule

Karen Prendergast
Sector Director - Certification
Exova BM TRADA

Exova (UK) Ltd. (T/A Exova BM TRADA), Chiltern House, Stocking Lane, High Wycombe, Buckinghamshire, HP14 4ND, UK
Registered Office: Exova (UK) Ltd, Lochend Industrial Estate, Newbridge, Midlothian EH28 8PL United Kingdom. Reg No. SC070429.

This certificate remains the property of Exova (UK) Ltd. This certificate and all copies or reproductions of the certificate shall be returned to Exova (UK) Ltd or destroyed if requested. Further clarification regarding the scope of this certificate and verification of the certificate is available through Exova BM TRADA or at the above address or at www.exovabmtrada.com

The use of the UKAS accreditation mark indicates accreditation in respect of those activities covered by the accreditation certification 012

Multisite clients - The scope of certification shown above includes the participating sites shown on the registration schedule

Page 1 of 2

Certificate Number
476

Date of Initial Certification
16 June 2014

Date of last issue
13 October 2017

Date of Expiry
15 June 2020

ISO 9001 : 2015
(Quality Management System)

Alcumus ISOQAR

Certificate of Registration

This is to certify that the Management System of:

Sigma Factory for Steel Products

P.O. Box 37991, Saih Suhaib - 3, 4 Round About, Dubai Industrial City
Dubai, United Arab Emirates

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 9001:2015

Certificate Number:	**22244-Q15-001**
Initial Registration Date:	23 February 2015
Previous Expiry Date:	22 February 2021
Recertification Date:	30 November 2020
Re-issue Date:	01 December 2022
Current Expiry Date:	22 February 2024

Scope of Registration:

Trading and Manufacturing of all kinds of Steel Related Construction Materials

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

ISO 14001 : 2015
(Environmental Management System)

Alcumus ISOQAR

Certificate of Registration

This is to certify that the Management System of:

Sigma Factory for Steel Products

P.O. Box 37991, Saih Suhaib - 3, 4 Round About, Dubai Industrial City
Dubai, United Arab Emirates

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 14001:2015

Certificate Number:	**22244-E15-001**
Initial Registration Date:	22 September 2015
Previous Expiry Date:	21 September 2021
Recertification Date:	11-12 July 2021
Re-issue Date:	01 December 2022
Current Expiry Date:	21 September 2024

Scope of Registration:

Trading and Manufacturing of all kinds of Steel Related Construction Materials

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

OHSAS 45001 : 2018
(Health & Safety Management System)

Alcumus ISOQAR

Certificate of Registration

This is to certify that the Management System of:

Sigma Factory for Steel Products

P.O. Box 37991, Saih Suhaib - 3, 4 Round About, Dubai Industrial City
Dubai, United Arab Emirates

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 45001:2018

Certificate Number:	**22244-OHS-001**
Initial Registration Date:	22 September 2015
Previous Expiry Date:	11 March 2021
Recertification Date:	11-12 July 2021
Re-issue Date:	01 December 2022
Current Expiry Date:	21 September 2024

Scope of Registration:

Trading and Manufacturing of all kinds of Steel Related Construction Materials

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

Alcumus ISOQAR Limited, Alcumus Certification, Cobra Court, 1 Blackmore Road, Stretford, Manchester M32 0QY
T: 0161 865 3699 F: 0161 865 3685 E: isoqarenquiries@alcumusgroup.com W: www.alcumusgroup.com/isoqar
This certificate is the property of Alcumus ISOQAR and must be returned on request.

BS EN 61537:2007 (KEMA - KEUR Certified For Cable Management Products)

DEKRA

CERTIFICATE

Issued to:

Applicant:	Manufacturer/Licensee:
Isam Kabbani Trading Est. (Unitech)	**Sigma Factory for Steel Products (SFSP)**
Rashidiya	**Saih Shuaib 3, 4R/A, Dubai Industrial City,**
Dubai, United Arab Emirates	**Dubai, United Arab Emirates**

Product	:	Cable management system
Trade name	:	SFSP
Types	:	IE-CT-X-10, IE-CT-X-12, IE-CT-X-15, IE-CT-X-20

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard IEC 61537:2006 and EN 61537:2007
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2156954

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 20 January, 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2156954.01

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra-certification.com Registered Arnhem 09085396

SFSP Certifications

UL Certification*
(Cable Trays)

CERTIFICATE OF COMPLIANCE

Certificate Number 20160816-E483358
Report Reference E483358-20160816
Issue Date 2016-AUGUST-16

Issued to: Sigma Factory for Steel Products
Saih Shuaib 3, 4 R/A Dubai Industrial City
Opposite DEWA Substation
Dubai UNITED ARAB EMIRATES

This is to certify that representative samples of CABLE TRAYS
Steel Channel Cable Tray, Ventilated, Heavy Duty (HCT), Very Heavy Duty (VCT) cable trays.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/NFPA 70, "National Electrical Code" (NEC)
Additional Information: See the ULC Online Certification Directory at www.ulc.ca for additional information

Only those products bearing the ULC Listing Mark should be considered as being covered by ULC's Listing and Follow-Up Service.

The ULC Listing Mark generally includes the following elements: the symbol ULC in a circle; with the word "LISTED"; a control number (may be alphanumeric) assigned by ULC; and the product category name (product identifier) as indicated in the appropriate ULC Directory.

To confirm the status, validate the above information via the online directory.

Look for the ULC Listing Mark on the product.

Page 1 of 1

UL Certification*
(Chute Type Fire Doors)

CERTIFICATE OF COMPLIANCE

Certificate Number 20170811-R38825
Report Reference R38825-20170811
Issue Date 2017-AUGUST-11

Issued to: Sigma Factory for Steel Products
Saih Shuaib 3, 4 R/A Dubai Industrial City
Opposite DEWA Substation
Dubai UNITED ARAB EMIRATES

This is to certify that representative samples of CHUTE-TYPE FIRE DOORS
Chute-type fire door and frame assembly of the insulated type, rated up to and including 2 hr, 450°F Temperature Rise Rating.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 10B, Fire Tests of Door Assemblies
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

UL Certification*
(Fire Barrier)

CERTIFICATE OF COMPLIANCE

Certificate Number R40146
Report Reference R40146-20220524
Date 2022-May-25

Issued to: Sigma Factory for Steel Products
Saih Shuaib 3, 4 R/A Dubai Industrial City
Opposite DEWA Substation
Dubai AE

This is to certify that representative samples of MECHANICAL JOINT ASSEMBLIES
The products covered by this Section are mechanical joint assemblies designated Nexus Fire Barrier (NFB) for use in various joint systems described in the Fire Resistance Directory.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2079, Tests for Fire Resistance of Building Joint Systems

Additional Information: See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutulfocations/

SFSP Products

SFSP produces a variety of products ranging from cable management systems; cable trays, cable ladders, basket trays, trunkings and support systems, to mechanical cladding fixations, steel lintels and block work accessories, plasterers' beads, expanded metal and block work reinforcement, strut channel systems, pipe clamps & hangers, gypsum profiles as well as garbage and linen chutes. With the introduction of new machines and the enhancement of production methods, SFSP continues to develop its production methods systematically as well as thoroughly. Its design office in Stuttgart, Germany provides a comprehensive design and calculation case studies, enabling the factory to have the safety factors required for the usage of its products.

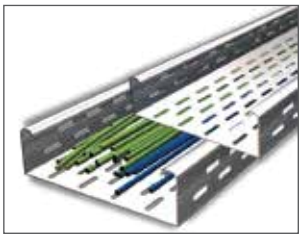
MEP Solutions

Cable Management Systems

Cable Management Systems are economical and designed to meet most requirements of cable and electrical wire installations and comply to international standards of fabrication and finishing.

Cable Trays & Accessories

Cable Trays are designed to meet most requirements of cable and electrical wire installations and comply to local and international standards of fabrications and finishes.

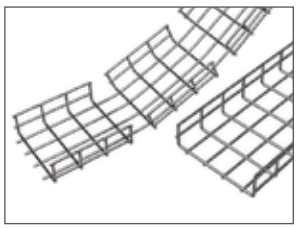


Cable Ladders (Welded & Swaged)

Cable Ladders of different side heights are available upon request.

Basket Trays & Accessories

SFSP's Basket Tray systems make connections fast and simple with limited need for tools. Its design allows for continuous airflow, and prevents heating up of cables. SFSP's Basket Tray comes in a full range of sizes and is made with high-strength welded steel wires.

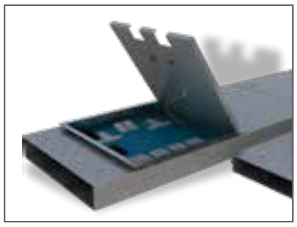


Cable Trunkings

Cable Trunkings and Accessories are offered in a comprehensive range. Mill galvanized, hot-dip galvanized, and powder coated are the various finishes produced in our factories.

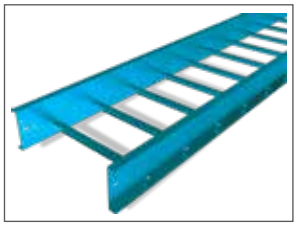
Underfloor Trunking

Underfloor Trunking Systems solutions incorporate a range of products for the distribution of power and data services , it is a coordinated set of containments that protect, segregate, contain, and route cables within a given environment.



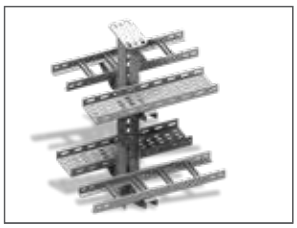
Fiberglass Reinforced Plastic (FRP) Cable Tray / Ladder

SFSP Fiberglass Reinforced Plastic (FRP) Cable Management Systems are designed, manufactured, and tested to be installed in most harsh environmental conditions of onshore and offshore facilities for several industries including Oil and Gas, Petrochemicals, Manufacturing, Mining and others.



Cable Management Support Systems

Cable Support Systems are well designed to provide necessary support for cable trays, cable ladders and trunkings. Cable supports are manufactured according to common standards from high quality raw materials.

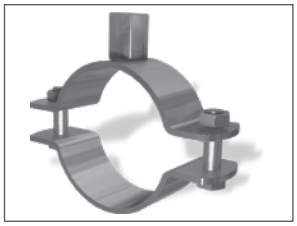


C-Channel Strut Systems

SFSP's Metal Framing Systems provide an economical solution for electrical, mechanical and industrial supports with a wide variety of applications in the construction industry.
Applications: - Pipe and Conduit Supports - Tunnel Pipe Stanchions - Racks and Shelvings - Wall Framings.

Pipe Clamps & Hangers

Pipe Clamps and Hangers from SFSP used in the support of pipes and equipments are manufactured according to the highest standards of fabrication. A diversified choice of Pipe Hangers, Pipe Clamps, EMT Straps, Omega Clamps, Beam Clamps, J and U-Bolts and Threaded Accessories.



Galvanized Threaded Rods and Accessories

Threaded rod, often referred to as a stud, is a rod of varying length that is threaded in a helical structure. Similar in appearance to a screw, the threading extends around and along the rod to cause rotational movements when in use.

Architectural & Finishing Solutions

Mechanical Cladding Fixation (Stangle)

Stangle Cladding Fixation includes design, calculation and production of several types of mechanical fixings and accessories used for cladding purposes. Stainless and galvanized steel are among the various materials used in the fabrication.

Alumimium Sytem for Stone Cladding

SFSP aluminum systems are designed and calculated to provide a practical & safe solutions of stone cladding. Wide range of aluminum profiles with different shapes to support different types of stone cladding.

Waste Management Sys. (Garbage & Linen Chutes)

Chutes from SFSP are very convenient, simple and low cost method of controlling and disposing of refuse and linen. Chutes meet the most stringent requirements of environmental health and safety.

Dry Wall & Ceiling Profiles

Gypsum Boards are considered among the most economic and ideal way for wall partitioning. Easy to install, saves time and money, gypsum boards can be used as a backing for wall treatments such as wall paper, fabric, title and wood paneling or it can simply be painted.

Metal Ceiling Grid Systems

SFSP Ceiling Grid System is a practical, convenient ceiling system. It has a complete range of main c-channel sections and complementary parts so that you can adapt the modules to suit your design needs and load requirements.

Expansion Joint System by Nexus

Our variety of expansion joints includes profiles for walls and floors, profiles for seismic movements, watertight profiles. Our products suit pedestrian as well as heavy load traffic areas.

Entrance Matting System by Nexus

Nexus Entrance matting systems provides heavy duty entrance mats, composed of aluminium profiles with carpet, brushes or rubber inserts. For any design of any shape, being round, square, oval, or any other symmetrical or asymmetrical shape, Nexus offers a variety of entrance matting profiles

Profiles by Nexus

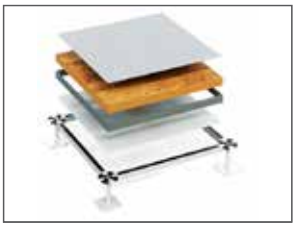
Nexus offer comprehensive solutions for the construction industry ranging from Expansion Joint Covers and Fire Barriers to Entrance Matting Systems, Wall and Floor Profiles, Tactile Solutions, etc... NEXUS range of products is manufactured according to most common international standards to meet the requirements of commercial, residential, governmental, transportation, healthcare and educational projects.

Phenolic Compartment by CUBIX

CUBIX phenolic compartment and partition systems are manufactured and customized to meet the precise needs of simple to complicated projects with its top-notch finish, quality of material and within a timely delivery. A complete solution with a wide selection of colors and textures are available.

Raised Access Flooring by PIXEL

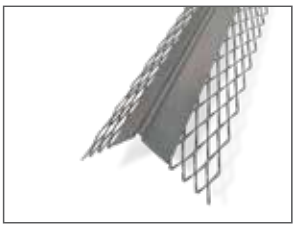
PIXEL Raised Access Flooring offers comprehensive solutions of High Tech Raised Access Flooring Systems for the construction industry. PIXEL Raised Access Flooring are manufactured according to most common international standards to meet the requirements of commercial, residential, governmental, transportation, healthcare, and educational projects.



Civil Solutions

Expanded Metals, Plasterers' Beads

Expanded Metals help the formation of joints, protection of corners and resistance against cracks, chips and impact damage. SFSP manufactures inaccordance with BS EN 13658 – 2, ASTM C847-18, BS EN 845-3:2003+A1:2008, ASTM A 951/A 951M - 2016 standards.



Block Ladder Reinforcement

SFSP ladder and truss types are used for the reinforcement of brick and block masonry to give improved tensile strength to walls subjected to lateral loading e.g. wind and seismic. SFSP Block reinforcements reduces the risk of cracking either at stress concentration around opening.

Steel Lintels & Block Work Accessories

Steel Lintels provide a combination of strength and light weight, resulting in efficient load bearing performance and increased productivity on site. They are characterized by their ease of installation in addition to time as well as money saving. SFSP manufactures Steel Lintel in accordance with BS EN 845-2:2013+A1:2016 and according to relevant standards BS 5977 Part 2:1983.

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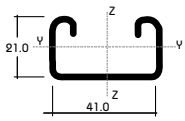
METAL CEILING GRID SYSTEMS

SFSP Ceiling Grid System is a practical, convenient ceiling system. It has a complete range of main c-channel sections and complementary parts so that you can adapt the modules to suit your design needs and load requirements. The design of SFSP Ceiling Grid System components ensures easy essemly, reliability, and the ability to be adjusted or replaced without damage. All components have been designed and tested by SFSP engineers to meet the requirements of ceiling grid support systems.SFSP main c-channel is cold formed on modern rolling machines from low carbon steel manufactured according to BS 6946:1988. With a continuous slot type, it provides the ability to make attachments at any point.

C-CHANNEL TYPES

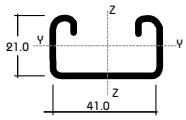
CCH-220/221

C-Channel:	41x21x1.5mm	
Area of Shear (A_z)	0.42	cm^2
Moment of Inertia (I_y)	0.70	cm^4
Moment of Inertia (I_z)	3.34	cm^4
min. Section Modulus (S_y)	0.60	cm^3
Warping Constant (I_w)	17.49	cm^6
Torsional Constant (I_T)	0.01	cm^4
Plastic Moment cap. ($M_{pl,y}$)	0.19	kNm
Self weight (G)	0.97	kg/m



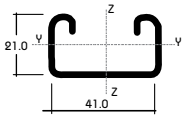
CCH-320/321

C-Channel:	41 x 21 x 2.0	
Area of Shear (A_z)	0.55	cm^2
Moment of Inertia (I_y)	0.88	cm^4
Moment of Inertia (I_z)	4.25	cm^4
min. Section Modulus (S_y)	0.75	cm^3
Warping Constant (I_w)	21.34	cm^6
Torsional Constant (I_T)	0.02	cm^4
Plastic Moment cap. ($M_{pl,y}$)	0.24	kNm
Self weight (G)	1.27	kg/m



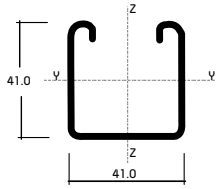
CCH-420/421

C-Channel:	41x21x2.5mm	
Area of Shear (A_z)	0.67	cm^2
Moment of Inertia (I_y)	1.03	cm^4
Moment of Inertia (I_z)	5.07	cm^4
min. Section Modulus (S_y)	0.89	cm^3
Warping Constant (I_w)	24.34	cm^6
Torsional Constant (I_T)	0.06	cm^4
Plastic Moment cap. ($M_{pl,y}$)	0.29	kNm
Self weight (G)	1.56	kg/m



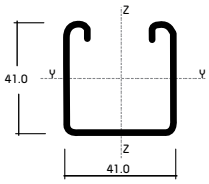
CCH-340/341

C-Channel:	41x41x2.0mm	
Area of Shear (A_z)	1.34	cm^2
Moment of Inertia (I_y)	4.59	cm^4
Moment of Inertia (I_z)	6.99	cm^4
min. Section Modulus (S_y)	2.18	cm^3
Warping Constant (I_w)	138.49	cm^6
Torsional Constant (I_T)	0.03	cm^4
Plastic Moment cap. ($M_{pl,y}$)	0.64	kNm
Self weight (G)	1.83	kg/m



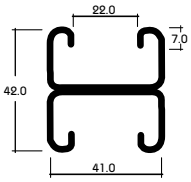
CCH-440/441

C-Channel:	41x41x2.5mm	
Area of Shear (A_z)	1.67	cm^2
Moment of Inertia (I_y)	5.87	cm^4
Moment of Inertia (I_z)	8.76	cm^4
min. Section Modulus (S_y)	2.72	cm^3
Warping Constant (I_w)	171.52	cm^6
Torsional Constant (I_T)	0.07	cm^4
Plastic Moment cap. ($M_{pl,y}$)	0.82	kNm
Self weight (G)	2.32	kg/m



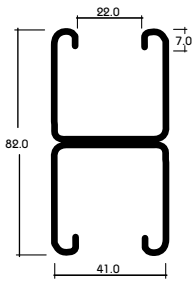
CCH-422 B2B

C-Channel:	41x21x2.5mm	
Area of Shear (A_z)	0.88	cm^2
Moment of Inertia (I_y)	5.55	cm^4
Moment of Inertia (I_z)	10.14	cm^4
min. Section Modulus (S_y)	2.65	cm^3
Warping Constant (I_w)	22.30	cm^6
Torsional Constant (I_T)	0.12	cm^4
Plastic Moment cap. ($M_{pl,y}$)	0.82	kNm
Self weight (G)	3.13	kg/m



CCH-442 B2B

C-Channel:	41x41x2.	
Area of Shear (A_z)	2.37	cm^2
Moment of Inertia (I_y)	34.08	cm^4
Moment of Inertia (I_z)	17.56	cm^4
min. Section Modulus (S_y)	8.31	cm^3
Warping Constant (I_w)	140.95	cm^6



Torsional Constant (I_T)	0.16	cm^4
Plastic Moment cap. ($M_{pl,y}$)	2.51	kNm
Self weight (G)	4.70	kg/m

STANDARD CEILING GRID SYSTEM

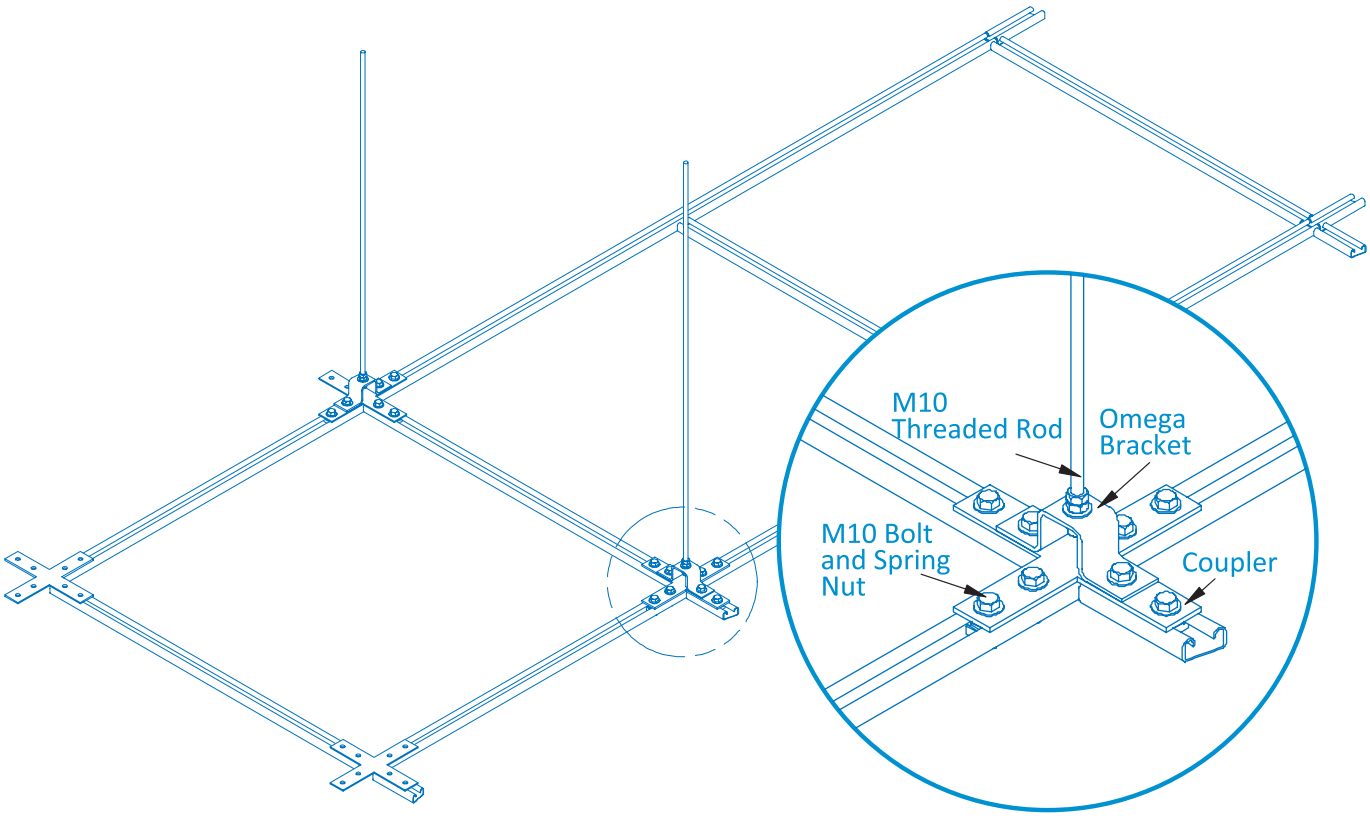
CG-100 CSS

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors. Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: 41x21x1.5mm / Slotted or plain
Threaded Rod	: M10
Bracket Thickness	: 3mm
Maximum Distance	: 50 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 40 kg/m²



STANDARD CEILING GRID SYSTEM

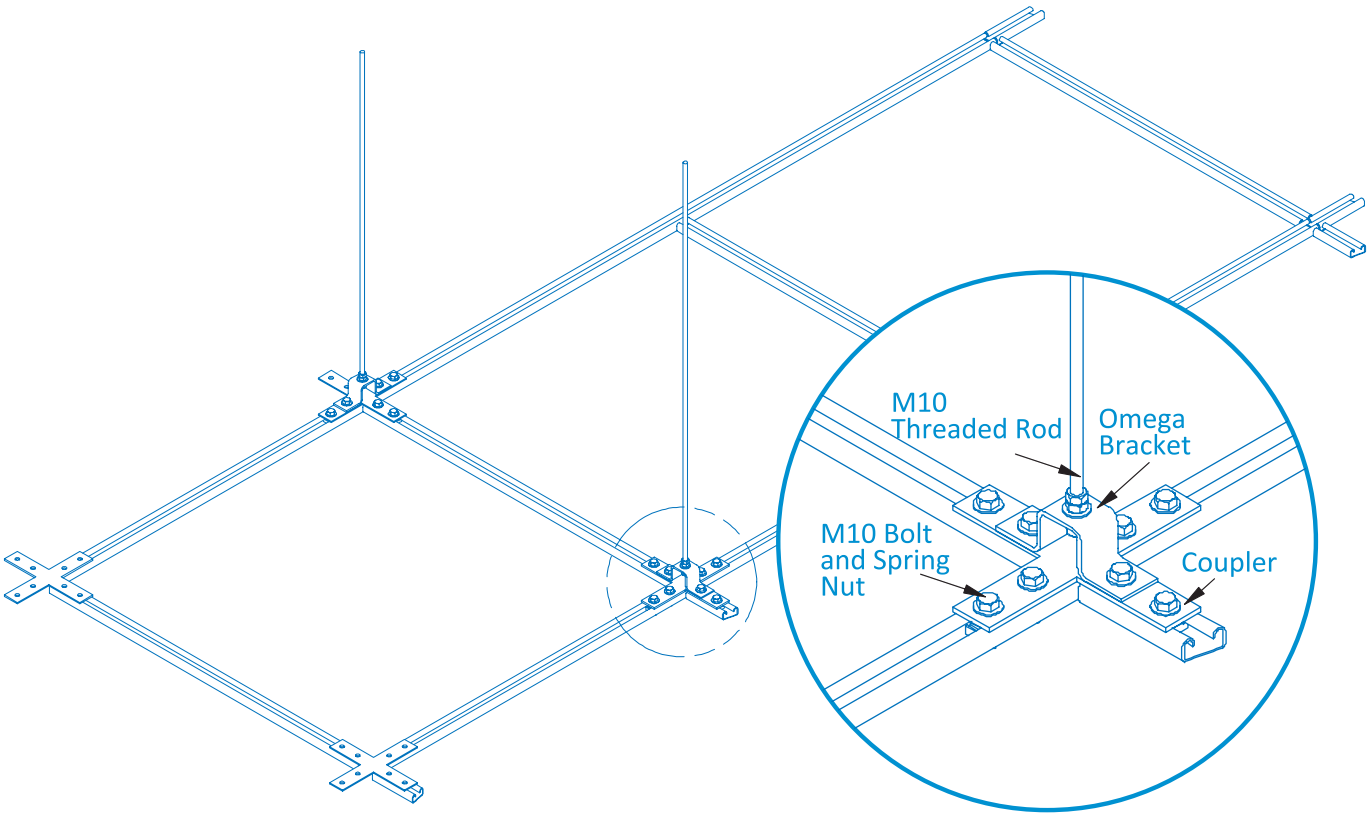
CG-120 CSS

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors. Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: 41x21x1.5mm / Slotted or plain
Threaded Rod	: M12
Bracket Thickness	: 3mm
Maximum Distance	: 50 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 65 kg/m²



ADVANCED CEILING GRID SYSTEM

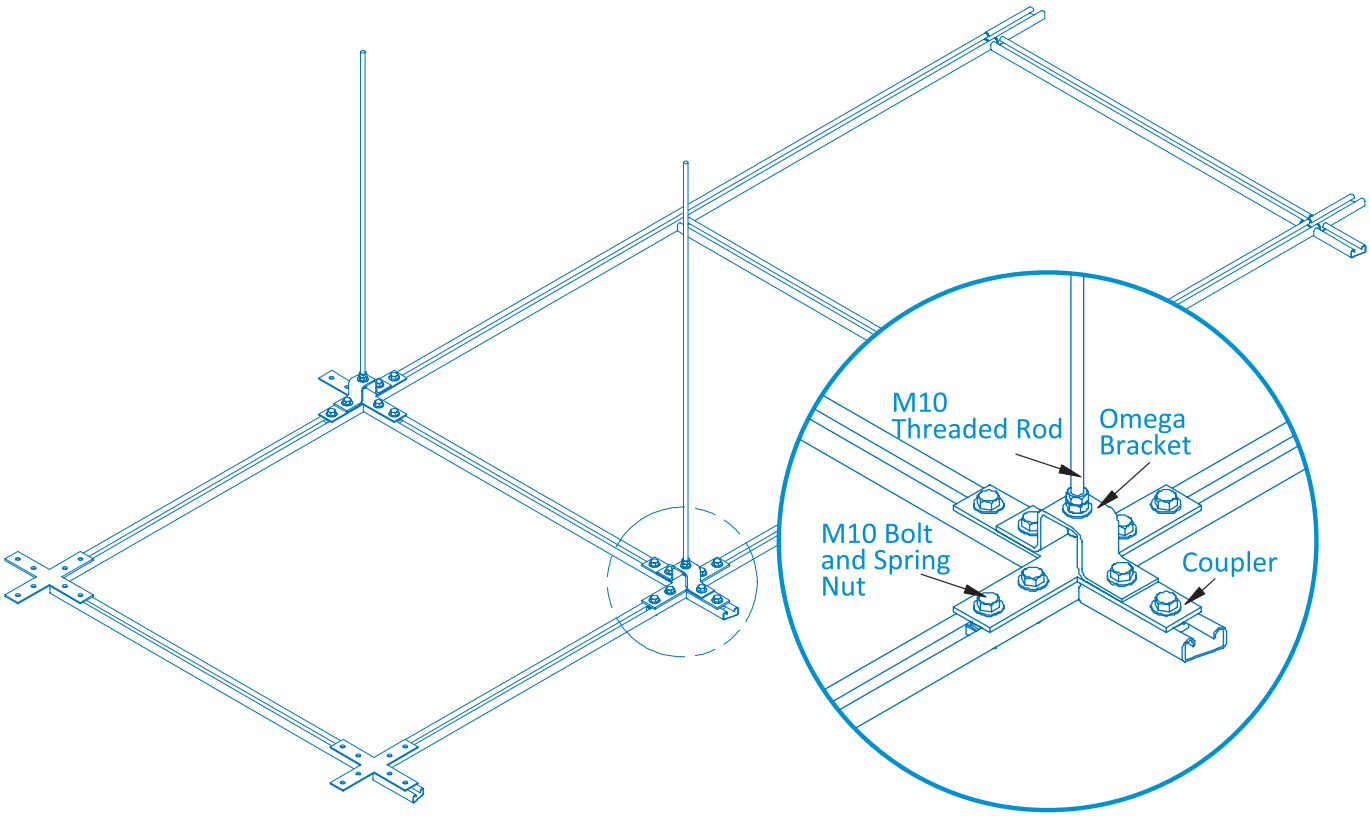
CG-1000 CAS

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors. Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: 41x21x2.0mm / Slotted or plain
Threaded Rod	: M10
Bracket Thickness	: 4mm
Maximum Distance	: 40 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 90 kg/m²



ADVANCED CEILING GRID SYSTEM

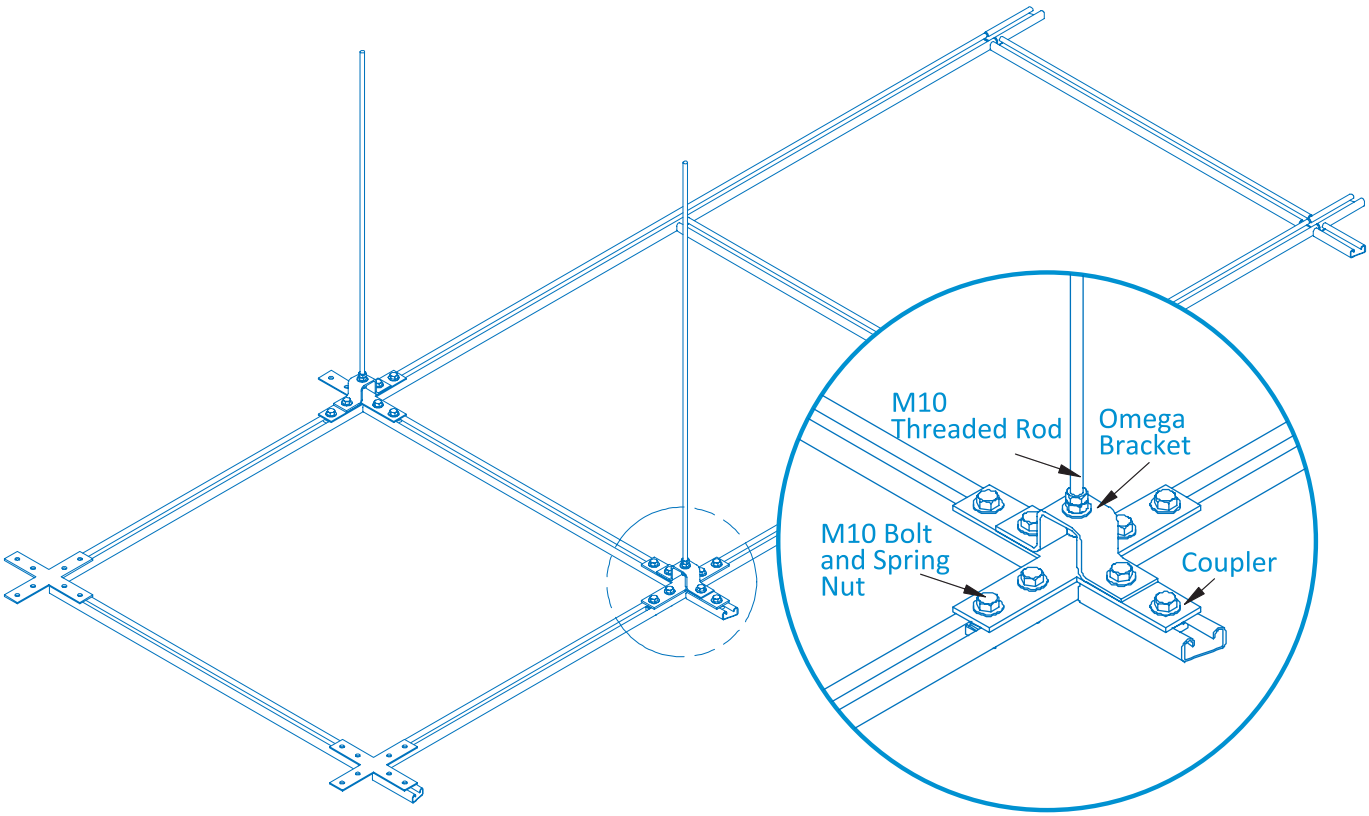
CG-1200 CAS

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors. Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: 41x21x2.5mm / Slotted or plain
Threaded Rod	: M12
Bracket Thickness	: 4mm
Maximum Distance	: 40 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 150 kg/m²



ADVANCED CEILING GRID SYSTEM

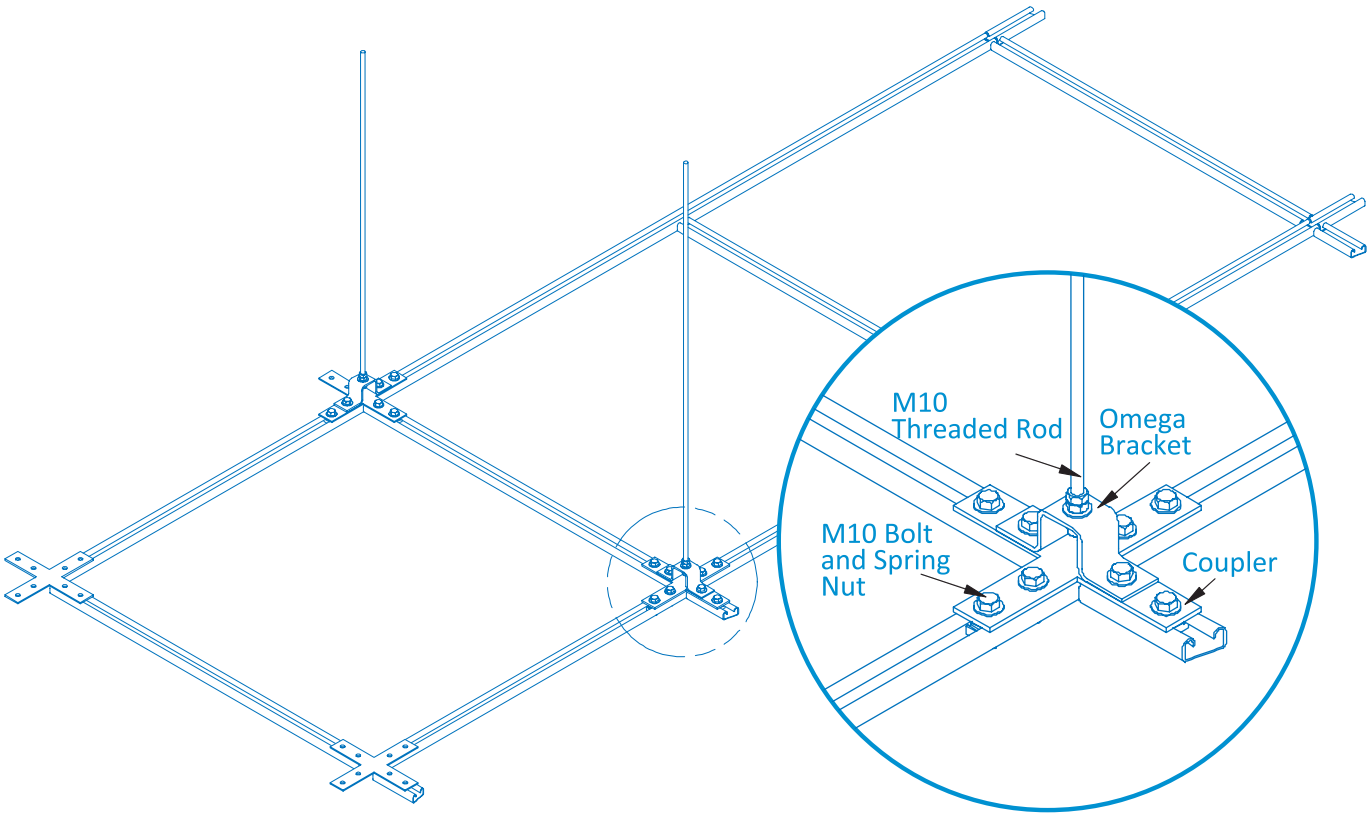
CG-1300 CAS

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors.
Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: 41x41x2mm / Slotted or plain
Threaded Rod	: M12
Bracket Thickness	: 4mm
Maximum Distance	: 50 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 245 kg/m²



EXTREME CEILING GRID SYSTEM

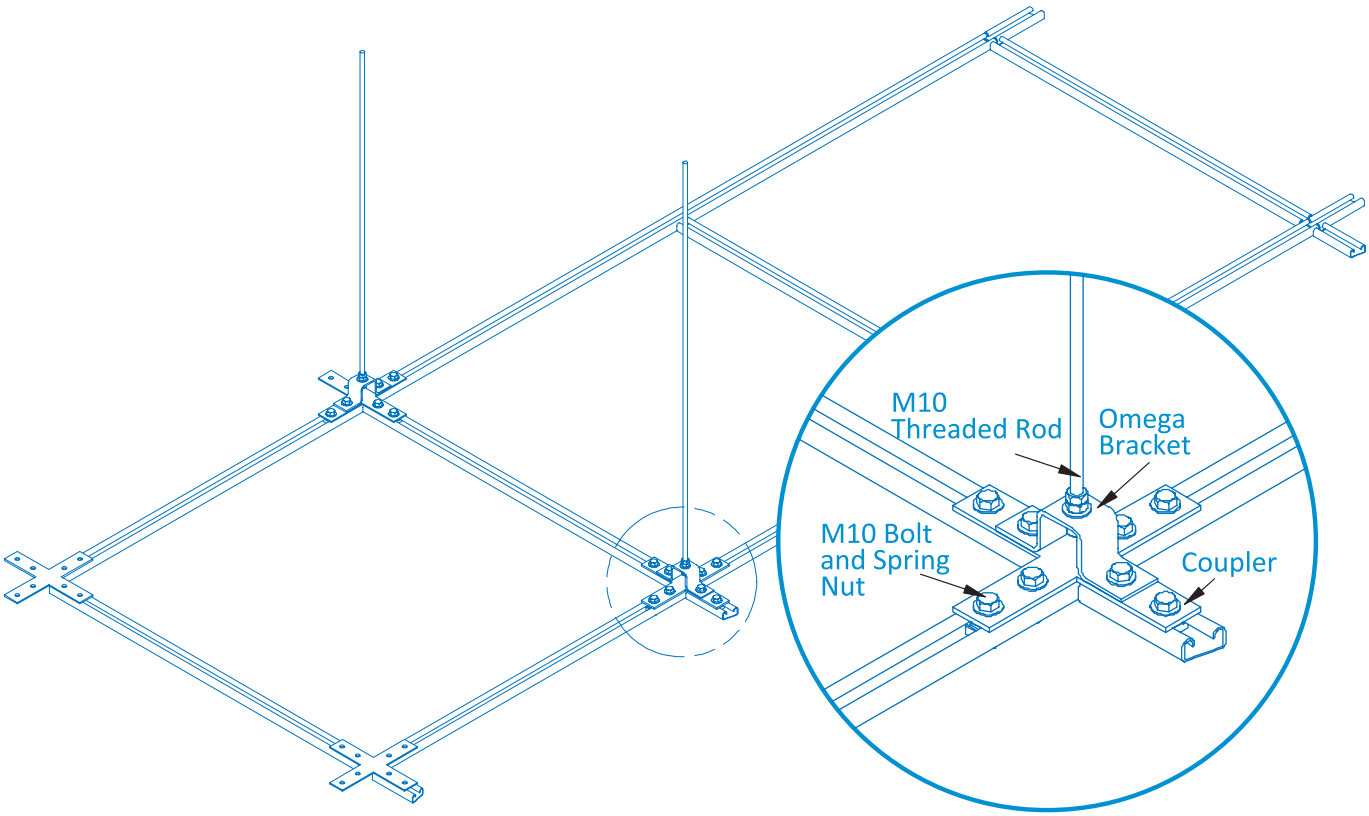
CG-2000 CES

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors.
Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: 41x21x2.5mm / Slotted or plain
Threaded Rod	: M10
Bracket Thickness	: 4mm
Maximum Distance	: 50 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 300 kg/m²



EXTREME CEILING GRID SYSTEM

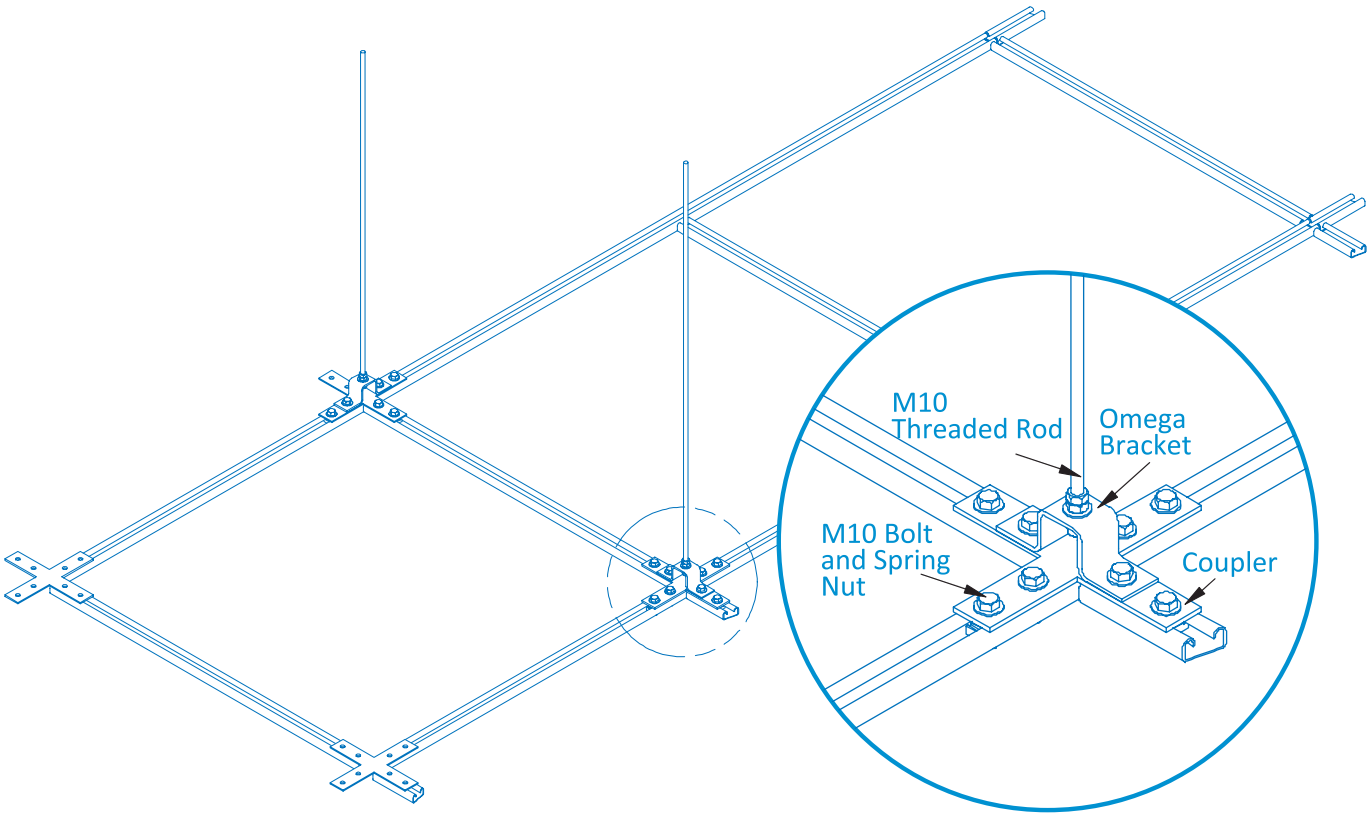
CG-2200 CES

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors.
Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: 41x41x2.5mm / Slotted or plain
Threaded Rod	: M10
Bracket Thickness	: 4mm
Maximum Distance	: 50 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 350 kg/m²



BACK TO BACK CEILING GRID SYSTEM

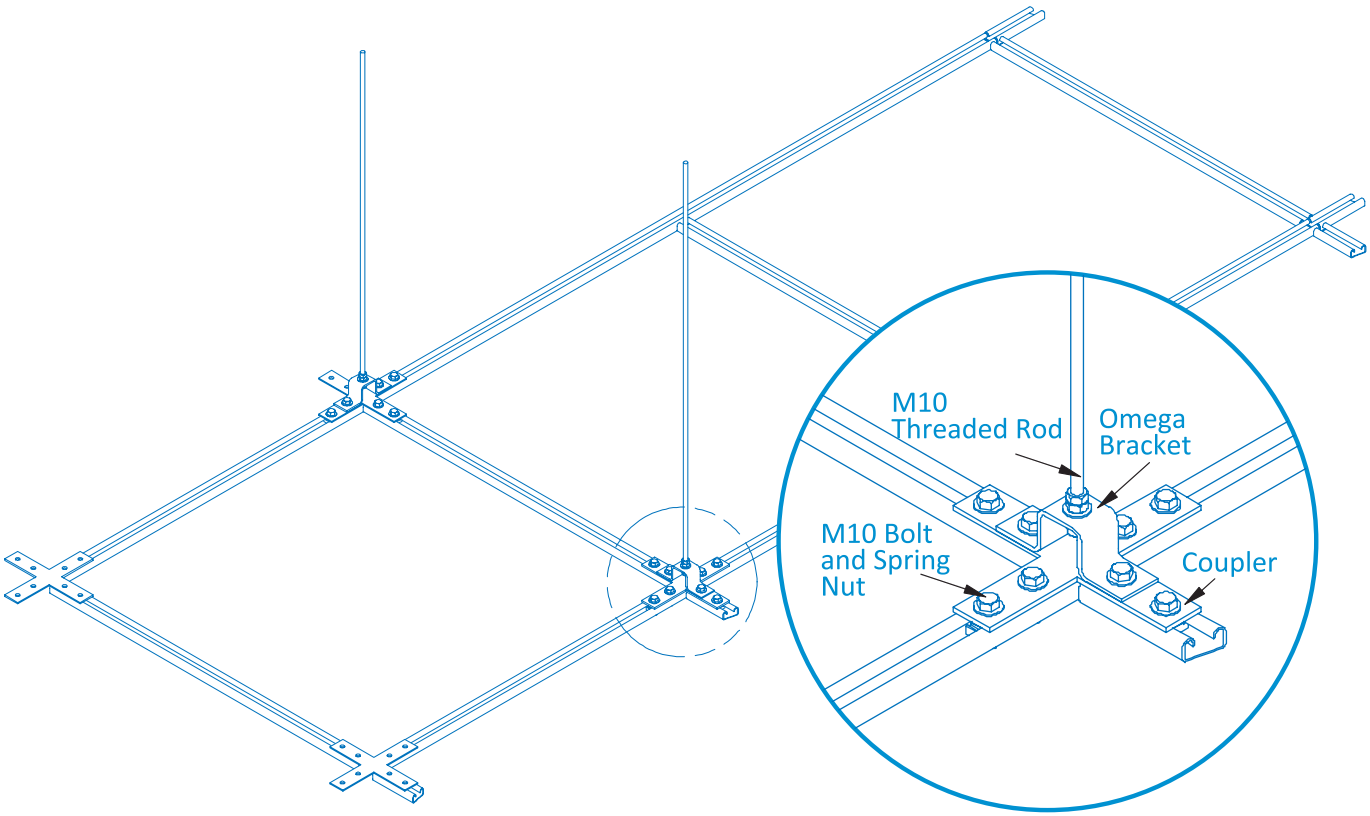
CG-3000 BES

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors.
Channel Accessories includes spring nuts and bolts.

Material	: S 235 JRG2
Finish	: Hot Dip Galvanized, Powder Coated
C-Channel Type	: Back to Back 41x21x2.5mm / Slotted or plain
Threaded Rod	: M12
Bracket Thickness	: 4mm
Maximum Distance	: 100 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

Allowable Load: 250 kg/m²



BACK TO BACK CEILING GRID SYSTEM

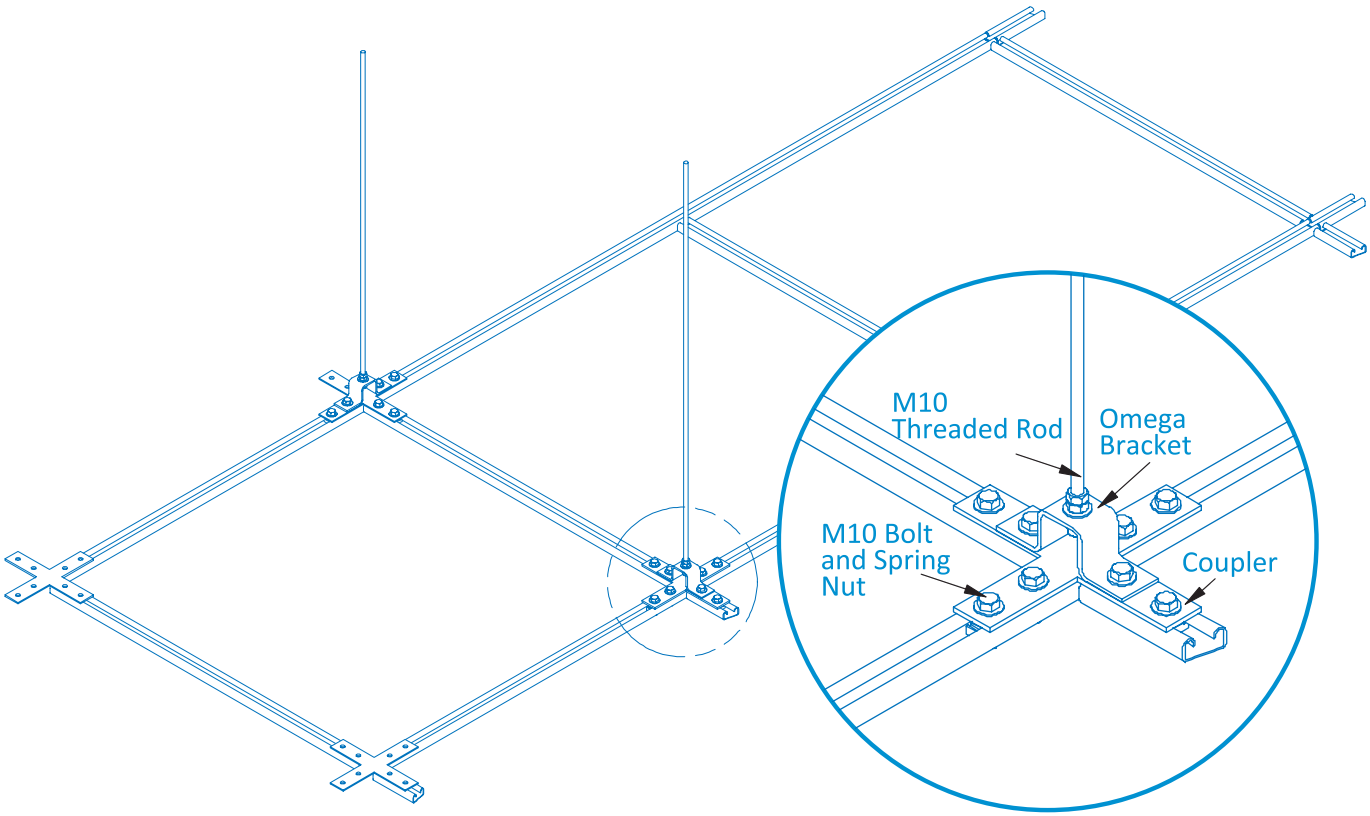
CG-3200 BES

Ceiling grid system for light duty requiremments cut into one meter sections and attached to ceiling through threaded rods and omega brackets. System assembly includes regular couplers and optional L and T bracket connectors.
Channel Accessories includes spring nuts and bolts.

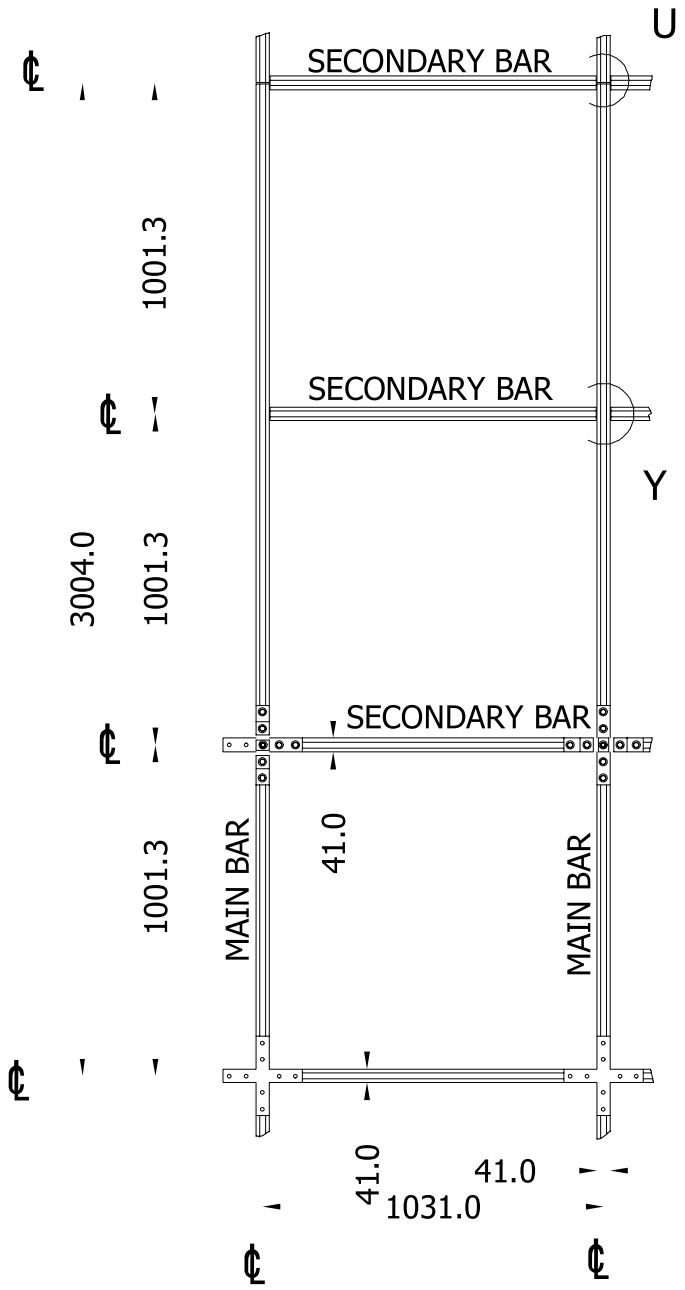
Material : S 235 JRG2
Finish : Hot Dip Galvanized, Powder Coated
C-Channel Type : Back to Back 41x41x2.5mm / Slotted or plain
Threaded Rod : M12
Bracket Thickness : 4mm
Maximum Distance: 100 cm

Accessories
- Spring Nuts
- Bolts
- Couplers
- T Bracket Connectors
- L Bracket Connectors

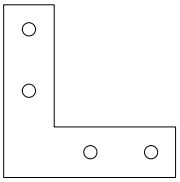
Allowable Load: 280 kg/m²



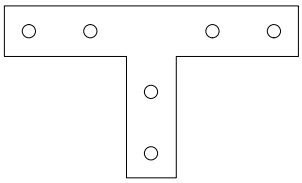
SECTION DETAILS



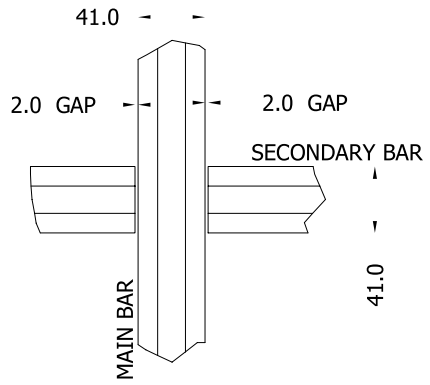
OPTIONAL BRACKET CONNECTORS



L-Bracket Connectors



T-Bracket Connectors



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