INDUX®

Strengthening Tomorrow

Product Catalogue

Table of contents

Strengthening Tomorrow

About us

Who We Are

XINDUX® is a leading provider of electrical management and customized solutions for industrial and automation applications. We are committed to providing our customers with the highest quality products and services, and we are constantly innovating to develop new and better solutions. We are also committed to sustainability, and we are working to reduce our environmental impact.

Vision

To empower the world with innovative electrical solutions that transform the way we live and work.
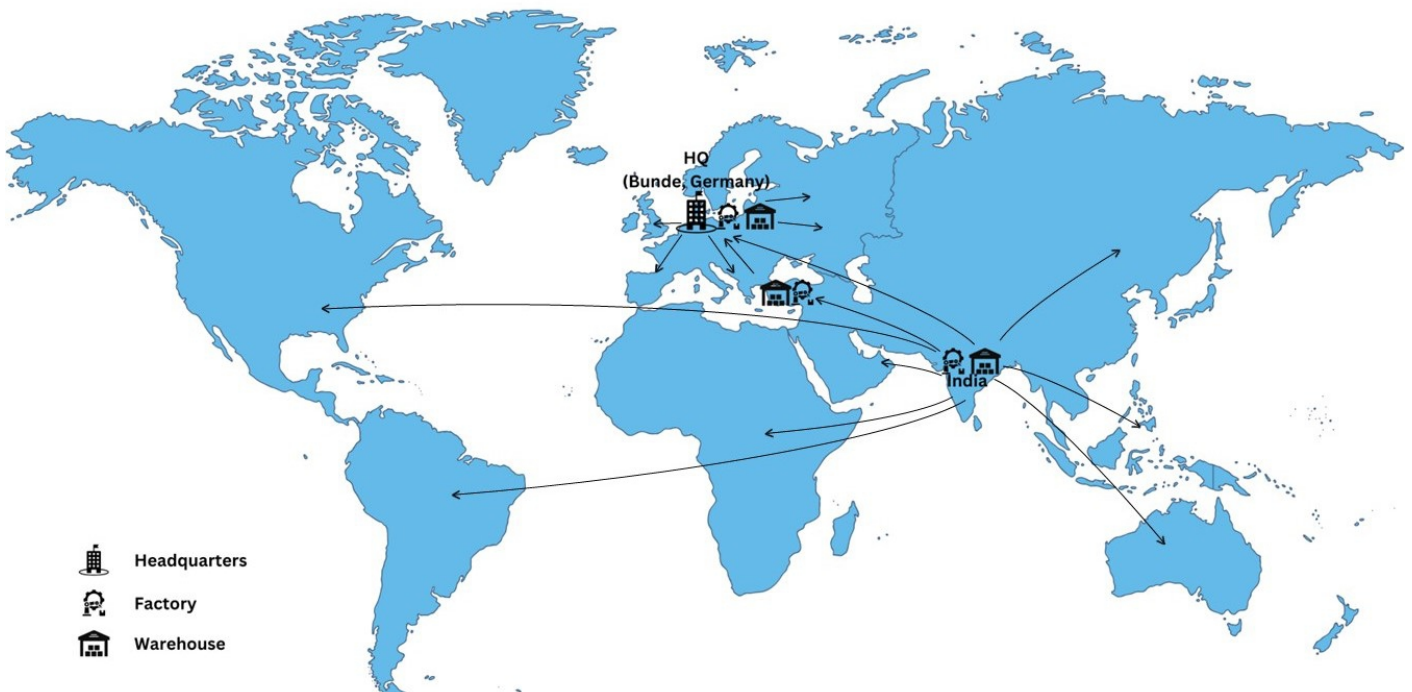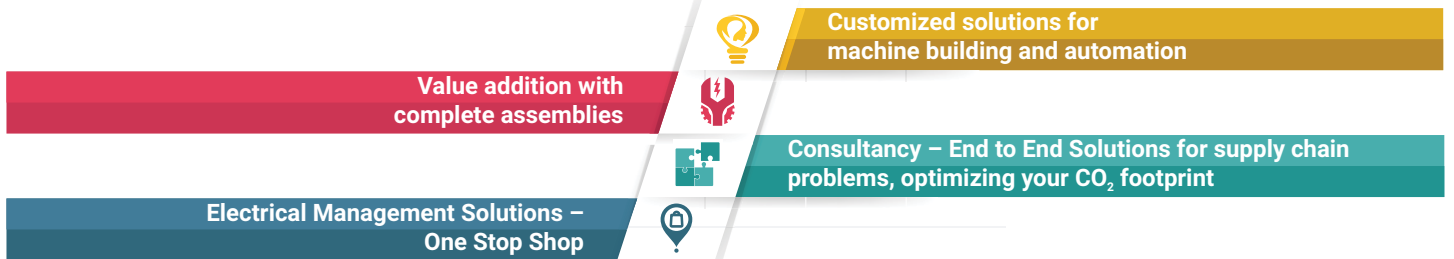
Mission

We are committed to delivering an extraordinary experience for our customers by being proactive, solution-oriented, and collaborative.

OUR VALUES

X -Xcellence in Industrial Solutions
I -Innovative Partnerships
N -Navigating Complex Challenges
D -Dedication to Service
U -Uniting for Integrity
X -Xceptional Customer Support

Our Solutions

Customized solutions for machine building and automation

Value addition with complete assemblies

Consultancy – End to End Solutions for supply chain problems, optimizing your CO_2 footprint

Electrical Management Solutions – One Stop Shop

HQ
(Bunde, Germany)

India

- Headquarters
- Factory
- Warehouse

Quality

In addition to a global presence, as a traditional German company, XINDUX® products and solutions are manufactured, complying with the most stringent quality standards. XINDUX® is committed to delivering high-quality products to their customers and our products are certified by international standards, such as ATEX, IECEx, UL, CE or RoHS.

A key element in the area of social responsibility is our commitment to conduct business in a manner that protects the natural and social environment, ensures safety at workplace, and promotes comprehensive occupational health standards among our employees.

Because of our global footprint, XINDUX® continues to learn and adapt world class QHSE standards and continues to adhere to international norms. This is done by creating awareness about quality, health and safety issues; ensuring our personnel are well-informed and up-to-date on care and protection methods as well as risk management options. XINDUX® invests in employee training and development to ensure that their staff is well-equipped to handle quality control tasks and enhances their expertise in quality assurance.

Our QHSE department ensures that all training, inspections and audits are carried out regularly and in accordance with the strictest requirements. XINDUX® has a comprehensive quality assurance process and uses state-of-the-art technology and advanced equipment for testing and monitoring to ensure consistent high quality output.

XINDUX® focuses on extra ordinary commitment towards our stake holders, both internal and external. We strive for the highest quality standards, comprehensive occupational safety as well as environmental and health protection by aligning our operational goals with our organizational goal.

Capabilities

We are pioneers in die-casting, sheet moulding, machining, stamping, turning, assemblies, and several other activities related to electrical, automation, and related industries. We have global supply chain with warehousing capabilities. We also have provisions to stock locally for a quick turnaround time.
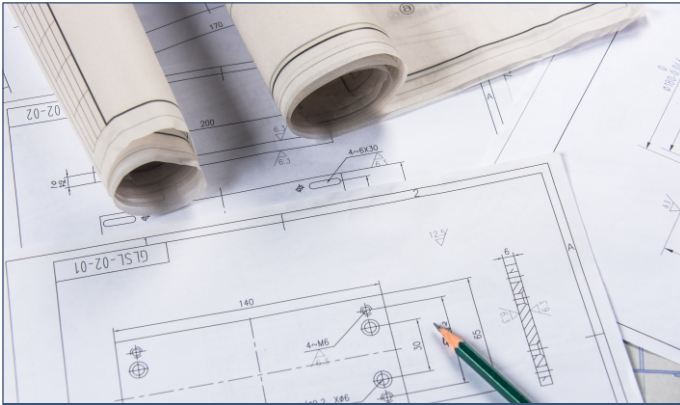
Product Design

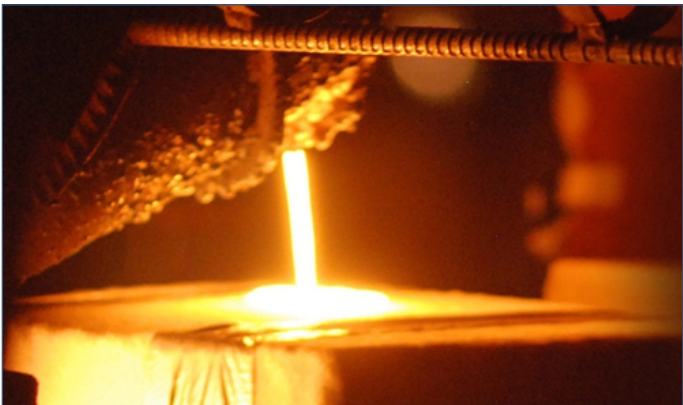**Reconstruction**

Consultancy

Supply Chain Optimization

Cost Reduction

Assemblies

Infrastructure

XINDUX® provides end-to-end electrical management and customized solutions, from ideation to implementation, including product design, reconstruction, consultancy, supply chain optimization, cost reduction, and assemblies.
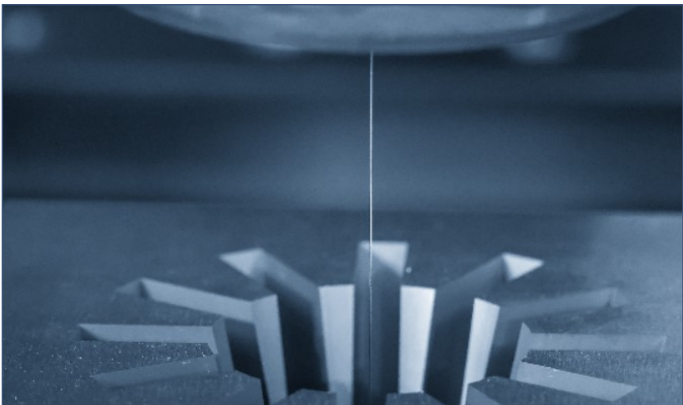
Fabrication

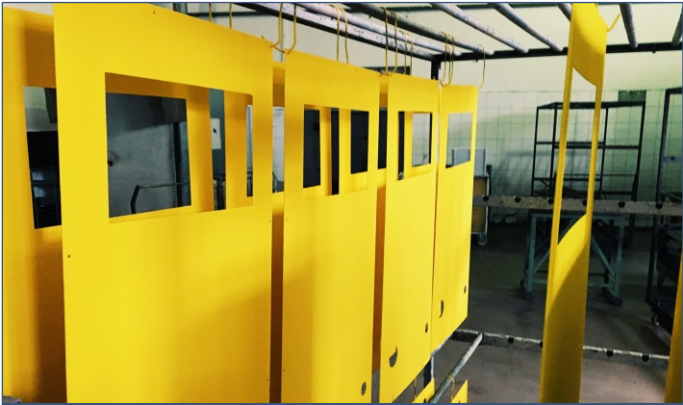**Casting**

Machining

EDM

Welding

Surface Treatment

Industries Served

MACHINE BUILDING

INSTRUMENTATION & MEASUREMENT SYSTEMS

RAILWAYS

AUTOMOTIVE

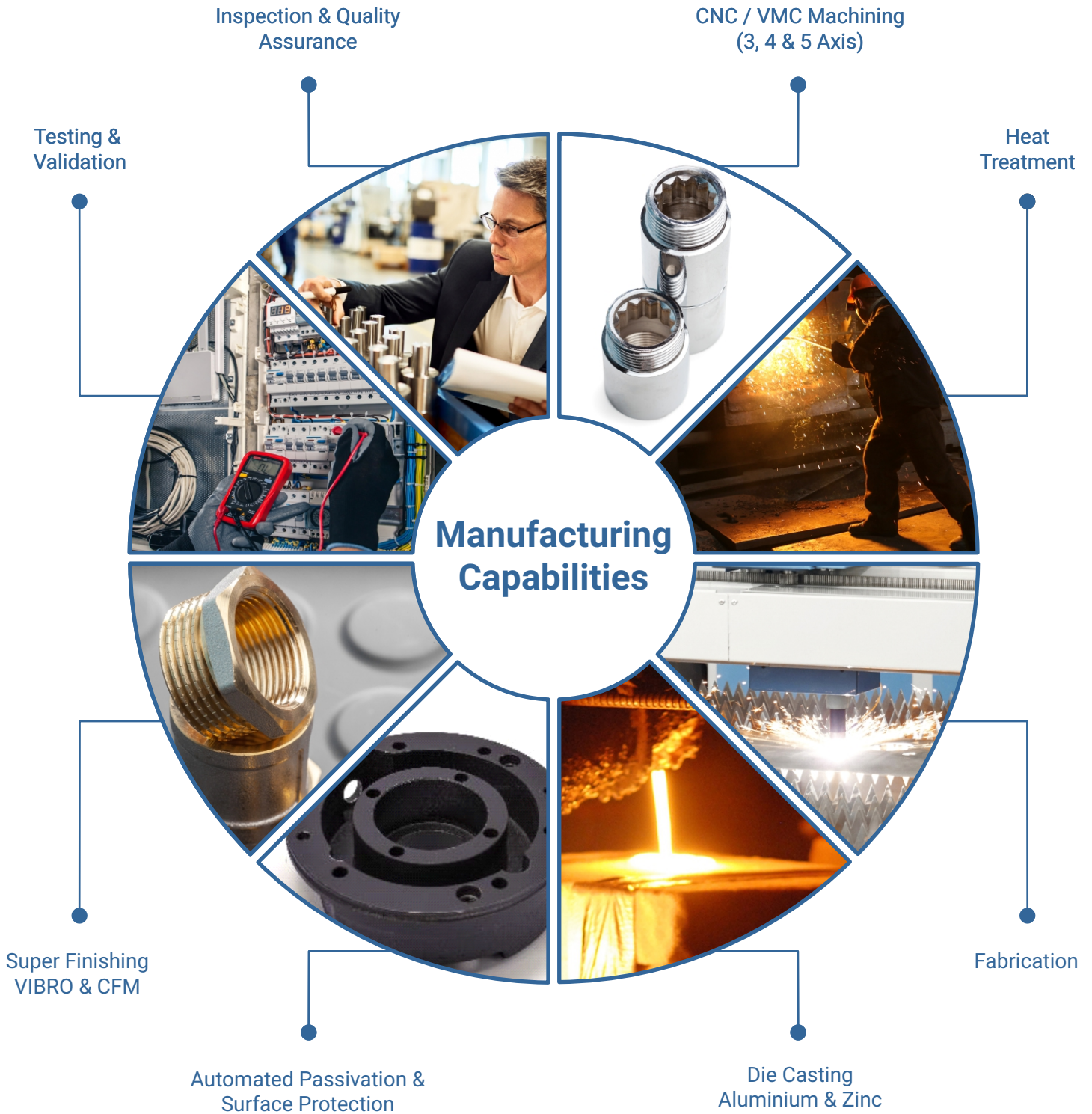**PROCESS AUTOMATION AND CONTROL**


EXPLOSION PROOF ENVIRONMENT

E-MOBILITY

RENEWABLE ENERGY

Customised Solutions

Inspection & Quality Assurance

CNC / VMC Machining (3, 4 & 5 Axis)

Testing & Validation

Heat Treatment

Manufacturing Capabilities

Super Finishing VIBRO & CFM

Fabrication

Automated Passivation & Surface Protection

Die Casting Aluminium & Zinc

Ideas to Conception & Implementation

Raw Materials Processed

- Steel
- Stainless Steel
- Brass
- Aluminium
- Copper
- Beryllium
- Zinc
- Cast Iron
- Gun Metal
- Phosphor Bronze
- Nickel
- Inconel
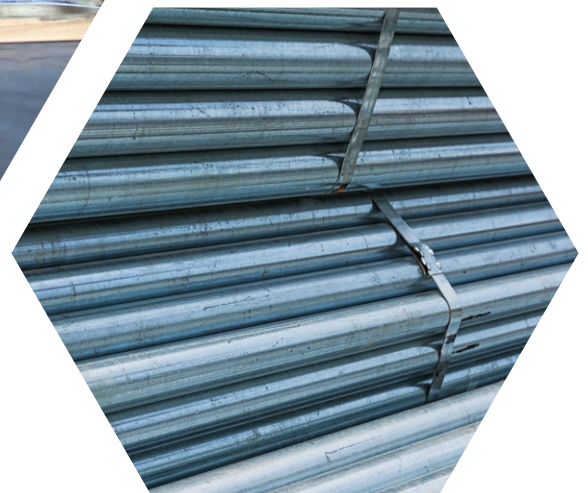
Manufacturing Equipment

- Single spindle CNC turning
- VMC with 5 axis & HMC with pallet changers
- Multi spindle (6-8) machine
- CNC cylindrical grinding
- Integrated turning and milling centers (Turn O Mill)
- Rotary transfer machine with 8 operations
- Conventional set up with: Lathe, Milling, Drilling, Grinding, Thread rolling etc.
- Automated in-house component cleaning

Secondary Processes

- Assembly and sub assemblies
- Acid- Alkaline cleaning bath
- Circular saw Cutting machine
- Drill tap Centers Super Finishing: Lapping machine, Buffing, Burnishing, Honing etc.
- Broaching machine
- Shot blasting & Deflashing, Vibratory deburring and finishing machine
- Gun drilling
- Welding and Brazing
- Liquid & Gas Nitriding

Treatment Facilities

- Heat Treatment:
    - Vacuum hardening with sub zero treatment
    - Nitro carburizing
    - Quench Polish Quench (QPQ) process
- Surface Treatment:
    - Anodizing
    - Mech. Zinc plating
    - Geomet
    - Dacrometing
    - Hard chrome plating
    - Liquid painting phosphating
    - Powder Coating
    - Zinc Plating
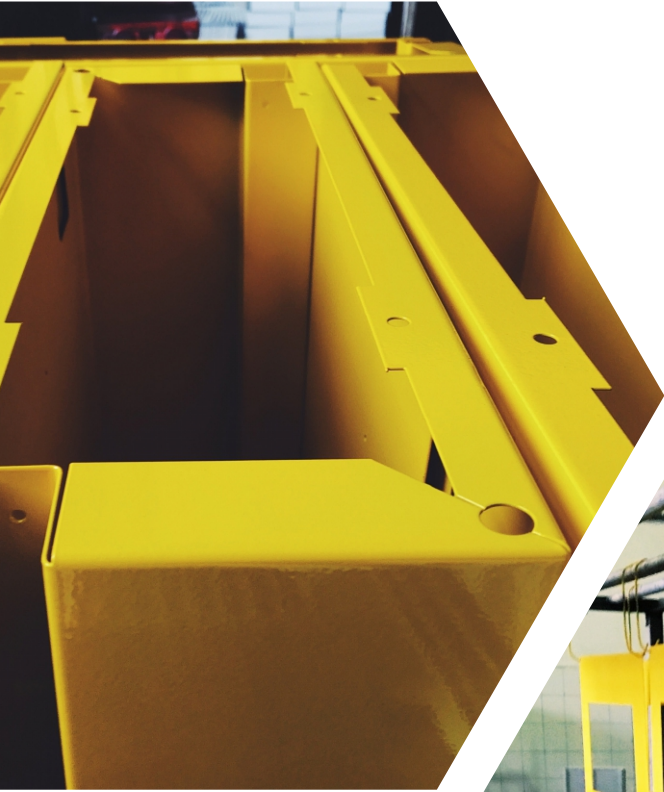
Production Capabilities

CNC MACHINING			
Machine Name	CAPACITY		No. of machines
	Chuck Size in mm	Between Centre in mm	
CNC Turning	135	200	8
CNC Turning	165	300	4
CNC Turning	165	200	5
CNC Turning	200	200	4
CNC Turning	225	200	1
CNC Turning	250	400	2
CNC Turning	250	450	2
CNC Turning	300	400	2
CNC Turning	350	450	2
CNC Sliding Head	35	-	-

VMC MACHINING			
Machine Name	CAPACITY		No. of machines
	ATC	Working Size in mm	
VMC Three Axis	12	300X300X300	4
VMC Three Axis	20	500X400X400	2
VMC Three Axis	30	800x500x500	1
VMC Three Axis	12	400x400x200	2
VMC Four Axis	24	650x400x450	1
HMC Four Axis	60	400X400X400	1
HMC Four Axis	30	560X560X560	1
VMC Five Axis	24	600X500X500	2
VMC Five Axis	30	500X450X400	1

CONVENTIONAL MACHINING		
Machine Name	CAPACITY	No. of machines
	Collet size in mm	
Traub Automat	25	75
Traub Automat	32	15
Traub Automat	60	5
Capstan Lathe	32	20
Sliding Head Automat	12	15
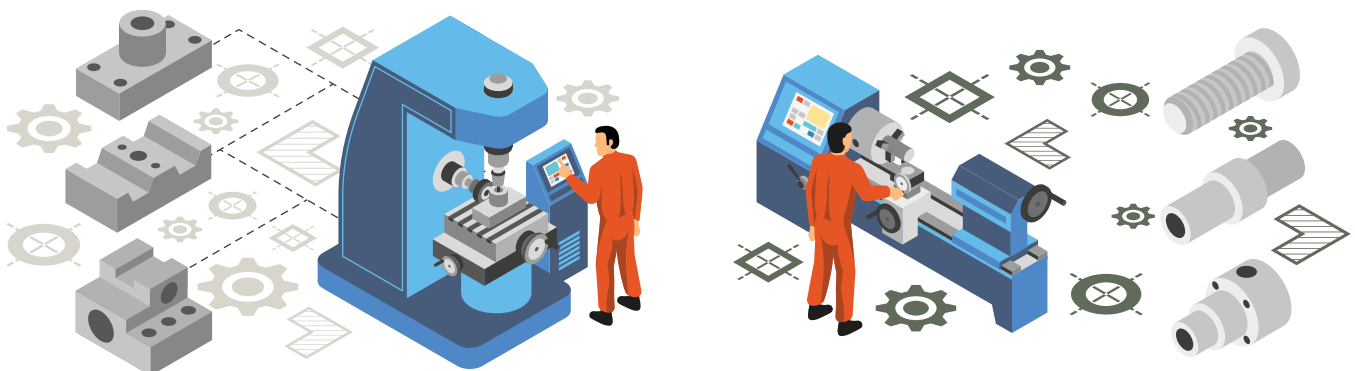
Inspection & QA

- 3D Vision Measurement System (VMS)
- Coordinate Measurement Machine (CMM)
- Surface roughness tester
- Hardness tester
- Coating thickness tester
- Tensile testing ma
- chineFloating carriage
- Air gauge
- Standard PIN set from 0.5 to 20 mm in least count of 0.01 mm
- Slip gauge sets
- Digimatic height gauge
- Special Purpose gauges

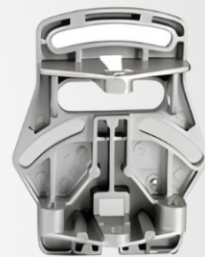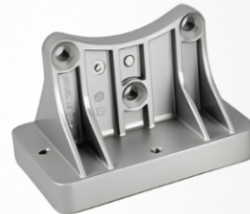# Machined & Turned Parts

XINDUX® has capabilities to conceptualize exact specifications of the customers and translate it into a product. We are flexible in taking a small batch and ensure we deliver the products with a quick turnaround time.

Die Cast Parts

XINDUX® has developed expertise across various forms of castings across a wide array of metals. It can also support tool design in addition to manufacturing. Some of the parts can be powder coated depending upon the application. The parts are used in various applications like electrical, instrumentation, motors, appliances, power tools, etc.

Industries We Serve

Sensor

Weight & Measurement

Industrial Gas Meters

Hygiene Applications

Medical Equipment

Food Equipment Manufacturer
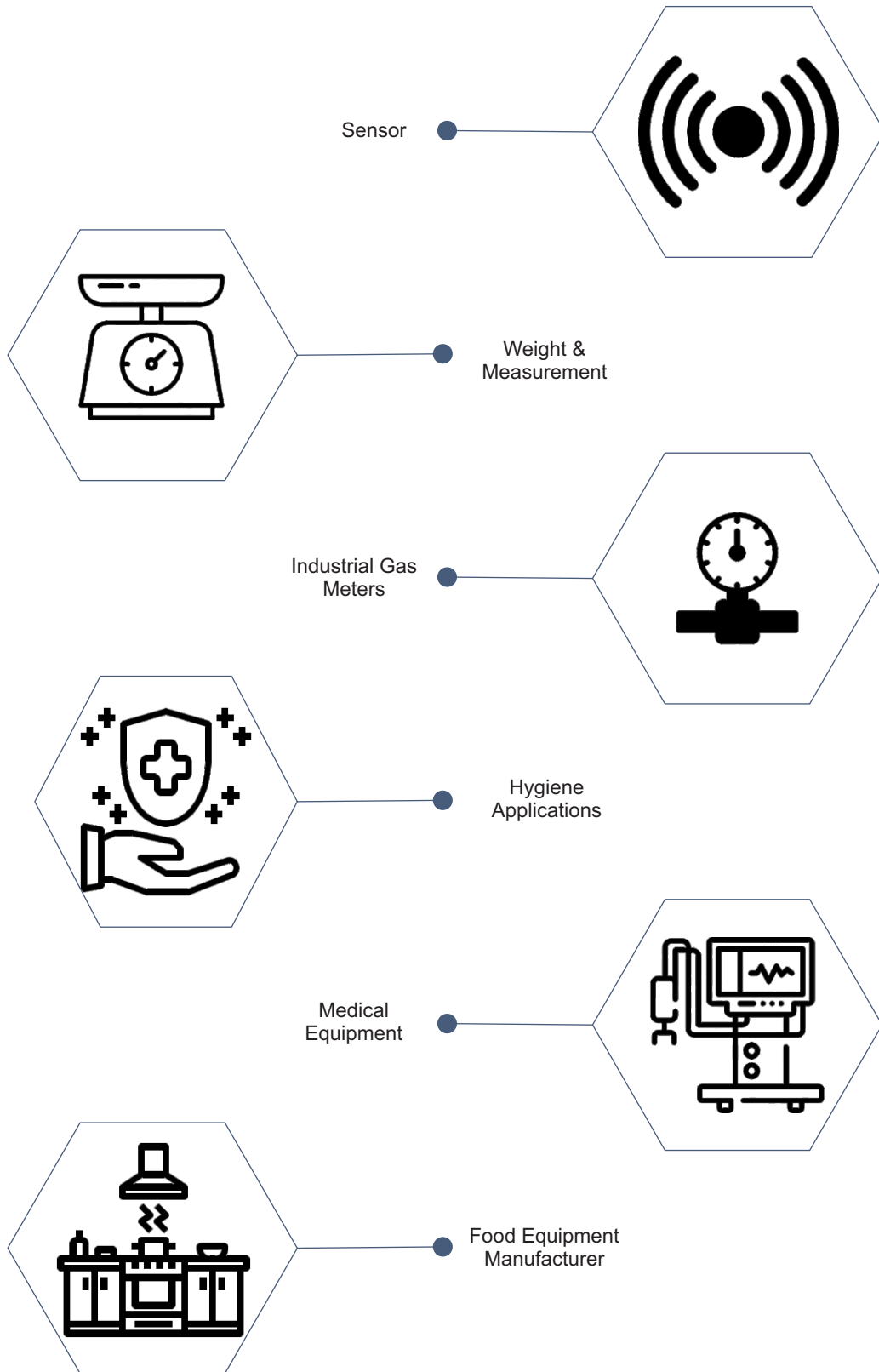
Enclosures

XINDUX® offers industrial as well as explosion proof enclosures made of different materials aluminum, polyester, ABS, polycarbonate, stainless steel, and sheet steel and protects your installations from dust and water with a protection class up to IP69

Aluminum Enclosures

Stainless Steel Enclosures V2A

Polyester Enclosures

Stainless Steel Enclosures V4A

Thermoplastic Enclosures
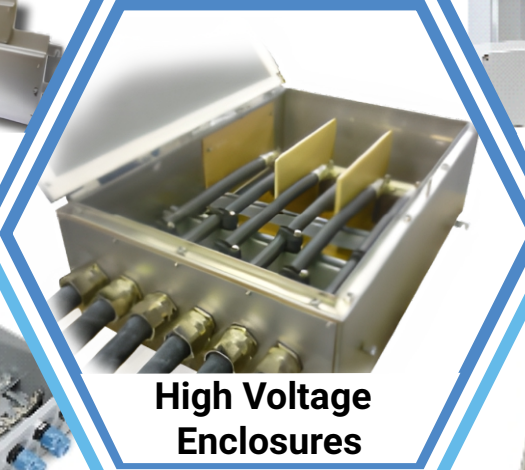
High Voltage Enclosures

EX Aluminum Enclosures

Sheet Steel Enclosures
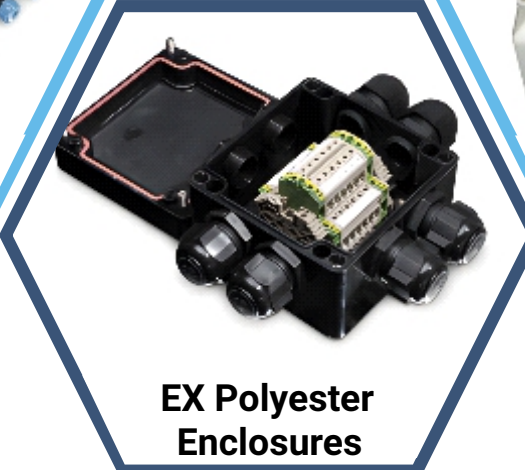
EX Polyester Enclosures

Aluminum Enclosure

Technical Characteristics:

- Aluminum alloy AlSi 12 according to DIN EN 1706
- High corrosion resistance
- Protection classes IP66 / IP67 / IP68 / IP69 according to DIN EN 60529
- NEMA 4X and 6P
- Impact resistance Ik09
- Captive cover screws made of stainless steel 1.4301 (A2)
- Seal made of neoprene (-40°C to + 110°C) or optional seal made of silicone (-50°C to + 135°C)
- EMC housing with conductive seal on request
- Fastening thread M4 / M6 in the base bars to accommodate e.g. circuit boards
- Salt spray test according to DIN EN 9227 completed
- Shock and vibration test completed successfully
- For accessories refer page no. 21
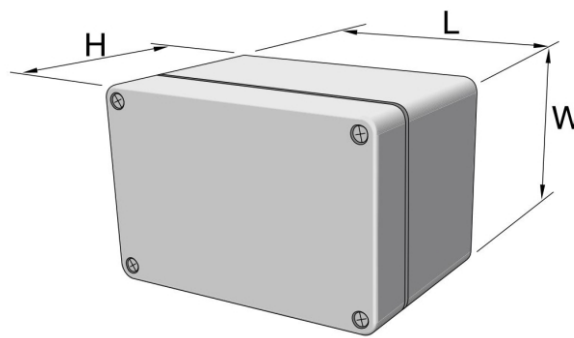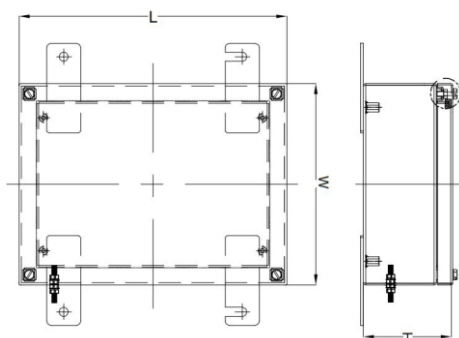
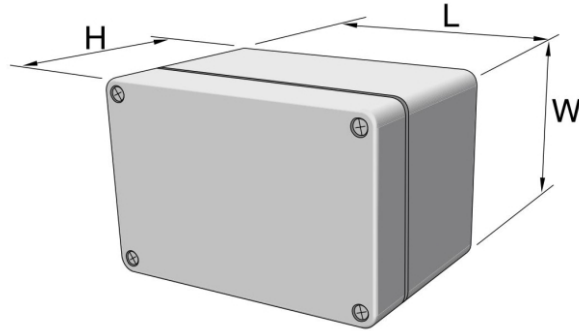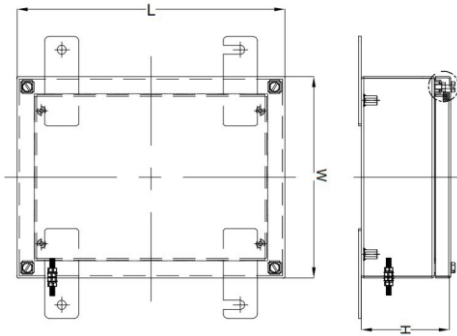| Product Code	Length (mm)	Width (mm)	Height (mm)	Product Code	Length (mm)	Width (mm)	Height (mm)
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GBA000586434	58	64	34	GBA022012091	220	120	91
GBA000758057	75	80	57	GBA002508057	250	80	57
GBA000986434	98	64	34	GBA026016090	260	160	90
GBA010010081	100	100	81	GBA280180100	280	180	100
GBA012212081	122	120	81	GBA280230110	280	230	110
GBA012212090	122	120	91	GBA330230111	330	230	111
GBA001258057	125	80	57	GBA330230180	330	230	180
GBA014014091	140	140	91	GBA036012080	360	120	80
GBA001506434	150	64	34	GBA036016090	360	160	90
GBA016010081	160	100	81	GBA400230110	400	230	110
GBA016016091	160	160	91	GBA400230180	400	230	180
GBA001758057	175	80	57	GBA400310110	400	310	110
GBA180180100	180	180	100	GBA400310180	400	310	180
GBA020010080	200	100	80	GBA056016090	560	160	90
GBA020014090	200	140	90	GBA600230110	600	230	110
GBA200230113	200	230	113	GBA600310110	600	310	110
GBA200230180	200	230	180	GBA600310180	600	310	180

Polyester Enclosures

Technical characteristics

- Glass fiber Reinforced Polyester in the colors RAL7000 (gray) or RAL9011 (black)
- Protection class IP66, IP67, IP68 according to DIN EN 60529
- Shock resistance: 7 joules according to EN 60079-0
- Surface resistance: 10^{12} Ohm / Black: $<10^9$ Ohm
- Flammability: V0, self-extinguishing, UL94
- Dielectric strength: 18kV / mm
- Temperature range: -60°C to + 165°C
- Captive cover screws made of stainless steel 1.4301 (A2)
- Neoprene, foamed PUR seal or optional silicone round cord
- Fastening thread M4 / M6 in the base bars to accommodate e.g. Circuit boards or a mounting plate
- For accessories refer page no. 21

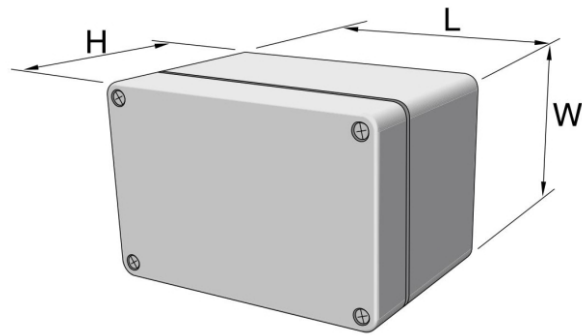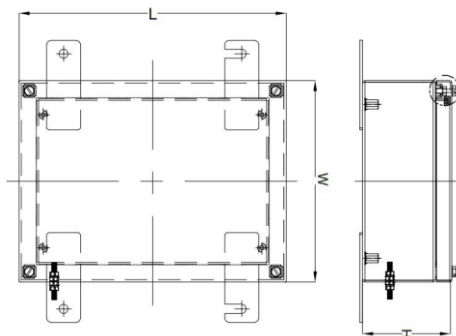| Product Code	Length (mm)	Width (mm)	Height (mm)	Product Code	Length (mm)	Width (mm)	Height (mm)
GBP000807555	80	75	55	GBP200250120	200	250	120
GBP000807575	80	75	75	GBP255250120	255	250	120
GBP001107555	110	75	55	GBP255250160	255	250	160
GBP001107575	110	75	75	GBP026016090	260	160	90
GBP012212090	100	120	90	GBP036016090	360	160	90
GBP122120120	122	120	120	GBP400250120	400	250	120
GBP001607555	122	75	55	GBP400250160	400	250	160
GBP001607575	160	75	75	GBP400405120	400	405	120
GBP016016090	160	160	90	GBP400405165	400	405	165
GBP160160120	160	160	120	GBP400405200	400	405	200
GBP001907555	190	75	55	GBP056016090	560	160	90
GBP001907575	190	75	75	GBP600250120	600	250	120
GBP022012090	220	120	90	GBP600250160	600	250	160

Stainless Steel Enclosures V2A

Technical characteristics:

- Stainless steel material 1.4301 / 304
- Material thickness: 1.25mm or 1.5mm
- Sanded surface (grain: 240)
- Other surfaces on request
- Protection classes IP66 / IP67 / IP68 / IP69 according to DIN EN 60529
- Lid seal made of silicone
- captive cover screws made of stainless steel 1.4301 (A2)
- Temperature range: -40°C to + 80°C
- Available as an explosion-proof variant
- Threaded holes on the bottom of the case for the installation of e.g. Mounting rails or boards
- For accessories refer page no. 21
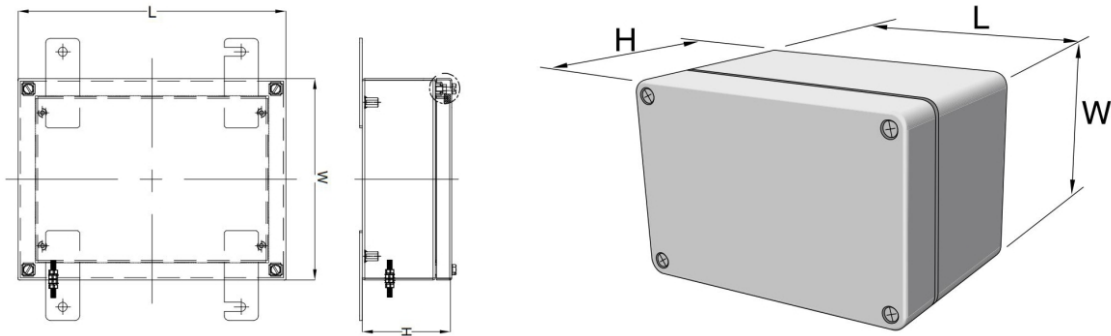
Product Code	Length (mm)	Width (mm)	Height (mm)	Product Code	Length (mm)	Width (mm)	Height (mm)
GBS010010061	100	100	61	GBS300300121	300	300	121
GBS015010061	150	100	61	GBS300300161	300	300	161
GBS015015081	150	150	81	GBS380380161	380	380	161
GBS020010061	200	100	61	GBS040015081	400	150	81
GBS020020081	200	200	81	GBS400200121	400	200	121
GBS200200121	200	200	121	GBS400300161	400	300	161
GBS030015081	300	150	81	GBS500300161	500	300	161
GBS030020081	300	200	81	GBS500400161	500	400	161
GBS300200121	300	200	121	GBS600200121	600	200	121

Stainless Steel Enclosures V4A

Technical characteristics:

- Stainless steel material 1.4404 / 316L
- Material thickness: 1.5mm or 2.0mm
- Surface orbital (standard)
- On request surface electro polished, glass bead blasted or lacquered / coated
- Protection class IP66, IP67, IP68 according to DIN EN 60529 (IP66 = standard)
- EX housing: available as empty or terminal enclosures up to 4 flange plates
- Internal / external earthing spigot M10
- Welded wall mounting brackets
- Heavy-duty hinges from size GB4S0168218130
- Padlock door lock for cabinets with hinged doors
- Fire protection enclosures up to 970°C
- Ex high voltage enclosures up to 15KV
- Special sizes possible on request
- For accessories refer page no. 21

Product Code	Length (mm)	Width (mm)	Height (mm)	Product Code	Length (mm)	Width (mm)	Height (mm)
GB4S0011011065	110	110	65	GB4S0480480150	480	480	150
GB4S0014314393	143	143	93	GB4S0480480203	480	480	203
GB4S0015015090	150	150	90	GB4S0527427156	527	427	156
GB4S0190190100	190	190	100	GB4S0527527156	527	527	156
GB4S0193193186	193	193	186	GB4S0527527210	527	527	210
GB4S0168218130	168	218	130	GB4S0550360150	550	360	150
GB4S0168218210	168	218	210	GB4S0550360200	550	360	200
GB4S0218377156	218	377	156	GB4S0600600210	600	600	210
GB4S0218377210	218	377	210	GB4S0762508150	762	508	150
GB4S0229155130	229	155	130	GB4S0762508200	762	508	200
GB4S0260265150	260	265	150	GB4S0827577156	827	577	156
GB4S0260265200	260	265	200	GB4S0827577210	827	577	210
GB4S0306306150	306	306	150	GB4S0827577300	827	577	300
GB4S0306306200	306	306	200	GB4S0914610203	914	610	203
GB4S0350265150	350	265	150	GB4S0977677156	977	677	156
GB4S0350265200	350	265	200	GB4S0977677211	977	677	211
GB4S0377377156	377	377	156	GB4S0977677300	977	677	300
GB4S0377377210	377	377	210	GB4S1177777156	1177	777	156
GB4S0458388150	458	388	150	GB4S1177777210	1177	777	210
GB4S0458388200	458	388	200	GB4S1177777300	1177	777	300

High Voltage Enclosures

Technical characteristics & accessories:

- Stainless steel material 1.4404 / 316L
- Material thickness 2mm or 3mm depending on the size
- Surface orbital
- On request surface electropolished, sandblasted or painted according to customer specifications
- Protection class IP66 as standard, IP67 / IP68 on request
- According to ATEX 2014/34 / EU directive Exe, ExnA certification and a temperature classification from T4 to T6
- Temperature ranges:
  - o-20°C to +80°C with neoprene seal
  - o-55°C to +120°C with silicone seal
- Ambient temperature: -50ºC to + 55°C
- Flange plates in 3mm to 6mm material thickness on the bottom and / or top of the housing
- Internal / external earthing spigot M10
- Welded wall mounting brackets
- Heavy duty hinges
- Anti-condensation heaters
- Ventilation elements
- Separate compartment for fiber optic cables
- Air purge (Exp)
- Special sizes possible on request
- For accessories refer page no. 21
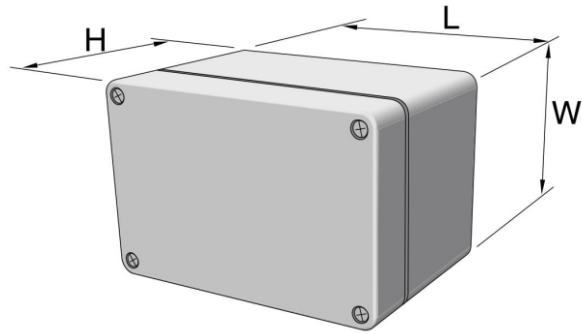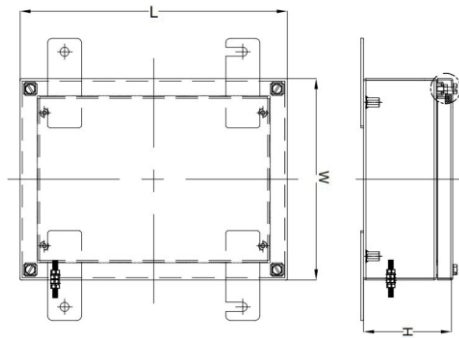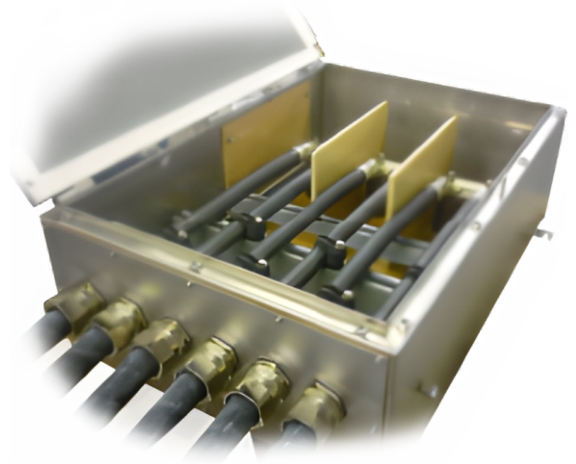
Length (mm)	Width (mm)	Height (mm)	Current	Max cable size	Number of cables	Number of cables cores
950	650	300	790A	630	3	6
977	677	300	790A	630	3	6
977	677	300	790A	630	4	8
1250	800	300	900A	630	3	6
1250	800	300	900A	630	4	8
1250	1250	300	1090A	800	3	6
1250	1250	300	1090A	800	4	8
2000	2000	600	1090A	800	3	6
2000	2000	600	1090A	800	4	8

Thermoplastic Enclosures

Technical Specification:
- GBM (polycarbonate) and GBT (ABS) are available
- Standard color: RAL7035 (light gray)
- Special colors by coloring the material are possible on request for large quantities
- Foamed PUR seal, neoprene or silicone round cord
- Protection class of the housing IP65 according to DIN EN 60529
- Captive lid quick-release screws made of stainless steel
- Temperature ranges:
- o-40°C to + 80°C (GBT) / -40°C to + 120°C (GBM)
- Direct mounting option through cams in the bottom of the housing
- For accessories refer page no. 21
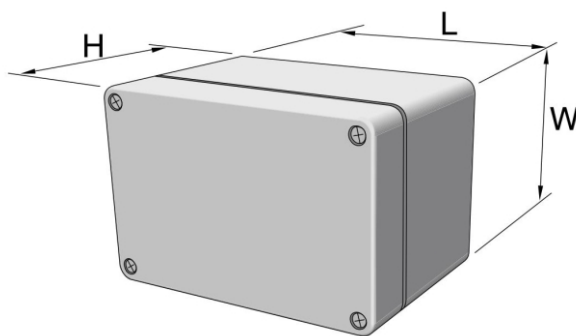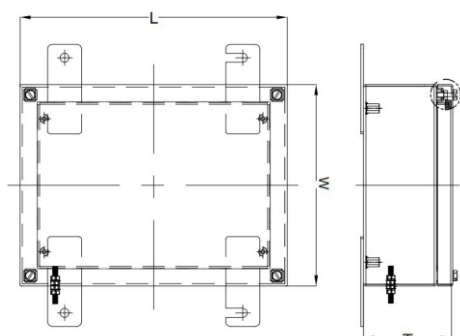
Product Code Personal computer	Product Code Section	Length (mm)	Width (mm)	Height (mm)	Product Code Personal computer	Product Code Section	Length (mm)	Width (mm)	Height (mm)
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GBM000655035	GBT000655035	65	55	35	GBM020012090	GBT020012090	200	120	90
GBM000828055	GBT000828055	82	50	55	GBM020015075	GBT020015075	200	150	75
GBM000828085	GBT000828085	82	80	85	GBM240120100	GBT240120100	240	120	100
GBM001156540	GBT001156540	115	65	40	GBM024016090	GBT024016090	240	160	90
GBM001208055	GBT001208055	120	80	55	GBM240160120	GBT240160120	240	160	120
GBM001208085	GBT001208085	120	80	85	GBM025016090	GBT025016090	250	160	90
GBM012212055	GBT012212055	122	120	55	GBM250160120	GBT250160120	250	160	120
GBM012212085	GBT012212085	122	120	85	GBM030023086	GBT030023086	300	230	86
GBM001608055	GBT001608055	160	80	55	GBM300230110	GBT300230110	300	230	110
GBM001608085	GBT001608085	160	80	85	GBM360200150	GBT360200150	360	200	150
GBM016012090	GBT016012090	160	120	90					

Ex Aluminium Enclosures

Technical characteristics:

- Powder-coated surface in RAL7001
- Protection class IP66 according to DIN EN 60529
- Empty housing with component certificate "U"
- Terminal housing with device certificate "X"
- Suitable for Ex zones: 1/2/21/22
- Available as Ex e (increased safety) or as Ex i (intrinsic safety) aluminum housing
- ATEX or IECEx certification
- Impact resistance: > 7 joules
- Operating temperature: max. -55°C to + 135°C
- For accessories refer page no. 21
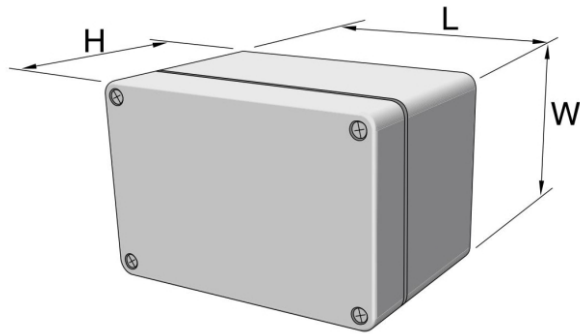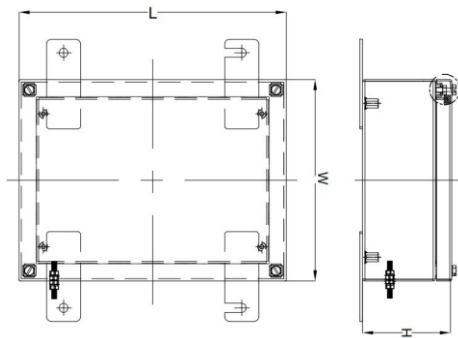
Product Code	Length (mm)	Width (mm)	Height (mm)	Product Code	Length (mm)	Width (mm)	Height (mm)
GBAEX000586434	58	64	34	GBAEX022012091	220	120	91
GBAEX000758057	75	80	57	GBAEX002508057	250	80	57
GBEXA000986434	98	64	34	GBAEX026016091	260	160	91
GBAEX010010081	100	100	81	GBAEX280180100	280	180	100
GBAEX012212081	122	120	81	GBAEX280230110	280	230	110
GBAEX012212090	122	120	90	GBAEX330230111	330	230	111
GBAEX001258057	125	80	57	GBAEX330230180	330	230	180
GBAEX014014091	140	140	91	GBAEX036012080	360	120	80
GBAEX001506434	150	64	34	GBAEX036016090	360	160	90
GBAEX016010081	160	100	81	GBAEX400230110	400	230	110
GBAEX016016091	160	160	91	GBAEX400230180	400	230	180
GBAEX001758057	175	80	57	GBAEX400310110	400	310	110
GBAEX180180100	180	180	100	GBAEX400310180	400	310	180
GBAEX020014090	200	140	90	GBAEX056016090	560	160	90
GBAEX200230113	200	230	113	GBAEX600230110	600	230	110
GBAEX200230180	200	230	180	GBAEX600310110	600	310	110
GBAEX022012081	220	120	81	GBAEX600310180	600	310	180

Ex Polyster Enclosures
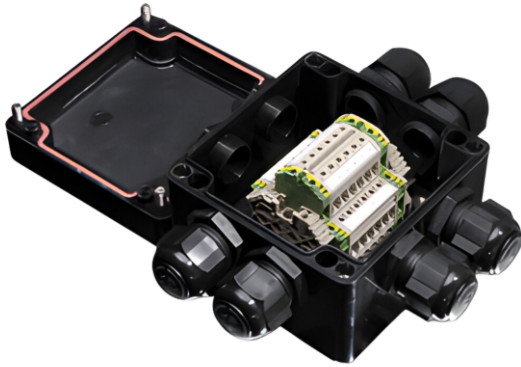
Technical Specification:

- Material colored in RAL7000 or RAL9005
- Protection class IP66 according to DIN EN 60529
- Empty enclosures with component certificate "U"
- Terminal enclosures with device certificate "X"
- Suitable for Ex zones: 1 / 2 / 21 / 22
- Available as Ex e (increased safety) or as Ex i (intrinsic safety) polyester enclosures
- ATEX or IECEx certification
- Surface resistance RAL9005 material: <109 Ohm
- Operating temperature: max. -55°C to +135°C
- Polyester enclosures in gray = suffix G after article no.
- Polyester enclosures in black = suffix S behind article no.
- For accessories refer page no. 21
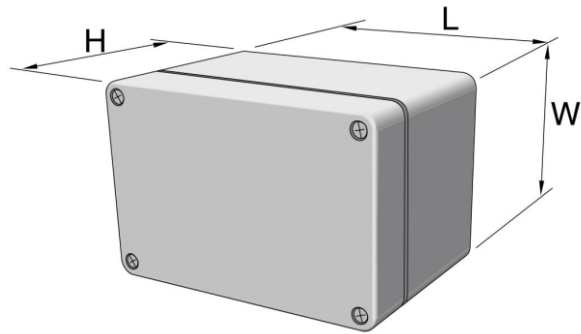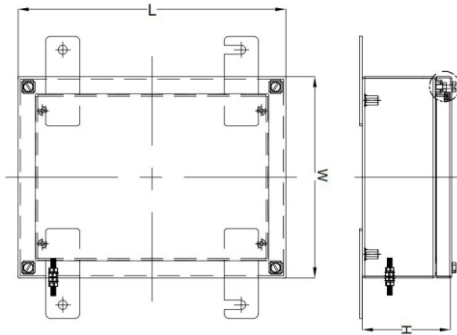
Product Code	Length (mm)	Width (mm)	Height (mm)	Product Code	Length (mm)	Width (mm)	Height (mm)
GBPEX000807555	80	75	55	GBPEX022012090	220	120	90
GBPEX000807575	80	75	75	GBPEX255250120	255	250	120
GBPEX001107555	110	75	55	GBPEX026016090	260	160	90
GBPEX001107575	110	75	75	GBPEX036016090	360	160	90
GBPEX012212090	122	120	90	GBPEX400250120	400	250	120
GBPEX001607555	160	75	55	GBPEX400405120	400	405	120
GBPEX001607575	160	75	75	GBPEX400405165	400	405	165
GBPEX016016090	160	160	90	GBPEX400405200	400	405	200
GBPEX001907555	190	75	55	GBPEX056016090	560	160	90
GBPEX001907575	190	75	75	GBPEX600250120	600	250	120

Sheet Steel Enclosures
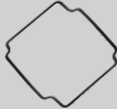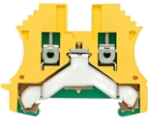
Technical characteristics:

- Material: sheet steel
- Material thickness: 1.25mm
- Powder-coated surface in RAL7035
- All-round foamed-in PU seal
- Protection class: IP66 / NEMA 4
- Perfect protection through multi-edged enclosures protection channel
- Easy wall mounting through rear wall with holes, prepared for wall mounting bracket or direct mounting
- Alternative version with flange plate, protection class: IP55
- Enclosures sizes marked with * are available with a flange
- Flexible interior design thanks to integrated perforated system strips in a 12.5 mm grid
- Protective conductor connection possible in the cover and all four corners of the enclosures
- Accessories such as B. Wall mounting brackets, cover hinges, mounting plate, support rail available on request
- For accessories refer page no. 21
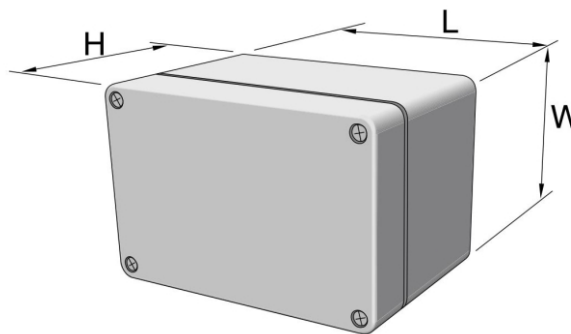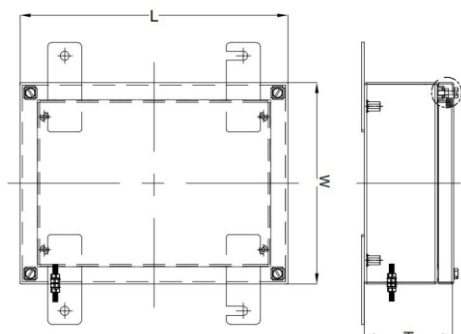
Product Code	Length (mm)	Width (mm)	Height (mm)	Product Code	Length (mm)	Width (mm)	Height (mm)
GBSB150150120	150	150	120	GBSB600400120*	600	400	120
GBSB300150120*	300	150	120	GBSB800400120*	800	400	120
GBSB200200120	200	200	120	GBSB015015080	150	501	80
GBSB300200120*	200	200	120	GBSB030015080	300	150	80
GBSB400200120*	200	200	120	GBSB020020080	200	200	80
GBSB500200120*	200	200	120	GBSB030020080	300	200	80
GBSB600200120*	200	200	120	GBSB040020080	400	200	80
GBSB300300120*	300	300	120	GBSB060020080	600	200	80
GBSB400300120*	400	300	120	GBSB800200120*	800	200	180
GBSB500300120*	500	300	120	GBSB020015080	200	150	180
GBSB600300120*	600	300	120	GBSB200150120	200	150	120
GBSB400400120*	400	400	120	GBSB400150120	400	150	120

Accessories

	Type of Gland
	Alternatively sealable or hexagon socket cover screws
	Lid seal optionally as silicone / EMC seal
	Support rail 15mm steel, galvanized
	Support rail 32mm steel, galvanized
	Support rail 35mm steel, galvanized
	Sheet steel mounting plate, galvanized
	External joints die-cast aluminum
	Inner joints stainless steel A2
	Terminal block manufacturer of your choice
	Cable glands M12 to M63
	Wall brackets M4 / M6, steel, galvanized
	External earthing M4 / M6, stainless steel

Cable Glands

XINDUX® offers a large portfolio of cable glands & various accessories for industrial and ATEX applications with a very high-quality material and innovative technology. Offerings are in different materials categories- metal and plastics.

- Cable glands Common sizes M16, M20, M25, M32, M40, M50, M63 and other sizes
- Materials: metal (brass/stainless steel) and plastic (polyamide)
- Compliant: RoHS and REACH / SVHC compliant
- UL and ATEX Approved.
- Outdoor resistant polyamide according to UL 746C f1
- Protection class IP 66, IP 68 up to 10 bar and IP 69K according to DIN EN 60529
- Quick mounting and optimum shield connection.

For more details, scan the following QR Code

Plastic Cable Glands

Metal Cable Glands

Ex Plastic Cable Glands

Ex Metal Cable Glands

Ventilation Glands & Plugs

Plastic Cable Glands

- Cap nut   : Polyamide PA6 V2 / V2 + 30% GF / V0-UL94
- Sealing ring   : TPV / with special seal for multi / flat cables
- Gland body   : Polyamide PA6 V2 / V0-UL94
- Connection thread   : Metric (EN 60423) / PG (DIN 40430)
- Protection class   : IP68 5 bar (with O-ring) / IP 54 (for DIN type)
- Temperature range : 20 °C +100 °C -30 °C +150 °C
- Properties   : Antivibration protection
                    : UV resistance (on request)
                    : Easy to assemble
                    : Halogen free
                    : Check fire protection class V0 as per UL94
                    : Check special seal (dust resistance / multi /
                      flat cables)
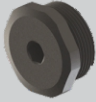
For more details, scan the
following QR Code

	Type of Gland	Thread Range	Clamping Range	Certifications
	Polyamide cable glands – metric	Metric threads: M12 to M63 Long thread metric: M12 to M40	Metric threads: 3mm to 44mm Long thread metric: 3mm to 32mm	
	Polyamide cable glands – PG	PG threads: PG7 to PG48 Long thread PG: PG7 to PG21	PG threads: 3mm to 44mm Long thread PG: 3mm to 18mm	
	Polyamide cable glands V0 – UL94	Metric threads: M12 to M63 PG thread: PG7 to PG48	Metric threads: 3mm to 44mm PG thread: 3mm to 44mm	
	Polyamide cable glands closed seal	Metric threads: M12 to M63 PG thread: PG7 to PG48	Metric threads: 3mm to 44mm PG thread: 3mm to 44mm	
	Polyamide cable glands - multihole / flathole – metric	Multihole metric: M16 to M32 Flathole metric: M20 to M50	-	
	Polyamide cable glands - multihole / flathole – metric	Multihole metric: PG9 to PG36 Flathole metric: PG16 to PG42	-	
	Polyamide cable glands Euro metric - reduced	Euro Metric and Euro Long Metric threads: M25 to M40 Reduced metric thread: M25	Euro Metric and Euro Long Metric: 9mm to 28mm Reduced metric : 4mm to 12mm	
	Polyamide cable glands spiral type	Metric and Long Metric threads: M12 to M25	3mm to 18mm	

Plastic Cable Glands

	Type of Gland	Thread Range	Clamping Range	Certifications
	Polyamide cable glands spiral type – PG	PG and Long PG threads: PG7 to PG21	3mm to 18mm	RoHS CE
	Polyamide cable glands DIN type	Metric threads: M12 to M25 PG thread: PG7 to PG36	Metric threads: 3.5mm to 18mm PG thread: 3.5mm to 32mm	RoHS CE
	Polyamide cable glands - flat type closed seal	Metric threads: M12 to M25 PG thread: PG7 to PG36	Metric threads: 3.5mm to 18mm PG thread: 3.5mm to 32mm	RoHS CE
	Tubegland	Metric threads: M25	-	RoHS CE
	XX - RJ-45 cable glands polyamide	Metric threads: M20 to M40 PG thread: PG13.5 to PG29	-	RoHS CE

ACCESSORIES					
	Polyamide blind stops	Metric threads: M12 to M40 PG thread: PG7 to PG48		Protection taps	PG thread: P7 to PG48
	Polyamide hexagonal blind stops	Metric threads: M20 to M32		O-ring	Ø8 - Ø53
	Polyamide lock nuts	Metric threads: M12 to M63 PG thread: PG7 to PG48		Flat washer / metric	M12 to M75
	Polyamide lock nuts hexagonal with collar	Metric threads: M12 to M63 PG thread: PG7 to PG48		Flat washer / Gas	G38 to G300

Metal Cable Glands

- Cap nut   : Nickel Plated Brass
- Clamping insert   : Polyamide PA6 V2
- Sealing ring   : NBR / TPV / Silicone / EPDM
- Gland body   : Nickel Plated Brass
- O-ring   : NBR / TPV / Silicone / EPDM
- Connection thread   : Metric (EN 60423) / PG (DIN 40430) / NPT / ANSI B1.20.1
- Protection class   : IP68 (check pressure)
- Temperature range   : -20 °C +100 °C / -40 °C +150 °C (Short term)
- Properties   : Easy to assemble
                             : Long thread versions
                             : High strain relief
                             : Check stainless steel and aluminium versions

For more details, scan the following QR Code
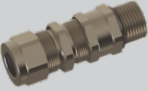
	Type of Gland	Thread Range	Clamping Range	Certifications
	Metal cable glands - brass-metric	Metric threads: M12 to M63 Long thread metric: M12 to M63	3mm to 44mm	
	Metal Cable Glands - PG	PG threads: PG7 to PG48 Long thread PG: PG7 to PG48	3mm to 44mm	
	Metal cable glands - reduced expanded brass	Metric threads: M12 to M50 PG thread: PG7 to PG42	4mm to 44mm	
	Metal cable glands – standard type NPT brass	NPT thread – ¼" to 3"	3mm to 70mm	
	Metal cable glands – standard type long thread	Metric threads: M12 to M40 PG thread: PG7 to PG29	3mm to 25mm	
	Metal cable glands – mini	Metric threads: M6 to M16 PG thread: PG7 to PG9	2mm to 8mm	
	Metal cable glands – EMC type brass	Metric threads: M12 to M90 PG thread: PG7 to PG48	3mm to 70mm (upto 44mm for PG)	
	Metal cable glands – standard type silicone seal	Metric threads: M12 to M63 PG thread: PG7 to PG48	3mm to 44mm	

Metal Cable Glands

	Type of Gland	Thread Range	Clamping Range	Certifications
	Metal cable glands – brass - multihole - flathole – metric	Metric threads: M16 to M50 Flathole metric: M25 to M50	-	
	Metal cable glands – brass - multihole - flathole – PG	PG threads: PG9 to PG36 Flathole PG threads: PG16 to PG42	-	
	Special type metal cable glands - metric/ NPT	Metric threads: M63 to M90 NPT thread: N 2 ½" to N 3"	45mm to 70mm	
	Metal cable glands – spiral type	Metric threads: M12 to M32 PG thread: PG7 to PG21	3mm to 18mm	
	XX-A2 metal cable glands – flat type	Metric threads: M12 to M63 PG thread: PG7 to PG48 Ø55 - Ø70	3.5mm to 49mm Ø - 40mm to 62mm	
	Metal cable glands – for armoured cables	Metric threads: M16 to M72	10.5mm to 50.5mm	
	Metal cable glands – with traction relief brass	Metric threads: M12 to M63 PG thread: PG7 to PG48 Ø55 - Ø70	3.5mm to 49mm Ø - 40mm to 62mm	
	XX-RJ-45 brass cable glands	Metric threads: M20 to M40 PG thread: PG13.5 to PG29	-	
	Industrial type armoured cable glands - XX-WDCG series	Metric threads: M16 to M130	24mm to 146mm	
	Industrial type armoured cable glands - XX-WACG series	Metric threads: M16 to M130	24mm to 146mm	
	Industrial type unarmoured cable glands - XX-WUG series	Metric threads: M16 to M75	24mm to 90mm	

Metal Cable Glands

	Type of Gland	Thread Range	Clamping Range	Certifications
	Industrial type armoured cable glands - XX-AG series	Metric threads: M16 to M75	22mm to 100mm	
	Industrial type unarmoured double compression cable glands - XX-WUDCG series	Metric threads: M16 to M75	-	
	Industrial type armoured cable glands BS 6121 - XX-E1W series	Metric threads: M20 to M100	-	
	Industrial type armoured cable glands - XX-CW series	Metric threads: M20 to M90	-	
	Industrial type armoured cable glands BS 6121 – XX-A2 series	Metric threads: M20 to M90	-	
	Industrial type armoured cable glands - XX-CW series	Metric threads: M20 to M90	-	

ACCESSORIES					
	Metal blind stops	Metric threads: M12 to M63 PG thread: PG7 to PG48		Metal reducers - brass	Metric threads: M16 to M63 PG thread: PG9 to PG48
	Metal lock nuts	Metric threads: M12 to M90 PG thread: PG7 to PG48		Metal enlargers - metric-metric / PG-PG brass	Metric threads: M12 to M50 PG thread: PG7 to PG42
	Metal lock nuts - stainless steel	Metric threads: M12 to M80 PG thread: PG7 to PG48		Metal adapters - Metric-PG / PG - metric	Metric threads: M12 to M63 PG thread: PG7 to PG42
	EMC metal lock nuts - brass / stainless steel	Metric threads: M12 to M75 PG thread: PG7 to PG48			

Ex Plastic Cable Glands

- Gland Body   : Polyamide PA6
- Connection Thread   : Metric (EN 60423) / PG (DIN 40430)
- Colour   : Black (RAL 9005) / Blue (RAL 5012)
- Standard   : EN 60079-0, 60079-7, 60079-31
- Protection Class   : IP68 5 Bar
- Temperature Range   : -30 °C +100 °C
- Application Area   : ZONE1, ZONE2, ZONE21, ZONE22, Gas Group IIA, IIB, IIC
- Cable Type   : Unarmoured

For more details, scan the following QR Code

	Type of Gland	Thread Range	Clamping Range	Certifications
	Ex-e black Ex - metric and long thread	Metric threads: M12 to M63 Long thread metric: M12 to M40	Metric threads: 3mm to 44mm Long thread metric: 3mm to 32mm	ATEX RoHS CE c UL US GOST-R
	Ex-e black Ex - PG and long thread	PG threads: PG7 to PG48 Long thread PG: PG7 to PG21	PG threads: 3mm to 44mm Long thread PG: 3mm to 18mm	ATEX RoHS CE c UL US GOST-R
	Ex-i blue Ex - metric and long thread	Metric threads: M12 to M63 PG thread: PG7 to PG48	Metric threads: 3mm to 44mm Long thread metric: 3mm to 32mm	ATEX RoHS CE c UL US GOST-R
	Ex-i blue Ex - PG and long thread	PG threads: PG7 to PG48 Long thread PG: PG7 to PG21	PG threads: 3mm to 44mm Long thread PG: 3mm to 18mm	ATEX RoHS CE c UL US GOST-R
	Ex plastic blue - black - metric and long thread	Metric threads: M12 to M63 Long thread metric: M12 to M40	Metric threads: 3mm to 44mm Long thread metric: 3mm to 32mm	ATEX RoHS CE c UL US GOST-R
	Ex plastic blue - black - PG and long thread	PG threads: PG7 to PG48 Long thread PG: PG7 to PG21	PG threads: 3mm to 44mm Long thread PG: 3mm to 18mm	ATEX RoHS CE c UL US GOST-R

*Option available for assembly of ATEX solutions with in-house components or specified manufacturer's components.

Ex Metal Cable Glands

- Material   : MS58 Brass with or without nickel plated, stainless steel
  AISI303 / 316L / Aluminium
- Standards   : EN 60079-0:2012, 60079-1:2007, 60079-31:2009,
  60079-7:2007
- Protection class   : IP66 / 67 / 68
- Temperature   : -30 °C +120 °C NBR
  : -40 °C +100 °C NEOPRENE
  : -60 °C +180 °C SILICONE
  : -30 °C +100 °C TPE/V
- Application area   : ZONE1, ZONE2, ZONE21, ZONE22, Gas Group IIA. IIB, IIC
- Cable type   : SWA (Single wire armour) (STA & other cables optional)

For more details, scan the following QR Code

	Type of Gland	Thread Range	Sub-type	Certifications
	XX-ETNA series armoured ex proof cable glands - DCG double compression	Ex d: M16 to M130	Double compression type	ATEX RoHS CE
	XX-Colima series armoured Ex proof cable glands - ACG single compression	Metric threads: M16 to M130	Single compression gland	ATEX RoHS CE
	Armoured EMC cable glands XX-UAGT series	Ex d: M16 to M80 Ex e: M16 to M63	UAGT Screened EMC Ex glands	ATEX RoHS CE
	XX-Merapi series unarmoured Ex proof cable glands - UAG	Ex d: M16 to M90	UAG (Un-ar) Unarmoured gland	ATEX RoHS CE
	XX-Unzen series unarmoured Ex proof cable glands - UG	Ex d: M16 to M75	UAG (Un-ar) Unarmoured gland	ATEX RoHS CE
	Flexible spiral conduit fittings - liquid tight with cable holder	PG: PG7 to PG48 Metric: M12 to M90	UAG (Un-ar) Unarmoured gland	ATEX RoHS CE
	Unarmoured cable glands - Stex spiral type	Metric: M12 to M32 PG: PG 7 to PG 21	STex spiral type cable gland	ATEX RoHS CE

*Option available for assembly of ATEX solutions with in-house components or specified manufacturer's components.

Ex Metal Cable Glands

ACCESSORIES					
	Ex TK type stopper plug	Metric: M12 to M100 NPT: ¼" to 4" GAS: G¼" to G4" PG: PG7 to PG48		Ex- proof enlarger reducer	Metric: M12 to M110 NPT: ¼" to 4"
	TS series Ex proof stopper plug	Metric: M12 to M100 NPT: ¼" to 4" GAS: G¼" to G4" PG: PG7 to PG48		Nippling	Metric: M12 to M100 NPT: ¼" to 4"
	Ex- proof stopper plug - TO series	Metric: M12 to M100 NPT: ¼" to 4" GAS: G¼" to G4" PG: PG7 to PG48		Coupling - metric	Metric: M12 to M110
	AP type adapter	Metric: M12 to M110 NPT: ¼" to 4"		Ex-proof coupling NPT	NPT: ¼" to 4"
	Ex-proof AP1 type adapter	Metric: M16 to M110 NPT: ¼" to 4"		Shroud	Metric: M16 to M90
	Reducer	Metric: M16 to M110 NPT: ¼" to 4"		Earth tag	Metric: M12 to M100

Ventilation Glands & Plugs

- Cap nut
  : Polyamid PA6 V2 / Nickel Plated Brass, Stainless Steel (AISI303/316L)
- Sealing ring
  : TPV
- Gland body
  : Polyamid PA6 V2 / Nickel Plated Brass, Stainless Steel (AISI303/316L)
- O-ring
  : NBR / EPDM
- Vent Part
  : Acrylic Co-Polymer on Nylon Support (Hydrophobic - Oleophobic)
- Connection thread
  : Metric (EN 60423), PG (DIN 40430)
- Protection class
  : IP68
- Temperature range
  : -20 °C +100 °C / -40 +150 °C
- Benefits
  : Balance the pressure inside and outside of your systems
  : Prevents corrosion and water condensation inside the enclosure
  : It gives a huge advantage to be used as cable gland and venting element
  : Extend the lifetime of your product
  : Highest air flow level
  : Anti-vibration protection
  : UV resistance (on request)
  : Easy to assemble
  : Halogen Free
  : High strain relief and chemical resistance

For more details, scan the following QR Code

|	Type of Gland	Thread Range	Clamping Range	Certifications
	Ventilation glands – Plastic	Metric: M12 to M20 PG: PG 7 to PG 13.5	4mm to 12mm	GOST-R RoHS CE
	Ventilation glands – Brass / Stainless Steel	Metric: M12 to M20 PG: PG 7 to PG 13.5	4mm to 12mm	GOST-R RoHS CE
	Ventilation plugs – Plastic	M12	-	GOST-R RoHS CE
	Ventilation plugs – Brass	M12 to M16	-	GOST-R RoHS CE
	Ventilation plugs – Stainless Steel	M4 to M16	-	GOST-R RoHS CE

Cable Entry System

This includes all round and rectangular separable cables entry systems. The separable frame and the separable core ease the need for the shear cable and the rewiring of the cable with the connector. The cable quality is therefore maintained.

A closed cable is introduced into the upper and lower part of the frame to create high contact pressure on the core and wire. In most cases, the cable allows for stress relief, with protection class IP54.

Features:
- IP54-IP68
- Integrated design with metal or plastic skeleton reinforcement
- Easy for installation without using extra sealing or washer
- Cable entry system for routing various cables, provide sealing for wide range of cable
- Applicable to Type B/C/H in term of wall thickness
- RoHS & Reach compliance
- Excellent climate resistance, UV protection and Ozone resistance
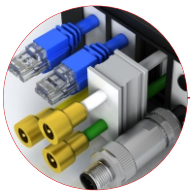
Separable System
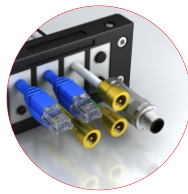
Maintenance on the reserved connector cable

Quick and easy installation
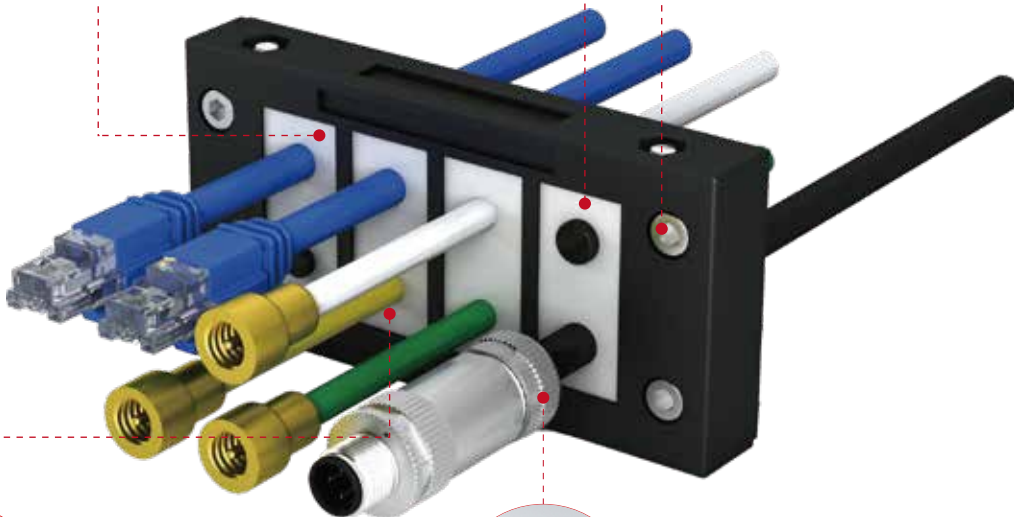
High-density cable, a wide variety
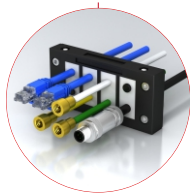
Protection class IP54
Fully meet the requirements of general application scenarios

Cable Entry System

Cable Entry Plates-Square type with multi-hole [IP66 / IP67]
- Material: Zinc Plated, Stainless steel, Aluminum
- Elastomer: Synthetic rubber
- Working Temp: -40°C to + 100°C
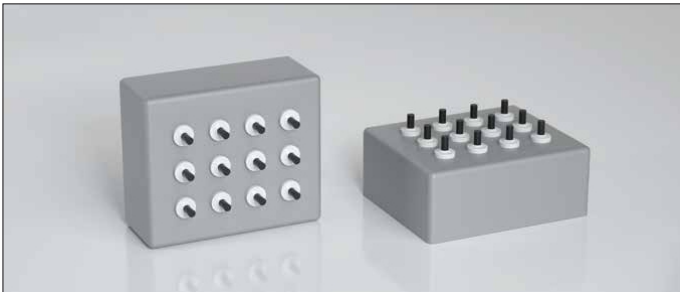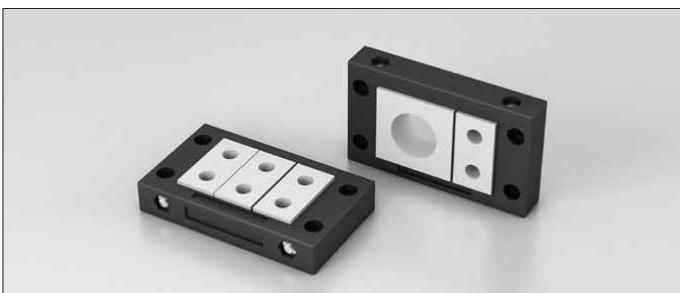- Flammability Rating : UL94-V0

Perforated circular sealing threading plate [IP66 / IP68]
- Material: PA (For Thread Version), Zinc Plated, Stainless steel, Aluminum (For Flange Version)
- Elastomer: Synthetic rubber
- Working Temp.: -40°C to + 100°C
- Flammability Rating: UL94-V0

Cable Entry Grommets (Cone shape [IP66 / IP68] / Clamping Type [IP 67])
- Material: PA (For Thread Version), Zinc Plated, Stainless steel, Aluminum (For Flange Version)
- Elastomer: Synthetic rubber
- Working Temp.: -40°C to + 100°C
- Flammability Rating: UL94-V0

Single hole threading sheath (threading sheath / flexible pipe sheath) [IP 67]
- Material: PA (For Thread Version), Zinc Plated, Stainless steel, Aluminum (For Flange Version)
- Elastomer: Synthetic rubber
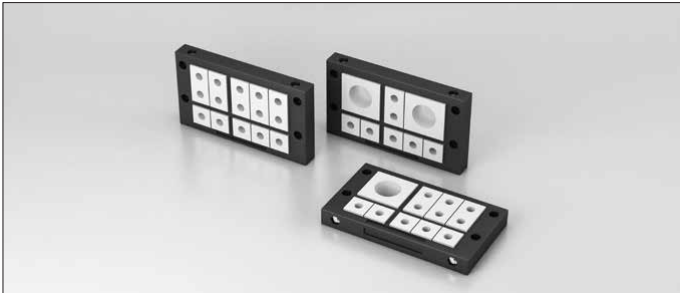- Working Temp.: -40°C to + 100°C
- Flammability Rating: UL94-V0

SSF 6 Standard Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
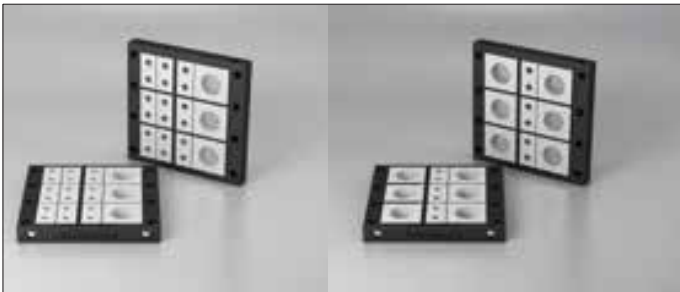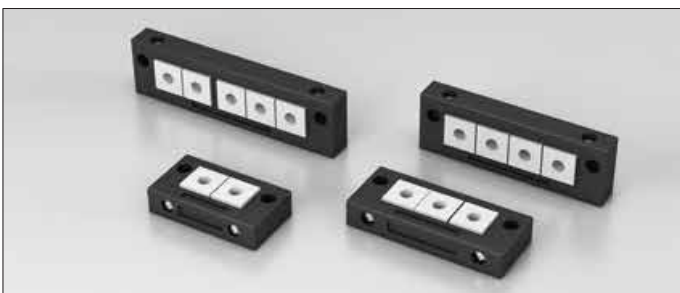- Frame Depth: 17mm

SSF 10 Standard Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Frame Depth: 17mm

Cable Entry System

SSF 16 Standard Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Frame Depth: 17mm

SSF 24 Standard Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Frame Depth: 17mm

SSF 24 Standard Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Frame Depth: 17mm

FLSF 24 Four Layer Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Frame Depth: 17mm

SLSF 24 Six Layer Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Frame Depth: 17mm

OLSF Single Layer Sealing Frame
- Material: Polyamide
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Frame Depth: 17mm

Cable Entry System

TM Small module	TM Medium module
• Material: Synthetic rubber	• Material: Synthetic rubber
• IP Rating: IP54 / IP65	• IP Rating: IP54 / IP65
• Working Temp.: -40°C to + 120°C (static)	• Working Temp.: -40°C to + 120°C (static)
• Properties: Halogen free	• Properties: Halogen free
• Flammability Rating : UL94-V0	• Flammability Rating : UL94-V0
• Grommet blind	• Wire size: 16mm - 35mm

TM Small module
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Wire size: 2mm - 16mm

SM Special modules
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Wire size: 12x6.5mm max - 2x12.2mm max

TM Small module
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Wire size: 2x3mm - 2x8mm

SM Special modules
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Wire size: 16x7.1mm max

TM Small module
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Wire size: 4x3mm - 4x6mm

SM Special modules
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Wire size: 4x6.5mm, 3x9.5mm, 3x11.3mm max

TM Medium module
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Adapter grommet

SM Special modules
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Wire size: 9x9.5mm

TM Medium module
- Material: Synthetic rubber
- IP Rating: IP54 / IP65
- Working Temp.: -40°C to + 120°C (static)
- Properties: Halogen free
- Flammability Rating : UL94-V0
- Grommet blind

Conduits

XINDUX® offers a large portfolio of cable conduits & various accessories for diverse applications with a very high-quality material and in various sizes. Offerings are in different materials categories- metal and plastics.
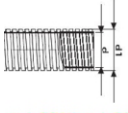
Metal Conduits: Experience robust protection with our metal conduits, ideal for environments that demand strength and durability, ensuring a reliable and secure setup.

Plastic Conduits: Our versatile plastic conduits offer flexibility and ease of installation, delivering a high-quality, cost-effective solution for a variety of applications.

Discover the XINDUX® difference, where superior protection meets innovative design

Metal Spiral Conduits

Metal Spiral Conduits Accessories

Plastic Spiral Conduits

Plastic Spiral Conduits Accessories

Metal Spiral Conduits & Accessories

Flexible spiral conduits	Metal	PVC coated metal	TPV coated	Steel wire over braiding	Steel wire over braiding PVC coated	Steel wire over braiding Polyamide conduit	Liquid tight	Liquid tight halogen free	Steel wire over braiding - liquid tight
Material	Galvanised steel	Galvanised steel PVC coated	Galvanised steel TPV coated	Galvanised steel galv. steel overbraid	Galvanised steel PVC coated	Galvanised steel wire overbraiding polyamide conduits	Galvanised steel PVC coated liquid tight	Galvanised steel TPV coated liquid tight	Galvanised steel PVC coated steel wire over braiding liquid tight
IP Rating	IP 40	IP 54, IP 67	IP54, IP65	IP 40	IP 54, IP 67	IP65	IP66	IP66	IP66
Temperature Range	-100 °C to +300 °C	-15 °C to +90 °C	-20 °C to +100 °C	-100 °C to +300 °C	-15 °C to +90 °C	-40 °C to +120 °C	-20 °C to +105 °C	-20 °C to +100 °C	-20 °C to +100 °C
Size Range (d)	7.5 mm to 75 mm	7.5 mm to 100 mm	7.5 mm to 75 mm	9 mm to 51 mm	9 mm to 51 mm	6.5 mm to 48 mm	10.3 mm to 101.6 mm	10.3 mm to 101.6 mm	10.3 mm to 101.6 mm
High impact strength	✓	✓	✓	✓	✓	✓	✓	✓	✓
High fatigue life		✓							
High abrasion resistance	✓			✓	✓	✓			✓
Halogen free	✓		✓	✓		✓		✓	
Low fire hazard	✓		✓	✓	✓			✓	
Self extinguishing	✓	✓	✓	✓	✓	✓	✓	✓	✓
Full-shrink packing	✓	✓	✓	✓	✓	✓			
EMC Screening				✓	✓				✓
Apply with	MMR – MDM or MNR	MMR – MDM or MNR	MMR – MDM or MNR	LSRN – LSRP, LSRPD, LSRND or Ex MLSRN	LSRN – LSRP, LSRPD, LSRND or Ex MLSRN	LSRPAG, LSRN – LSRP, LSRPD, LSRND or Ex MLSRN	LSRN – LSRP, LSRPD, LSRND or Ex MLSRN	LSRN – LSRP, LSRPD, LSRND or Ex MLSRN	
Special Request				SS overbraid , High UV resistance		SS overbraid		High UV resistance	

ACCESSORIES					
	Flexible spiral conduit fittings liquid tight fixed & swivel		Flexible spiral conduit fittings NPT liquid tight fixed & swivel		Flexible spiral conduit fittings liquid tight female type fixed & swivel
	Flexible spiral conduit fittings liquid tight female type NPT fixed & swivel		Steel wire over braiding plastic conduit fittings fixed & swivel		Liquid tight spiral conduit fittings with cable holder
	Liquid tight spiral conduit fittings NPT with cable holder male / female		Flexible spiral conduit fittings fixed body		Flexible spiral conduit fittings swivel body
	Flexible spiral conduit fittings NPT fixed body				

Plastic Spiral Conduits & Accessories

Plastic spiral conduits	Polyamide PA6 UV resistant spiral conduits	Plastic spiral conduits PA6	Plastic V0 spiral conduits	Plastic split type spiral conduits	Plastic polypropylene spiral conduits	Plastic polypropylene - split type spiral conduits	Plastic PVC spiral conduits	Plastic spiral conduits oval corrugated
Material	Polyamide PA6 V2	Polyamide PA6 V2	Polyamide PA6 V0	Polyamide PA6 V2 / V0	Polypropylene	Polypropylene	PVC	Polyamide PA6 V2 / V0
Flammability Class	UL94 V2	UL94 V2	UL94 V0	UL94 V2 / V0				UL94 V2 / V0
Temperature Range	-40 ℃ to +120 ℃	-40 ℃ to +120 ℃	-40 ℃ to +120 ℃	-40 ℃ to +120 ℃	-20 ℃ to +90 ℃	20 ℃ to +90 ℃	-5 ℃ to +70 ℃	-40 ℃ to +120 ℃
Size Range (d)	6.5 mm to 48 mm	6.5 mm to 48 mm	10 mm to 75 mm	6.5 mm to 48 mm	6.5 mm to 48 mm	6.5 mm to 48 mm	8 mm to 50 mm	20.6 mm x 34.8 mm
High impact strength	✓	✓	✓	✓				✓
High fatigue life	✓	✓	✓	✓				
High abrasion resistance	✓	✓	✓	✓				
Halogen free	✓	✓	✓	✓				✓
High UV resistance	✓	On request	On request	On request				
Self extinguishing	✓	✓	✓	✓	✓	✓		
Full-shrink packing	✓	✓	✓	✓	✓	✓		
Other details				Split option	Acid resistance	Split Option, Acid resistance	High Flexibility, Rigid	DIN 55442 compliant, High resistance against solvent and oils

ACCESSORIES							
	Polyamide conduit glands - metric thread		Polyamide conduit glands - PG thread		Polyamide conduit glands 90° elbow type		
	Polyamide conduit glands with cable holder		Polyamide clips - for spiral conduits		Polyamide conduit glands - for PVC / metal pipes		

For more details about metal conduits, scan the following QR Code

For more details about plastic conduits, scan the following QR Code

Cable Lugs

XINDUX® offers you a wide range of insulated and non-insulated cable lugs and connectors which guarantees a consistent electrical connection quality over a prolonged period.

XINDUX® stocks a comprehensive range of cable lugs, used to terminate, or connect cables which offer seamless performance connecting cables, electrical appliances and other power mechanisms, for harsh-duty environments

Cable Lugs

	Type	Material	Cable mm²	Stud Hole Size	Certification	Features
	Standard Range Cable Lugs	Electrolytic Copper	1.5 mm² to 1000 mm²	4.2 mm to 21 mm	c(UL)us LISTED Up to 630 mm²	- Tin plated for good conductivity and avoid oxidation of copper - Annealed material optimizes material and crimping properties
	Light Duty Cable Lugs	Electrolytic Copper	35 mm² to 800 mm²	6.5 mm to 21 mm	c(UL)us LISTED Up to 630 mm²	- Tin plated for good conductivity and avoid oxidation of copper - Annealed material optimizes material and crimping properties
	Bell Mouth Cable Lugs	Electrolytic Copper	10 mm² to 250 mm²	5.2 mm to 21 mm	c(UL)us LISTED	- Tin plated for good conductivity and avoid oxidation of copper - Annealed material optimizes material and crimping properties - Easy insertion for cables
	Four Hole Transformer Cable Lugs	Electrolytic Copper	400 mm² to 800 mm²	10.5 mm to 21 mm	c(UL)us LISTED	- Tin plated for good conductivity and avoid oxidation of copper - Annealed material optimizes material and crimping properties - For heavy duty application - Good heat dissipation
	Circuit Braker Narrow Palm Cable Lugs	Electrolytic Copper	35 mm² to 300 mm²	6.5 mm to 10.5 mm		- Tin plated for good conductivity and avoid oxidation of copper - Annealed material optimizes material and crimping properties - Ensures immediate and easy installation of wires
	Long Barrel Cable Lugs	Electrolytic Copper	16 mm² to 630 mm²	8.4 mm to 21 mm	c(UL)us LISTED	- Longer length barrel permits extra crimps - Seamless, one piece, copper construction with tin plating assures maximum conductivity.
	DIN 46235 Cable Lugs	Electrolytic Copper	6 mm² to 1000 mm²	5.3 mm to 21 mm	c(UL)us LISTED	- Enclosed barrel prevent corrosion material from entering barrel when used in harsh environment
	Single Hole Cable Lugs	Electrolytic Copper	25 mm² to 630 mm²	6.5 mm to 21 mm	c(UL)us LISTED	- HV lugs designed to withstand high voltage applications - Manufactured from high quality copper tube, annealed and tin plated
	Two Hole High Voltage Cable Lugs	Electrolytic Copper	25 mm² to 630 mm²	6.5 mm to 21 mm	c(UL)us LISTED	- Best suited in application where two bolts are needed to avoid rotation - Heavy duty industrial application
	Tubular Cable Lugs - 45° Angle	Electrolytic Copper	6 mm² to 400 mm²	8.4 mm to 21 mm		- Electro Tinned Plated

Cable Lugs

	Type	Material	Cable mm^2	Stud Hole Size	Certification	Features
	Tubular Cable Lugs – 90° Angle	Electrolytic Copper	6 mm^2 to 150 mm^2	4.2 mm to 21 mm	-	- Electro Tinned Plated
	Standard Aluminium Cable Lugs	Aluminium Alloy	16 mm^2 to 300 mm^2	8 mm to 14 mm	-	- Made up of 99.5 % pure Aluminum - Popular choice in power distribution
	Aluminium Lugs for XLPE Cables	Aluminium Alloy	25 mm^2 to 1000 mm^2	8 mm to 20 mm	-	- Made up of 99.5 % pure Aluminum - Popular choice in power distribution
	DIN 46329 Aluminium Cable Lugs	Aluminium Alloy	25 mm^2 to 500 mm^2	8 mm to 20 mm	-	- Lugs as per DIN 46329 Standard
	DIN 46267 Cable Connectors	Electrolytic Copper	6 mm^2 to 1000 mm^2			- Prevent over insertion of conductor
	Short Barrel Cable Connectors	Electrolytic Copper	1.5 mm^2 to 1000 mm^2			- For limited space applications - Center Stopper to prevent ove insertion of conductor
	Long Barrel Cable Connectors	Electrolytic Copper	1.5 mm^2 to 1000 mm^2			- For better Pull Out Strength - Center Stopper to prevent over insertion of conductor
	Reducing Links Connectors	Electrolytic Copper	6 mm^2 to 300 mm^2			- Minimum space Requirement - Seamless construction with tin plating assures maximum conductivity
	Aluminium Through Connectors	Aluminium Alloy	16 mm^2 to 300 mm^2			- Aluminum Conductor - Internal wire stop to prevent over insertion of conductor

Clamping Solutions

XINDUX® offers a comprehensive range of high-quality cable ties with best-in-class tensile strength and endurance. The cable ties are offered in different materials like stainless steel, nylon, with and without coating and with different types of locking mechanism like ball lock, Ladder type and releasable.

These products have been used in road signages, junction box mounting onto the poles, street light pole identifications, various types of cable bundling etc. Along with these we also offer Bands (Straps), Buckles (Clips) as well as identification and marking tools which have high superior corrosive resistance and are used in marine, salt water and chemical environments.
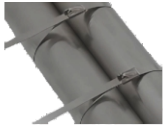
Cable Ties

Bands and Buckles
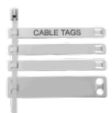
Identification & Marking Tools

Cable Ties

	Type	Material	Width	Thickness	Length	Technical Specification
	Ball Lock Cable Ties - Uncoated	SS316, SS304	4.6 mm (0.18 in) 7.9 mm (0.31 in) 12.7 mm (0.50 in) 16.0 mm (0.63 in)	0.25 mm (0.01 in) / 0.40 mm (0.02 in)	100 mm to 1000 mm (4 in to 39 in)	Temp: -60°C to +300°C Surface Finish : Metallic Multicolor : Available Rating : Comply to UL94 fireproof, Halogen free and UV-resistant
	Ball Lock Cable Ties - Coated	SS316, SS304	4.6 mm (0.18 in) 7.9 mm (0.31 in) 12.7 mm (0.50 in) 16.0 mm (0.63 in)	0.25 mm (0.01 in) / 0.40 mm (0.02 in)	100 mm to 1000 mm (4 in to 39 in)	Temp: -60°C to +300°C Surface Finish : Pure Polyester and Epoxy Coating Multicolor : Available Rating : Comply to UL94 fireproof, Halogen free and UV-resistant
	Ball Lock Spring Type Cable Ties - Uncoated	SS316, SS304	4.6 mm (0.18 in) 7.9 mm (0.31 in) 12.7 mm (0.50 in) 16.0 mm (0.63 in)	0.25 mm (0.01 in) / 0.40 mm (0.02 in)	100 mm to 1000 mm (4 in to 39 in)	Temp: -60°C to +300°C Surface Finish : Metallic Multicolor : Available Rating : Comply to UL94 fireproof, Halogen free and UV-resistant
	Ball Lock Spring Type Cable Ties - Coated	SS316, SS304	4.6 mm (0.18 in) 7.9 mm (0.31 in) 12.7 mm (0.50 in) 16.0 mm (0.63 in)	0.25 mm (0.01 in) / 0.40 mm (0.02 in)	100 mm to 1000 mm (4 in to 39 in)	Temp: -60°C to +300°C Surface Finish : Pure Polyester and Epoxy Coating Multicolor : Available Rating : Comply to UL94 fireproof, Halogen free and UV-resistant
	Releasable Type Cable Ties- Uncoated & Coated	SS316, SS304	6.35 mm (0.25 in) 9.53 mm (0.38 in)	0.50 mm (0.02 in) / 0.90 mm (0.35 in)	152 mm to 914 mm (6 in to 36 in)	Temp: -60°C to +300°C Surface Finish : Metallic, Pure Polyester (Coated), PPA (Coated) Rating : Comply to UL94 fireproof, Halogen free and UV-resistant
	Ladder Type Cable Ties- Coated & Uncoated	SS316, SS304	7 mm (0.28 in) 12 mm (0.47 in)	0.30 mm (0.012 in)	150 mm to 1000 mm (6 in to 39 in	Temp: -60°C to +300°C Surface Finish : Metallic, Pure Polyester (Coated) Rating : Comply to UL94 fireproof, Halogen free and UV-resistant

Identification & Marking Tools

	Type	Material	Width	Length	Specification
	Carrier strips (coated & uncoated	SS316	8 mm (0.33 in)	92.5 mm to 252.5 mm (3.67 in to 10 in)	No. of Alphanumeric Characters: 7 to 26 Package Quantity: 100 / box
	Alphanumeric characters	SS316	Standard		Complete range of individual letters, numbers, and symbols Easy to read in dim light and inaccessible places Fastened with variety of cable ties
	Marker plates & Tags	SS316	7 mm to 38 mm (0.29 in to 1.5 in)	100 mm to 1000 mm (4 in to 39 in)	Single / Three / Five line - Multiple Characters Character Height Option - 3mm & 4mm Laser Etching & Embossing Available

Bands and Buckles

Type	Material	Width	Thickness	Length	Notes
Bands for corrosive atmospheric applications	SS316, SS304	6.5 mm (0.25 in) to 19 mm (0.75 in)	0.50 mm (0.02 in) / 0.75 mm (0.03 in)	30.5 m (100 ft) / 61 m (200 ft)	Superior corrosion resistance in industrial, chemical and marine atmospheres Available in 4 color codes Carton box packing also available
Regular Bands High Tensile Application	SS201	6.5 mm (0.25 in) to 19 mm (0.75 in)	0.50 mm (0.02 in) / 0.75 mm (0.03 in)	30.5 m (100 ft) / 61 m (200 ft)	Available in 4 color codes Carton box packing also available
Regular Bands - Economical Value Application	SS430	6.5 mm (0.25 in) to 19 mm (0.75 in)	0.50 mm (0.02 in) / 0.75 mm (0.03 in)	30.5 m (100 ft) / 61 m (200 ft)	Available in 4 color codes Carton box packing also available
Utility Bands	SS201, SS304, SS316, SS430	10 mm (0.4 in) to 20 mm (0.8 in)	0.40 mm (0.016 in) / 0.75 mm (0.03 in)	30 m (98.5 ft) / 50 m (164 ft)	Specially packed for industrial and utilities requirement Packed in plastic dispensers and Cartons Boxes
Aluminium Perforated Strip	Aluminium	19 mm (0.75 in)	1.20 mm (0.047 in)	10 m (33 ft) / 25 m (82.5 ft)	Easy to install for light duty applications Perforated band with evenly spaced holes & slots enables fastening with nut & bolt, screw or cable tie Uncoated & Polyester color coated bands available
Heavy Duty Bands	SS201, SS304, SS316, SS430	19 mm (0.75 in) to 32 mm (1.25 in)	1.10 mm (0.04 in)	30.5 m (100 ft)	Bands for heavy duty industrial applications Bands available in all gardens of stainless steel Packing in carton boxes
PVC Coated Bands	SS315, SS316	12.7 mm (0.5 in) to 16 mm (0.63 in)	1.10 mm (0.04 in)	20 m (66 ft)	PVC has excellent chemical and mechanical properties making it a very effective medium of coating on SS 316 Suitable Buckles / Clips and Tools are also supplied as a total solution
PPA 571 Coated Bands for Highly Corrosive Applications	SS304, SS316	6.5 mm (0.25 in) to 19 mm (0.75 in)	1.10 mm (0.04 in)	25 m (82.5 ft)	Corrosion Resistance in harsh offshore environments Excellent for Marine Application Better cable bunding through superior tensile strengths
All Purpose PPA 571 Coated Bands	GCS, SS304, SS316	12.7 mm (0.5 in) to 19 mm (0.75 in)	0.75 mm (0.03 in)	3 m (9.9 ft) / 10 m (33 ft)	Corrosion Resistance Excellent for Marine Application Better cable bunding through superior tensile strengths
All Purpose Uncoated Bands	GCS, SS304, SS316	12.7 mm (0.5 in) to 19 mm (0.75 in)	0.75 mm (0.03 in)	3 m (9.9 ft) / 10 m (33 ft)	
Jaw Type - Precut Strap	SS201	12.7 mm (0.5 in) to 19 mm (0.75 in)	0.76 mm (0.03 in)	51 cm (20 in) to 229 cm (90 in)	Ready to use pre-cut band Time saving & cost effective solution Enables faster installation Available with coating in Epoxy / Pure Polyster
Wing Type - Precut Strap	SS201	6.5 mm (0.25 in) to 19 mm (0.75 in)	0.50 mm (0.02 in) / 0.75 mm (0.03 in)	25 cm (10 in) to 175 mm (69 in)	Ready to use pre-cut band Time saving & cost effective solution Enables faster installation Available with coating in Epoxy / Pure Polyster

XINDUX ®