LOOB

Stainless steel

STRAPPING BANDS AND ACCESSORIES

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EXPERIENCED STAFF IS A RELIABLE PARTNER IN BUSINESS.

Our technical expertise and qualifications will help you to choose the right products. The potential of the possibilities and scope of activities allows to adjust the materials to individual customer needs. Our solutions are successfully used in many sectors of the industry.

Specialists with an excellent knowledge of corrosion-resistant bands and all their types are at your disposal and will be happy to answer any technical questions. We also offer attractive forms of financing and beneficial logistics solutions for our customers.

OUR STRENGTHS

PROFESSIONAL SERVICE

Properly identified needs and selection of individual solutions help to meet the requirements of our customers.

SHORT LEAD TIMES

Short order completion time is a result of dynamically operating, integrated company departments.

COMPETITIVE PRICING

We make every effort to make our prices attractive to our customers through the flexibility of selected solutions.

HIGHEST REPEATABLE QUALITY OF OFFERED PRODUCTS

We are an acknowledged supplier of stainless steel materials. We owe our reputation to meeting the requirements of a wide range of industries in our business area.

TIMELY DELIVERIES

The obligations of our customers are our priority. That is why we set punctuality of deliveries as one of our main goals.

LOW VOLUME DELIVERIES POSSIBILITY

Retail customers are very important to our company and their satisfaction is a testament to our quality.

TECHNICAL CONSULTING

Our sales department is made up of experts who specialise in stainless steel and acid-resistant steel bands – they will provide comprehensive material advice.

POSSIBILITY OF CUSTOM-TAILORED SOLUTIONS

Non-standard dimensions and materials are a challenge which we are willing to take up in order to provide our customers with material that is difficult to access (classified as not available on the market).

STRAPPING BANDS

STAINLESS STEEL BAND
GRADE 1.4016 / AISI 430

Standard: **EN 10088-2**

Edges: **rounded**

Installation of cables, ventilation ducts, masts, poles, road signs; suspension of additional equipment for cable ducts, process piping, poles; packing for transport, bundling of steel and plastic pipes, installation of flexible pipe connections, and many others. Elements used in moderate corrosive environments.

MATERIAL CHARACTERISTICS:

- MODERATE MECHANICAL STRENGTH
- RESISTANT TO OXIDATION AT HIGH TEMPERATURES
- RESISTANCE TO LOW TEMPERATURES
- THERMAL EXPANSION LOWER THAN AUSTENITIC GRADES
- SMOOTH FINISH ON ALL SURFACES

USE

Interior architectural applications, elements used in air-conditioned rooms. Construction applications in moderate corrosive environments. Components operating at high temperature change gradient, exposed to strong oxidation at high temperatures. Applications for agriculture, transport applications.

STRAPPING BAND SIZE CHART

Width [mm]	Thickness [mm]	Roll weight [kg]		
		50 m roll	30 m roll	25 m roll
19	0,7	5,2	3,1	2,6
16	0,7	4,4	2,6	2,2
12,7	0,7	3,5	2,1	1,7
9,5	0,6	2,2	1,3	1,1
6,4	0,5	1,3	0,8	0,6
20	0,7	5,5	3,3	2,7
10	0,7	2,8	1,7	1,4
20	0,4	3,1	1,9	1,6
10	0,4	1,6	0,9	0,8

CHEMICAL COMPOSITION

Grade	Element, % (max.)*								
	C	Si	P	S	Mn	Cr	Ni	Mo	N
1.4016	0,08	1,0	0,040	0,015	1,0	16,0 - 18,0	-	-	-

* Range of the concentrations of elements meeting the requirements of EN 10088-2

MECHANICAL AND ELECTRICAL PROPERTIES

Grade	Mechanical properties *					Electrical properties	
	Tensile strength	Yield strength, min	Elongation, min	Hardness, max		Magnetic permeability	Electrical resistance at 20°C
	R_m, MPa	$Rp_{0,2}$, MPa	A_{80}, %	HBW	HRB	μ	Ωxmm²/m
1.4016	450 - 600	260	20	183	89	600 - 1100	0,60

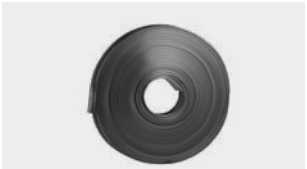
* Range of the mechanical properties meeting the requirements of EN 10088-2 in saturated state

RELATED PRODUCTS

STAINLESS STEEL BANDING BUCKLES

SCREW BANDING TOOL

RATCHET BANDING TOOL


PROTECTIVE RUBBER BAND

STAINLESS STEEL BAND
GRADE 201

Standard: **ASTM A 240**

Edges: **rounded**

Installation of cables, ventilation ducts, masts, poles, road signs; suspension of additional equipment for cable ducts, process piping, poles; packing for transport, bundling of steel and plastic pipes, installation of flexible pipe connections, and many others. Elements used in moderate corrosive environments.

MATERIAL CHARACTERISTICS:

- CORROSION RESISTANCE IN MODERATE AND MILD ENVIRONMENTS
- VERY HIGH MECHANICAL STRENGTH
- HIGH MECHANICAL PROPERTIES FOR EASY CLAMPING WITHOUT LOSS OF MATERIAL
- RESISTANT TO OXIDATION AT HIGH TEMPERATURES
- RESISTANCE TO LOW TEMPERATURES
- SMOOTH FINISH ON ALL SURFACES

USE

Urban and industrial environment with moderate pollution. Internal and external locations with moderate to mild exposure to chlorides. Urban architecture, steel structures, means of transport. Telecommunication masts and electricity transmission network structures. Coal mining industry. Underground structures, road tunnels, underground infrastructure for telecommunications. Food industry plants.

STRAPPING BAND SIZE CHART

Width [mm]	Thickness [mm]	Roll weight [kg]		
		50 m roll	30 m roll	25 m roll
19	0,7	5,2	3,1	2,6
16	0,7	4,4	2,6	2,2
12,7	0,7	3,5	2,1	1,7
9,5	0,6	2,2	1,3	1,1
6,4	0,5	1,3	0,8	0,6
20	0,7	5,5	3,3	2,7
10	0,7	2,8	1,7	1,4
20	0,4	3,1	1,9	1,6
10	0,4	1,6	0,9	0,8

CHEMICAL COMPOSITION

Grade	Pierwiastek, % (max.)*								
	C	Si	P	S	Mn	Cr	Ni	Mo	N
201	0,15	1,0	0,06	0,03	8,5 -11,0	13,0 - 15,0	1,0 - 2,0	0,25	1,0

* Range of the concentrations of elements meeting the requirements for steel grade 201 acc. to ASTM A 240

MECHANICAL AND ELECTRICAL PROPERTIES

Grade	Mechanical properties *					Electrical properties	
	Tensile strength	Yield strength, min	Elongation, min	Hardness, max		Magnetic permeability	Electrical resistance at 20°C
	R_m, MPa	$Rp_{0,2}$, MPa	A_{80}, %	HBW	HRB	μ	Ωxmm²/m
201	600-950	260	40	276	105	1,02	0,70

* Range of mechanical properties meeting the requirements for steel grade 201 acc. to ASTM A 240 in saturated state

RELATED PRODUCTS

STAINLESS STEEL BANDING BUCKLES

SCREW BANDING TOOL

RATCHET BANDING TOOL

PROTECTIVE RUBBER BAND

STAINLESS STEEL BAND
GRADE 1.4301 / AISI 304

Standard: **EN 10088-2**

Edges: **rounded**

Installation of cables, ventilation ducts, masts, poles, road signs; suspension of additional equipment for cable ducts, process piping, poles; packing for transport, bundling of steel and plastic pipes, installation of flexible pipe connections, and many others. Elements used in moderate corrosive environments.

MATERIAL CHARACTERISTICS:

- CORROSION RESISTANCE IN MODERATE AND MILD ENVIRONMENTS
- HIGH MECHANICAL STRENGTH
- OPTIMAL COMBINATION OF CORROSION RESISTANCE AND MECHANICAL PROPERTIES
- RESISTANT TO OXIDATION AT HIGH TEMPERATURES
- RESISTANCE TO LOW TEMPERATURES
- SMOOTH FINISH ON ALL SURFACES

USE

Urban and industrial environment with moderate pollution. Indoor and outdoor locations exposed to the presence of chlorides. Chemical and food industry plants, hospital buildings. Telecommunication masts and electricity transmission network structures. Coal mining industry in areas exposed to the presence of chlorides. Underground structures, road tunnels, underground infrastructure for telecommunications.

STRAPPING BAND SIZE CHART

Width [mm]	Thickness [mm]	Roll weight [kg]		
		50 m roll	30 m roll	25 m roll
19	0,7	5,2	3,1	2,6
16	0,7	4,4	2,6	2,2
12,7	0,7	3,5	2,1	1,7
9,5	0,6	2,2	1,3	1,1
6,4	0,5	1,3	0,8	0,6
20	0,7	5,5	3,3	2,7
10	0,7	2,8	1,7	1,4
20	0,4	3,1	1,9	1,6
10	0,4	1,6	0,9	0,8

CHEMICAL COMPOSITION

Grade	Element, % (max.)*								
	C	Si	P	S	Mn	Cr	Ni	Mo	N
1.4301	0,07	0,75	0,045	0,015	2,0	17,5 - 19,5	8,0 - 10,5	-	0,1

* Range of the concentrations of elements meeting the requirements of EN 10088-2

MECHANICAL AND ELECTRICAL PROPERTIES

Grade	Mechanical properties *					Electrical properties	
	Tensile strength	Yield strength, min	Elongation, min	Hardness, max		Magnetic permeability	Electrical resistance at 20°C
	R_m, MPa	$Rp_{0,2}$, MPa	A_{80}, %	HBW	HRB	μ	Ωxmm²/m
1.4301	540 - 740	230	45	201	92	1,008	0,73

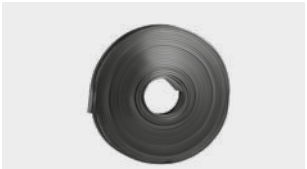
* Range of the mechanical properties meeting the requirements of EN 10088-2 in saturated state

RELATED PRODUCTS

STAINLESS STEEL BANDING BUCKLES

SCREW BANDING TOOL

RATCHET BANDING TOOL


PROTECTIVE RUBBER BAND

STAINLESS STEEL BAND
GRADE 1.4404 / AISI 316L

Standard: **EN 10088-2**

Edges: **rounded**

Installation of cables, ventilation ducts, masts, poles, road signs; suspension of additional equipment for cable ducts, process piping, poles; packing for transport, bundling of steel and plastic pipes, installation of flexible pipe connections, and many others. Elements used in very aggressive corrosive environments. Indoor and outdoor locations with high humidity and presence of chlorides.

MATERIAL CHARACTERISTICS:

- HIGH MECHANICAL STRENGTH
- MEETS THE REQUIREMENTS FOR THE MOST DEMANDING WORK ENVIRONMENTS
- RESISTANT TO OXIDATION AT HIGH TEMPERATURES
- RESISTANCE TO LOW TEMPERATURES
- SMOOTH FINISH ON ALL SURFACES

USE

Marine and coastal environments. Marine equipment. Highly polluted urban and industrial environment. Direct location of roads where road salt is used. Elements protected from natural washing by rainfall. Plants with high emission of pollutants, chemical, petrochemical, pulp and paper as well as textile industries.

Coal and copper ore mining industry in areas exposed to the presence of chlorides. Areas exposed to combustion gases containing sulphates. Underground structures, road tunnels.

STRAPPING BAND SIZE CHART

Width [mm]	Thickness [mm]	Roll weight [kg]		
		50 m roll	30 m roll	25 m roll
19	0,7	5,2	3,1	2,6
16	0,7	4,4	2,6	2,2
12,7	0,7	3,5	2,1	1,7
9,5	0,6	2,2	1,3	1,1
6,4	0,5	1,3	0,8	0,6
20	0,7	5,5	3,3	2,7
10	0,7	2,8	1,7	1,4
20	0,4	3,1	1,9	1,6
10	0,4	1,6	0,9	0,8

CHEMICAL COMPOSITION

Grade	Element, % (max.)*								
	C	Si	P	S	Mn	Cr	Ni	Mo	N
1.4401	0,07	0,75	0,045	0,015	2,0	16,5 - 18,0	10,0 - 13,0	2,0 - 2,5	0,1

* Range of the concentrations of elements meeting the requirements of EN 10088-2

MECHANICAL AND ELECTRICAL PROPERTIES

Grade	Mechanical properties *					Electrical properties	
	Tensile strength	Yield strength, min	Elongation, min	Hardness, max		Magnetic permeability	Electrical resistance at 20°C
	R_m, MPa	$Rp_{0,2}$, MPa	A_{80}, %	HBW	HRB	μ	Ωxmm²/m
1.4401	530 - 680	240	40	217	95	1,008	0,75

* Range of the mechanical properties meeting the requirements of EN 10088-2 in saturated state

RELATED PRODUCTS

STAINLESS STEEL BANDING BUCKLES

SCREW BANDING TOOL

RATCHET BANDING TOOL

PROTECTIVE RUBBER BAND

STAINLESS STEEL BANDING BUCKLES
FOR STRAPPING BANDS: STEEL GRADE: AISI 304, 201

Buckle type: Ear-Lock, L-Type

Element used to band tensioned stainless steel strapping. Banding buckles are widely used in the power industry, telecommunications, road construction, aviation, military industry, food industry and coal mining. They are made of stainless steel resistant to corrosion, UV radiation and harsh weather conditions. They are also resistant to mechanical factors such as vibrations and high loads. High quality and precise manufacturing of the banding buckles allow for convenient band installation without damage. They work well in urban and industrial environments with moderate pollution. Indoor and outdoor locations exposed to the presence of chlorides. A wide variety of sizes of buckles allows them to be perfectly matched to all types and sizes of our bands.

PRODUCT CHARACTERISTICS:

- HIGH STRENGTH AND DURABILITY
- RESISTANT TO HIGH AND LOW TEMPERATURES
- RESISTANT TO RUPTURE
- RESISTANT TO HIGH LOADS
- RESISTANT TO VIBRATIONS
- MADE OF STAINLESS STEEL
- UV-RESISTANT
- CORROSION-RESISTANT

TECHNICAL DATA

Width	Thickness	Type	Steel grade	Quantity per pack
19 mm (3/4")	1,5 mm (.059")	Ear-Lock	AISI 304, 201	100 pcs.
16 mm (5/8")	1,5 mm (.059")	Ear-Lock	AISI 304, 201	100 pcs.
	1,0 mm (.039")	Ear-Lock	AISI 304, 201	100 pcs.
12,7 mm (1/2")	1,5 mm (.059")	Ear-Lock	AISI 304, 201	100 pcs.
	1,0 mm (.039")	Ear-Lock	AISI 304, 201	100 pcs.
9,5 mm (3/8")	1,2 mm (.047")	Ear-Lock	AISI 304, 201	100 pcs.
	1,0 mm (.039")	Ear-Lock	AISI 304, 201	100 pcs.
6,4 mm (1/4")	0,8 mm (.031")	L-Type	AISI 304, 201	100 pcs.
20 mm (25/32")	1,0 mm (.039")	L-Type	AISI 304, 201	100 pcs.
10 mm (25/64")	1,0 mm (.039")	L-Type	AISI 304, 201	100 pcs.

* Thickness tolerance +/- 0,1 mm

RELATED PRODUCTS

STRAPPING BANDS

SCREW BANDING TOOL

RATCHET BANDING TOOL

XL STAINLESS STEEL BAND
GRADE 1.4301 / AISI 304

Standard: **EN 10088-2**

Edges: **rounded**

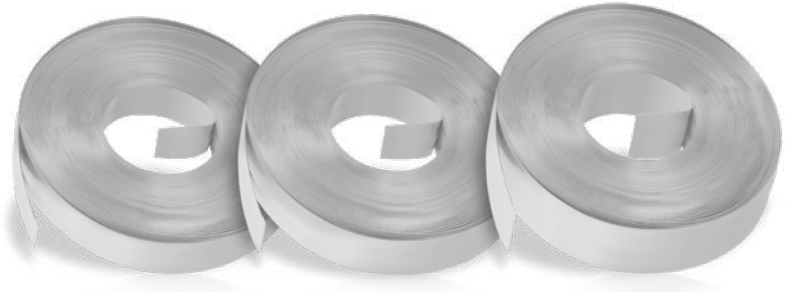
Installation of railroad and tramway power lines, trenchless sewer rehabilitation. Elements used in moderate corrosive environments. Urban and industrial environment with moderate pollution. Indoor and outdoor locations exposed to the presence of chlorides. Chemical and food processing plants, water supply companies. Telecommunication masts and electricity transmission network structures. Coal mining industry in areas exposed to the presence of chlorides. Underground structures, road tunnels, underground infrastructure for the power industry.

MATERIAL CHARACTERISTICS:

- CORROSION RESISTANCE IN MODERATE AND MILD ENVIRONMENTS
- HIGH MECHANICAL STRENGTH
- OPTIMAL COMBINATION OF CORROSION RESISTANCE AND MECHANICAL PROPERTIES
- RESISTANT TO OXIDATION AT HIGH TEMPERATURES
- RESISTANCE TO LOW TEMPERATURES
- SMOOTH FINISH ON ALL SURFACES

TECHNICAL DATA

Width	Thickness	Weight	Steel grade	Length
19,0 mm (3/4")	1,2 mm (.047")	5,5 kg	AISI 304	30 m
	1,0 mm (.039")	4,6 kg	AISI 304	30 m
25,0 mm (1")	1,0 mm (.039")	6,0 kg	AISI 304	30 m
32,0 mm (1 1/4")	1,0 mm (.039")	7,7 kg	AISI 304	30 m



CHEMICAL COMPOSITION

Grade	Element, % (max.)*								
	C	Si	P	S	Mn	Cr	Ni	Mo	N
1.4301	0,07	0,75	0,045	0,015	2,0	17,5 - 19,5	8,0 - 10,5	-	0,1

* Range of the concentrations of elements meeting the requirements of EN 10088-2

MECHANICAL AND ELECTRICAL PROPERTIES

Grade	Mechanical properties *					Electrical properties	
	Tensile strength	Yield strength, min	Elongation, min	Hardness, max		Magnetic permeability	Electrical resistance at 20°C
	Rm, MPa	Rp0,2, MPa	A80, %	HBW	HRB	μ	Ωxmm2/m
1.4301	540 – 740	230	45	201	92	1,008	0,73

* Range of the mechanical properties meeting the requirements of EN 10088-2 in saturated state

RELATED PRODUCTS

XL BANDING BUCKLES

STAINLESS STEEL BANDING BUCKLES
FOR XL STRAPPING BAND; STEEL GRADE: AISI 304

Buckle type: Ear-Lock XL

Element used to band tensioned XL strapping. Banding buckles are widely used in the power industry, telecommunications, road construction, railways, military industry, food industry and coal mining. They are made of stainless steel resistant to corrosion, UV radiation and harsh weather conditions. They are also resistant to mechanical factors such as vibrations and high loads. High quality and precise manufacturing of the banding buckles allow for convenient band installation without damage. They work well in urban and industrial environments with moderate pollution. Indoor and outdoor locations exposed to the presence of chlorides. Designed exclusively for XL type stainless steel strapping bands.

PRODUCT CHARACTERISTICS:

- HIGH STRENGTH AND DURABILITY
- RESISTANT TO HIGH AND LOW TEMPERATURES
- RESISTANT TO RUPTURE
- RESISTANT TO HIGH LOADS
- RESISTANT TO VIBRATIONS
- MADE OF STAINLESS STEEL
- UV-RESISTANT
- CORROSION-RESISTANT
- DESIGNED FOR XL BANDS

TECHNICAL DATA

Width	Thickness	Steel grade	Quantity per pack
19,0 mm (3/4")	2,4 mm (.094")	AISI 304	25 pcs.
25,0 mm (1")	2,4 mm (.094")	AISI 304	25 pcs.
32,0 mm (1 1/4")	2,4 mm (.094")	AISI 304	25 pcs.

* Thickness tolerance +/- 0,1 mm

RELATED PRODUCTS

XL STAINLESS STEEL STRAPPING BAND

SCREW BANDING TOOL

The Loob screw banding tool is used to tension stainless steel bands with width of up to 20 mm in all steel grades offered by Loob. It is made of corrosion-resistant galvanized steel. The tool also has built-in blades for cutting through stainless steel. It is used together with banding buckles. The banding machine is suitable for use in a variety of environments.

USER'S MANUAL

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TECHNICAL DATA

Mechanism	Band width range:	Band thickness range:	Dimensions:
Manual	6,4mm-20mm	0,25mm-0,8mm	220x300x60mm

THE BANDING TOOL IS EQUIPPED WITH A REPLACEABLE BLADES SYSTEM AND BEARINGS

RELATED PRODUCTS

STRAPPING BANDS

BANDING BUCKLES

RATCHET BANDING TOOL

The Common Type Loob ratchet banding tool is designed for working with stainless steel straps of any type, with the width from 6.4 mm to 20 mm used, for example, to install elements on power and telecommunication poles.

It is made of corrosion-resistant galvanized steel with plastic elements.

The tool has a built-in blades system for cutting strapping bands to greatly facilitate installation.

The banding tool is very simple and convenient to use.

TECHNICAL DATA

Mechanism	Band width range:	Band thickness range:
Manual	6,4 mm - 20 mm	0,25 mm - 0,7 mm

RELATED PRODUCTS

STRAPPING BANDS

BANDING BUCKLES

PLASTIC DISPENSER
FOR STRAPPING BANDS

Dimensions: **290x250x30 mm**

Weight: **150g**

Material: **plastic**

The Loob plastic dispenser is a convenient and compact item for storing and dispensing Loob stainless steel strapping bands.

The large and convenient dispenser handle allows for comfortable use, the dispenser itself also serves as a protection against mechanical damage to the bands.

PRODUCT CHARACTERISTICS:

- BAND WIDTH RANGE: 20 MM - 6.4 MM
- BAND THICKNESS RANGE: 0.7 MM - 0.4 MM
- LARGE COMFORTABLE HANDLE
- MADE ENTIRELY OF PLASTIC
- ATTRACTIVE DESIGN
- LIGHTWEIGHT
- STURDY BUCKLES
- HIGH QUALITY WORKMANSHIP

PACKAGING CUSTOMIZATION OPTIONS AVAILABLE:

- embossing the distributor's logo on the dispenser

- affixing the distributor's logo by means of a sticker

- change of dispenser colour

RELATED PRODUCTS

STRAPPING BANDS

PROTECTIVE RUBBER BAND
FOR STEEL STRAPPING

The protective rubber band is an item used to protect delicate components from damage when mounting Loob stainless steel strapping bands on them.

The protective band serves as a sleeve, which is applied on the steel band during installation, thus protecting the components on which the Loob stainless steel strapping band is mounted from damage.

This type of protection is used, for example, on power, lighting and traffic signal poles.

PRODUCT CHARACTERISTICS:

- COLOUR: BLACK
- DEDICATED BAND WIDTHS: 20MM, 10MM
- MADE ENTIRELY OF HIGH QUALITY RUBBER
- SIMPLE INSTALLATION
- LIGHTWEIGHT
- HIGH QUALITY WORKMANSHIP
- UV RESISTANT

TECHNICAL DATA

Band width [mm]	Roll length [m]	Weight [kg]
10	10	0,315
20	10	0,660

RELATED PRODUCTS

STRAPPING BANDS

STAINLESS STEEL WORM DRIVE CLAMP BAND

STEEL GRADE: AISI 304, AISI 430

This product is used to make your own worm drive hose clamps. This solution enables fabricating a hose clamp of any diameter. Made of stainless steel. Special worm drive buckles are required for complete installation.

The worm drive clamp band has a very wide range of applications such as in automotive workshops or in the hydraulic industry for attaching hoses, ducts and air lines.

High quality materials allows the band to be used in harsh environments.

PRODUCT CHARACTERISTICS:

- HIGH STRENGTH AND DURABILITY
- RESISTANT TO HIGH AND LOW TEMPERATURES
- RESISTANT TO RUPTURE
- UV-RESISTANT
- CORROSION-RESISTANT
- MADE OF STAINLESS STEEL
- EASY INSTALLATION

TECHNICAL DATA

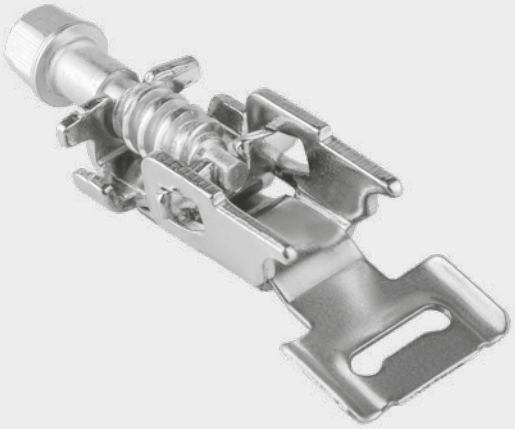
Width	Thickness	Steel grade	Roll length	Type of packaging
12 mm	0,6 mm	AISI 304, AISI 430	30 m	Box
9 mm	0,6 mm	AISI 304, AISI 430	30 m	Plastic dispenser

RELATED PRODUCTS

BUCKLES FOR WORM DRIVE CLAMP BANDS

FIXING BUCKLES FOR WORM DRIVE CLAMP BANDS

STEEL GRADE: AISI 304, AISI 430



Buckle type: worm drive

This element is used to conveniently tighten stainless steel worm drive clamp bands with a screwdriver. The buckles are made of high quality stainless steel.

The worm drive mechanism of the buckle allows for precise adjustment of the tension of the hose clamp band.

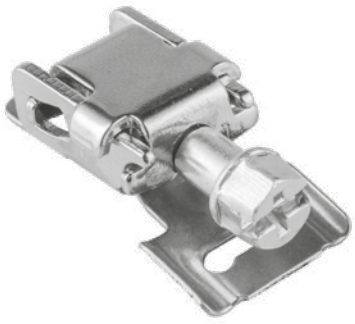
These buckles are used in many industries – wherever worm drive hose clamps are used, e.g. in car repair shops and hydraulic industry.

PRODUCT CHARACTERISTICS:

- HIGH STRENGTH AND DURABILITY
- RESISTANT TO HIGH AND LOW TEMPERATURES
- RESISTANT TO VIBRATIONS
- MADE OF STAINLESS STEEL
- UV-RESISTANT
- CORROSION-RESISTANT
- DESIGNED FOR WORM DRIVE CLAMP BANDS
- EASY TO INSTALL

TECHNICAL DATA

Width	Steel grade	Quantity per pack
12 mm	AISI 304, AISI 430	50 pcs.
9 mm	AISI 304, AISI 430	50 pcs.



RELATED PRODUCTS

WORM DRIVE CLAMP BAND

BALL-LOCK CABLE TIES

CABLE TIES
BALL-LOCK TYPE

Ball-lock cable ties made of AISI 304 stainless steel, 201 provide excellent resistance to high temperatures, corrosion and extraordinary resistance to UV radiation. These cable ties are very easy to install.

EXAMPLE USE:

- fixing of cables and pipes in shipbuilding, petrochemical plants, offshore platforms and fire risk environments
- „electrical safety" markings in identification label installation (e.g. fire extinguishing system) which must be maintained in the event of fire
- installations where high mechanical and UV resistance is required

The ties can can be fastened manually or with a dedicated tool. The ties have rounded edges to increase safety during application and protect against damage to the electrical cable insulation.

TECHNICAL DATA

Material:	AISI 304, 201 stainless steel
Material flammability:	non-flammable
Moisture absorption:	not applicable
Operating temperature:	-80 °C ÷ +538 °C
Resistance:	moderate resistance to acids, seawater, oils, greases, chemicals, solvents. High UV resistance.

SIZE CHART

Steel grade	Length [mm]	Width [mm]	Bundle diameter [mm]	Tensile strength [kg]	Packaging [pcs]
AISI 304, 201	**1200**	7,9	360	81	100
AISI 304, 201	**1050**	7,9	310	81	100
AISI 304, 201	**750**	7,9	191	81	100
AISI 304, 201	**600**	7,9	154	81	100
AISI 304, 201	**400**	7,9	102	81	100
AISI 304	**300**	7,9	76	81	100
AISI 304	**200**	7,9	50	81	100

Steel grade	Length [mm]	Width [mm]	Bundle diameter [mm]	Tensile strength [kg]	Packaging [pcs]
AISI 304, 201	**400**	4,5	102	61	100
AISI 304, 201	**350**	4,5	89	61	100
AISI 304, 201	**300**	4,5	76	61	100
AISI 304, 201	**250**	4,5	63	61	100
AISI 304, 201	**200**	4,5	50	61	100
AISI 304, 201	**150**	4,5	37	61	100

RELATED PRODUCTS

STEEL TIE CRIMPER

LABEL PLATES

BALL-LOCK TIE TENSIONER

STEEL TIE CRIMPER
BALL-LOCK TYPE

The tool is used to quickly and economically install stainless steel ball-lock cable ties. It automatically cuts ties up to 7.9 mm wide and 0.3 mm thick. It also enables adjusting the tension with a knob located on the bottom of the handle.

This tool is ideal for use in industrial installations, power industry and telecommunications. Allows the tie loop to be tightened and automatically cut off when the required tension is reached.

It is a fast and effective tool with a guarantee of five thousand full tie tightening operations, including cutting.

TECHNICAL DATA

Material:	Dimensions:	Weight:	Max. tie width:	Max. tie thickness:	Tie type:	Guaranteed cycles
metal, plastic	178x140x29 mm	0,56 kg	7,9 mm	0,3 mm	uncoated and coated	5000

RELATED PRODUCTS

BALL-LOCK CABLE TIES

BALL-LOCK TIE TENSIONER

Tool for tensioning and cutting stainless steel cable ties. Resistant to corrosion and oxidation. Ideally suited for Ball-lock ties made from various grades of stainless steel. The handle can be used to adjust the level of tension on the tie as needed, the built-in mechanism cuts off the excess section of the tie.

The tool is very simple and quick to use.

USER'S MANUAL

1

2

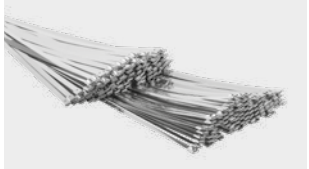
3

4

TECHNICAL DATA

Minimum tie width:	4,6 mm
Maximum tie width:	7,9 mm
Maximum tie thickness:	0,4 mm
Tie type:	uncoated and coated
Mechanism:	manual

RELATED PRODUCTS



BALL-LOCK CABLE TIES

ROAD CONSTRUCTION PRODUCTS

TRAFFIC SIGN HOLDER
TYPE: EDGE

The edge holder is an element used for simple installation of road signs. It is made of galvanized steel. The clamping part of the holder ensures a stable and permanent attachment of the traffic signs.

Two edge holders are required to properly and safely mount one traffic sign.

PRODUCT CHARACTERISTICS:

- MADE OF GALVANIZED STEEL
- EASY INSTALLATION
- HIGH QUALITY WORKMANSHIP
- IMPACT RESISTANT
- CORROSION-RESISTANT

TRAFFIC SIGN HOLDER
TYPE: UNIVERSAL (WAVE)

The universal wave holder is an element used for the simple installation of traffic signs. It is made of galvanized steel. This type of holder is designed for signs with reinforcement (bar or rail) on the back of the sign. The holder is first attached to the sign and then to the post.

Two universal holders are required to properly and securely mount one traffic sign.

PRODUCT CHARACTERISTICS:

- MADE OF GALVANIZED STEEL
- EASY INSTALLATION
- HIGH QUALITY WORKMANSHIP
- IMPACT RESISTANT
- CORROSION-RESISTANT
- DESIGNED FOR SIGNS WITH REINFORCEMENT

AUGER
HOLDER FOR EMERGENCY SIGNAGE

The auger holder allows for quick and stable installation of signage markings in soft ground (roadsides, green belts, lawns, pavement after removing cobblestones, etc.).

Replaces concrete and rubber road bases, which are very unwieldy to transport and handle due to their weight and size.

With two stabilizing screws, the auger holder provides stability for installed signs.

It is suitable for 1.5” and 2” traffic sign posts

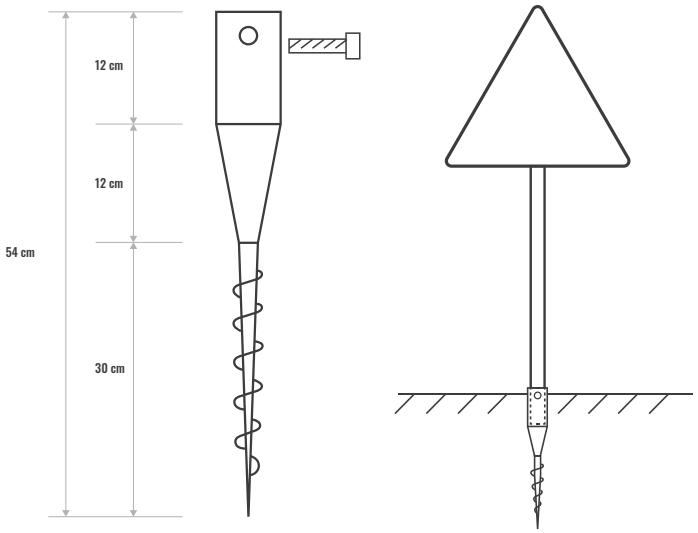
A special rod for auger installation is included.

PRODUCT CHARACTERISTICS:

- MADE OF CARBON STEEL
- PROTECTED WITH ANTICORROSIVE PAINT
- BLACK
- EASY INSTALLATION
- HIGH QUALITY WORKMANSHIP
- IMPACT RESISTANT
- CORROSION-RESISTANT
- TWO STABILIZING SCREWS

PRODUCT DIMENSIONS

Overall length:	540 mm
Holding socket length	240 mm
Auger length:	300 mm
Hole diameter:	62 mm



MOUNTING SLEEVE
FOR ROAD SIGNS

The mounting sleeve is used to quickly install and remove road signs in places exposed to frequent damage, e.g. as a result of traffic accidents, by turning lorries, intentional damage or in places where signage is often changed.

These sleeves will also be of use in places such as:

- traffic islands
- pedestrian refuges
- bridges
- lane dividers
- in places with changed traffic organization, e.g. cemeteries during All Saints' Day

PRODUCT CHARACTERISTICS:

- MADE OF CAST IRON
- SPECIAL ADAPTER
- HIGH QUALITY WORKMANSHIP
- IMPACT RESISTANT
- CORROSION-RESISTANT

SLEEVE INSTALLATION IN THE GROUND:

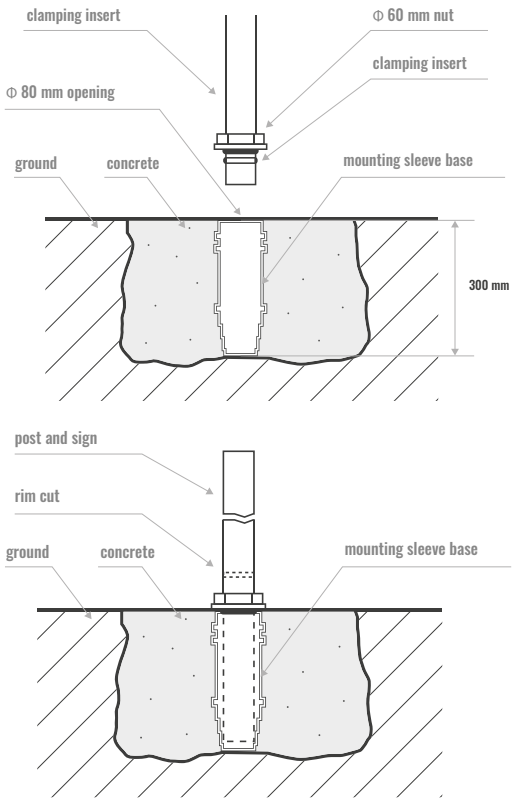
For maximum stability and strength, the base of the sleeve should be placed in a previously excavated hole.

The sleeve should then be set upright and the space around the sleeve filled with cement flush with the top edge of the mounting sleeve base.

Remember to protect the sleeve opening from concrete.

SIGN INSTALLATION IN THE SLEEVE:

The sleeve allows for mounting traffic signs on 1.5" and 2" posts. Place the nut and the clamping insert on the post. Then place the post in the sleeve base and tighten the nut.



POWER INDUSTRY PRODUCTS

LABEL PLATES

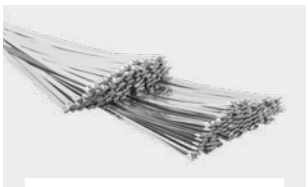
Material: **aluminium**

Information and warning signs and plates for labelling power equipment are made according to the standards of power operators: Enea, Energa, PGE, Tauron and Innogy. The basic content on the plates is embossed.
They are characterized by high durability against weather conditions in Poland. Made of aluminium sheets protected by UV-resistant paint.
We have the ability to emboss any content, according to customer guidelines.
The plates have special mounting holes for 9.5 mm Loob stainless steel bands, 7.9 mm stainless steel Ball-Lock ties or rivets.

PRODUCT CHARACTERISTICS:

- MADE OF ALUMINIUM
- RESISTANT TO HIGH AND LOW TEMPERATURES
- RESISTANT TO VIBRATIONS
- PROTECTED WITH UV-RESISTANT PAINT
- UV-RESISTANT
- CORROSION-RESISTANT
- EASY TO INSTALL

RELATED PRODUCTS



BALL-LOCK CABLE TIES

STEEL TIE CRIMPER