



**GC METAL**

Securing Europe

**Catalogue 2016**

**Razor wire, extension arms and accessories**

[www.gcmetal.pl](http://www.gcmetal.pl)

[www.zasiekiconcertina.pl](http://www.zasiekiconcertina.pl)

[www.drutostrzowy.pl](http://www.drutostrzowy.pl)

# CONTENTS

---

About us	2-3
001.01. Concertina	
ø450mm	5
ø730mm / ø600mm	6
ø980mm	7
001.02. Flat razor wire	
ø500mm	8
ø700mm	8
ø900mm	8
001.03. Single coil razor wire	
ø300mm	9
ø450mm	9
001.04. Straight razor wire, razor tape	10
001.05. Razor mesh	
diagonal-form mesh size 300x150mm	11
diagonal-form mesh size 225x150mm	12
001.06. Accessories	
standard clips, manual clip applicators	13
semi-automated clips, semi-automated applicators	14
gloves and sleeve protectors	15
razor wire gloves	16
Design department	17
001.07. Extension arms	
bavolet 45°, straight, "Y"	18
"h" and "L" type	19
"V" type	20
001.08. Fence accessories	21
Contact	26



## ABOUT US

Unchangeably since 2014, we have been one of the largest manufacturers and distributors of products from razor wire in Poland and one of the major ones in Europe. These products are commonly used as supplements for fences of prisons or military facilities. We are also present in the sector of road traffic safety devices, in which we are the largest producers of pavement barriers and road signs in Poland. Complement to our offer is the trade in steel products and the production for the needs of companies manufacturing steel constructions.

The motto "Securing Europe" is a clear reflection of our passion for securing industry facilities and our influence on the improvement of road safety. Our vision is to secure the users of our solutions. We want to achieve it through deliveries of superbly made and functional fencing, barriers, posts and other products in our offer.



We are a young, dynamically developing company running pan-European operations. Despite our only several years' activity, we are very pleased to present the testimonials from the deliveries of our products to such countries as Germany, Italy, France, the Czech Republic, the Slovak Republic, Slovenia, Hungary, Austria, Switzerland and Russia. It is our ambition to become an intercontinental company, which is proven by the already completed, first deliveries to Iraq or the Maghreb countries. The quality and the scale of operations is proven by the fact that since 2015 we have been an official supplier of perimeter security systems for NATO.

We distinguish ourselves in the market by our comprehensiveness, large production capacity and a wide range of products. Based on our more and more growing experience, we have established our own design department and an in-house laboratory. Owing to this, our products distinguishes the highest quality of finish.

The fast and balanced development we owe to the creativity of our employees. We think innovatively and adapt to the client. Owing to the cooperation with the biggest fencing or road infrastructure companies or European tycoons from steel industry, our offer consists already of more than 3000 products, of which 20% are our own unique solutions. A wide selection of products allows us to supply comprehensively installation companies from fencing and road infrastructure industry as well as steelwork contractors or developers and construction companies.

Our competitive advantage often results from the fact that we have on stock the most of products, which we offer. We deliver to any location in Europe, using our own transport or the services of transportation companies. We provide services both to individual clients and big wholesalers. In 2015 we completed a few thousands of orders. We'd love to complete yours.

**GC METAL MANAGEMENT**



## GC METAL CUSTOMERS





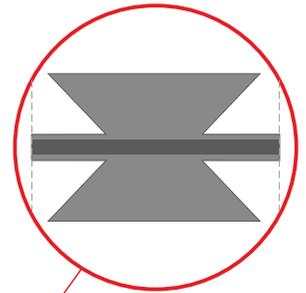
# Razor wire, extension arms and accessories

- ▲ **CONCERTINA**
- ▲ **FLAT RAZOR WIRE**
- ▲ **SINGLE COIL RAZOR WIRE**
- ▲ **STRAIGHT RAZOR WIRE**
- ▲ **RAZOR MESH**
- ▲ **ACCESSORIES**
- ▲ **EXTENSION ARMS**
- ▲ **FENCE ACCESSORIES**

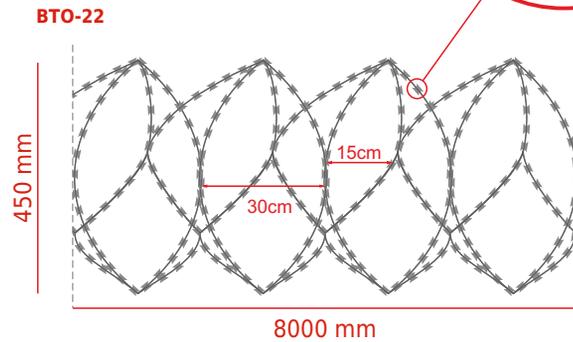
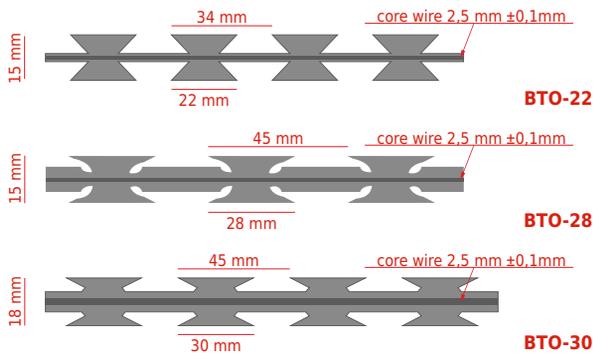


**001.01.01**

**CONCERTINA**  
small crossed-type razor wire



Types of blades:



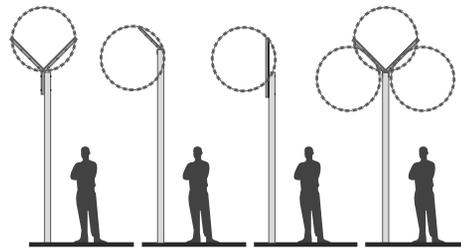
**stable**

spring wire plus an appropriate connection with special clips make a stable construction in the shape of a cylinder



**mechanical barrier**

it is ideally suited for perimeter protection systems



**concertina ø450 mm**

toppings of fences of industry facilities and military security strips

Ø 450mm **BTO-30** 8m ±2m  
galvanized 240/200/120  
001.01.01.151

Ø 450mm **BTO-22** 8m ±2m  
galvanized 200/240/40  
001.01.01.321

Ø 450mm **BTO-28** 8m ±2m  
galvanized 200/240/40  
001.01.01.341

Ø 450mm **BTO-28** 8m ±2m  
galvanized 200/240/SS  
001.01.01.380

Ø 450mm **BTO-28** 8m ±2m  
stainless steel SS304/SS304/SS  
001.01.01.300

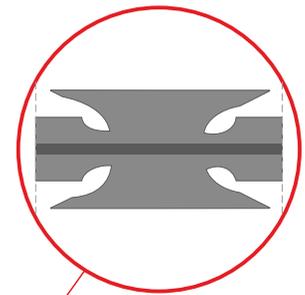


Name	Material	Outside diameter	Installation length	Thickness of blade	Wire diameter	Main blade types	Option
CROSSED-TYPE CONCERTINA	galvanized 240/200/120	Ø 450mm, 3 clips	8 m ±2m (54 coils)	0,5 mm ± 0,1mm	2,2 mm ± 0,1mm	BTO-30	powder coating
CROSSED-TYPE CONCERTINA	galvanized 200/240/40	Ø 450mm, 3 clips	8 m ±2m (54 coils)	0,5 mm ± 0,1mm	2,4 mm ± 0,1mm	BTO-22	powder coating
CROSSED-TYPE CONCERTINA	galvanized 200/240/40 galvanized 200/240/SS stainless steel SS304/SS304/SS	Ø 450mm, 3 clips	8 m ±2m (54 coils)	0,5 mm ± 0,1mm 0,45 mm ± 0,1mm 0,5 mm ± 0,1mm	2,4 mm ± 0,1mm	BTO-28	powder coating

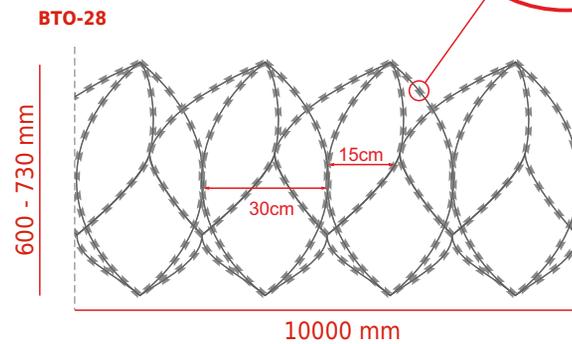
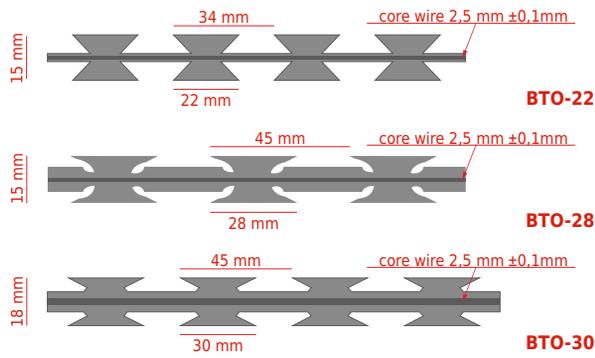


**001.01.02**

**CONCERTINA**  
medium crossed-type razor wire



Types of blades:



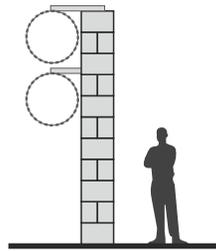
**stable**

spring wire plus an appropriate connection with special clips make a stable construction in the shape of a cylinder



**durability for many years**

high quality zinc coatings

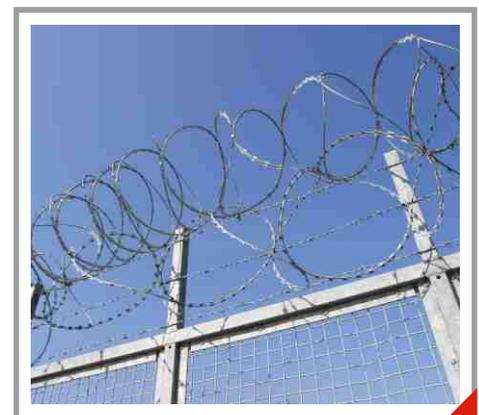
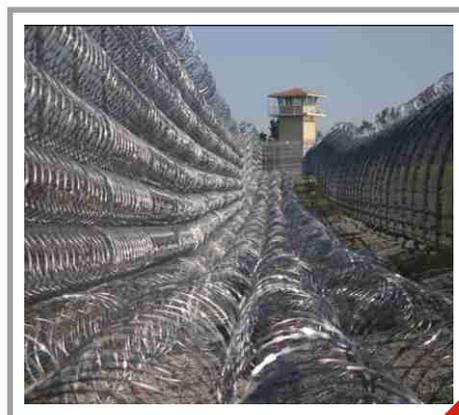


**concertina ø730 mm / ø600 mm**

securing internal partition walls of correctional units and remand centres

- Ø 730mm **BTO-30** 10m ±2m galv. 240/200/120 001.01.02.152
- Ø 730mm **BTO-22** 10m ±2m galv. 200/240/40 001.01.02.321
- Ø 730mm **BTO-28** 10m ±2m galv. 200/240/40 001.01.02.341
- Ø 730mm **BTO-28** 10m ±2m galv. 200/240/SS 001.01.02.380
- Ø 730mm **BTO-28** 10m ±2m stainless steel SS304/SS304/SS 001.01.02.300

- Ø 600mm **BTO-30** 10m ±2m galv. 240/200/120 001.01.04.152
- Ø 600mm **BTO-22** 10m ±2m galv. 200/240/40 001.01.04.321
- Ø 600mm **BTO-28** 10m ±2m galv. 200/240/SS 001.01.04.380

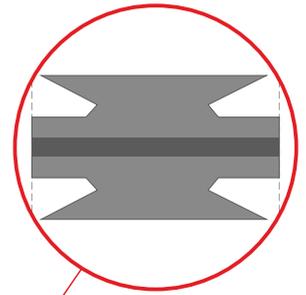


Name	Material	Outside diameter	Installation length	Thickness of blade	Wire diameter	Main blade types	Option
CROSSED-TYPE CONCERTINA	galvanized 240/200/120	Ø 600mm / Ø 730mm, 5 clips	10 m ±2m (54 coils)	0,5 mm ± 0,1mm	2,2 mm ± 0,1mm	BTO-30	powder coating
CROSSED-TYPE CONCERTINA	galvanized 200/240/40	Ø 600mm / Ø 730mm, 5 clips	10 m ±2m (54 coils)	0,5 mm ± 0,1mm	2,4 mm ± 0,1mm	BTO-22	powder coating
CROSSED-TYPE CONCERTINA	galvanized 200/240/40 galvanized 200/240/SS stainless steel SS304/SS304/SS	Ø 600mm / Ø 730mm, 5 clips	10 m ±2m (54 coils)	0,5 mm ± 0,1mm 0,45 mm ± 0,1mm 0,5 mm ± 0,1mm	2,4 mm ± 0,1mm	BTO-28	powder coating

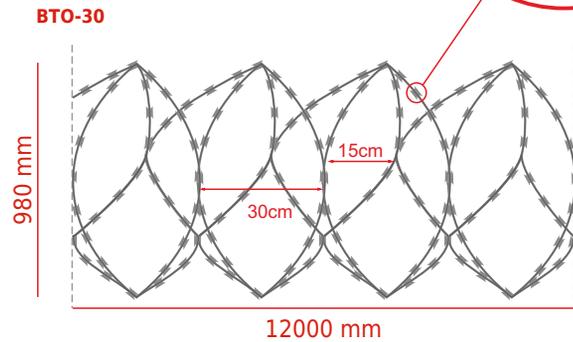
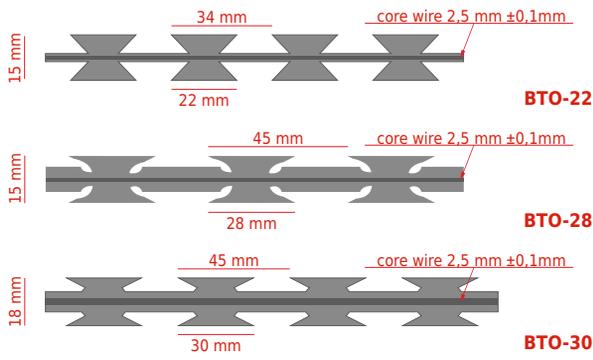


**001.01.03**

**CONCERTINA**  
large crossed-type razor wire



Types of blades:



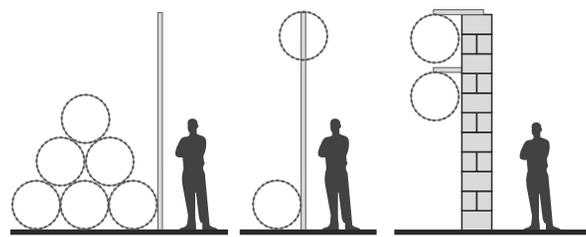
**very sharp**

closely spaced blades are as sharp as a razor



**crossed-type**

installed in front of a fence barrier creates a kind of crossed-type barrier, which is difficult to overcome



**concertina ø980 mm**

making mobile barriers, substitute for panel fencing at national borders

- Ø 980mm **BTO-30** 12m ±2m galvanized 240/200/120  
001.01.03.151
- Ø 980mm **BTO-22** 12m ±2m galvanized 200/240/40  
001.01.03.321
- Ø 980mm **BTO-28** 12m ±2m galvanized 200/240/40  
001.01.03.351
- Ø 980mm **BTO-28** 12m ±2m galvanized 200/240/SS  
001.01.03.380
- Ø 980mm **BTO-28** 12m ±2m stainless steel SS304/SS304/SS  
001.01.03.300

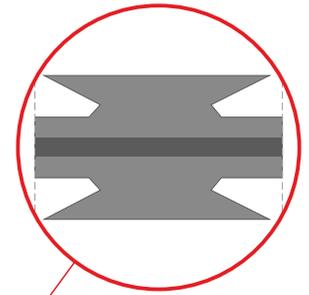


Name	Material	Outside diameter	Installation length	Thickness of blade	Wire diameter	Main blade types	Option
CROSSED-TYPE CONCERTINA	galvanized 240/200/120	Ø 980mm, 5 clips	12 m ±2m (54 coils)	0,5 mm ± 0,1mm	2,2 mm ± 0,1mm	BTO-30	powder coating
CROSSED-TYPE CONCERTINA	galvanized 200/240/40	Ø 980mm, 5 clips	12 m ±2m (54 coils)	0,5 mm ± 0,1mm	2,4 mm ± 0,1mm	BTO-22	powder coating
CROSSED-TYPE CONCERTINA	galvanized 200/240/40 galvanized 200/240/SS stainless steel SS304/SS304/SS	Ø 980mm, 5 clips	12 m ±2m (54 coils)	0,5 mm ± 0,1mm 0,45 mm ± 0,1mm 0,5 mm ± 0,1mm	2,4 mm ± 0,1mm	BTO-28	powder coating

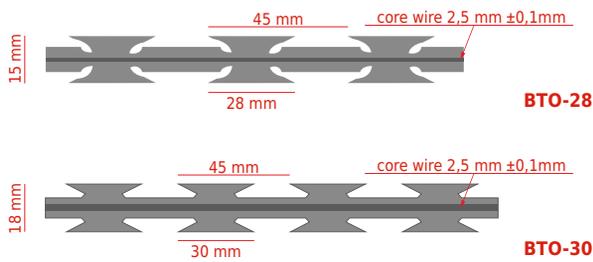


**001.02**

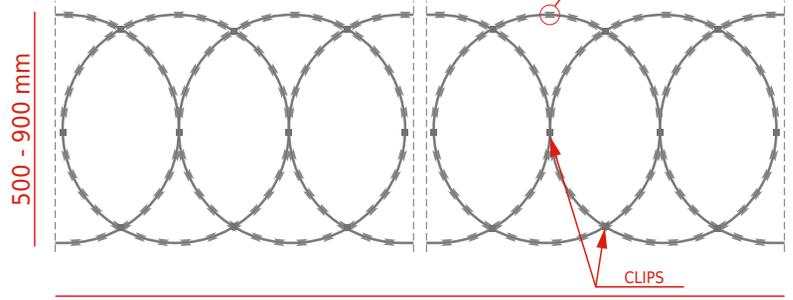
**FLAT RAZOR WIRE**  
clipped circles of razor wire



Types of blades:



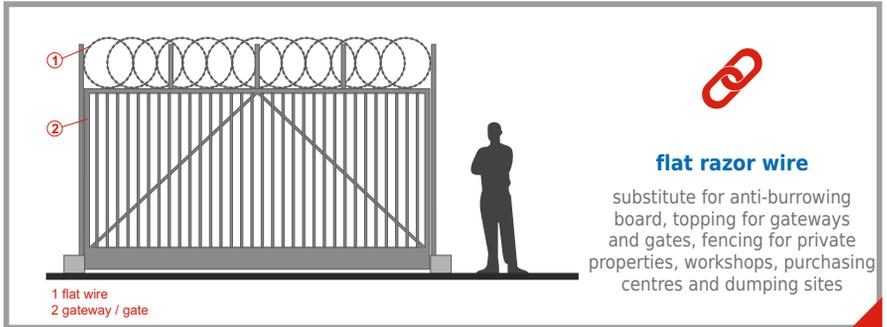
**BTO-30**



15000 mm



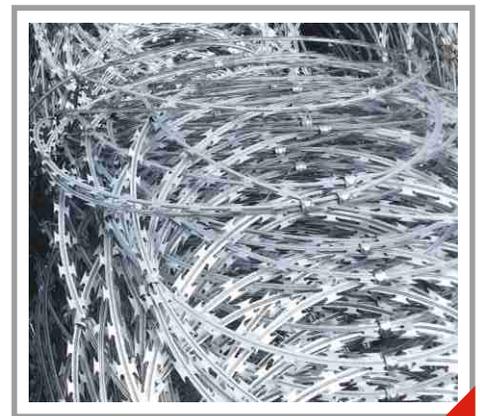
**Flat razor wire** is a razor wire construction in the form of overlapping rings, making after stretching a 15 meter barrier, resembling the rings of the Olympic flag. Rings vertical to the plane of a wire are connected with clips in the number of at least 2 per ring.



**flat razor wire**

substitute for anti-burrowing board, topping for gateways and gates, fencing for private properties, workshops, purchasing centres and dumping sites

- Ø 500mm **BTO-30** galv. 240/200/120  
001.02.01.152
- Ø 500mm **BTO-28** galv. 200/240/40  
001.02.01.341
- Ø 500mm **BTO-28** galv. 200/240/SS  
001.02.01.380
- Ø 500mm **BTO-28** stainless steel SS304/SS304/SS  
001.02.01.300
- Ø 700mm **BTO-30** galv. 240/200/120  
001.02.02.152
- Ø 700mm **BTO-28** galv. 200/240/40  
001.02.02.341
- Ø 700mm **BTO-28** galv. 200/240/SS  
001.02.02.380
- Ø 700mm **BTO-28** stainless steel SS304/SS304/SS  
001.02.02.300
- Ø 900mm **BTO-30** galv. 240/200/120  
001.02.03.152
- Ø 900mm **BTO-28** galv. 200/240/40  
001.02.03.341
- Ø 900mm **BTO-28** galv. 200/240/SS  
001.02.03.380
- Ø 900mm **BTO-28** stainless steel SS304/SS304/SS  
001.02.03.300



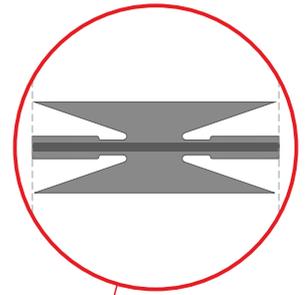
Name	Material	Outside diameter	Installation length	Thickness of blade	Wire diameter	Main blade types	Barrier	Option
FLAT RAZOR WIRE	galvanized 240/200/120 galvanized 200/240/40 galvanized 200/240/SS stainless steel SS304/SS304/SS	Ø 500mm	15 meters	0,5 mm ± 0,1mm 0,5 mm ± 0,1mm 0,45 mm ± 0,1mm 0,5 mm ± 0,1mm	2,2 mm ± 0,1mm 2,4 mm ± 0,1 mm	<b>GC NEW</b> BTO-30 BTO-28	substitute for anti-burrowing board	powder coating
FLAT RAZOR WIRE	galvanized 240/200/120 galvanized 200/240/40 galvanized 200/240/SS stainless steel SS304/SS304/SS	Ø 700mm	15 meters	0,5 mm ± 0,1mm 0,5 mm ± 0,1mm 0,45 mm ± 0,1mm 0,5 mm ± 0,1mm	2,2 mm ± 0,1mm 2,4 mm ± 0,1 mm	<b>GC NEW</b> BTO-30 BTO-28	shield panel	powder coating
FLAT RAZOR WIRE	galvanized 240/200/120 galvanized 200/240/40 galvanized 200/240/SS stainless steel SS304/SS304/SS	Ø 900mm	15 meters	0,5 mm ± 0,1mm 0,5 mm ± 0,1mm 0,45 mm ± 0,1mm 0,5 mm ± 0,1mm	2,2 mm ± 0,1mm 2,4 mm ± 0,1 mm	<b>GC NEW</b> BTO-30 BTO-28	shield panel	powder coating



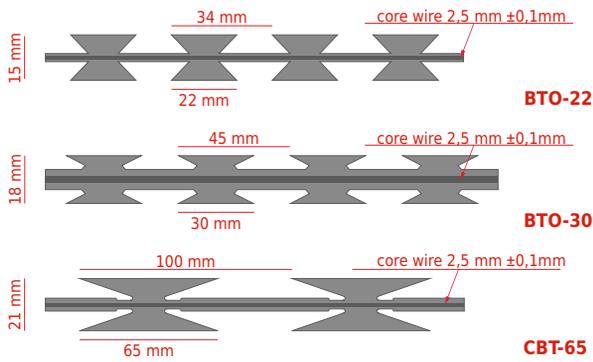
## 001.03

# SINGLE COIL RAZOR WIRE

in the form of coils of razor wire

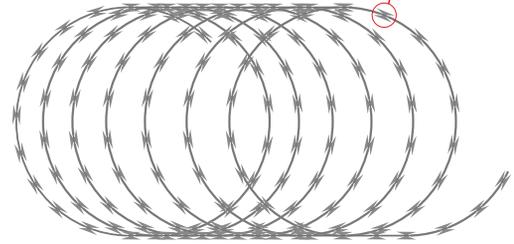


Types of blades:



CBT-65

300 - 450 mm



6000 - 15000 mm



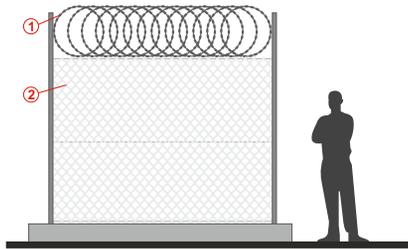
### economical

a very cheap barrier compared with other forms of security (CCTV etc.)



### easy to install

a ready product packed into coils, easy to stretch; when stretched, it makes a barbed wire netting



1 single coil razor wire  
2 netting / fencing panel



### single coil razor wire

used on private properties, in workshops, purchasing centres and on dumping sites

Ø 300mm **BTO-30** galvanized 240/200  
001.03.01.151

Ø 300mm **BTO-30** galvanized 240/200  
001.03.01.153

Ø 450mm **BTO-30** galvanized 240/200  
001.03.02.151

Ø 450mm **CBT-65** galvanized 240/200  
001.03.02.161

Ø 450mm **BTO-28** galvanized 200/240  
001.03.02.341

Ø 450mm **BTO-28** stainless steel  
SS304/SS304  
001.03.02.300



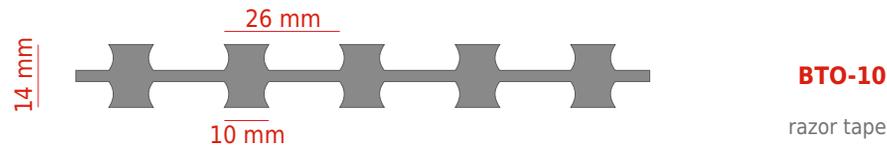
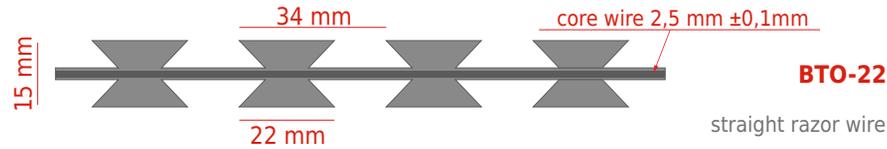
Name	Material	Outside diameter	Installation length	Thickness of blade	Wire diameter	Main blade types	Option
SINGLE COIL RAZOR WIRE	galvanized 240/200 galvanized 240/200	Ø 300mm	6 meters (31 coils)	0,5 mm ± 0,1mm 0,45 mm ± 0,1mm	2,2 mm ± 0,1mm 2,4 mm ± 0,1mm	BTO-30	powder coating
SINGLE COIL RAZOR WIRE	galvanized 240/200 galvanized 240/200	Ø 450mm	8 meters (31 coils)	0,5 mm ± 0,1mm 0,6 mm ± 0,1 mm	2,2 mm ± 0,1mm 2,4 mm ± 0,1 mm	BTO-30 CBT-65	powder coating
SINGLE COIL RAZOR WIRE	galvanized 200/240 galvanized 200/240 stainless steel SS304/SS304	Ø 450mm	15 meters	0,5 mm ± 0,01mm 0,45 mm ± 0,1mm 0,5 mm ± 0,1mm	2,4 mm ± 0,1 mm	BTO-22 BTO-28	powder coating



**001.04**

**STRAIGHT RAZOR WIRE, RAZOR TAPE**

in rolls of 50, 100 or 200 linear meters



**economical**  
a very cheap barrier compared with other forms of security (CCTV etc.)

**flexible**  
possibility to stretch in a straight line or to form any shape

**razor wire / razor tape**  
modern version of a barbed wire, a supplement for fencing with concertina toppings

- BTO-22** 200 lm. galvanized 240  
001.04.01.121
- BTO-22** 200 lm. galvanized 200  
001.04.01.321
- BTO-22** 100 lm. galvanized 275  
001.04.01.732
- BTO-22** 50 lm. galvanized 275  
001.04.01.733
- barbed tape **BTO-10** 50 lm. galvanized 180  
001.04.01.501



Name	Material	Length	Thickness of blade	Wire diameter	Main blade types
STRAIGHT RAZOR WIRE	galvanized 240 galvanized 200	200 meters	0,5 mm ± 0,1mm	2,4 mm ± 0,1 mm	BTO-22
STRAIGHT RAZOR WIRE	galvanized 275	100 meters	0,45 mm ± 0,1mm	2,45 mm ± 0,1 mm	BTO-22
STRAIGHT RAZOR WIRE	galvanized 275	50 meters	0,45 mm ± 0,1mm	2,45 mm ± 0,1 mm	BTO-22

Name	Material	Length	Thickness of blade	Wire diameter	Main blade types
RAZOR TAPE	galvanized 180	50 meters	0,45 mm ± 0,1mm	-	BTO-10

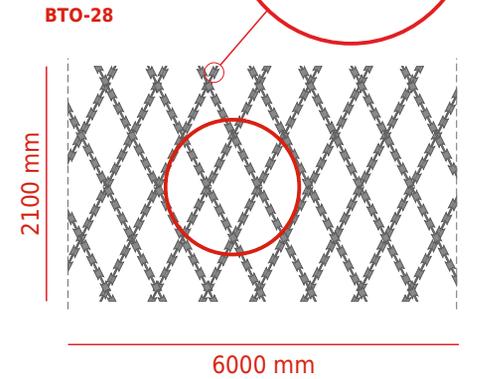
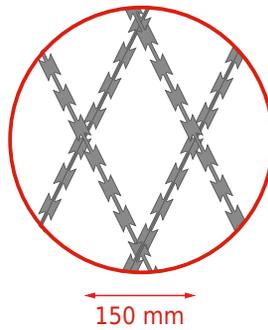
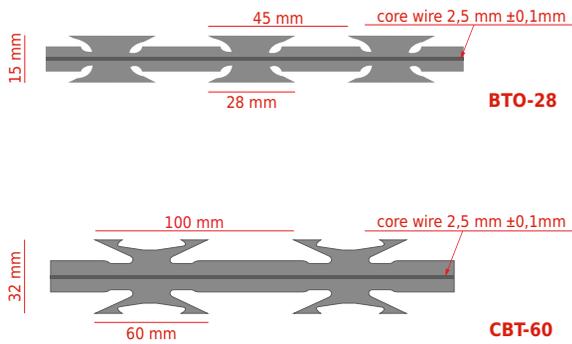


**001.05.01**

**RAZOR MESH**

diagonal-form mesh cell 300x150 mm

Types of blades:



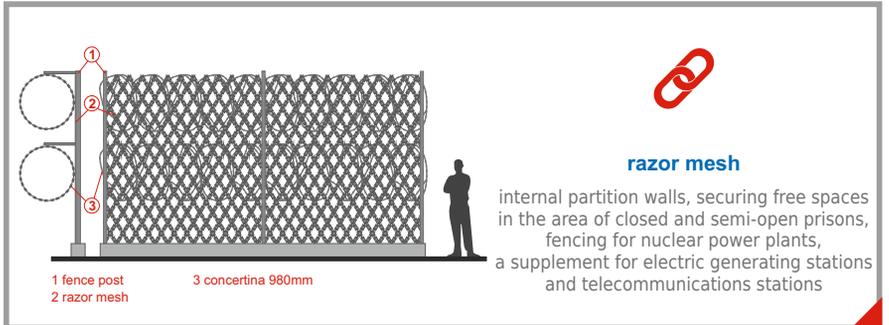
**aggressive**

a very sharp barrier in comparison with other forms of security



**flexible**

possibility to stretch in a straight line or to form any shape



**razor mesh**

internal partition walls, securing free spaces in the area of closed and semi-open prisons, fencing for nuclear power plants, a supplement for electric generating stations and telecommunications stations

razor mesh 2,1x6m **BTO-28**  
diagonal-form mesh cell 300x150mm  
galvanized 200/240  
001.05.01.841

razor mesh 2,1x6m **CBT-60**  
diagonal-form mesh cell 300x150mm  
galvanized 200/240  
001.05.01.361



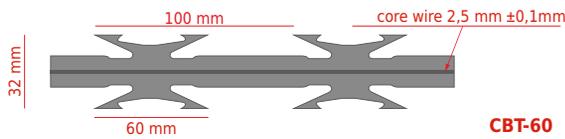
Name	Material	Height	Installation length	Thickness of blade	Wire diameter	Main blade types	Cells
RAZOR MESH	galvanized 200/240	2100 mm	6000 mm	0,5 mm ± 0,1mm	2,4 mm ± 0,1 mm	BTO-28	300x150 mm
RAZOR MESH	galvanized 200/240	2100 mm	6000 mm	0,45 mm ± 0,1mm	2,4 mm ± 0,1 mm	GC NEW CBT-60	300x150 mm



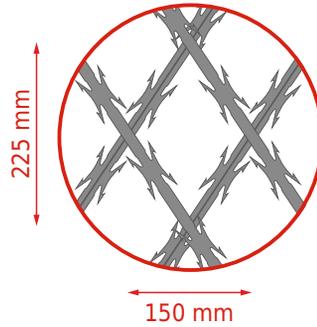
**001.05.02**

**RAZOR MESH**  
diagonal-form mesh cell 225x150 mm

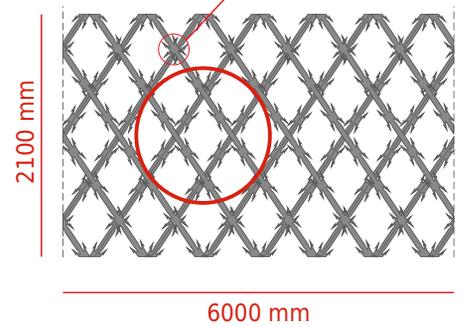
Types of blades:



**CBT-60**



**CBT-60**



6000 mm



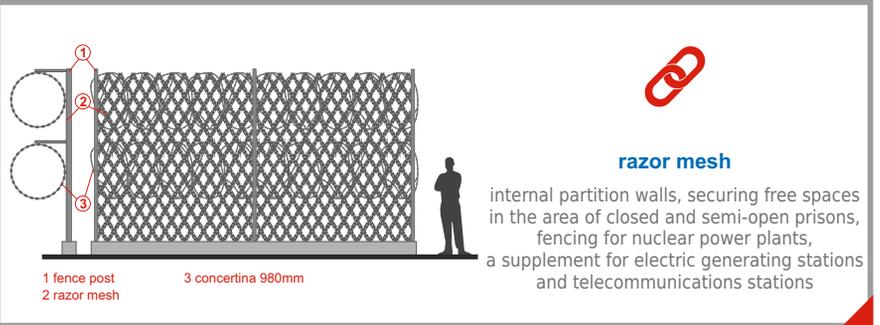
**aggressive**

a very sharp barrier in comparison with other forms of security



**flexible**

possibility to stretch in a straight line or to form any shape



**razor mesh**

internal partition walls, securing free spaces in the area of closed and semi-open prisons, fencing for nuclear power plants, a supplement for electric generating stations and telecommunications stations

razor mesh 2,1x6m **CBT-60**  
diagonal-form mesh cell 225x150mm  
galvanized 200/240  
001.05.02.362



Name	Material	Height	Installation length	Thickness of blade	Wire diameter	Main blade types	Cells
RAZOR MESH	galvanized 200/240	2100 mm	6000 mm	0,5 mm ± 0,1mm	2,4 mm ± 0,1 mm	CBT-60	225x150 mm





**001.06**

**ACCESSORIES**

standard clips, manual clip applicators



**flat clips**

very durable clips used for the installation of a razor wire and razor tape



**wire rings**

very durable clips used for the installation of a razor wire and razor tape

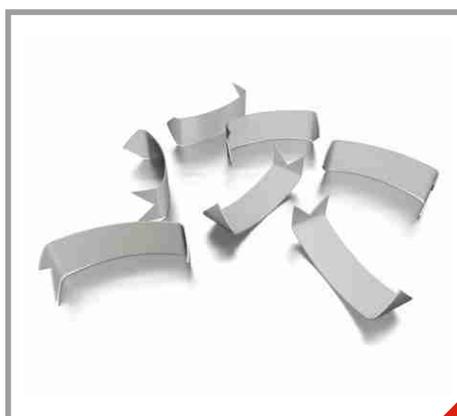


**a tool for installing clips**

clip applicator suitable for re-using, which can be used as a tool to cut rods at the same type

flat clips  
galvanized sheet metal 1,5mm  
001.06.01.001

manual clip applicator  
a tool for cutting rods  
001.06.01.002



Name	Material	Thickness of blade	Application
FLAT CLIPS	galvanized steel	1,5 mm	for the installation of razor wire or razor tape

wire rings  
wire ø3,5mm stainless steel  
001.06.03.001



manual clip applicator  
001.06.03.002



Name	Material	Wire diameter	Application
WIRE RINGS	stainless steel	ø3,5 mm	for the installation of razor wire or razor tape



**001.06**

**ACCESSORIES**

**semi-automated clips, semi-automated applicators**



**automatic clips**

very durable clips used for the installation of razor wire and razor tapej



**a tool for installing connectors - clips**

clip applicator equipped with a magazine automatically feeding clips, allows a quick installation of 20 to 50 clips

semi-automated clips  
wire ø3,0mm galvanized steel  
001.06.02.001



semi-automated applicator  
001.06.02.002



Name	Material	Wire diameter	Application
SEMI-AUTOMATED CLIPS	galvanized steel	ø3,0 mm	for the installation of razor wire or razor tape

semi-automated clips  
wire ø1,2mm galvanized steel  
001.06.04.001

semi-automated applicator  
001.06.04.002



Name	Material	Wire diameter	Application
SEMI-AUTOMATED CLIPS	galvanized steel	ø1,2 mm	for the installation of razor wire or razor tape



**001.06**

**ACCESSORIES**

gloves and sleeve protectors



**protection**

professional assembly gloves designed for heavy manipulation works, as a protection from puncture; manufactured in accordance with the norms: ISO 1397, EN420, EN388, CE



**durability**

high quality guarantees a very high durability of a product



**convenience**

universal size and specification of gloves guarantees comfort at work



**professional protection**

the protection of hands and arms while installing razor wire and concertina wire

protective gloves  
Hexarmor Hercules™  
001.06.06.003



short protective gloves  
001.06.06.001



long protective gloves  
001.06.06.002



sleeve protectors  
001.06.06.005



Name	Material	Size	Application
PROTECTIVE GLOVES	-	universal	for protection of limbs while installation
SLEEVE PROTECTORS	KEVLAR	45 cm lenght	for protection of limbs while installation



**001.06**

**ACCESSORIES**

razor wire gloves



**protection**

professional assembly gloves designed for heavy manipulation works, as a protection from puncture



**durability**

high quality guarantees a very high durability of a product



**convenience**

universal size and specification of gloves guarantees comfort at work



**professional protection**

the protection of hands and arms while installing razor wire and concertina wire



from the outer side



from the inner side

short protective gloves  
001.06.06.004



Name	Material	Size	Application
PROTECTIVE GLOVES	double leather riveted with staples	universal	for limb protection during assembly



## DESIGN DEPARTMENT



To meet our customers' expectations, we have established our own design department. We are engaged in design of mechanical and electrical protection of high risk strategic facilities, such as: military security strips, fences of prisons, mines, power plants etc.

The experience of GC Metal team helps to meet the requirements of even the most challenging projects.

### Razor wire specification

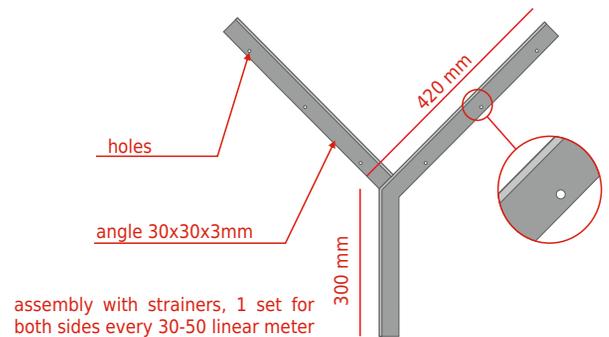
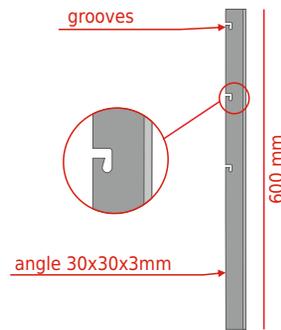
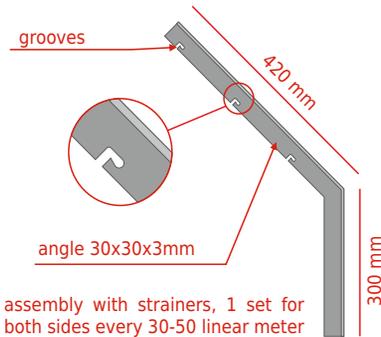
Reference number	Style of razor wire	Blade thickness	Wire diameter	Blade width	Razor wire height	Blade spacing
<b>BTO-10</b>		0,5 ± 0,1	2,5 ± 0,1	10 ± 1	13 ± 1	26 ± 1
<b>BTO-22 medium</b>		0,5 ± 0,1	2,5 ± 0,1	22 ± 1	15 ± 1	34 ± 1
<b>BTO-28</b>		0,5 ± 0,1	2,5 ± 0,1	28 ± 1	15 ± 1	45 ± 1
<b>BTO-30 ultra</b>		0,5 ± 0,1	2,5 ± 0,1	30 ± 1	18 ± 1	45 ± 1
<b>CBT-60</b>		0,6 ± 0,1	2,5 ± 0,1	60 ± 2	32 ± 1	100 ± 2
<b>CBT-65</b>		0,6 ± 0,1	2,5 ± 0,1	65 ± 2	21 ± 1	100 ± 2



**001.07**

**EXTENSION ARMS**

bavolet 45°, straight, "Y" made of steel angle



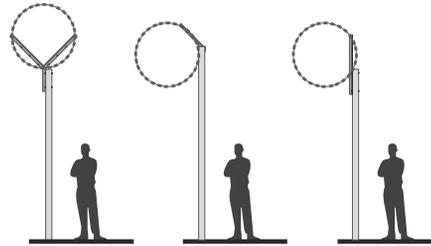
**universal**

offset razor wire arms are suitable for installation on every metal or concrete post



**durable**

made of superb quality materials, min. 3mm gauge



**bavolet 45°, straight, "Y"**

stable assemble of small diameter concertina

/ GC type arm  
angle 30x30x3mm  
001.07.01.001

Y GC type arm  
angle 30x30x3mm  
001.07.01.002



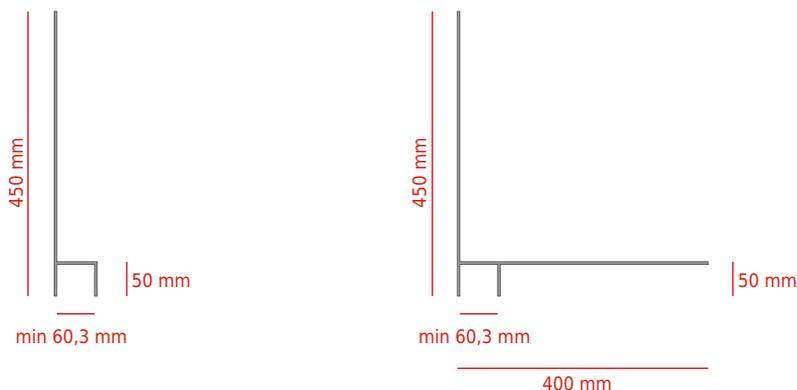
Name	Material	Size	Finish	Version
GC TYPE ARM	angle 30x30x3 mm	600 mm / made-to-measure	galvanized / galvanized + RAL	basic (assembly with clamps), installation holes or grooves
/ GC TYPR ARM	angle 30x30x3 mm	420 mm / made-to-measure	galvanized / galvanized + RAL	basic (assembly with clamps), installation holes or grooves
Y GC TYPE ARM	angle 30x30x3mm	420x420 mm / made-to-measure	galvanized / galvanized + RAL	basic (assembly with clamps), installation holes or grooves



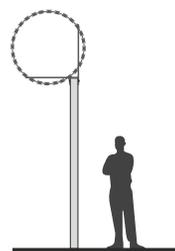
**001.07**

**EXTENSION ARMS**

“h” and “L” type made of flat bar



**Only arms** on the market, which fit to metal, concrete posts or even concrete slabs. The possibility of assembling with the use of self-drilling screws or M10 screws

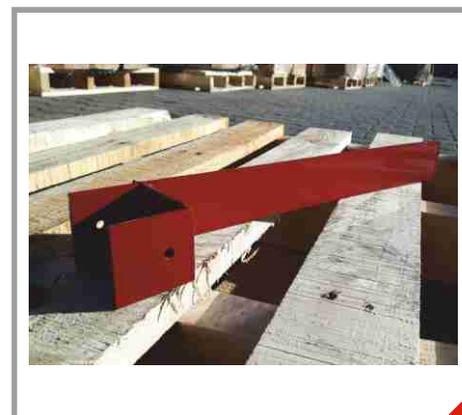


**“h” and “L” type arm**  
stable assemble of medium diameter concertina

h GC type arm  
flat 50x4mm  
001.07.02.001



L GC type arm  
flat 50x4mm  
001.07.02.003

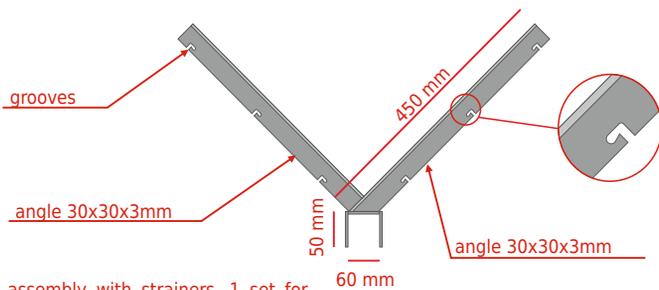


Name	Material	Size	Finish	Version
h GC TYPE ARM	flat 50x4 mm	450 mm / made-to-measure	galvanized / galvanized + RAL	steel clamps, self-drilling screws, screws, rods, nuts, washers
L GC TYPE ARM	flat 50x4 mm	450 mm + 400 mm / made-to-measure	galvanized / galvanized + RAL	steel clamps, self-drilling screws, screws, rods, nuts, washers

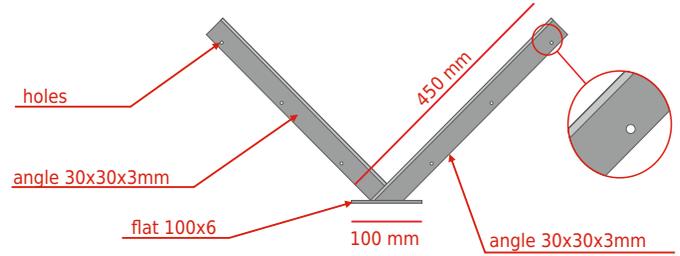


**001.07**

**EXTENSION ARMS**  
"V" type made of angle and flat bar



assembly with strainers, 1 set for both sides every 30-50 linear meter



assembly with strainers, 1 set for both sides every 30-50 linear meter



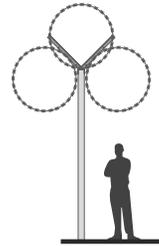
**universal**

offset razor wire arms are suitable for installation on every metal or concrete post



**easy to install**

ideally suited for being screwed to the tops of concrete caps; the possibility of production a base at an angle



**„V” type arm**

installation on industrial fencing

ηV GC type arm  
angle 30x30x3mm  
base 80x80x3mm  
001.07.03.005



\_ / GC type arm  
angle 30x30x3mm  
001.07.03.009

\_V GC type arm  
angle 30x30x3mm  
base 100x100x3  
001.07.03.010



Name	Material	Size	Finish	Version
ηV GC TYPE ARM	angle 30x30x3mm + base 60x60x4mm	450 mm / made-to-measure	galvanized / galvanized + RAL	universal + basic cap (assembly with clamps), installation holes or grooves
_ / GC TYPE ARM	angle 30x30x3 mm	420 mm / made-to-measure	galvanized / galvanized + RAL	base flat + basic cap (assembly with clamps), installation holes or grooves
η / GC TYPE ARM	angle 30x30x3 mm	420 mm / made-to-measure	galvanized / galvanized + RAL	universal + basic cap (assembly with clamps), installation holes or grooves
_V GC TYPE ARM	angle 30x30x3mm + base 100x100x6mm	450 mm / made-to-measure	galvanized / galvanized + RAL	universal + basic cap (assembly with clamps), installation holes or grooves
_V GC TYPE ARM	angle 30x30x3mm + pipe cap	450 mm / made-to-measure	galvanized / galvanized + RAL	pipe + basic cap (assembly with clamps), installation holes or grooves



**001.08**

**FENCE ACCESSORIES**

**tension wire / tension rope**



Hot-dip galvanized wires, having thickness according to the military guidelines and the guidelines of the Prison Commissioner, **used for installation of razor wire, fencing net and razor mesh.**

- Tension wire  
Ø 2,5mm  
001.08.01.1001
- Tension wire  
Ø 4,0mm  
001.08.01.1004
- Tension wire  
Ø 2,5mm 440-550MPa  
001.08.01.1101
- Tension wire  
Ø 4,0mm 440-550MPa  
001.08.01.1104
- Steel rope  
Ø 5,0mm  
001.08.02.1202
- Steel rope  
Ø 5,0/3,0mm  
001.08.02.1305



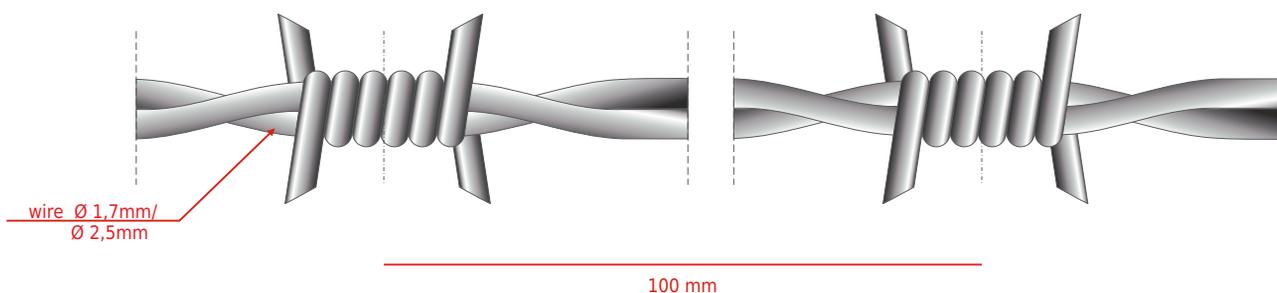
Name	Diameter	Finish	Durability	Packaging	Conversion rate
TENSION WIRE	Ø 2,5 mm Ø 3,0 mm Ø 3,5 mm Ø 4,0 mm	galvanized Z60/Z65	440 - 550 MPa	kg	1 kg ≈ 26 linear meter 1 kg ≈ 18 linear meter 1 kg ≈ 13 linear meter 1 kg ≈ 10 linear meter
BINDING WIRE	Ø 1,2 mm	galvanized Z65	-	kg	1 kg ≈ 10 linear meter
STEEL ROPE	Ø 3,0 mm Ø 4,0 mm Ø 5,0 mm	galvanized	-	-	roll 100 linear meter roll 100 linear meter roll 150 linear meter
STEEL ROPE	Ø 3,0/1,5 mm Ø 3,0/2,0 mm Ø 4,0/3,0 mm Ø 5,0/3,0 mm Ø 6,0/4,0 mm	galvanized + pvc	-	-	roll 100 linear meter
SPRING WIRE	per inquiry	galvanized	-	kg	per inquiry
OTHER	per inquiry	inox	-	kg	per inquiry



**001.08**

**FENCE ACCESSORIES**

**razor wire**



**durable**

high quality of products guarantees durability for many years



**high quality zinc coating**

effective protection of steel against corrosion



**tailored to special GC offset arms**

universal, adapted to GC offset arms, easy to install



**pasture fencing, electric shepherd**

Double twist razor wire  
Ø 1,7mm  
001.08.03.501



Double twist razor wire  
Ø 2,5mm  
001.08.03.1401



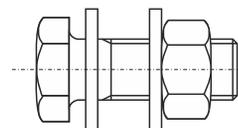
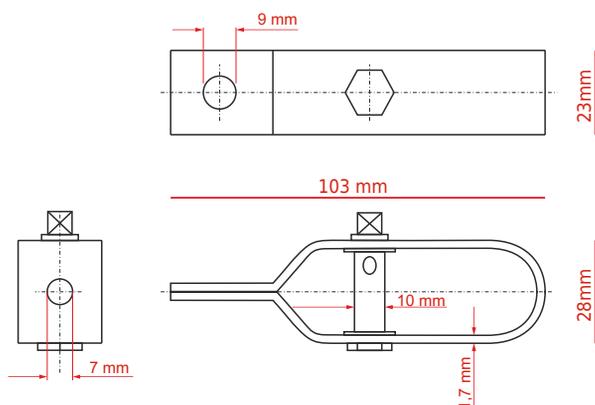
Name	Diameter	Finish	Conversion rate
DOUBLE TWIST RAZOR WIRE	Ø 1,7 mm	galvanized Z240	roll 250 linear meter
DOUBLE TWIST RAZOR WIRE	Ø 2,5 mm	galvanized Z65	roll 20 kg ≈ 180 linear meter



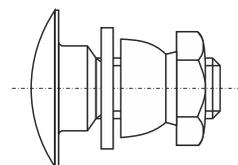
**001.08**

**FENCE ACCESSORIES**

strainers, fasteners



hexagon screw,  
washer, nut



step bolt,  
snap-off nut



**durable**

high quality of products guarantees durability for many years



**high quality  
 zinc coating**

effective protection of steel against corrosion



**straining  
 fencing ropes**

features strong straining of a wire

Strainer  
max Ø 4,0mm  
001.08.04.501

Strainer ocynk Z40 + RAL 6005  
max Ø 4,0mm  
001.08.04.502

Hexagon screw M8/20  
galvanized  
001.08.04.1601

Hexagonal nut M8 DIN 934  
galvanized  
001.08.04.1603

Washer M8 DIN 125  
galvanized  
001.08.04.1603

Step bolt M8/20 DIN 603  
galvanized  
001.08.04.1605

„Anti-vandal“ snap-off nut M8  
galvanized  
001.08.04.1701

Washer M8  
stainless A2  
001.08.04.1503

Step bolt M8/20  
stainless A2  
001.08.04.1504

„Anti-vandal“ snap-off nut M8  
stainless A2  
001.08.04.1505



Name	Finish	Application
STRAINER	galvanized	max Ø4,0 mm
STRAINER	galvanized Z40 + 6005	max Ø4,0 mm
HEXAGON SCREW M8/20	galvanized / stainless A2	strainer fastening
HEXAGONAL NUT M8 DIN 934 KL. 8	electro-galvanized	-
HEXAGONAL NUT M8 DIN 934 kl. 8	hot-dip galvanized	-
WASHER M8 DIN 125 A STAL 200HV	zinc flake coating / hot-dip galvanized	-

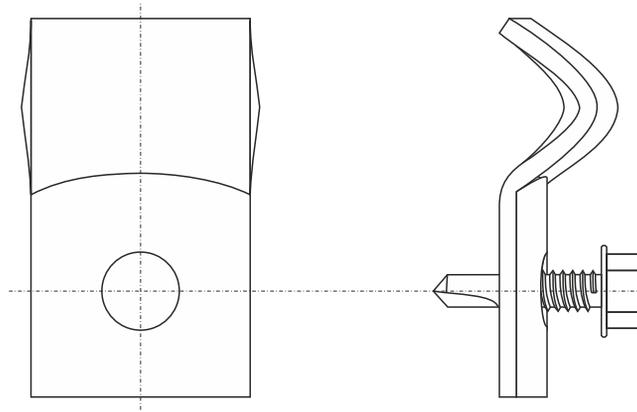
Name	Finish	Application
STEP BOLT M8/20 M8/16 DIN 603 STAL KL. 4.6	electro-galvanized	strainer fastening
„ANTI-VANDAL“ SNAP-OFF NUT M8	galvanized / stainless A2	-
HEXAGONAL NUT M8	stainless A2	-
WASHER M8	stainless A2	-
STEP BOLT M8/20	stainless A2	strainer fastening



**001.08**

# FENCE ACCESSORIES

## clamps and screws



steel clamps with a screw 5,5 x 19mm



**durable**

high quality of products guarantees durability for many years



**high quality zinc coating**

effective protection of steel against corrosion



**grommet application**

installation of tension wire to a fencing post or a wire arm

Steel clamp + screws 5,5x19mm electro-galvanized  
001.08.05.1501

Steel clamp + screws 5,5x19mm electro-galvanized + RAL  
001.08.05.1502

Screws 5,5x19mm electro-galvanized  
001.08.05.1503



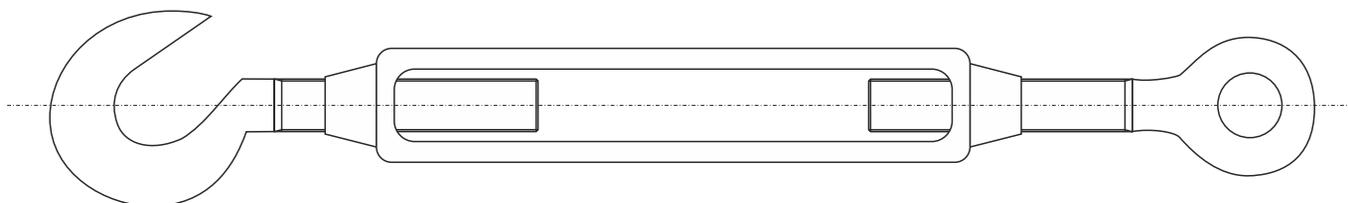
Name	Installation	Finish
STEEL CLAMP	screw 5,5x19 mm	electro-galvanized
STEEL CLAMP	screw 5,5x19 mm 	electro-galvanized + RAL
SCREW 5,5x19 mm	-	electro-galvanized



001.08

# FENCE ACCESSORIES

turnbuckles, screws



turnbuckle eye and hook



**durable**

high quality of products guarantees durability for many years



**high quality zinc coating**

effective protection of steel against corrosion



**straining fencing ropes**

features strong straining of a wire

Turnbuckle eye and hook M8  
galvanized  
001.08.06.1601

Turnbuckle eye and hook M10  
galvanized  
001.08.06.1201

Self-drilling screws for metal  
6,3x45mm  
galvanized  
001.08.06.1801



Name	Size	Type	Finish
TURNBUCKLES	M8	turnbuckle eye and hook	galvanized
TURNBUCKLES	M10	turnbuckle eye and hook	galvanized
SELF-DRILLING SCREWS FOR METAL	6,3x45 mm	-	galvanized



# CONTACT

## Catalogue 2016

Concertina  
 Flat razor wire  
 Single coil razor wire  
 Straight razor wire, razor tape  
 Razor wire gloves  
 Razor mesh  
 Extension arms  
 Fasteners  
 Protective gloves

**tel. +48 533 013 875**  
**tel. +48 727 555 526**  
**br@gcmetal.pl**  
**ks@gcmetal.pl**  
**zasieki@gcmetal.pl**



## Fence catalogue 2016

Fencing  
 Metal posts  
 Tools  
 Accessories

**tel. +48 533 013 875**  
**tel. +48 727 555 526**  
**br@gcmetal.pl**  
**ks@gcmetal.pl**



## Road traffic barriers 2016

u12a Barriers  
 Road line delineators  
 Balustrades  
 Road signs

**tel. +48 533 398 330**  
**tel. +48 533 554 593**  
**tel. +48 727 555 526**  
**wn@gcmetal.pl**  
**bz@gcmetal.pl**  
**ks@gcmetal.pl**  
**znaki@gcmetal.pl**



### GC METAL Sp. z o.o.

KRS: 0000416370 VIII Wydział Gospodarczy  
 Nowe Miasto i Wilda w Poznaniu Poland  
 NIP: 783-168-79-60  
 REGON 302085540

### Central warehouse

ul. Wichrowa 4, 60-449 Poznań

### Manufacturing sites

Kościan k/ Poznania, Ostrów Wielkopolski



This catalogue is the property of GC METAL Sp. z o.o. and constitutes the work as defined by the Act on Copyright and Related Rights of 4 February 1994 (Dz. U., No. 90, item 631). No part of this publication may be transmitted or reproduced in any form or by any means (electronic, mechanical or other) without the prior written permission of GC METAL Sp. z o.o.

We hereby declare that the contents of this site, are published for informative purposes only and are not part of the company's market offer, as defined by the provisions of civil law.

GC METAL Sp. z o.o. makes every effort to make the information published in this catalogue reliable and helpful. However, we take no responsibility for the consequences of the actions undertaken based on this information.

GC METAL Sp. z o.o. reserves the right to modify its products and their parameters defined in this catalogue. All colors presented in this catalogue may vary from actual products and should be treated as visual aid only.



**GC METAL Sp. z o.o.**  
**ul. Św. Marcin 29/8**  
**61-806 Poznań POLAND**

**tel.: +48 533 013 875**  
**fax: +48 61 666 10 59**

**[www.gcmetal.pl](http://www.gcmetal.pl)**

**[www.drutostrzowy.pl](http://www.drutostrzowy.pl)**  
**[www.zasiekiconcertina.pl](http://www.zasiekiconcertina.pl)**