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FOREWORD

KROKO N.V. is one of the oldest industrial manufacturers of zip fasteners in Western Europe and was founded in 1944. Ever since then, KROKO N.V. has constantly developed and implemented new techniques and production methods. This way KROKO N.V. has earned overall recognition as a top-tier company with more than 70 years experience.

Its core business is the production of spiral coil, injection moulded and metallic zip fasteners. The product range is further completed with hook and loop fasteners and yarn.

TOTAL QUALITY MANAGEMENT

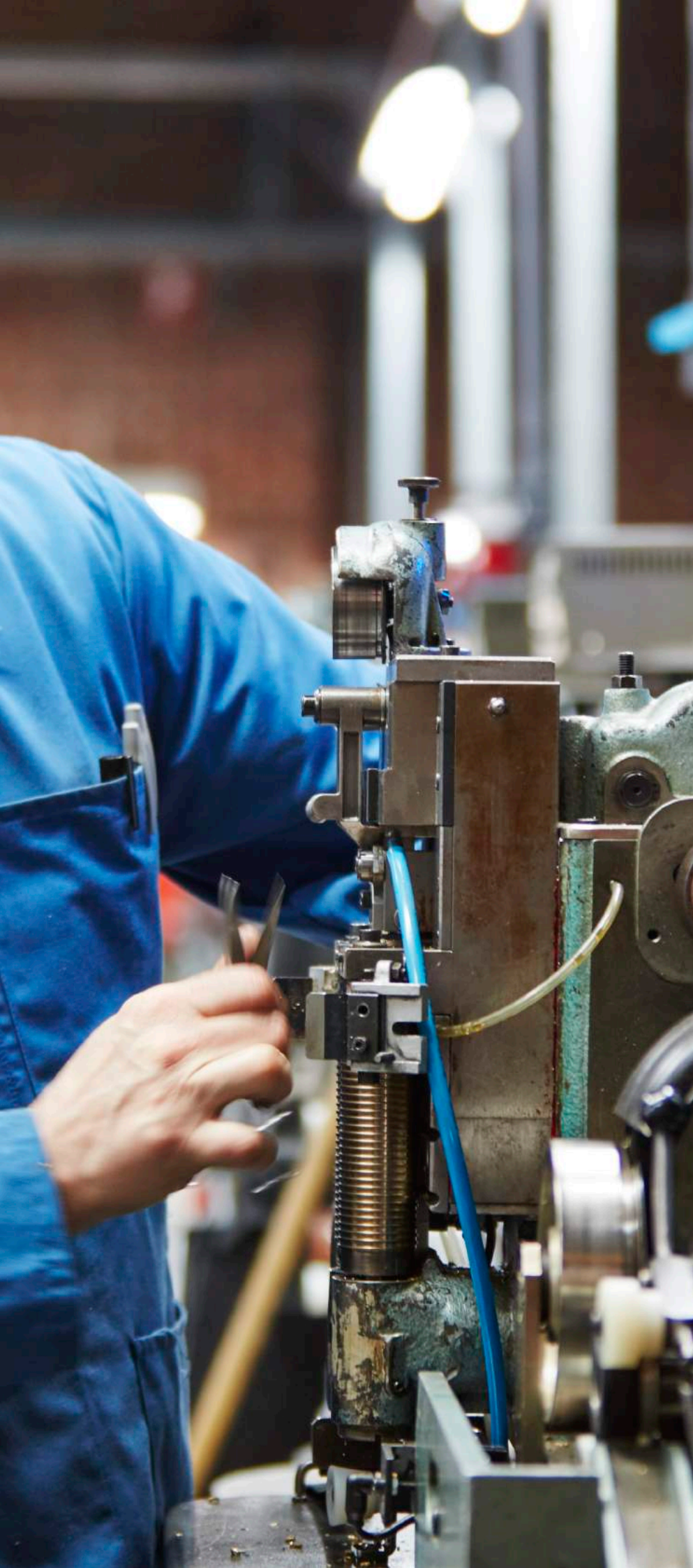
All products manufactured by KROKO N.V. are generally accepted by the market as being of the highest quality. The use of top quality raw materials, the application of meticulous production methods and scrupulous quality control ensure that each of our products complies with the strictest standards such as OEKO-TEX, DIN EN 16732, DIN 3416-3419, BS 3084, NFG 91 etc.

We can also perform specific tests in our in-house accredited test laboratory if requested by the customer.

One of KROKO N.V.'s strong points is its enthusiastic and experienced sales team who, with the support of our technical staff, is able to offer customised solutions. The recognisable KROKO logo is acknowledged as a quality label on all our finished products.

Finally, KROKO is certified according to the internationally recognized standard ISO 9001, which bundles all expertise and know-how with regard to quality management system, which is a true benchmark for transparency, reliability and quality within every organization, which contributes to constantly refining our objectives according to the needs of our customers.





HIGH QUALITY MATERIALS FOR AN EXACTING MARKET

KROKO N.V. supplies to diverse but very demanding customers. Our high quality products are used in ready-to-wear clothing, and also in military products, workwear, footwear and bedding. KROKO N.V. repeatedly succeeds in complying 100% with specific demands and very precise standards.

Fast delivery times and our ability to meet short deadlines ensure that KROKO N.V. is a reliable partner for all of its customers.

Apart from its main manufacturing base in Belgium, KROKO has also been active for more than 20 years with a regular business partner in Taiwan, from where, if desired, worldwide deliveries can be provided directly, mainly for the Asian market.

AFTER-SALES SERVICE

KROKO N.V. prefers to have close, lasting relationships with its customers. This is why the company puts a lot of effort every day into following up orders. As far as major projects are concerned, our staff puts all their efforts into joint planning, order preparation and follow up. Cooperation with KROKO N.V. means reliability and continuity for every company.



OEKO-TEX®
CONFIDENCE IN TEXTILES

SECTORS

In recent decades KROKO has mostly been focusing on new developments in regard to tenders for the military, police and fire brigade services worldwide. These new developments and the improvements that have been implemented also find their way to our secondary sectors, which also benefit as a result from refined quality and are able to further implement our developments in their end products.



LAW ENFORCEMENT: DEFENSE & POLICE

Since many years KROKO has been supplying its high standard zips to many armed forces and police units all over the world, complying to various technical specifications such as: DIN EN 16732:2016, DIN 3416-3419, BS 3084, NF G 91-005, ÖNORM, FMV requirements, ...

A thorough knowledge of all specifications guarantees swift processing of quotations and production of pre-serial samples for each public tender. Evaluation of cost-prices are done tender by tender guaranteeing you very competitive prices in function of estimated volumes & duration of contract. Since we have our own in-house laboratory equipped with state-of-the-art testing devices, we are able sending technical datasheets and certificates of conformity upon request any time.



PERSONAL PROTECTIVE CLOTHING: FIRE FIGHTER

KROKO has been supplying plenty of fire brigades in Europe with evolved zip-features contributing to a higher safety and wearer comfort of fire fighter suits.



WORK, SAFETY & CORPORATE IDENTITY

For these industries KROKO offers a wide range of solid zippers made from our standard quality of which its origin stems from our core business, namely development for Governmental contracts. This implies that our standard quality already automatically complies to technical zip-specifications such as DIN 3416-3419, BS 3084 : 2006 and NF G 91-005 entailing advantages also to our clients being active in civil markets.



SPORTSWEAR

KROKO offers you several "light-weight" zippers for sports clothing guaranteeing at the same time a satisfactory performance. Furthermore we offer you the possibility of developing customized slider pullers adding some more attention to your brand.



FOOTWEAR

KROKO offers a wide range of reinforced sliders for safety boots that guarantee a longer lifespan of the zipper being used for this very demanding application. Also various types of zipper-tapes are possible adding higher protection and comfort.



LUGGAGE

KROKO offers plenty of durable features for luggage adding higher safety and longer lifespan by increasing reciprocating towards 5.000 cycles.



UPHOLSTERY, AVIATION AND AUTOMOTIVE

KROKO has gained substantial experience over many years in its supply chain management in part through its newly implemented ERP software, which is now jointly responsible for the structured stock management ensuring just-in-time delivery of fixed calibrated zippers, typical for these branches of industry, time and time, again.



BEDDING AND SLEEPING BAGS

KROKO is really proficient at producing high-quality zips for the mattress industry by using amongst others reinforced sliders and chains that safeguard a high lateral traction. We are also capable of meeting market demands for the rapid supply of pre-industrial trial orders, followed by offering bulk orders at competitive prices whether or not these are call-off contracts.



TENTS, NAUTICA AND BLINDS

For years KROKO has been developing weatherproof zips for outdoor applications such as sun protection, civil and industrial tents, military shelters, sails and cabrio-tops.

A close-up, high-angle photograph of a typewriter keyboard. The keyboard is set against a dark, textured background, possibly the typewriter's body. The keys are made of metal and are arranged in a row. The lighting is dramatic, highlighting the metallic surfaces and the texture of the keyboard. A dark rectangular box is overlaid on the left side of the image, containing the text "METAL ZIPS" in white, uppercase letters.

METAL ZIPS

M4



M5



M7



M9



M4

M5

M7

M9

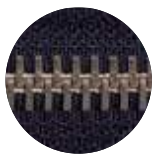
	M4	M5	M7	M9
Teeth width	4,8 mm	6 mm	7 mm	9 mm
Tape width (+0.5mm)	12 mm	16 mm	16 mm	20 mm
Total width (+1mm)	26 mm	34 mm	35 mm	42 mm

Tape available in polyester, flame retardant polyester, aramid, cotton or jeans. Other types on request.

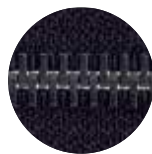
METAL COLOUR



K
Brass



KA
Antique brass



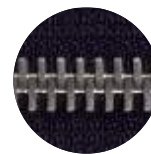
BO
Black oxidized



V
Tinned
(nickel free)



N
Alpaca (nickel)



NA
Antique nickel



A
Aluminium

M4

A

ABS

ACL

ACO

ADA

ADR

AHA

AGL



METAL ZIPS

Not all sliders are available from stock

AKR

AMA

APA

ASW

LKO

LLA

S



M5

A

ACO

ADA

AME

ASP

AST



ABS

ACL

AGL

AVL

LDL

LLA



AMA

AOM

ASW

AGR

S



A

ACO

ADA

AMA

M7



Many other sliders are available on request

ASW

LLA

ACM

LDL



A

ASB

LDL

LLA

M9



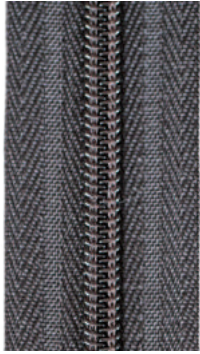
SPIRAL ZIPS



P40



P50



P60



P80



P100



STANDARD SPIRAL ZIPS

	P40	P50	P60	P65	P70	P80	P100	P150
Teeth width	4 mm	5 mm	6 mm	6,4 mm	7,15 mm	8,2 mm	10,5 mm	15,7 mm
Tape width (+0.5mm)	12 mm	14 mm	15 mm	16 mm	18 mm	20 mm	20 mm	27 mm
Total width (+-1mm)	24 mm	27 mm	31 mm	32 mm	36 mm	40 mm	40 mm	54 mm

Tape in polyester or flame retardant polyester and spiral in polyester. Other types on request.

INVISIBLE SPIRAL ZIPS

	I4
Teeth width	4 mm
Tape width (+0.5mm)	12 mm
Total width (+-1mm)	24 mm

Lace tape and spiral in polyester, ADR slider.
Welded lower and upper stops.
Other types and versions on request.

WOVEN SPIRAL ZIPS

	W40	W60
Teeth width	4 mm	6 mm
Tape width (+0.5mm)	12 mm	16 mm
Total width (+-1mm)	24 mm	32 mm

Tape and spiral in polyester. Other types on request.

I4

ADR



SPIRAL ZIPS

P40

A

ADR

AGL

ACO

AST

LKO



LKSBW

LBW

LLA

P

S

SRU



P50

A

ACO

ADR

ASP

LKO

LLA

SRU



A

ALA

ASP

ACO

ADA

AHA

AKS

P60



AGR

ABS

AST

AMA

ACL

APA

AOM

LKO



LDL

LKS

LLA

LZT

SRU

S

SRU-NG



A

LLA

AGR

P65



P70

A

ACO

ADA

ASP

LLA

LZT



SPIRAL ZIPS

Not all sliders are available from stock

P80

A

ASB

ALA

ARH

ACO



ASP

LDL

LLA



P100

A

ASB

ADL

AKS

AMA



ASP

ACO

LLA

LSL



Many other sliders are available on request

LZT

LDL

LKS

LKSDL



LLA

P150



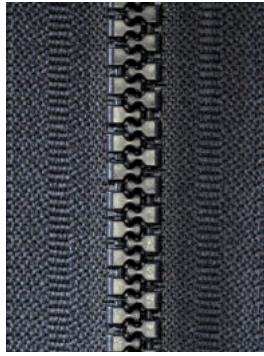
INJECTION MOULDED ZIPS



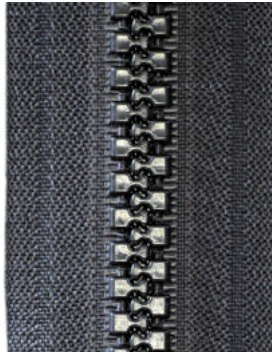
B6



B8



B9



B14



B4

B6

B8

B9

B14

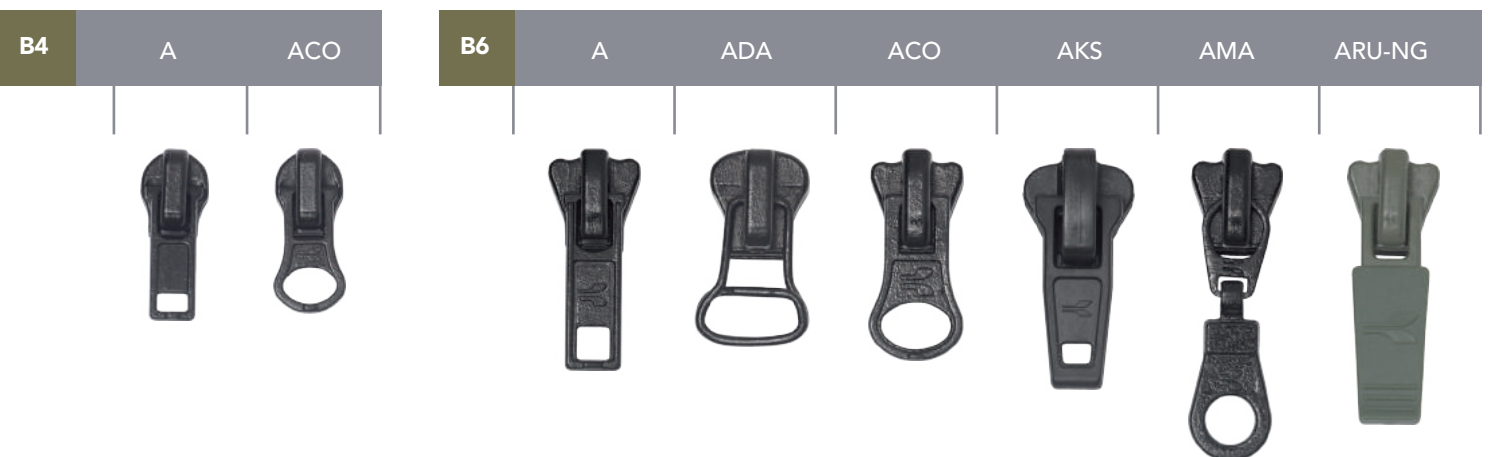
B18

	B4	B6	B8	B9	B14	B18
Teeth width	4,7 mm	5,8 mm	7,8 mm	8,6 mm	14 mm	18 mm
Tape width (+0.5mm)	13 mm	15 mm	18 mm	18 mm	23 mm	35 mm
Total width (+1mm)	27 mm	31 mm	39 mm	39 mm	50,5 mm	77,5 mm

Tape in polyester, flame retardant polyester or aramid. Other types on request.
Teeth in polyacetal or FR polyamide 6.6

INJECTION MOULDED ZIPS

Not all sliders are available from stock



B6

AST

ASW

AKSDL

AOM

ARUMA



INJECTION MOULDED ZIPS

Not all sliders are available from stock

ASP

AKRVK

LKS

LLA

LDL

LZT



B8

A

ACO

ADA

AKS

AMA



AOM

LLA

LDL



A

ASWVK

ALA

LKRDL

ADL

AKRVK

B9



AKSDL

PGVDA

LLA

LKR

LDL

Many other sliders are available on request



LDLZT

LGR

LKSGR

LRUDL

B14

B14 and B18 sliders are half size images



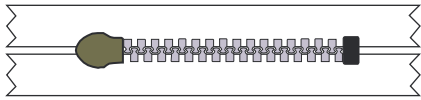
AKSGR

LKSGR

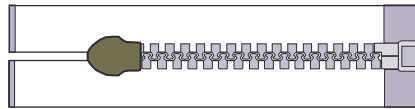
B18



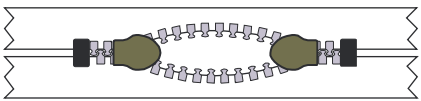
FINISHING



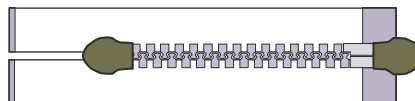
CE - One-way closed end



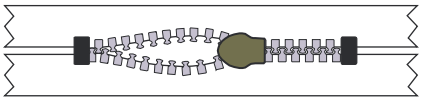
OE - One-way open end



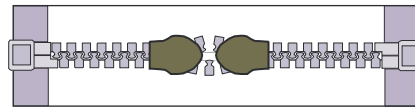
O - Two-way closed end O-type



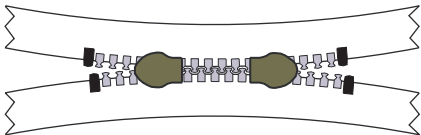
CO - Two-way open end combi



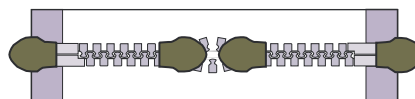
OF1 - One-way closed end O-type



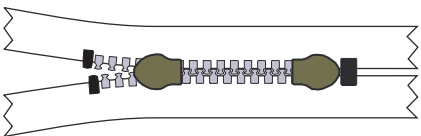
OE/OE - Two-way double open end



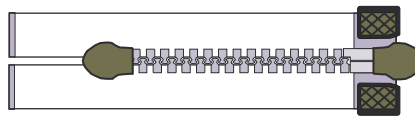
X - Two-way closed end X-type



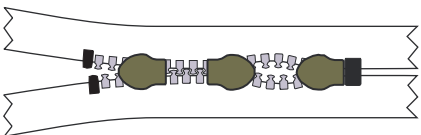
CO/CO - Four-way open end double combi



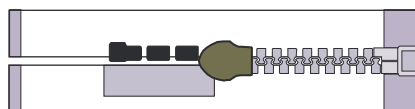
Y - Two-way closed end Y-type



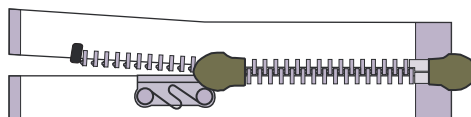
GF - Gate-fittings
reinforced, grid shaped support of stringers



O/X - Three-way closed end



OEQR - Quick-release
one-way open



COQR - Quick-release
two-way open





ZIPPER TREATMENTS AND ACCESSORIES

Fire-retardant PE tape	FR
Permanent fire retardant PE tape (washable)	FRP
Aramid tape (for metal and moulded zippers!)	ARA
Heat-resistant moulded elements	POMHR
Flame resistant moulded elements	NL66
Water-repellent PE-tape	WR
Permanent water-repellent PE tape (washable)	WRP
Permanent water-repellent PU-coated splash shiny tape (for spiral and moulded zippers)	SS
Permanent water-repellent PU-coated splash dull tape (for spiral and moulded zippers)	SD
Infrared reflective	IR
High frequency weldable strips (different sizes available)	HFW
Interchangeable zippers	IC
Reflective strips	RS
Special extra wide tape widths up to 100mm total width	
Curved zippers, right curved	CR
Curved zippers, left curved	CL
Additional protective tape	PT
Bleeding free	BF
Transparent tapes	K932
Jeans tapes (for metal zippers)	K984
Cotton tapes (for metal zippers)	CTN
Heat cut tape ends	HC
Length marks according to client requirements	LM
Length stamp	LS
Finished zippers on rolls	X22
Gate fittings, see also drawing on page 22	GF
Quick release system for metal and moulded zippers, see also drawing on page 22	QR
Gold, silver, old silver spiral zippers	
'Alu-look' or 'old brass'-look moulded zippers	
Preformed top and/or bottom stops (for metal zippers)	
Spiral zippers with welded stops, plastic injection stops	

VARIOUS ACCESSORIES

Pliers for bottom stops ,various top and bottom stops

Slider mounting device

Puller cords

Additional finishes / treatments or special colors on request.



SLIDER FINISH

The finish of zinc die-cast sliders may deviate in reality slightly from the pictures.

More slider finishes available on request.

Not all sliders in all finishes are available from stock. Please contact our sales department for further information.

G - Enamelled



K - Brass



BO - Black oxidized



* Also available nickel free

N - Nickel*



NA - Antique nickel*



KA - Antique brass



CC - Cold chamber



CCD - Cold chamber dull



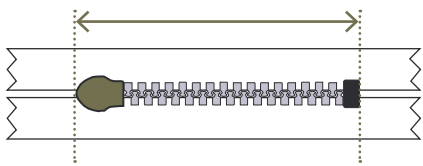
PP - Powder paint





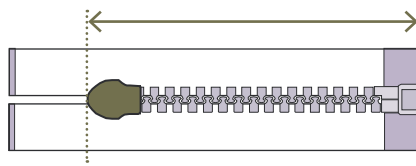
DETERMINING THE ZIP LENGTH

Always measure the length in cm.



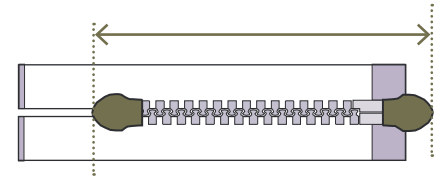
CE

From slider end
to bottom-stop end



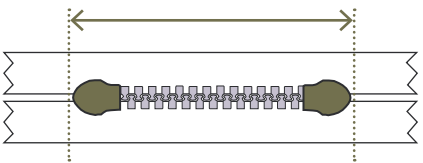
OE

From slider end
to end of the box



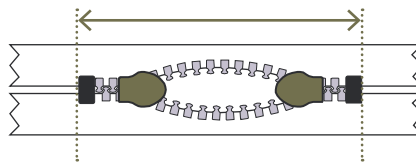
CO

From slider end to slider end



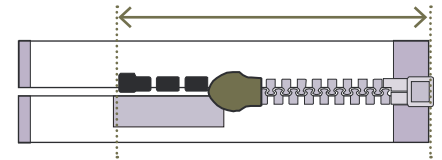
X

From slider end to slider end



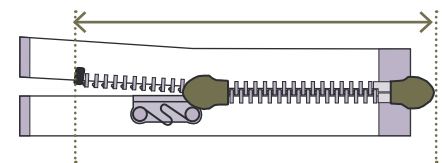
O

From the end of the first stop
to the end of the last stop



QR

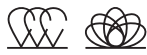
For 1-way open end: from end of
the highest positioned stop to end
of the box



For 2-way open end: from end of
the highest positioned stop to end
of the below slider

HOOK AND LOOP

DURLON Hook and loop



Woven quality with large horizontal tensile force for intensive use; Effortlessly runs 10,000 times open and close

PRESSFLEX Mushroom and velour



Woven and knitted quality with high vertical tensile strength for resistance and strength; Open and close approximately 100 times

GRIPPER Hook and velour



Plastic extruded quality for hygienic or waterproof application; Great adhesion in combination with a non-woven

Finish

- on roll, with or without card board (25m)
- cut to length
- cut to width
- rounds
- self-adhesive
- flame retardant
- back-to-back
- side-by-side
- unbrushed
- high-frequency weldable

Widths

10, 12, 16, 20, 25, 30, 38, 50, 100, 150 mm
Special widths, straps and colours on request.

HOW TO CHOOSE THE ZIP YOU NEED?

Kroko article coding:

Examples of article codes:

P60_AGLA_CE+FR K580 20cm

M5K_AK/AKCO_CO K501 60cm



A Zip type

Choose your zip type (metal :page 9/ spiral: page 13 / moulded: page 19).

For metal zips: add the colour of the teeth. See page 9 for the available teeth colours, e.g.

M5 (zip type) + K (teeth colour) = M5K

B Slider(s)

Slider function and form

Choose your slider (metal:pages 10 and 11/ spiral: pages 14 to 17 / moulded: page 19, 20 and 21).

The first letter from the slider code always refers to the slider function.

Slider functions can be:

Reference	Function	
A	Autolock	Automatically locks when no force is administered on the slider puller.
L	Nonlock	Does not lock.
S	Semi-autolock	When the puller is lowered, it locks. When the puller is raised it unlocks
P	Pinlock	A pin on the puller works on the elements and locks.

Slider finish

Choose your slider finish code (from page 24).

Enter the slider finish code immediately after the function code.

For example: AGCO = autolock enamelled with CO puller.

A= autolock

G = enamelled

CO = puller form CO

Multiple sliders on 1 zip

If you have more than 1 slider on your zip: first mention the upper slider and then the second.

Separate the slider code by using a '/'-sign. (for example: 'AG/AGCO')

C Finish

See page 22 for all existing zip finishes. (for example: CE = closed end)

D Extras

Special zip features can be found on page 23.

E Colour

Choose the colour from our colour card on our website www.kroko.com or ask our sales department for a colour card.

F Length

See page 25 for how to measure the length of a zip. Always give the length in cm.



ZIP MANUFACTURER

- SINCE 1944 -



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