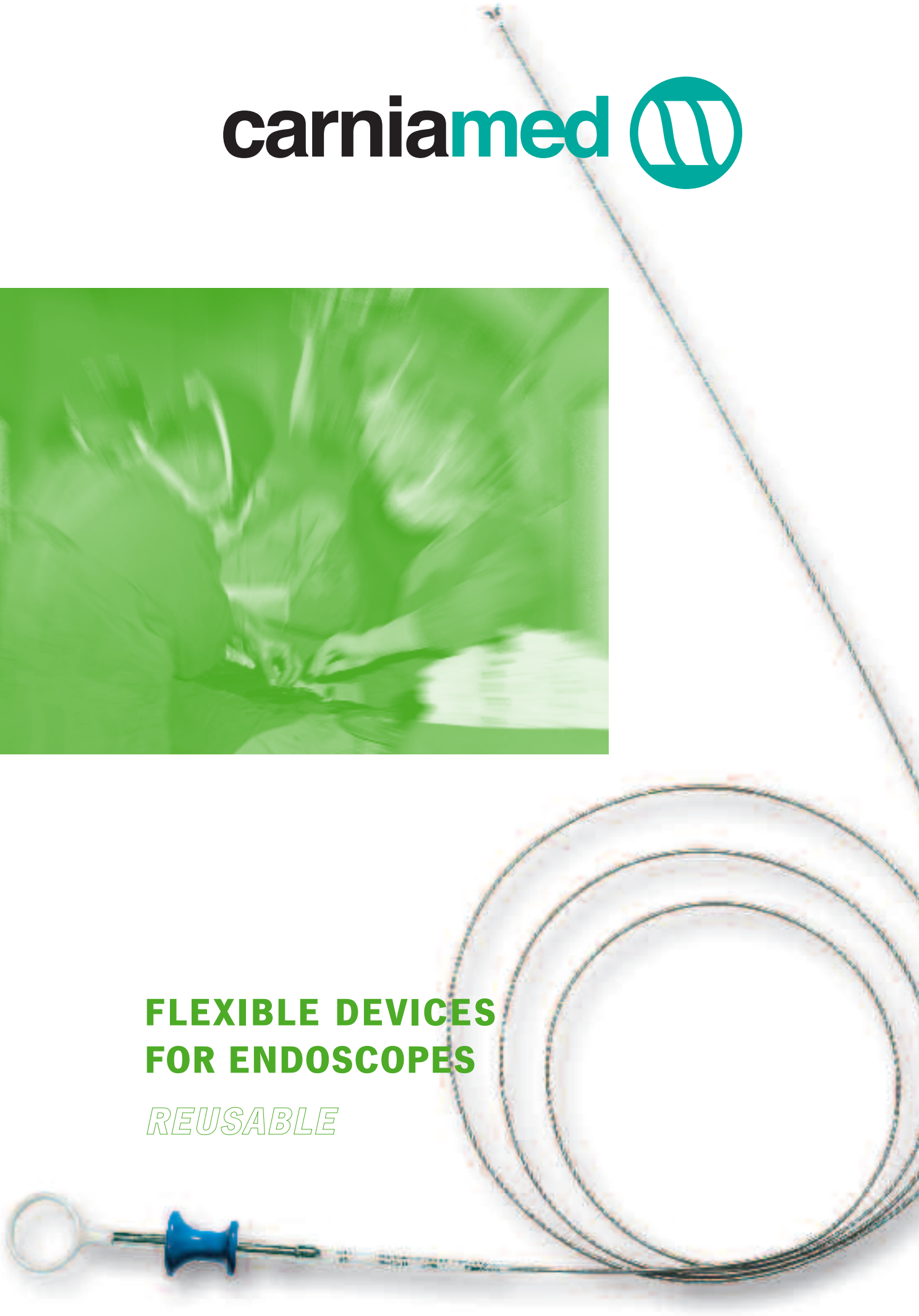
carniamed

FLEXIBLE DEVICES FOR ENDOSCOPES

REUSABLE



BITEFLEX® Biopsy Forceps and RETRIFLEX® Foreign Body Retrievers have been engineered and manufactured as a result of a long R&D co-operation with end users. They are available in a wide range of types and sizes to suit all the most typical endoscopy procedures such as broncoscopy, gastroscopy and colonscopy as well as veterinary diagnostics and surgery.
They are made of high quality stainless steel with plastic parts made of medical grade resins. The finger slide is ergonomically shaped to fit everybody's fingers for simpler and more comfortable use. Also, the finger ring is wider for better fitting and increased comfort.
The length and diameter are printed on the handle, while the three different colours of the finger slide will also help you choose the right instrument. The diameter of the working channel of the endoscope should be at least 0,2 mm bigger than the diameter of the instrument yet is not oversized.

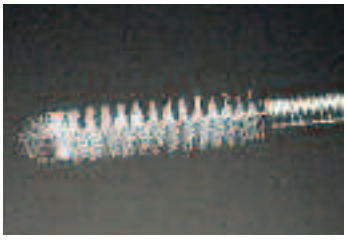
The distal part of the spiral has been ground smooth for easier as well as faster movement along the working channel. Its reduced stiffness also gives the user extra sensitivity for special applications such as in pedriatics.
The spiral also shows length markers for faster use within the working channel as well as allowing the tip to approach and exit the distal end of the channel

more safely. Just look at the table printed on the handle to choose the proper length marker in accordance with the endoscope in use. Such features, along with its very smooth operation resulting from high-precision assembling, make the product easier and safer to use.
Highly-resistant materials and low-maintenance needs make them very cost-effective too.
The Forceps and Retrievers are reusable and delivered in clean room (Class 10.000) sealed envelopes (NOT sterile) then individually packed into cardboard boxes. They can be sterilized by steam and gas (ETO) procedures according to standard protocols.

CLEANFLEX® CLEANING BRUSHES

Along with the Forceps and the Retrievers a comprehensive range of cleaning brushes is available.
They are reusable and sterilizable, and available with single brushed end and finger ring, or twin brushed ends.

Order no.	*Brush diameter*
SINGLE BRUSH	
CBS.R.230.10.2	2,0
CBS.R.230.20.2	2,0
CBS.R.230.10.3	3,0
CBS.R.230.20.3	3,0
CBS.R.230.10.4	4,0
CBS.R.230.20.4	4,0
TWIN BRUSH	
CBT.R.230.20.10.2	2,0
CBT.R.230.20.10.3	3,0
CBT.R.230.20.10.4	4,0



BITEFLEX® Biopsy Forceps are for use in medical procedures to obtain mucosal tissue samples via endoscopy for microscopic examination. The stainless steel used in the cutting area has been hardened to produce a durable cutting edge. The cups are fenestrated to contain larger tissue samples and are also available with needle and toothed edge. They come protected by a rubber cap.

RETRIFLEX® Foreign Body Retrievers will be used to remove foreign bodies of any shape and size from the human body. They can also be used for the removal of polyps and stones. The distal components are made of stainless steel or Nitinol which feature long-lasting elastic properties.

Features & Benefits

- In-house product planning and development
- High quality raw materials
- Great precision in manufacturing and assembling of components
- First quality primary and secondary packaging under Class 10.000 Clean Room procedure
- Reusable & sterilizable – Steam and ETO
- In accordance with ISO13485 and CE marked
- 2 years Warranty from material and manufacturing defects
- Repair&Spare Parts Service
- Ergonomically shaped finger slide
- Length markers on spiral plus lengths table on handle
- Distal part of the spiral ground-smoothed for easier and faster use

BITEFLEX® Biopsy Forceps and RETRIFLEX® Foreign Body Retrievers are compatible with all the most popular brands of endoscope currently available on the market. Before use please check them carefully or contact your Distributor for further assistance.

Biopsy forceps order no. table

B	Biopsy Forceps	**F**	Fenestrated
R	Reusable	**N**	Needle
SP	Steel-Plastic (handle)	**T**	Toothed
O	Oval	B.R.SP.OF.**120**.10	length in cm
C	Round	B.R.SP.OF.120.**10**	diameter in mm/10

Foreign body retrievers order no. table

BR	Foreign Body Retrievers	**AC**	Alligator Crocodile
R	Reusable	**4W-6W**	4/6-Wire helicoidal basket
SP	Steel-Plastic (handle)	**4X**	4-Wire hexagonal basket
4H	4-Sprong Grasper w/hooks		Width of baskets when open:
4E	4-Sprong Grasper w/eyelets	**1**	15 mm
J1	Forked Jaw 1:2	**2**	25 mm
J2	Forked Jaw 2:2	**3**	35 mm
RT	Rat Tooth	BR.R.SP.J1.**120**.18	length in cm
A	Alligator	BR.R.SP.J1.120.**18**	diameter in mm/10

Cleaning brushes order no. table

CBS	Cleaning brush - single	CBS.R.**230**.10.20.3	device length in cm
CBT	Cleaning brush - twin	CBS.R.230.**10**.20.3	brush #1 length in mm
R	Reusable	CBS.R.230.10.**20**.3	brush #2 length in mm
		CBS.R.230.10.20.**3**	brushes diameter in mm

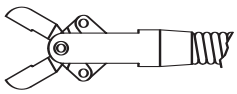
Also available upon request

OW-OWN	Oval plain cups - w/ or w/o needle
OWT-OWTN	Oval plain toothed cups - w/ or w/o needle
CW-CWN	Round plain cups - w/ or w/o needle
S	Handle 100% stainless steel
P	Handle 100% plastic

All biopsy forceps also available in 1,0, 1,4 & 1,6 mm diameters.
Brushes also available in 5, 6, 7 mm diameters.

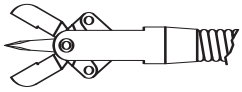
BITEFLEX® BIOPSY FORCEPS

OVAL FENESTRATED CUPS



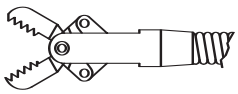
Order no.	*Outer diameter*
Length 120 cm	
B.R.SP.OF.120.18	1,8
B.R.SP.OF.120.21	2,1
B.R.SP.OF.120.23	2,3
B.R.SP.OF.120.25	2,5
Length 160 cm	
B.R.SP.OF.160.18	1,8
B.R.SP.OF.160.21	2,1
B.R.SP.OF.160.23	2,3
B.R.SP.OF.160.25	2,5
Length 180 cm	
B.R.SP.OF.180.18	1,8
B.R.SP.OF.180.21	2,1
B.R.SP.OF.180.23	2,3
B.R.SP.OF.180.25	2,5
B.R.SP.OF.180.34	3,4
Length 230 cm	
B.R.SP.OF.230.18	1,8
B.R.SP.OF.230.21	2,1
B.R.SP.OF.230.23	2,3
B.R.SP.OF.230.25	2,5
B.R.SP.OF.230.34	3,4

OVAL FENESTRATED CUPS WITH NEEDLE



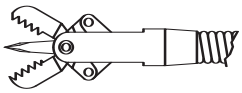
Order no.	*Outer diameter*
Length 120 cm	
B.R.SP.OF.N.120.18	1,8
B.R.SP.OF.N.120.21	2,1
B.R.SP.OF.N.120.23	2,3
B.R.SP.OF.N.120.25	2,5
Length 160 cm	
B.R.SP.OF.N.160.18	1,8
B.R.SP.OF.N.160.21	2,1
B.R.SP.OF.N.160.23	2,3
B.R.SP.OF.N.160.25	2,5
Length 180 cm	
B.R.SP.OF.N.180.18	1,8
B.R.SP.OF.N.180.21	2,1
B.R.SP.OF.N.180.23	2,3
B.R.SP.OF.N.180.25	2,5
B.R.SP.OF.N.180.34	3,4
Length 230 cm	
B.R.SP.OF.N.230.18	1,8
B.R.SP.OF.N.230.21	2,1
B.R.SP.OF.N.230.23	2,3
B.R.SP.OF.N.230.25	2,5
B.R.SP.OF.N.230.34	3,4

OVAL FENESTRATED TOOTHED CUPS



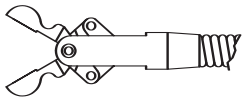
Order no.	*Outer diameter*
Length 120 cm	
B.R.SP.OF.T.120.18	1,8
B.R.SP.OF.T.120.21	2,1
B.R.SP.OF.T.120.23	2,3
B.R.SP.OF.T.120.25	2,5
Length 160 cm	
B.R.SP.OF.T.160.18	1,8
B.R.SP.OF.T.160.21	2,1
B.R.SP.OF.T.160.23	2,3
B.R.SP.OF.T.160.25	2,5
Length 180 cm	
B.R.SP.OF.T.180.18	1,8
B.R.SP.OF.T.180.21	2,1
B.R.SP.OF.T.180.23	2,3
B.R.SP.OF.T.180.25	2,5
Length 230 cm	
B.R.SP.OF.T.230.18	1,8
B.R.SP.OF.T.230.21	2,1
B.R.SP.OF.T.230.23	2,3
B.R.SP.OF.T.230.25	2,5

OVAL FENESTRATED TOOTHED CUPS WITH NEEDLE



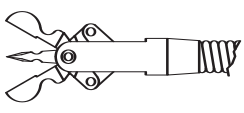
Order no.	*Outer diameter*
Length 120 cm	
B.R.SP.OF.TN.120.18	1,8
B.R.SP.OF.TN.120.21	2,1
B.R.SP.OF.TN.120.23	2,3
B.R.SP.OF.TN.120.25	2,5
Length 160 cm	
B.R.SP.OF.TN.160.18	1,8
B.R.SP.OF.TN.160.21	2,1
B.R.SP.OF.TN.160.23	2,3
B.R.SP.OF.TN.160.25	2,5
Length 180 cm	
B.R.SP.OF.TN.180.18	1,8
B.R.SP.OF.TN.180.21	2,1
B.R.SP.OF.TN.180.23	2,3
B.R.SP.OF.TN.180.25	2,5
Length 230 cm	
B.R.SP.OF.TN.230.18	1,8
B.R.SP.OF.TN.230.21	2,1
B.R.SP.OF.TN.230.23	2,3
B.R.SP.OF.TN.230.25	2,5

ROUND FENESTRATED CUPS



Order no.	*Outer diameter*
Length 120 cm	
B.R.SP.CF.120.18	1,8
B.R.SP.CF.120.23	2,3
Length 160 cm	
B.R.SP.CF.160.18	1,8
B.R.SP.CF.160.23	2,3
Length 180 cm	
B.R.SP.CF.180.18	1,8
B.R.SP.CF.180.23	2,3
Length 230 cm	
B.R.SP.CF.230.18	1,8
B.R.SP.CF.230.23	2,3

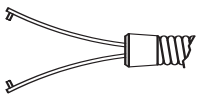
ROUND FENESTRATED CUPS WITH NEEDLE



Order no.	*Outer diameter*
Length 120 cm	
B.R.SP.CF.N.120.23	2,3
Length 160 cm	
B.R.SP.CF.N.160.23	2,3
Length 180 cm	
B.R.SP.CF.N.180.23	2,3
Length 230 cm	
B.R.SP.CF.N.230.23	2,3

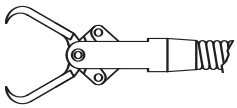
RETRIFLEX® FOREIGN BODY RETRIEVERS

FORKED JAW



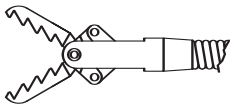
Order no.	Outer diameter
Length 120 cm - 1:2	
BR.R.SP.J1.120.18	1,8
BR.R.SP.J1.120.23	2,3
2:2	
BR.R.SP.J2.120.18	1,8
BR.R.SP.J2.120.23	2,3
Length 160 cm - 1:2	
BR.R.SP.J1.160.18	1,8
BR.R.SP.J1.160.23	2,3
2:2	
BR.R.SP.J2.160.18	1,8
BR.R.SP.J2.160.23	2,3
Length 180 cm - 1:2	
BR.R.SP.J1.180.18	1,8
BR.R.SP.J1.180.23	2,3
2:2	
BR.R.SP.J2.180.18	1,8
BR.R.SP.J2.180.23	2,3
Length 230 cm - 1:2	
BR.R.SP.J1.230.18	1,8
BR.R.SP.J1.230.23	2,3
2:2	
BR.R.SP.J2.230.18	1,8
BR.R.SP.J2.230.23	2,3

RAT TOOTH



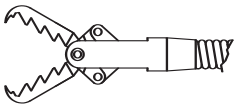
Order no.	Outer diameter
Length 120 cm	
BR.R.SP.RT.120.18	1,8
BR.R.SP.RT.120.23	2,3
BR.R.SP.RT.120.25	2,5
Length 160 cm	
BR.R.SP.RT.160.18	1,8
BR.R.SP.RT.160.23	2,3
BR.R.SP.RT.160.25	2,5
Length 180 cm	
BR.R.SP.RT.180.18	1,8
BR.R.SP.RT.180.23	2,3
BR.R.SP.RT.180.25	2,5
Length 230 cm	
BR.R.SP.RT.230.18	1,8
BR.R.SP.RT.230.23	2,3
BR.R.SP.RT.230.25	2,5

ALLIGATOR



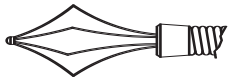
Order no.	Outer diameter
Length 120 cm	
BR.R.SP.A.120.18	1,8
BR.R.SP.A.120.23	2,3
BR.R.SP.A.120.25	2,5
Length 160 cm	
BR.R.SP.A.160.18	1,8
BR.R.SP.A.160.23	2,3
BR.R.SP.A.160.25	2,5
Length 180 cm	
BR.R.SP.A.180.18	1,8
BR.R.SP.A.180.23	2,3
BR.R.SP.A.180.25	2,5
Length 230 cm	
BR.R.SP.A.230.18	1,8
BR.R.SP.A.230.23	2,3
BR.R.SP.A.230.25	2,5

ALLIGATOR CROCODILE



Order no.	Outer diameter
Length 120 cm	
BR.R.SP.AC.120.18	1,8
BR.R.SP.AC.120.23	2,3
BR.R.SP.AC.120.25	2,5
Length 160 cm	
BR.R.SP.AC.160.18	1,8
BR.R.SP.AC.160.23	2,3
BR.R.SP.AC.160.25	2,5
Length 180 cm	
BR.R.SP.AC.180.18	1,8
BR.R.SP.AC.180.23	2,3
BR.R.SP.AC.180.25	2,5
Length 230 cm	
BR.R.SP.AC.230.18	1,8
BR.R.SP.AC.230.23	2,3
BR.R.SP.AC.230.25	25

4-WIRE HEXAGONAL BASKETS



Order no.	Outer diameter
Length 180 cm	
BR.R.SP.4X1.180.23	2,3
BR.R.SP.4X2.180.23	2,3
BR.R.SP.4X3.180.23	2,3
Length 230 cm	
BR.R.SP.4X1.230.23	2,3
BR.R.SP.4X2.230.23	2,3
BR.R.SP.4X3.230.23	2,3

HELICOIDAL BASKETS

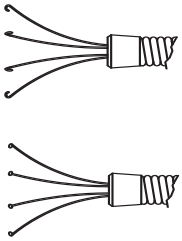
4-WIRE

Order no.	Outer diameter
Length 180 cm	
BR.R.SP.4W1.180.23	2,3
BR.R.SP.4W2.180.23	2,3
BR.R.SP.4W3.180.23	2,3
Length 230 cm	
BR.R.SP.4W1.230.23	2,3
BR.R.SP.4W2.230.23	2,3
BR.R.SP.4W3.230.23	2,3

6-WIRE

Order no.	Outer diameter
Length 180 cm	
BR.R.SP.6W1.180.23	2,3
BR.R.SP.6W2.180.23	2,3
BR.R.SP.6W3.180.23	2,3
Length 230 cm	
BR.R.SP.6W1.230.23	2,3
BR.R.SP.6W2.230.23	2,3
BR.R.SP.6W3.230.23	2,3

4-SPRONG



Order no.	Outer diameter
Length 120 cm	
with hooks	
BR.R.SP.4H.120.25	2,5
with eyelets	
BR.R.SP.4E.120.25	2,5
Length 160 cm	
with hooks	
BR.R.SP.4H.160.25	2,5
with eyelets	
BR.R.SP.4E.160.25	2,5
Length 180 cm	
with hooks	
BR.R.SP.4H.180.25	2,5
with eyelets	
BR.R.SP.4E.180.25	2,5
Length 230 cm	
with hooks	
BR.R.SP.4H.230.25	2,5
with eyelets	
BR.R.SP.4E.230.25	2,5

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Authorized Distributor

Release TB-E/02.05

carniamed

ISO 9001
ISO 13485

CE 0123

CE marking is intended for the finished product.

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