



Rongeur

Wir behalten uns vor, Änderungen und Verbesserungen durchzuführen und die Instrumente und Geräte ohne besonderen Hinweis in der modifizierten Ausführung auszuliefern.

Die Verwendung dieses Kataloges zu anderen Zwecken als ausschließlich der zum Vertrieb von **VeHu** Produkten ist untersagt. Zuwiderhandlungen werden rechtlich geahndet. Der Nachdruck, auch auszugsweise, ist verboten.

We reserve the right of technical modifications and improvements and to supply the instruments and apparatus without specific indication in the modified finish.

The use of this catalogue is restricted to actions necessary for selling original **VeHu** products. The use for any purpose other than selling original **VeHu** products is prohibited and will be prosecuted. Reprinting, even partially, is not allowed.



Willkommen bei VeHu

Sie kennen uns (noch) nicht?

Wir sind ihr kompetenter Partner für die Veterinär- und Humanmedizin.

Denn wir bieten das komplette Programm an chirurgischen Instrumenten direkt aus Tuttlingen - dem weltzentrum der Medizintechnik.

Neben dem Vertrieb konzentrieren wir uns auf unsere Produktionsstätte –MRitter&Sohn GmbH in der wir hochpräzise chirurgische Instrumente entwickeln und fertigen – selbstverständlich auch kundenspezifische Aufträge.

Sowohl die Produkte aus unserer eigenen Herstellung und die Komponenten von ausgewählten Lieferanten, obliegen konsequent unserer strengen Kontrolle, Prüfverfahren und langjähriger Erfahrung.

So wird die gleichbleibende hohe Qualität aus unserem Hause gesichert und bereitgestellt.

Für die hohe Anforderung in der Medizin.

Welcome to VeHu.

You don't know us yet.

We are your competent partner for veterinary and human medicine.

We offer the entire range of surgical Instruments.

Our headquarter is located in Tuttlingen, the world center of medical technology.

In addition to sales, we concentrate on our production site- MRitter&Sohn GmbH-in which we develop and manufacture high-precision surgical instruments- Of course, also custom orders.

Both the products of our own production and the components of selected suppliers are consistently subject to our strict control, testing procedures and many years of experience.

This way the constant high quality from our company is secured and made available.

For the high requirement in the medicine.

VeHu-Medical ist seit 2000 erfolgreich im medizinischen Bereich tätig. Wir bieten das komplette Sortiment chirurgischer Instrumente an. VeHu-Medical wurde ursprünglich im Jahr 2000 von Frau Claudia und Herrn Peter Kraut gegründet und wechselte 2015 zu MRitter & Sohn, zu einem etablierten Hersteller von chirurgischen Instrumenten. Der mittlerweile über zwei Generationen von Michael Ritter und Kevin Ritter geführt wird.

Michael Ritter, der seine über drei Jahrzehnte lange Erfahrung in der Herstellung von chirurgischen Instrumenten einbringt und nach höchsten Qualitätsstandards herstellt. Die allen nationalen und internationalen Normen und Vorschriften entsprechen.

Auch im Vertrieb, steht unsere Philosophie und Marke für herausragende Qualität. Einen Kundenservice mit persönlicher Beratung und zuverlässigen Service gewährleistet.

Das Produkt und die Erwartungen unserer Kunden stehen im Mittelpunkt und Fokus aller unserer Aktivitäten, um die Erwartungen, Wünsche und Anforderungen unserer Kunden auf höchstem Qualitätsniveau zu erfüllen. Unsere Datenbank umfasst 15.000 Standardartikel. Obwohl unser Lagerbestand in den letzten zwei Jahren verdoppelt wurde, fügen wir unserer Standardbestandsmenge kontinuierlich weitere Artikel hinzu, um die kürzeste Lieferzeit für unsere Kunden sicherzustellen.

Unser Logistiksystem wurde an den neusten Stand der Technik angepasst und verfügt über eine geschulte Mitarbeiterzahl von mehr als 10 Mitarbeitern im Vertrieb und in der eigenen Produktion, um die tägliche Einhaltung der Produktionsqualität und Lieferzeiten sicherzustellen.

All dies spiegelt sich in unserer Flexibilität und Verfügbarkeit für jeden Kundenwunsch in Verbindung mit einem hervorragenden Preis-Leistungs-Verhältnis wider.

Um die Einhaltung aller verbindlichen internationalen Standards zu gewährleisten, sind wir selbstverständlich ein nach DIN ISO 13485: 2016 und US-amerikanischen FDA zertifiziertes Unternehmen.

Since 2000, VeHu-Medical has been successfully active in the medical sector. We offer a complete range of surgical instruments.

VeHu-Medical was originally founded by Mrs. Claudia and Mr. Peter Kraut in the year 2000 and changed ownership in 2015 to MRitter & Sohn, a well established manufacturer of surgical instruments with the professional expertise of Michael Ritter and Kevin Ritter meanwhile over 2 generations of manufacturing surgical instruments of the highest quality standards complying with all national and international standards and regulations.

After almost 2 decades of professional experience in manufacturing of surgical instruments, as well as the sales and distribution, our philosophy and brands stands for outstanding quality, a customer service with personal approach and advise and of course reliable on-time delivery are our strengths and ensure customer comprehensive and reliable service.

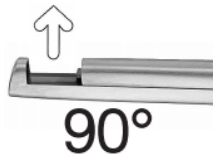
The product along with our customers expectations are the center and focus of all activities in order to meet our clients expectations, wishes, demands and requirements on the highest quality levels.

Our database includes 15.000 standard articles and despite our stock value has been doubled over the last two years, we continuously adding more articles to our standard stock quantity to ensure the shortest possible delivery time for our clients.

Our store and logistic system has been adapted to the last state-of-the-art requirements, along with a professional trained staff size of more then 10 employees in sales and own production to ensure production quality and delivery time compliance on daily bases. All of the above is reflected by our flexibility and availability for any customer demand in combination with an excellent price-performance ratio.

In order to ensure the compliance with all mandatory international standards we are, of course, a certified DIN ISO 13485:2016 and US FDA registered company.





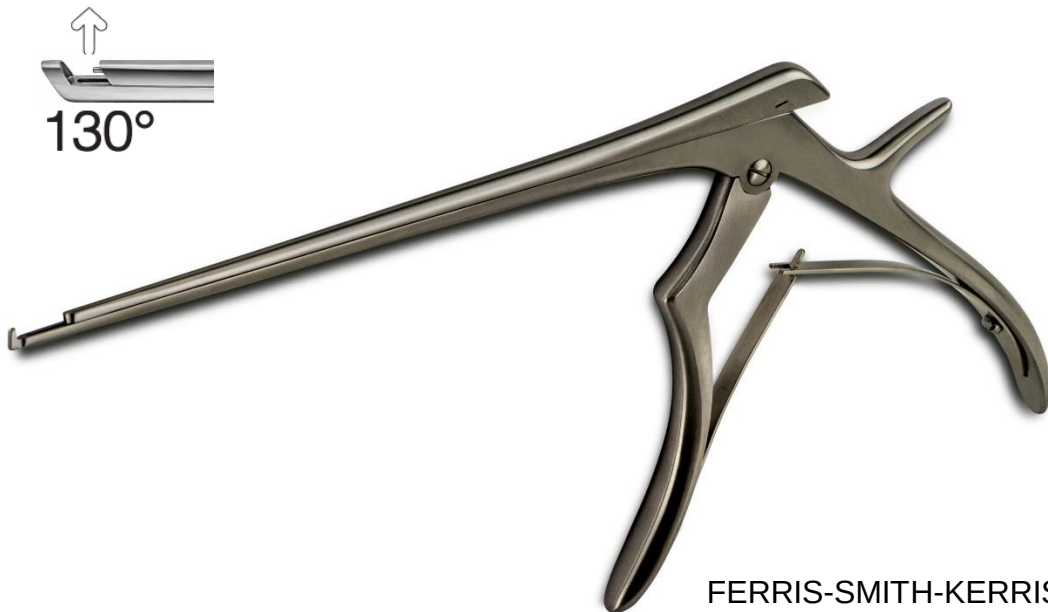
FERRIS-SMITH-KERRISON

Länge	Schnitt	Standard	Zerlegbar	Zerlegbar (Black)	Auswerfer
Length	cut	Standard	Dismantable	Dismantable (Black)	Ejector
180 mm	1 mm	140.510.01	140.496.01	140.496.01B	
	2 mm	140.510.02	140.496.02	140.496.02B	
	3 mm	140.510.03	140.496.03	140.496.03B	X
	4 mm	140.510.04	140.496.04	140.496.04B	X
	5 mm	140.510.05	140.496.05	140.496.05B	X
	6 mm	140.510.06	140.496.06	140.496.06B	X
200 mm	1 mm	140.510.11	140.496.11	140.496.11B	
	2 mm	140.510.12	140.496.12	140.496.12B	
	3 mm	140.510.13	140.496.13	140.496.13B	X
	4 mm	140.510.14	140.496.14	140.496.14B	X
	5 mm	140.510.15	140.496.15	140.496.15B	X
	6 mm	140.510.16	140.496.16	140.496.16B	X
230 MM	1 mm	140.510.21	140.497.02	140.497.02B	
	2 mm	140.510.22	140.497.03	140.497.03B	
	3 mm	140.510.23	140.497.04	140.497.04B	X
	4 mm	140.510.24	140.497.05	140.497.05B	X
	5 mm	140.510.25	140.497.06	140.497.06B	X
	6 mm	140.510.26	140.497.07	140.497.07B	X



FERRIS-SMITH-KERRISON

Länge	Schnitt	Standard	Zerlegbar	Zerlegbar (Black)	Auswerfer
Length	cut	Standard	Dismantable	Dismantable (Black)	Ejector
180 mm	1 mm	140.511.01	140.498.01	140.498.01B	
	2 mm	140.511.02	140.498.02	140.498.02B	
	3 mm	140.511.03	140.498.03	140.498.03B	X
	4 mm	140.511.04	140.498.04	140.498.04B	X
	5 mm	140.511.05	140.498.05	140.498.05B	X
	6 mm	140.511.06	140.498.06	140.498.06B	X
200 mm	1 mm	140.499.11	140.498.11	140.498.11B	
	2 mm	140.499.12	140.498.12	140.498.12B	
	3 mm	140.499.13	140.498.13	140.498.13B	X
	4 mm	140.499.14	140.498.14	140.498.14B	X
	5 mm	140.499.15	140.498.15	140.498.15B	X
	6 mm	140.499.16	140.498.16	140.498.16B	X
230 MM	1 mm	140.499.42	140.499.02	140.499.02B	
	2 mm	140.499.43	140.499.03	140.499.03B	
	3 mm	140.499.44	140.499.04	140.499.04B	X
	4 mm	140.499.45	140.499.05	140.499.05B	X
	5 mm	140.499.46	140.499.06	140.499.06B	X
	6 mm	140.499.47	140.499.07	140.499.07B	X



FERRIS-SMITH-KERRISON

Länge	Schnitt	Standard	Zerlegbar	Zerlegbar (Black)	Auswerfer
Length	cut	Standard	Dismantable	Dismantable (Black)	Ejector
180 mm	1 mm	140.512.01	140.500.01	140.500.01B	
	2 mm	140.512.02	140.500.02	140.500.02B	
	3 mm	140.512.03	140.500.03	140.500.03B	X
	4 mm	140.512.04	140.500.04	140.500.04B	X
	5 mm	140.512.05	140.500.05	140.500.05B	X
	6 mm	140.512.06	140.500.06	140.500.06B	X
200 mm	1 mm	140.511.22	140.501 02	140.501.02B	
	2 mm	140.511.23	140.501 03	140.501.03B	
	3 mm	140.511.24	140.501 04	140.501.04B	X
	4 mm	140.511.25	140.501 05	140.501.05B	X
	5 mm	140.511.26	140.501 06	140.501.06B	X
	6 mm	140.511.27	140.501 07	140.501.07B	X
230 MM	1 mm	140.511.02	140.502.02	140.502.02B	
	2 mm	140.511.03	140.502.03	140.502.03B	
	3 mm	140.511.04	140.502.04	140.502.04B	X
	4 mm	140.511.05	140.502.05	140.502.05B	X
	5 mm	140.511.06	140.502.06	140.502.06B	X
	6 mm	140.511.07	140.502.07	140.502.07B	X



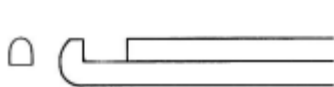
FERRIS-SMITH-KERRISON

Länge	Schnitt	Standard	Zerlegbar	Zerlegbar (Black)	Auswerfer
Length	cut	Standard	Dismantable	Dismantable (Black)	Ejector
180 mm	1 mm	140.514.01	140.503.01	140.503.01B	
	2 mm	140.514.02	140.503.02	140.503.02B	
	3 mm	140.514.03	140.503.03	140.503.03B	X
	4 mm	140.514.04	140.503.04	140.503.04B	X
	5 mm	140.514.05	140.503.05	140.503.05B	X
	6 mm	140.514.06	140.503.06	140.503.06B	X
200 mm	1 mm	140.514.21	140.503.21	140.503.21B	
	2 mm	140.514.22	140.503.22	140.503.22B	
	3 mm	140.514.23	140.503.23	140.503.23B	X
	4 mm	140.514.24	140.503.24	140.503.24B	X
	5 mm	140.514.25	140.503.25	140.503.25B	X
	6 mm	140.514.26	140.503.26	140.503.26B	X
230 MM	1 mm	140.543.02	140.504.02	140.504.02B	
	2 mm	140.543.03	140.504.03	140.504.03B	
	3 mm	140.543.04	140.504.04	140.504.04B	X
	4 mm	140.543.05	140.504.05	140.504.05B	X
	5 mm	140.543.06	140.504.06	140.504.06B	X
	6 mm	140.543.07	140.504.07	140.504.07B	X

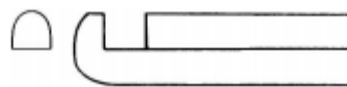


L = Schaftlänge#
Shaft length

COLCLOUGH



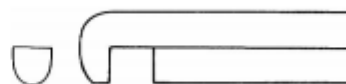
	3 mm
15cm	140.520.03
20 cm	140.522.03



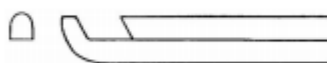
	5 mm
15cm	140.520.05
20 cm	140.522.05



	3 mm
15cm	140.524.03
20 cm	140.526.03



	5 mm
15cm	140.524.05
20 cm	140.526.05



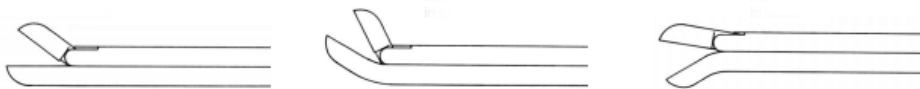
	3 mm
15cm	140.527.03
20 cm	140.529.03



	5 mm
15cm	140.527.05
20 cm	140.529.05

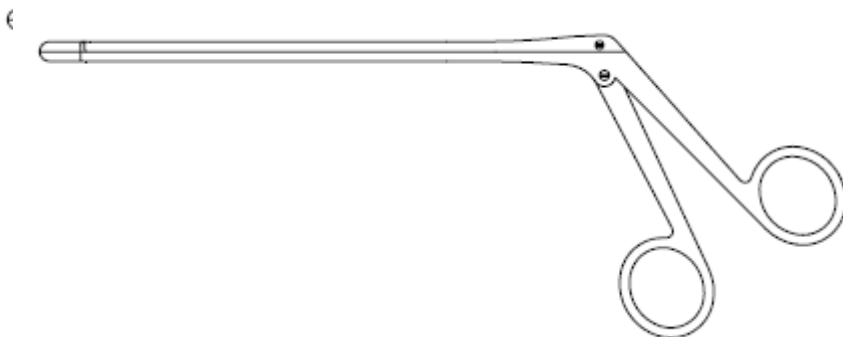


FERRIS-SMITH-CUSHING

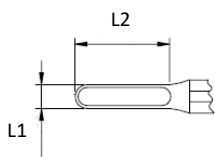


	16 cm	18 cm	16 cm	18 cm	16 cm	18 cm
2 X 10 mm	140.450.01	140.450.02	140.450.03	140.450.04	140.450.05	140.450.06
3 X 10 mm	140.451.01	140.451.02	140.451.03	140.451.04	140.451.05	140.451.06
4 X 10 mm	140.452.01	140.452.02	140.452.03	140.452.04	140.452.05	140.452.06

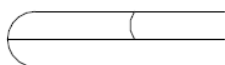
Mikro Cushing



Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight



L1 L2

Schaftlänge/ Length of shaft

130 mm

150 mm

180 mm

1,0 X 10 mm

140.420.10

140.421.10

140.422.10

1,5 X 10 mm

140.430.10

140.431.10

140.432.10

Aufgebogen/Curved up

30°



L1 L2

Schaftlänge/ Length of shaft

130 mm

150 mm

180 mm

1,0 X 10 mm

140.420.13

140.421.15

140.422.18

1,5 X 10 mm

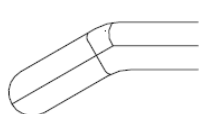
140.430.13

140.431.15

140.432.18

Abwärts gebogen/Curved down

30°



L1 L2

Schaftlänge/ Length of shaft

130 mm

150 mm

180 mm

1,0 X 10 mm

140.420.20

140.421.20

140.422.20

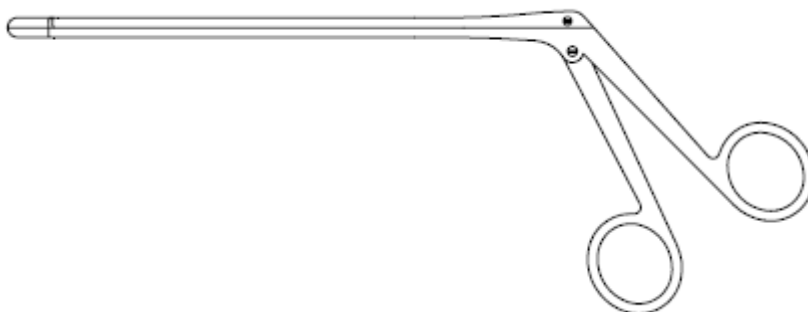
1,5 X 10 mm

140.430.20

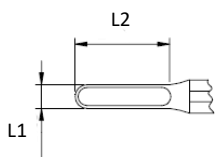
140.431.20

140.432.20

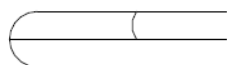
Mikro Cushing



Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight



L1 L2

Schaftlänge/ Length of shaft

200 mm

230 mm

250 mm

1,0 X 10 mm

140.420.25

140.421.25

140.422.25

1,5 X 10 mm

140.430.25

140.431.25

140.432.25

Aufgebogen/Curved up

30°



L1 L2

Schaftlänge/ Length of shaft

200 mm

230 mm

250 mm

1,0 X 10 mm

140.420.30

140.421.30

140.422.30

1,5 X 10 mm

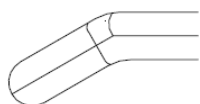
140.430.30

140.431.30

140.432.30

Abwärts gebogen/Curved down

30°



L1 L2

Schaftlänge/ Length of shaft

200 mm

230 mm

250 mm

1,0 X 10 mm

140.420.35

140.421.35

140.422.35

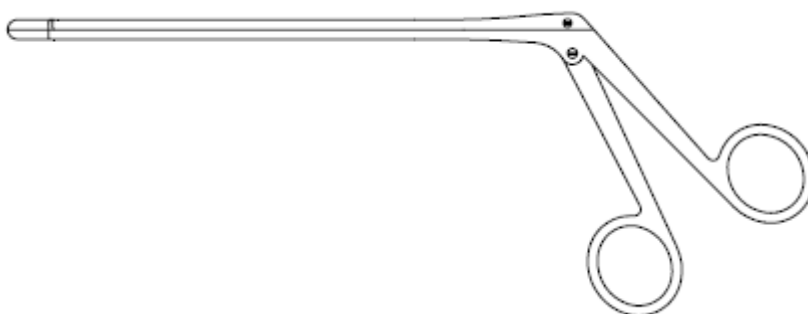
1,5 X 10 mm

140.430.35

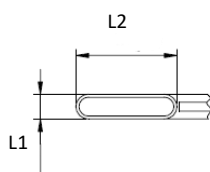
140.432.35

140.432.35

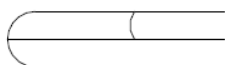
Cushing
Love-Gruenwald
Spurling



Maulgröße / eingesetzt
Size of jaw / discontinued



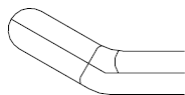
Gerade/Straight



L1	L2	130 mm	150 mm	180 mm
2 X 10 mm		140.420.01	140.421.01	140.422.01
3 X 10 mm		140.430.01	140.431.01	140.432.01
4 X 10 mm		140.440.01	140.441.01	140.442.01

Aufgebogen/Curved up

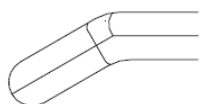
30°



		Schaftlänge/ Lenght of shaft		
L1	L2	130 mm	150 mm	180 mm
2	X 10 mm	140.420.02	140.421.02	140.422.02
3	X 10 mm	140.430.02	140.431.02	140.432.02
3	X 10 mm	140.440.02	140.441.02	140.442.02

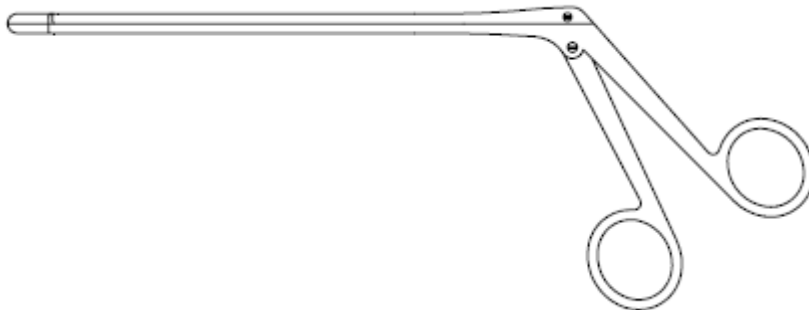
Abwärts gebogen/Curved down

30°

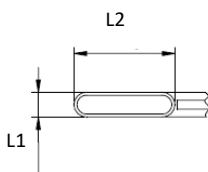


		Schaftlänge/ Length of shaft		
L1	L2	130 mm	150 mm	180 mm
2	X 10 mm	140.420.03	140.421.03	140.422.03
3	X 10 mm	140.430.03	140.431.03	140.432.03
3	X 10 mm	140.440.03	140.441.03	140.442.03

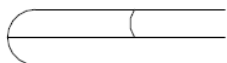
Cushing
Love-Gruenwald
Spurling



Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight



L1 L2

Schaftlänge/ Length of shaft

200 mm

230 mm

250 mm

2 X 10 mm

140.420.04

140.421.04

140.422.04

3 X 10 mm

140.430.04

140.431.04

140.432.04

4 X 10 mm

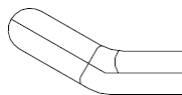
140.440.04

140.441.04

140.442.04

Aufgebogen/Curved up

30°



L1 L2

Schaftlänge/ Length of shaft

130 mm

150 mm

180 mm

2 X 10 mm

140.420.05

140.421.05

140.422.05

3 X 10 mm

140.430.05

140.431.05

140.432.05

3 X 10 mm

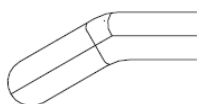
140.440.05

140.441.05

140.442.05

Abwärts gebogen/Curved down

30°



L1 L2

Schaftlänge/ Length of shaft

130 mm

150 mm

180 mm

2 X 10 mm

140.420.06

140.421.06

140.422.06

3 X 10 mm

140.430.06

140.431.06

140.432.06

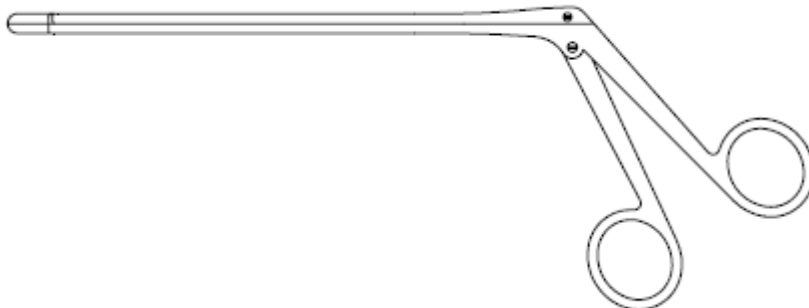
3 X 10 mm

140.440.06

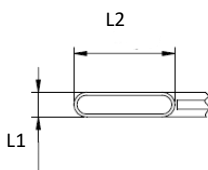
140.441.06

140.442.06

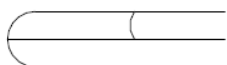
**Cloward Wagner
Spurling**



Maulgröße / eingesetzt
Size of jaw / discontinued



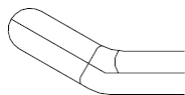
Gerade/Straight



	L1	L2	Schaftlänge/ Length of shaft		
			130 mm	150 mm	180 mm
	5,0 X 10 mm		140.440.10	140.441.10	140.442.10
	5,5 X 10 mm		140.440.11	140.441.11	140.442.11
	6,0 X 10 mm		140.440.12	140.441.12	140.442.12

Aufgebogen/Curved up

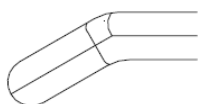
30°



	L1	L2	Schaftlänge/ Length of shaft		
			130 mm	150 mm	180 mm
	5,0 X 10 mm		140.440.15	140.441.15	140.442.15
	5,5 X 10 mm		140.440.16	140.441.16	140.442.16
	6,0 X 10 mm		140.440.17	140.441.17	140.442.17

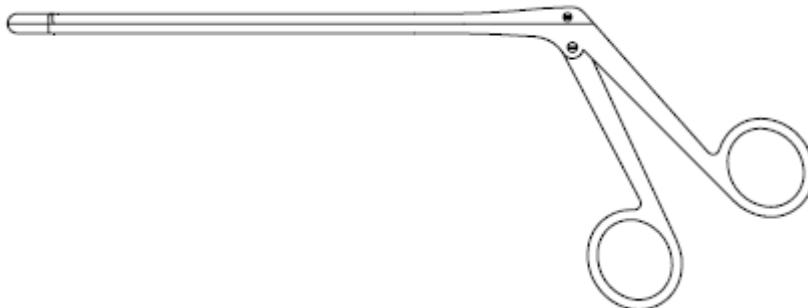
Abwärts gebogen/Curved down

30°

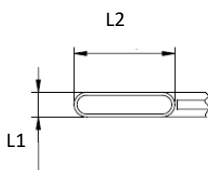


	L1	L2	Schaftlänge/ Length of shaft		
			130 mm	150 mm	180 mm
	5,0 X 10 mm		140.440.20	140.441.20	140.442.20
	5,5 X 10 mm		140.440.21	140.441.21	140.442.21
	6,0 X 10 mm		140.440.22	140.441.22	140.442.22

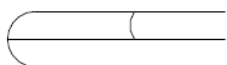
**Cloward Wagner
Spurling**



Maulgröße / eingesetzt
Size of jaw / discontinued



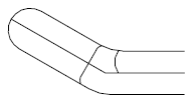
Gerade/Straight



	L1	L2	Schaftlänge/ Length of shaft		
			200 mm	230 mm	250 mm
	5,0 X 10 mm		140.440.30	140.441.30	140.442.30
	5,5 X 10 mm		140.440.31	140.441.31	140.442.31
	6,0 X 10 mm		140.440.32	140.441.32	140.442.32

Aufgebogen/Curved up

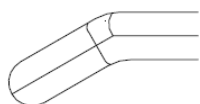
30°



	L1	L2	Schaftlänge/ Length of shaft		
			130 mm	150 mm	180 mm
	5,0 X 10 mm		140.440.40	140.441.40	140.442.40
	5,5 X 10 mm		140.440.41	140.441.41	140.442.41
	6,0 X 10 mm		140.440.42	140.441.42	140.442.42

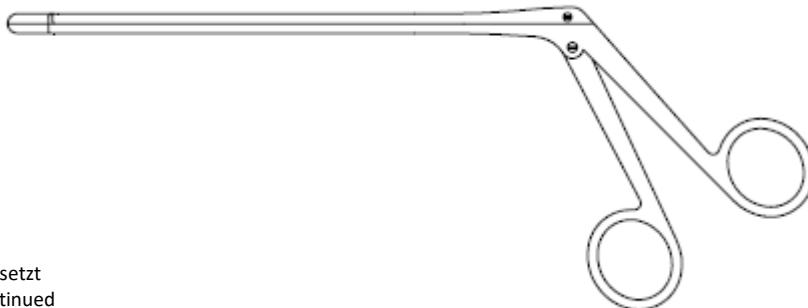
Abwärts gebogen/Curved down

30°

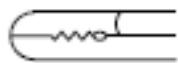
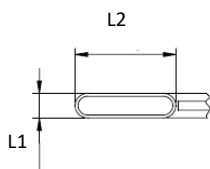


	L1	L2	Schaftlänge/ Length of shaft		
			130 mm	150 mm	180 mm
	5,0 X 10 mm		140.440.50	140.441.50	140.442.50
	5,5 X 10 mm		140.440.51	140.441.51	140.442.51
	6,0 X 10 mm		140.440.52	140.441.52	140.442.52

**Caspar mit
Langloch**

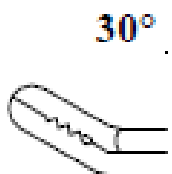


Maulgröße / eingesetzt
Size of jaw /discontinued



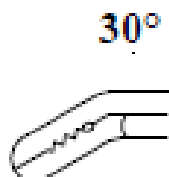
		Schaftlänge/ Lenght of shaft		
L1	L2	130 mm	150 mm	180 mm
2 X 12 mm		140.460.20	140.464.20	140.468.20
3 X 12 mm		140.460.30	140.464.30	140.468.30
4 X 12 mm		140.460.40	140.464.40	140.468.40
5 X 12 mm		140.460.50	140.464.50	140.468.50
6 X 12 mm		140.460.60	140.464.60	140.468.60

Aufgebogen/Curved up



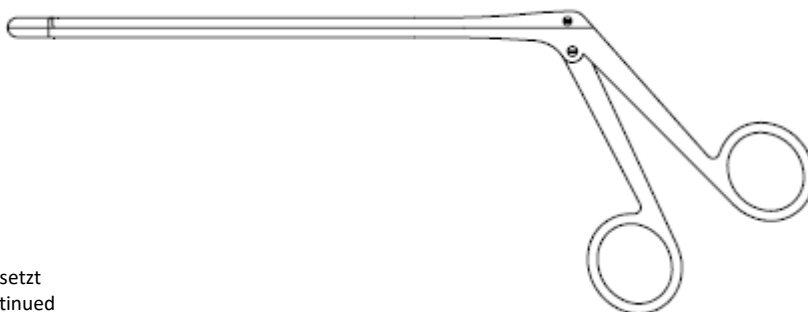
		Schaftlänge/ Lenght of shaft		
L1	L2	130 mm	150 mm	180 mm
2 X 12 mm		140.461.20	140.465.20	140.469.20
3 X 12 mm		140.461.30	140.465.30	140.469.30
4 X 12 mm		140.461.40	140.465.40	140.469.40
5 X 12 mm		140.461.50	140.465.50	140.469.50
6 X 12 mm		140.461.60	140.465.60	140.469.60

Abwärts gebogen/Curved down

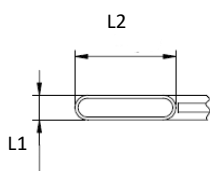


		Schaftlänge/ Lenght of shaft		
L1	L2	130 mm	150 mm	180 mm
2 X 12 mm		140.463.20	140.467.20	140.475.20
3 X 12 mm		140.463.30	140.467.30	140.475.30
4 X 12 mm		140.463.40	140.467.40	140.475.40
5 X 12 mm		140.463.50	140.467.50	140.475.50
6 X 12 mm		140.463.50	140.467.60	140.475.60

Caspar



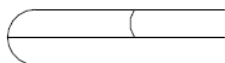
Maulgröße / eingesetzt
Size of jaw /discontinued



Schaftlänge/ Lenght of shaft

L1 L2 150 mm

Gerade/Straight



2 X 12 mm	140.470.02
3 X 13 mm	140.470.03
4 X 14 mm	140.470.04
5 X 15 mm	140.470.05

Aufgebogen/Curved up

Schaftlänge/ Lenght of shaft

L1 L2 150 mm

30°



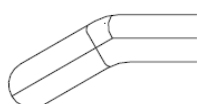
2 X 12 mm	140.471.02
3 X 13 mm	140.471.03
4 X 14 mm	140.471.04
5 X 15 mm	140.471.05

Abwärts gebogen/Curved down

Schaftlänge/ Lenght of shaft

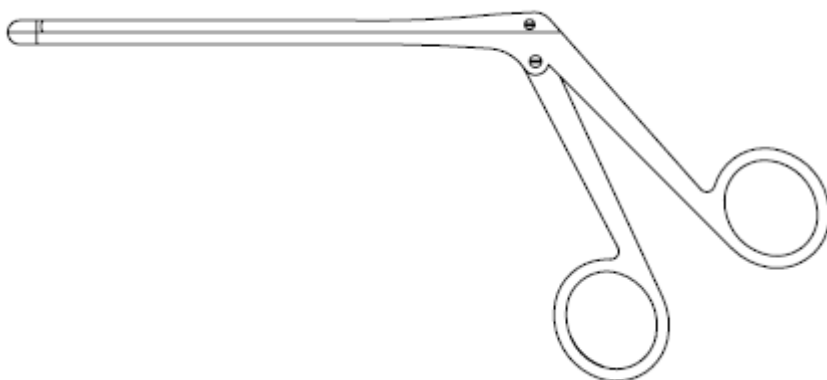
L1 L2 150 mm

30°

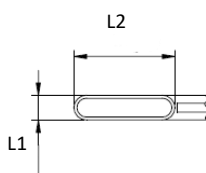


2 X 12 mm	140.473.02
3 X 13 mm	140.473.03
4 X 14 mm	140.473.04
5 X 15 mm	140.473.05

Peapod



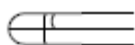
Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight

Schaftlänge/ Length of shaft

L1 L2 130 mm



2 X 6 mm 140.402.00

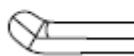
3 X 6 mm 140.402.01

Aufgebogen/Curved up

Schaftlänge/ Length of shaft

L1 L2 130 mm

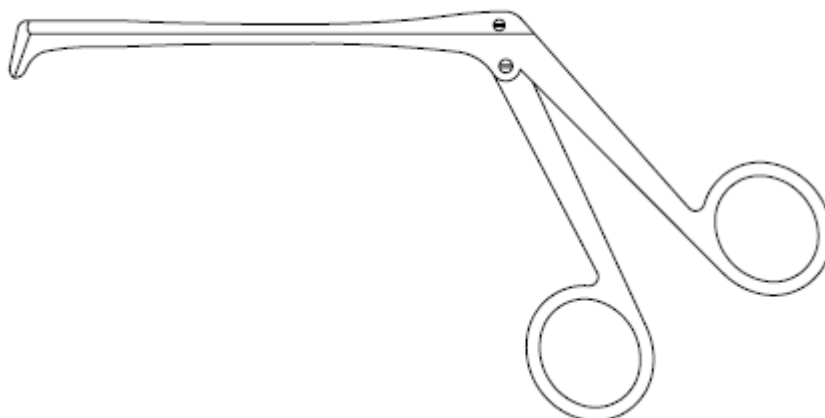
30°



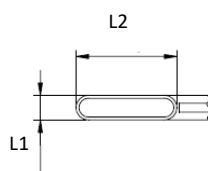
2 X 6 mm 140.402.02

3 X 6 mm 140.402.03

Bailey



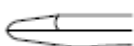
Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight

Schaftlänge/ Length of shaft

L1 L2 115 mm



3 X 6 mm 156.298.00

Abwärts gebogen/Curved
down

Schaftlänge/ Length of shaft

L1 L2 115 mm

25° / 70° / 90°



3 X 6 mm 156.298.02

3 X 6 mm 156.298.04

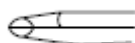
3 X 6 mm 156.298.06

Seitlich gebogen/
Angled on side

Schaftlänge/ Length of shaft

L1 L2 115 mm

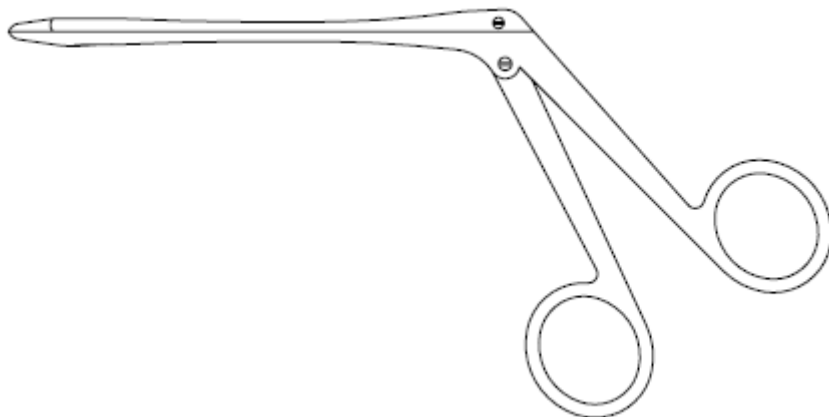
45° right and left



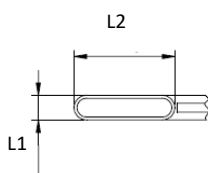
3 X 6 mm / 45° right 140.498.10

3 X 6 mm / 45° left 140.498.08

Bead



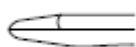
Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight

Schaftlänge/ Length of shaft

L1 L2 115 mm

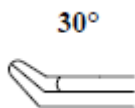


3,5 X 7 mm 140.440.70

Aufgebogen/ curved up

Schaftlänge/ Length of shaft

L1 L2 115 mm

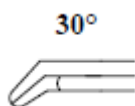


3,5 X 7 mm 140.440.80

Abwärts gebogen/Curved
down

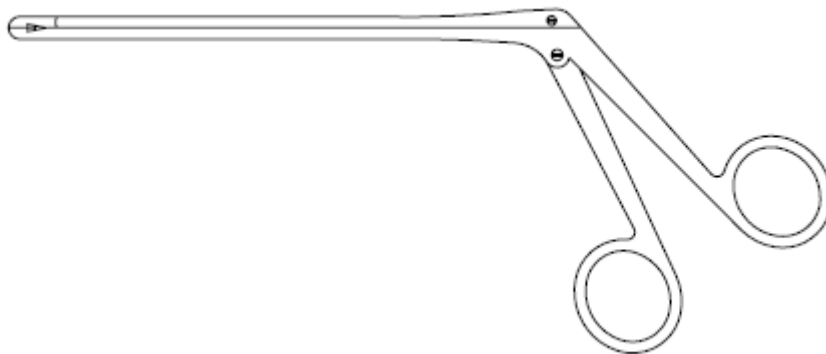
Schaftlänge/ Length of shaft

L1 L2 115 mm

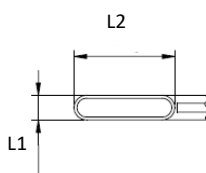


3,5 X 7 mm / 45° right 140.440.90

Poppen



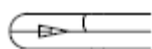
Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight

Schaftlänge/ Length of shaft

L1 L2 155 mm



4 X 7 mm 140.412.01

Aufgebogen/ curved up

Schaftlänge/ Length of shaft

L1 L2 155 mm

30°



4 X 7 mm 140.412.02

Abwärts gebogen/Curved
down

Schaftlänge/ Length of shaft

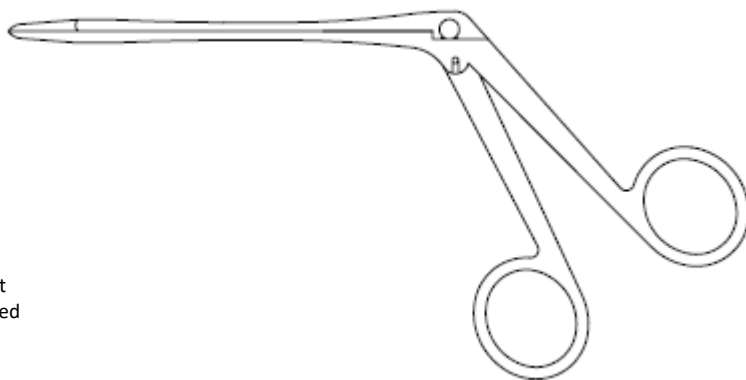
L1 L2 155 mm

30°

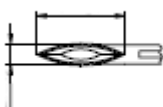


4 X 7 mm 140.412.03

Weil-Blakesley



Maulgröße / eingesetzt
Size of jaw / discontinued

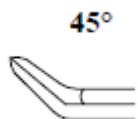


Gerade/Straight



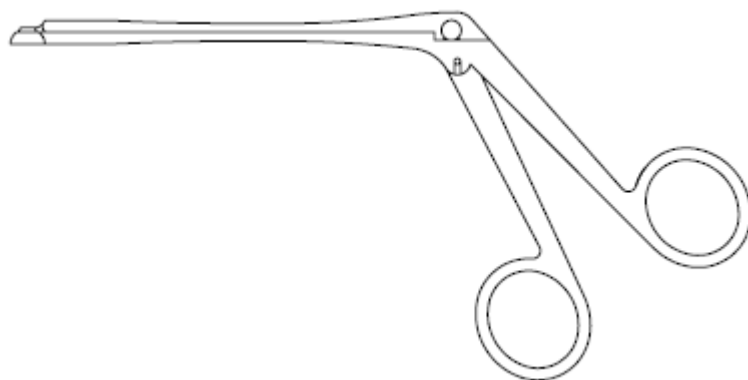
		Schaftlänge/ Length of shaft		
		120 mm	140 mm	180 mm
L1	L2			
3 X	8,0 mm	146.221.01	140.421.20	140.421.30
4 X	12,0 mm	146.221.02	140.421.21	140.421.31
5 X	12,5 mm	146.221.03	140.421.22	140.421.32
6 X	13,0 mm	146.221.04	140.421.23	140.421.33
7 X	13,0 mm	146.221.05	140.421.24	140.421.34

Aufgebogen/Curved up



		Schaftlänge/ Length of shaft		
		120 mm	140 mm	180 mm
L1	L2			
3 X	8,0 mm	146.421.11	140.421.25	140.421.35
4 X	12,0 mm	146.421.12	140.421.26	140.421.36
5 X	12,5 mm	146.421.13	140.421.27	140.421.37
6 X	13,0 mm	146.421.14	140.421.28	140.421.38
7 X	13,0 mm	146.421.15	140.421.29	140.421.39

Hartmann



Maulgröße / eingesetzt
Size of jaw / discontinued



Schaftlänge/ Length of shaft
120 mm

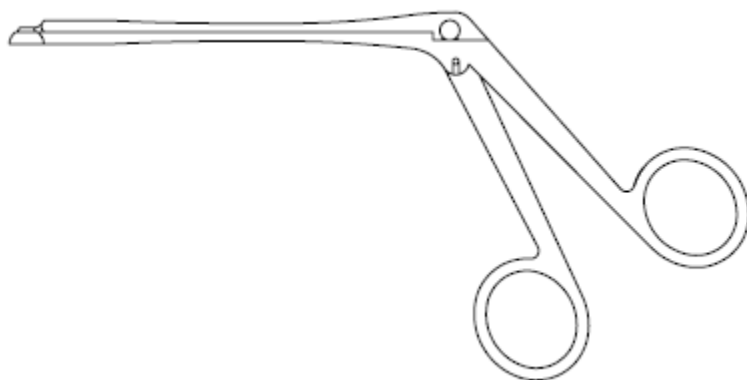
Gerade/Straight



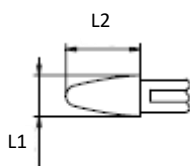
D = 5 mm
D = 7 mm
D = 9 mm
D = 11 mm

146.235.05
140.235.07
140.235.09
140.235.11

**Nasen/Zahnfleisch -
Stanze nach Tomati**



Gerade/Straight



Schaftlänge/ Length of shaft

L1 - L2

120 mm

5 X 9 mm

108.830.19

Aufgebogen/curved up

Schaftlänge/ Length of shaft

L1 - L2

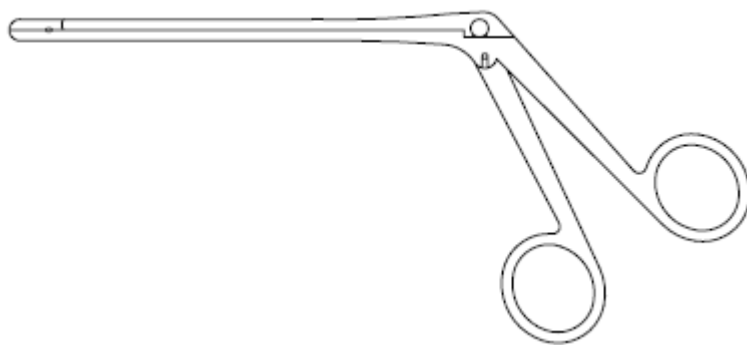
120 mm

5 X 9 mm

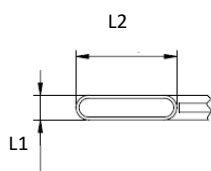
108.831.19



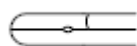
Takahasi



Maulgröße / eingesetzt
Size of jaw /discontinued

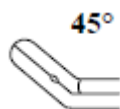


Gerade/Straight



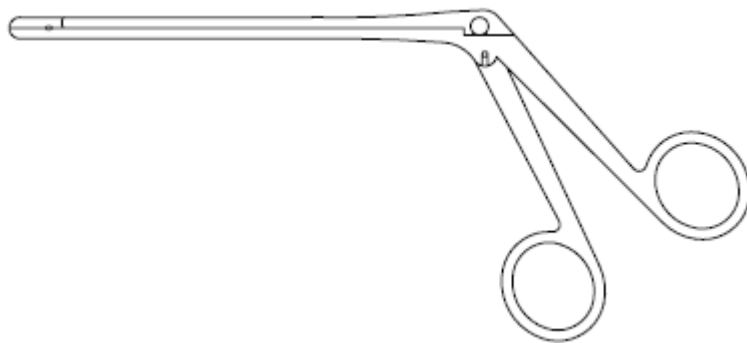
	L1	L2	Schaftlänge/ Lenght of shaft		
			120 mm	140 mm	180 mm
2,0 X 10 mm			140.175.01	140.175.11	140.175.21
2,5 X 10 mm			140.175.02	140.175.12	140.175.22
3,0 X 10 mm			140.175.03	140.175.13	140.175.23
3,5 X 10 mm			140.175.04	140.175.14	140.175.24
4,5 X 10 mm			140.175.05	140.175.15	140.175.25

Aufgebogen/Curved up

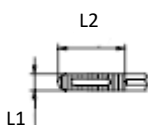


	L1	L2	Schaftlänge/ Lenght of shaft		
			120 mm	140 mm	180 mm
2,0 X 10 mm			140.175.06	140.175.16	140.175.26
2,5 X 10 mm			140.175.07	140.175.17	140.175.27
3,0 X 10 mm			140.175.08	140.175.18	140.175.28
3,5 X 10 mm			140.175.09	140.175.19	140.175.29
4,0 X 10 mm			140.175.10	140.175.20	140.175.30

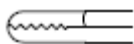
**Schlesinger
Walton**



Maulgröße / eingesetzt
Size of jaw / discontinued

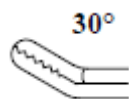


Gerade/Straight



		Schaftlänge/ Lenght of shaft		
L1	L2	130 mm	150 mm	180 mm
2,0 X 10 mm		140.459.23	140.459.32	140.459.41
3,0 X 10 mm		140.459.24	140.459.33	140.459.42
4,5 X 10 mm		140.459.25	140.459.34	140.459.43

Aufgebogen/Curved up



		Schaftlänge/ Lenght of shaft		
L1	L2	130 mm	150 mm	180 mm
2,0	X 10 mm	140.459.26	140.459.35	140.459.44
3,0	X 10 mm	140.459.27	140.459.36	140.459.45
4,0	X 10 mm	140.459.28	140.459.37	140.459.46

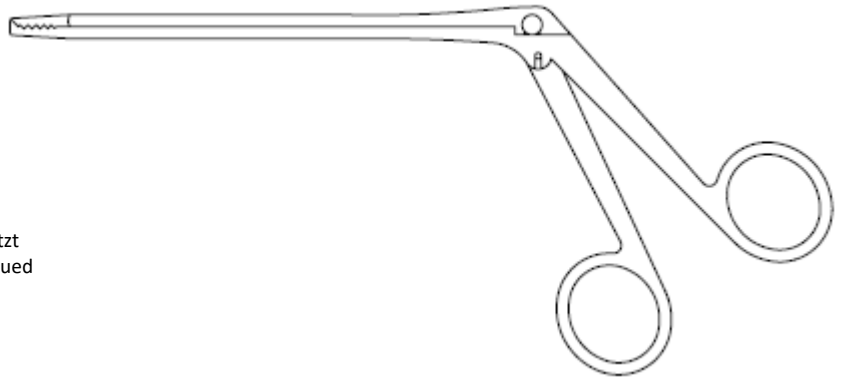
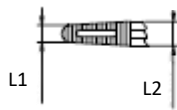
Abwärts gebogen/Curved
down



		Schaftlänge/ Lenght of shaft		
L1	L2	130 mm	150 mm	180 mm
2,0	X 10 mm	140.459.29	140.459.38	140.459.47
3,0	X 10 mm	140.459.30	140.459.39	140.459.48
4,0	X 10 mm	140.459.31	140.459.40	140.459.49

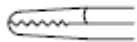
Noyes Hoen
1X2 Teeth

Maulgröße / eingesetzt
Size of jaw / discontinued



Gerade/Straight

Schaftlänge/ Length of shaft

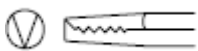


L1	L2	130 mm	150 mm	180 mm
2 / 3 mm		146.471.10	146.171.14	146.171.18

Gerade/straight

Schaftlänge/ Length of shaft

1X2 Teeth



L1	L2	130 mm	150 mm	180 mm
2 / 3 mm		146.473.10	146.173.14	146.173.18