

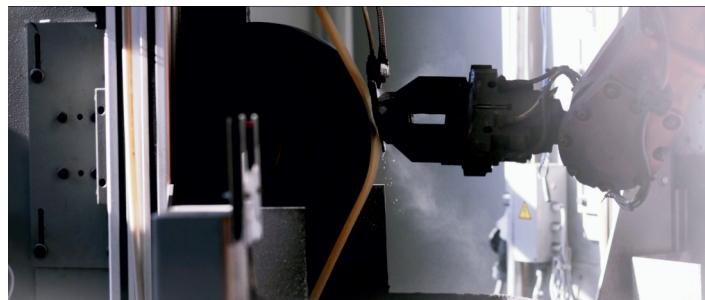
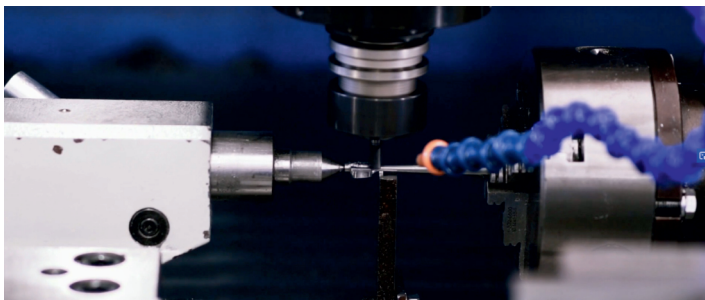
CHIRMED®

POLSKI PRODUCENT NARZĘDZI MEDYCZNYCH
POLISH MANUFACTURER OF SURGICAL
AND MEDICAL INSTRUMENTS



from IDEA to SOLUTION

KATALOG OGÓLNY • GENERAL CATALOGUE



PROFIL FIRMY

Fabryka Narzędzi Medycznych CHIRMED z siedzibą w Rudnikach jest polskim producentem wysokiej jakości narzędzi chirurgicznych, stomatologicznych oraz komponentów niemedycznych ze stali nierdzewnej i tytanu.

Firma powstała w 1946 roku, obecnie zatrudnia około 100 osób.

Główny zakres działalności firmy obejmuje produkcję, serwis i wdrażanie narzędzi medycznych.

Firma zajmuje się również produkcją metalowych wyrobów niemedycznych dla branży motoryzacyjnej, budowlanej, pszczelarstwa, medycyny niekonwencjonalnej. Oferujemy również usługi z zakresu obróbki metali.

Misja firmy to „From idea to solution”, co oznacza, że firma produkuje narzędzia od początku w swojej fabryce, korzystając z najlepszych dostępnych surowców oraz wiedzy i doświadczenia pracowników. Firma łączy nowoczesne technologie z tradycją w celu stworzenia najwyższej jakości narzędzi. Na uwagę zasługują również aktywny udział firmy w pracach badawczo-rozwojowych.

Rynki eksportowe obejmują głównie: Japonię, USA, Meksyk, Koreę, Niemcy, Włochy, Szwajcarię, Hiszpanię, Wielką Brytanię, Ukrainę, Iran, Tajlandię, Izrael oraz wiele innych.



JAKOŚĆ

Na wysoką jakość składają się:

- najwyższej jakości surowce od zaufanych wieloletnich dostawców i producentów, między innymi niemiecka stal nierdzewna
- 100% kontrola jakości końcowa i międzyoperacyjna
- połączenie wieloletniej tradycji i doświadczenia z nowoczesnymi technologiami produkcji
- współpraca ze specjalistami w zakresie opracowywania nowych technologii, narzędzi oraz ich oceny klinicznej
- certyfikowany System Zarządzania Jakością wg norm ISO 13485 oraz ISO 9001
- dbałość o zgodność z normami jakościowymi obowiązującymi w krajach eksportowych (między innymi, Certyfikat FMA w Japonii, rejestracja FDA w USA i wiele innych)
- przestrzeganie szczególnych wymagań Klienta

REGENERACJA NARZĘDZI

Firma oferuje również usługi regeneracji narzędzi chirurgicznych, włączając regenerację narzędzi innych firm. Regeneracja narzędzi jest objęta certyfikatem ISO 9001 oraz ISO 13485.

NARZĘDZIA TYTANOWE

Firma CHIRMED produkuje narzędzia tytanowe od 1970 roku.

ZALETY NARZĘDZI TYTANOWYCH:

- doskonała odporność na korozję, wytrzymałość i prawie nieograniczona żywotność sprawiają, że tytan jest opłacalnym materiałem.
- ze względu na doskonałą odporność na płyny ustrojowe tytan jest najbardziej biokompatybilny ze wszystkich metali. Instrumenty tytanowe mają doskonałą odporność na korozję szczelinową. Pod tym względem przewyższają instrumenty ze stali nierdzewnej
- niski ciężar właściwy, wytrzymałość, delikatny metaliczny wygląd
- Instrumenty tytanowe wytrzymują wielokrotną sterylizację bez wpływu na jakości krawędzi i powierzchni, odporność na korozję i wytrzymałość
- tytan może być anodyzowany w celu uzyskania różnych kolorów i nierefleksyjnej powierzchni, co ma znaczenie w operacjach mikrochirurgicznych np. operacjach oka
- tytan jest niemagnetyczny, dzięki czemu idealnie nadaje się do zastosowań, w których należy zminimalizować oddziaływania elektromagnetyczne





UNTERNEHMENSPROFIL

Der Betrieb von Medizinischen Instrumenten CHIRMED mit dem Sitz in Rudniki, ist ein polnischer Hersteller sowohl von chirurgischen und zahnärztlichen Qualitätsinstrumenten, als auch von nichtmedizinischen Produkten aus Edelstahl und Titan. Die Firma wurde 1946 gegründet, zu Zeit beschäftigt sie rund 100 Mitarbeiter.

Der Haupttätigkeitsbereich des Unternehmens umfasst die Herstellung, den Service und die Implementierung von medizinischen Instrumenten.

Das Unternehmen produziert auch nichtmedizinische Metallprodukte für die Automobil-, Bau-, Imkereij- und Alternativmedizinindustrie. Wir bieten auch Metallbearbeitungsdienstleistungen an.

Die Mission des Unternehmens lautet "Von der Idee zur Lösung". Dies bedeutet, dass das Unternehmen von Anfang Instrumente in seiner Fabrik unter Verwendung der besten verfügbaren Rohstoffe, des Wissens und der Erfahrung der Mitarbeiter herstellt. Das Unternehmen kombiniert moderne Technologien mit Tradition, um die Höchste Qualität zu schaffen. Bemerkenswert ist auch die aktive Beteiligung des Unternehmens an Forschungs- und Entwicklungsarbeiten.

Die Exportmärkte umfassen hauptsächlich: Japan, USA, Mexiko, Korea, Deutschland, Italien, Schweiz, Spanien, Großbritannien, Ukraine, Iran, Thailand und Israel und viele mehr.



QUALITÄT

Auf die hohe Qualität bestehen:

- **Hochwertige Rohstoffe** von namhaften langfristigen Lieferanten, unter anderem der deutsche Edelstahl
- **100%** End- und Interop- Qualitätskontrolle
- Kombination aus **langjähriger Tradition** und Erfahrung mit modernen Produktionstechnologien
- **Zusammenarbeit mit Spezialisten** in der Entwicklung neuer Instrumente und ihrer klinischen Bewertung
- Zertifiziertes Qualitätsmanagementsystem nach **ISO 13485** und **ISO 9001**
- Pflege für die Einhaltung der **Qualitätsstandards** der Export-Länder (unter anderem das **FMA Zertifikat in Japan**, die **FDA-Zulassung** in den USA und vielen anderen)
- Die Einhaltung der **spezifischen Anforderungen des Kunden**

REGENERATION

Die Firma bietet auch Dienstleistungen von Reparatur der Instrumenten, einschließlich die Reparaturen von Instrumenten der anderen Hersteller. Die Reparatur von Instrumenten wird durch Zertifikate ISO 9001 und ISO 13485 abgedeckt.



TITANINSTRUMENTEN

CHIRMED stellt seit 1970 Titanwerkzeuge her.

VORTEILE VON TITANINSTRUMENTEN:

- **hervorragende Korrosionsbeständigkeit**, Festigkeit und nahezu unbegrenzte Lebensdauer machen Titan zu einem rentablen Material.
 - Titan ist aufgrund seiner hervorragenden Beständigkeit gegen Körperflüssigkeiten das biokompatibelste aller Metalle.
 - Titaninstrumente weisen eine hervorragende **Beständigkeit gegen Spaltkorrosion** auf. In dieser Hinsicht überlegen sie die Instrumente aus Edelstahl
 - **geringes spezifisches Gewicht, Festigkeit**, empfindliches metallisches Aussehen
 - Titaninstrumente halten einer **Mehrfachsterilisation** stand, ohne die Kanten- und Oberflächenqualität, die Korrosionsbeständigkeit und die Haltbarkeit zu beeinträchtigen
 - **Titan kann anodisiert werden**, um verschiedene Farben und eine nicht reflektierende Oberfläche zu erzeugen, was z.B. in Augen Chirurgie wichtig ist
 - Titan ist **nicht magnetisch** und eignet sich daher ideal für Anwendungen, bei denen elektromagnetische Wechselwirkungen minimiert werden müssen
- Durch Anodisieren kann man ungefähr die Farben wie in der Palette am Ende des Katalogs erreichen.





COMPANY PROFILE

Manufacturer of Surgical Instruments CHIRMED located in Rudniki, is a Polish manufacturer of high quality surgical and dental instruments and non-medical components of stainless steel and titanium. **The company was established in 1946 and has around 100 employees.**

The main scope of the company's activity includes the production, service and implementation of medical instruments. The company also **produces metal non-medical products for the automotive, construction, beekeeping and alternative medicine industries.**

We also offer metalworking services.

The company's mission is "From idea to solution", which means that the company produces instruments from the very beginning in its factory, using the best available raw materials as well as the knowledge and experience of employees. The company **combines modern technologies with tradition** to create the highest quality tools. Also the **active participation** of the company in **research and development is noticeable.**

The export markets mainly include: **Japan, USA, Mexico, Korea, Germany, Italy, Switzerland, Spain, Great Britain, Ukraine, Iran, Thailand, Israel** and many more countries



QUALITY

The high quality includes:

- **the highest quality raw materials** from trusted long-term suppliers and manufacturers, including German stainless steel
- **100%** final and inter-operational quality control
- combination of many years of tradition and experience with modern production technologies
- **cooperation with specialists** in the development of new technologies, instruments and their clinical evaluation
- certified Quality Management System according to standards **ISO 13485 and ISO 9001**
- ensuring compliance with the quality standards in force in exporting countries (including **FMA Certificate in Japan, FDA registration in the USA** and many others)
- compliance with specific customer requirements

REGENERATION OF INSTRUMENTS

The company also offers surgical instrument regeneration services, including regeneration of third-party instruments. Regeneration of instruments is ISO 9001 and ISO 13485 certified.



TITANIUM INSTRUMENTS

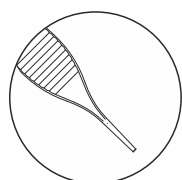
The company CHIRMED has been manufacturing titanium instruments since 1970.

ADVANTAGES OF TITANIUM INSTRUMENTS:

- **excellent resistance to corrosion**, durability, almost unlimited life span make titanium cost-effective material
- titanium is the **most biocompatible** of all metals due to its resistance to attack by body fluids
- titanium instruments have **excellent resistance** to crevice corrosion and generally outperforms instruments made of stainless steel
- **light weight and strength** and soft metallic appearance
- titanium instruments **withstand repeated sterilization** without compromise to edge or surface quality, corrosion resistance or strength
- titanium **may be anodized** to produce **various colors** to provide a non-reflecting surface, essential in microsurgical surgeries, for example in eye surgery
- titanium is virtually **non-magnetic**, which makes it ideal for applications where electro-magnetic interference must be minimized

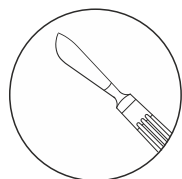
By using titanium anodizing, the colors presented on the color palette at the end of the catalogue can be obtained approximately.





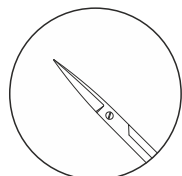
Pincety
Dissecting and Tissue Forceps
Pinzetten
Пинцеты

5 - 40



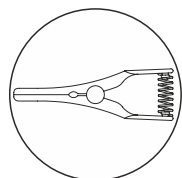
Skalpele, noże, trzonki do skalpeli, Amputacja
Scalpels, Knives, Scalpel handles, Amputation
Skalpelle, Messer, Skalpellgriffe, Amputation
Скальпели, Ножи, Ручки для скальпеля, Ампутация

41 - 44



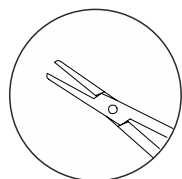
Nożyczki chirurgiczne i mikrochirurgiczne
Surgical and Micro Scissors
Chirurgische und Mikro Scheren
Ножницы Хирургические и микроскопические

45 - 48



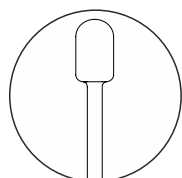
Zaciski naczyniowe Bulldog
Bulldog clamps
Bulldogklemmen
Бульдог Зажимы

49 - 52



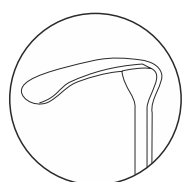
Igłotrzymacze mikrochirurgiczne
Micro needle holders
Mikro Nadelhalter
Микрохирургические иглодержатели

53 - 60



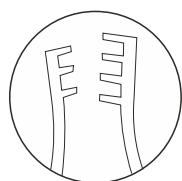
Sondy naczyniowe i kaniule
Vessel dilators and cannulas
Gefäßdilatoren und Kanülen
Расширители сосудов и канюли

61 - 62



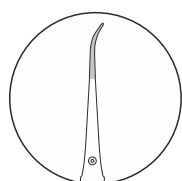
Haki
Retractors
Wundhaken
Ретракторы

63 - 70



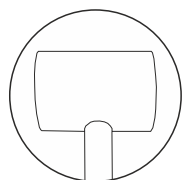
Rozwieracze do ran, haki brzuszne
Self-Retaining Retractors, Abdominal Retractors
Wundspreizer, Bauchdeckenhalter
Самоудерживающийся Ретракторы, Ретракторы Брюшной

71 - 76



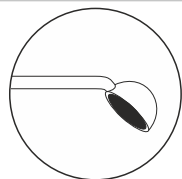
Kardio i torakochirurgia
Cardiovascular and Thoracic Surgery
Herz-, Thorax- und Gefäß-Chirurgie
Сердечно-сосудистая и торакальная хирургия

77 - 82



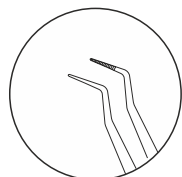
Ortopedia
Orthopedics
Orthopädie
Ортопедия

83 - 100



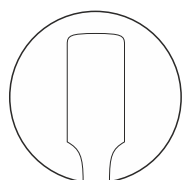
Laryngologia
Laryngology
Laryngologie
Ларингология

101 - 106



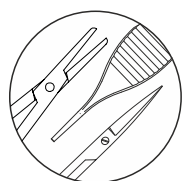
Stomatologia
Stomatology
Stomatologie
Стоматология

107 - 122



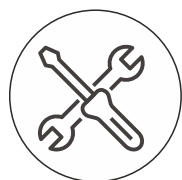
Narzędzia diagnostyczne i laboratoryjne
Diagnostic and Laboratory Instruments
Diagnostic und Labor - Instrumente
Инструменты для диагностики и лабораторий

123 - 126



Zestawy narzędzi
Instruments kits
Instrumentensets
Наборы инструментов

127 - 130



Pozostałe produkty i usługi
Other products and services
Andere Produkte und Dienstleistungen
Другие продукты и услуги

131 - 132

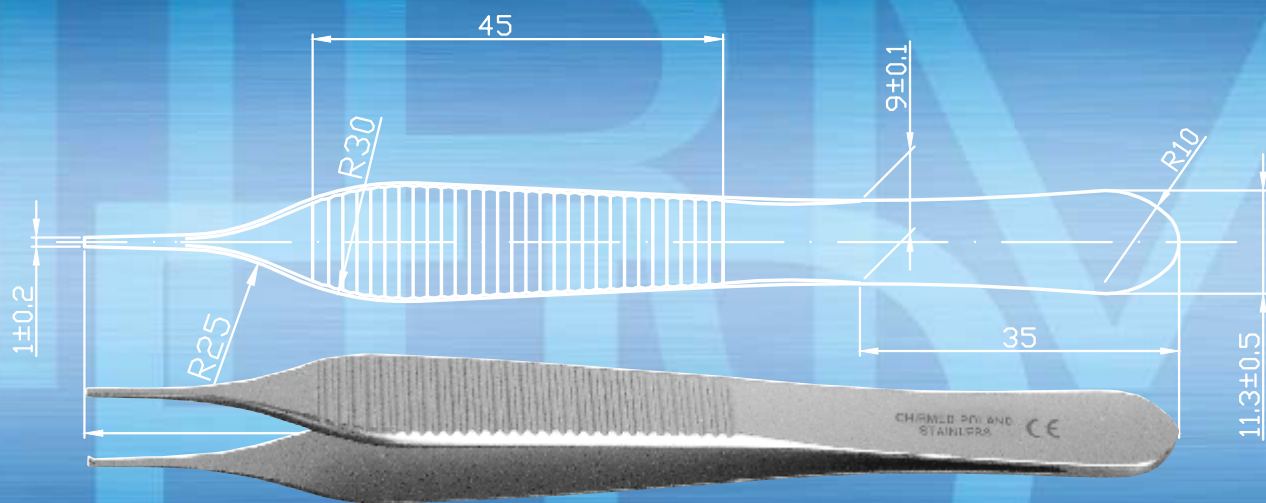


Spis alfabetyczny i numeryczny
Alphabetical and Numerical Index
Alphabetischer und numerischer Index
Алфавитный и числовой индекс

133 - 144

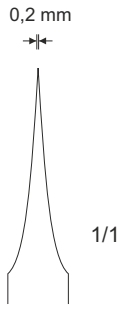
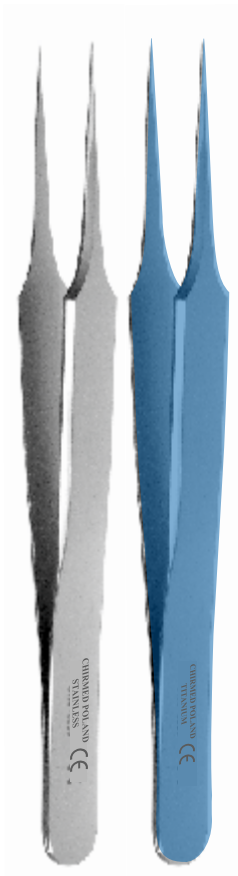
CHIRMED[®]

Pincety
Dissectings - and Tissue Forceps
Pinzetten
Пинцеты

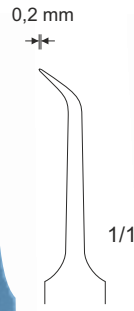


from IDEA to SOLUTION

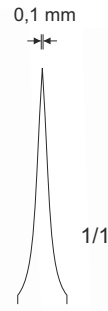




MK 10 MK 10/T
 110 mm (4 3/8")
TITANIUM



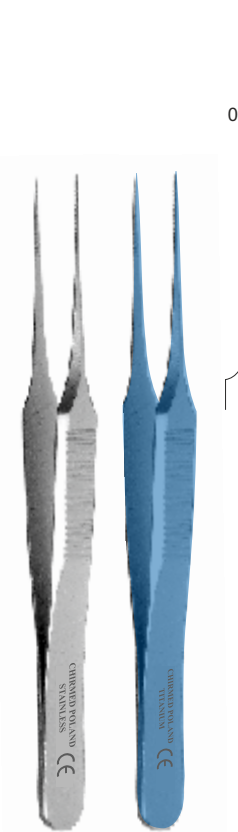
MK 11 MK 11/T
 110 mm (4 3/8")
TITANIUM



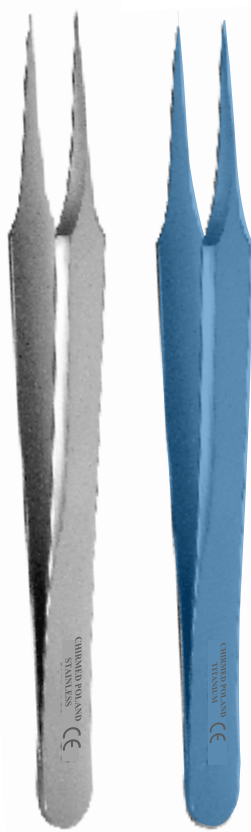
MK 12 MK 12/T
 110 mm (4 3/8")
TITANIUM



MK 13 MK 13/T
 110 mm (4 3/8")
TITANIUM



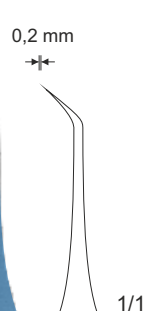
MK 14 MK 14/T
 90 mm (3 1/2")
TITANIUM



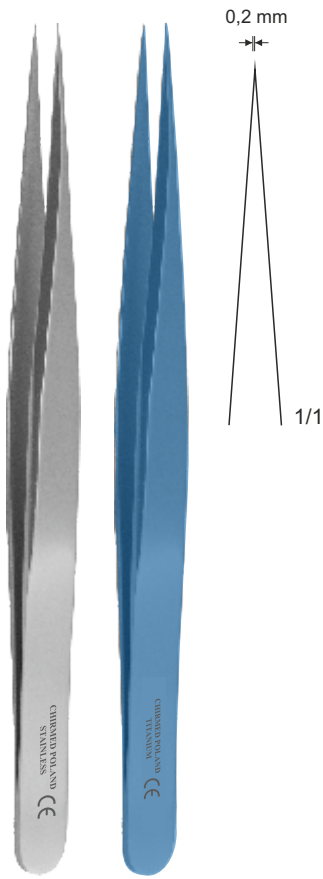
MK 15 MK 15/T
 115 mm (4 1/2")
TITANIUM



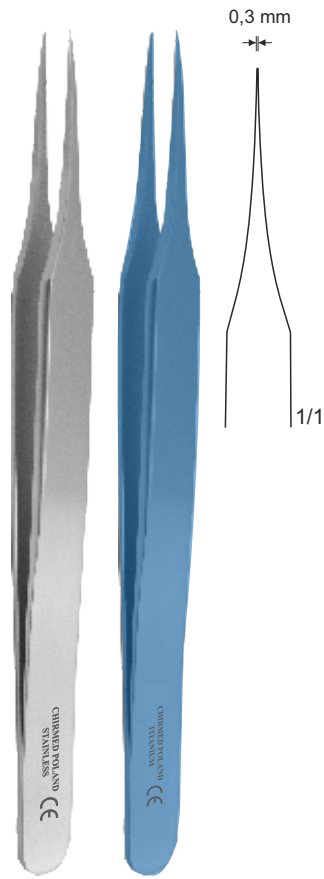
MK 47 MK 47/T
 100 mm (4") 70°
TITANIUM



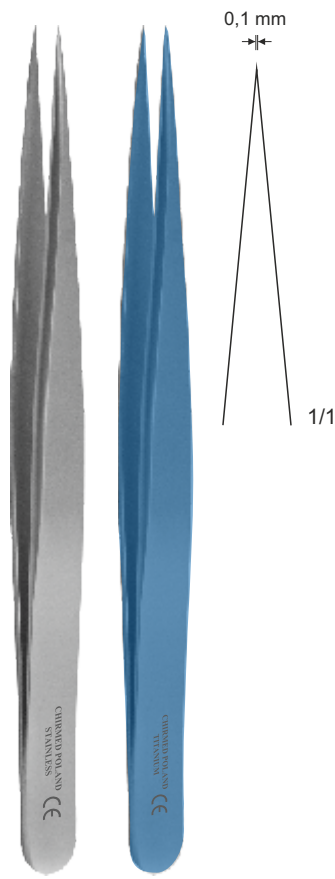
MK 48 MK 48/T
 105 mm (4 1/8") 30°
TITANIUM



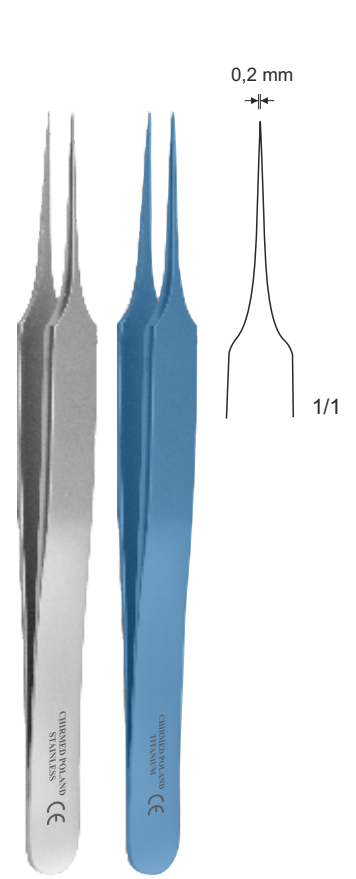
MK 01 MK 01/T
 120 mm (4 3/4")
TITANIUM



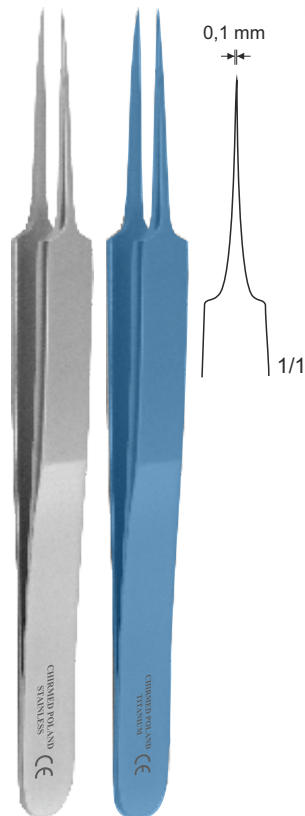
MK 02 MK 02/T
 120 mm (4 3/4")
TITANIUM



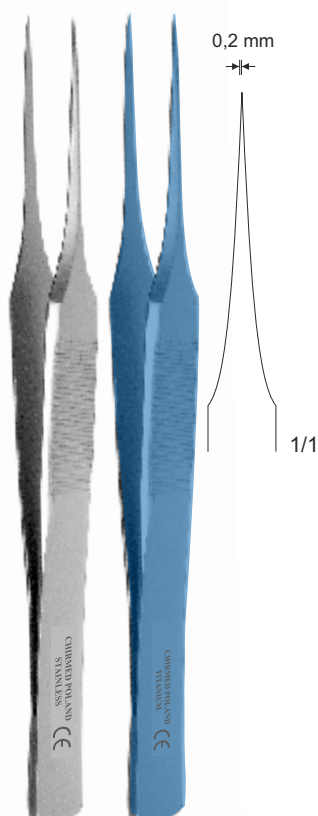
MK 03 MK 03/T
 120 mm (4 3/4")
TITANIUM



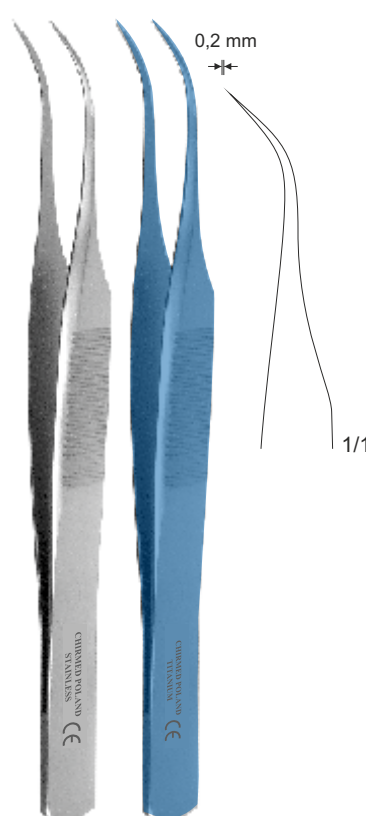
MK 04 MK 04/T
 110 mm (4 3/8")
TITANIUM



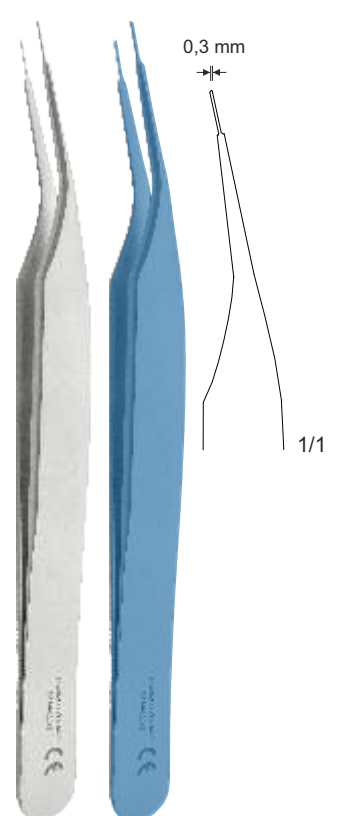
MK 05 MK 05/T
 110 mm (4 3/8")
TITANIUM



MK 45 MK 45/T
 110 mm (4 3/8")
TITANIUM



MK 46 MK 46/T
 110 mm (4 3/8")
TITANIUM



MK 381 MK 381/T
 120 mm (4 3/4")
TITANIUM

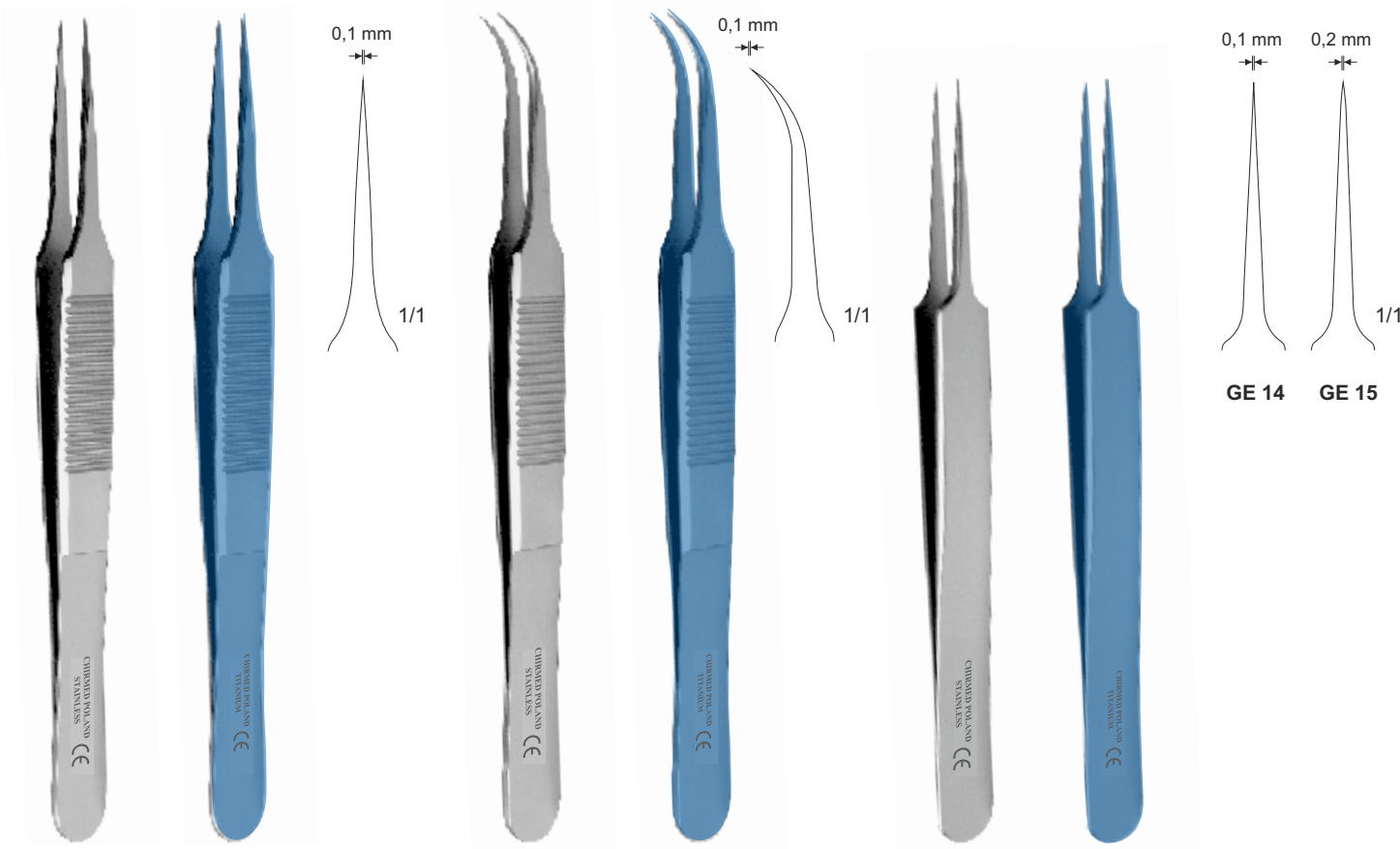


GE 10 GE 10/T
 110 mm (4 3/8")
TITANIUM

GE 11 GE 11/T
 110 mm (4 3/8")
TITANIUM

GE 30
 48 mm

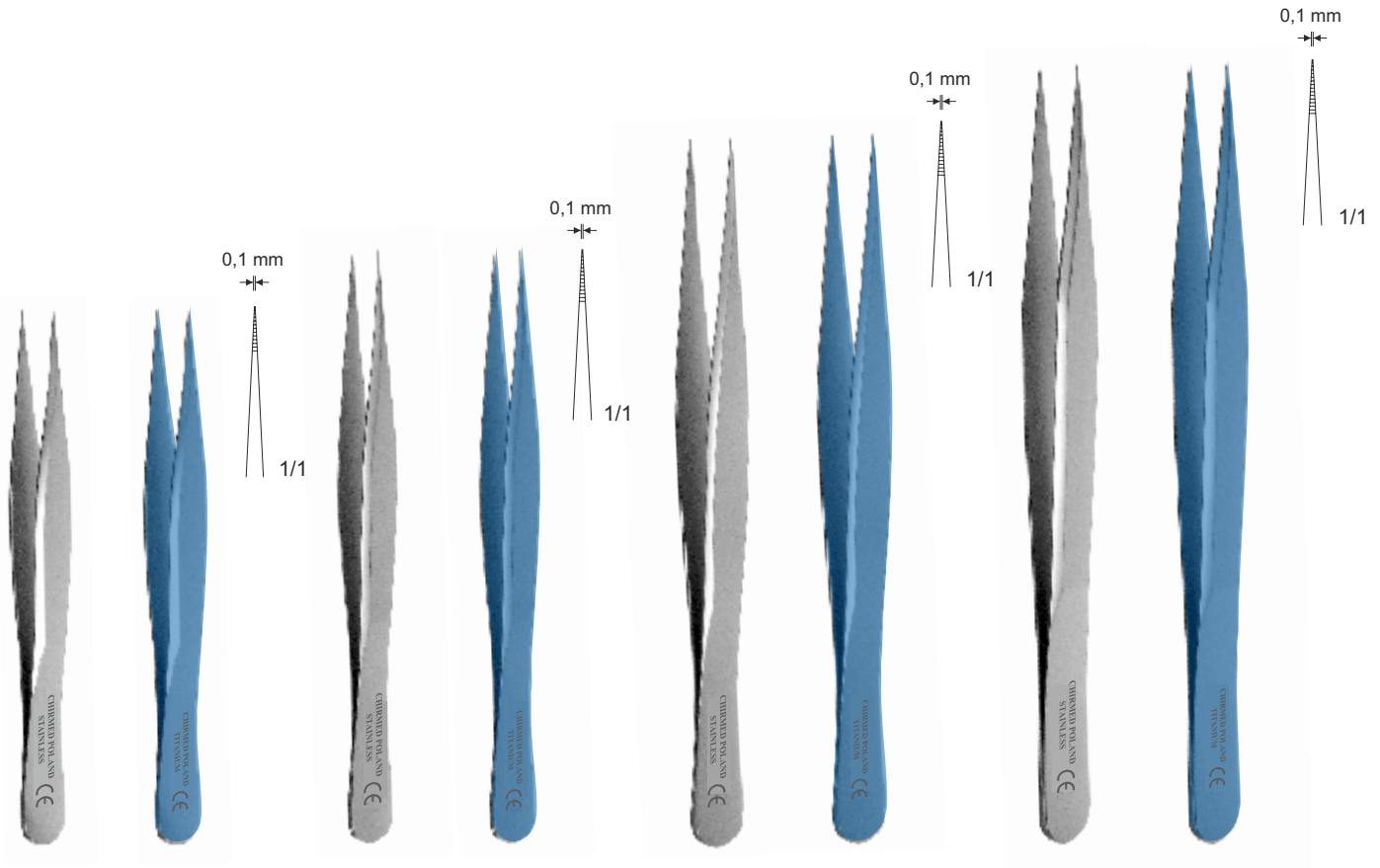
MK 336 MK 336/T
 120 mm (4 3/4")
TITANIUM



GE 12 GE 12/T
 130 mm (5 1/8")
TITANIUM

GE 13 GE 13/T
 130 mm (5 1/8")
TITANIUM

GE 14 - GE 15 GE 14/T - GE 15/T
 110 mm (4 3/8")
TITANIUM

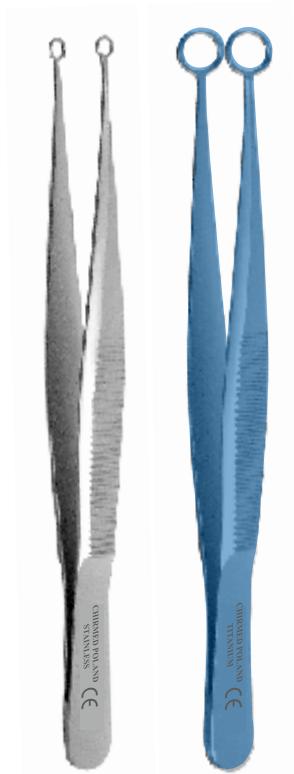


MK 22 **MK 22/T**
 100 mm (4")
TITANIUM

MK 23 **MK 23/T**
 110 mm (4 3/8")
TITANIUM

MK 24 **MK 24/T**
 130 mm (5 1/8")
TITANIUM

MK 25 **MK 25/T**
 140 mm (5 1/2")
TITANIUM

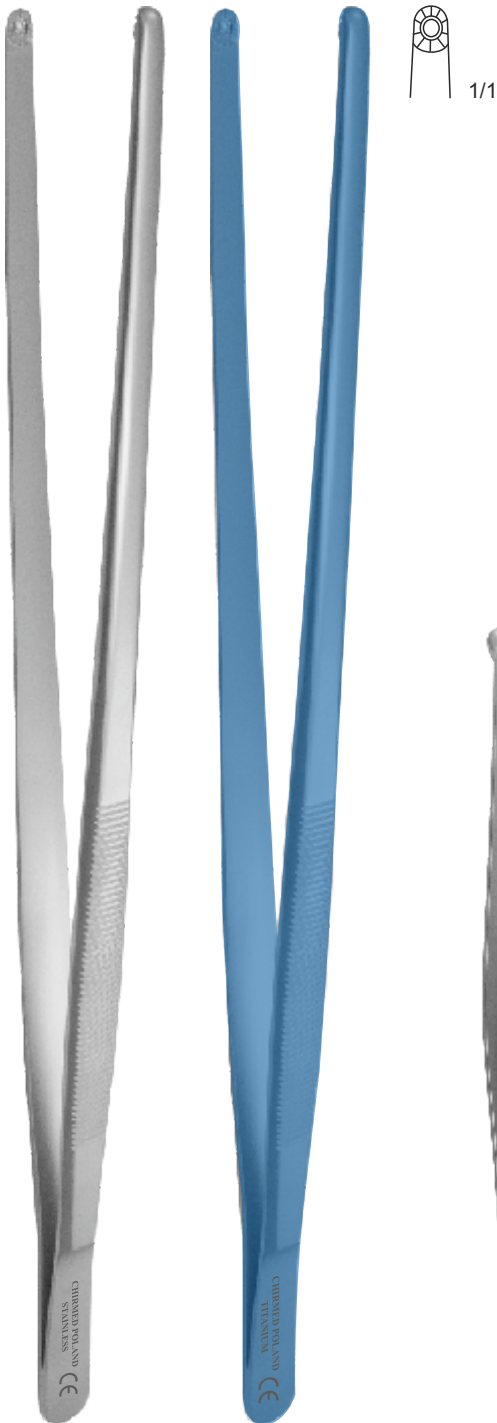


MK 18 **MK 19/T**
 100 mm (4")
TITANIUM

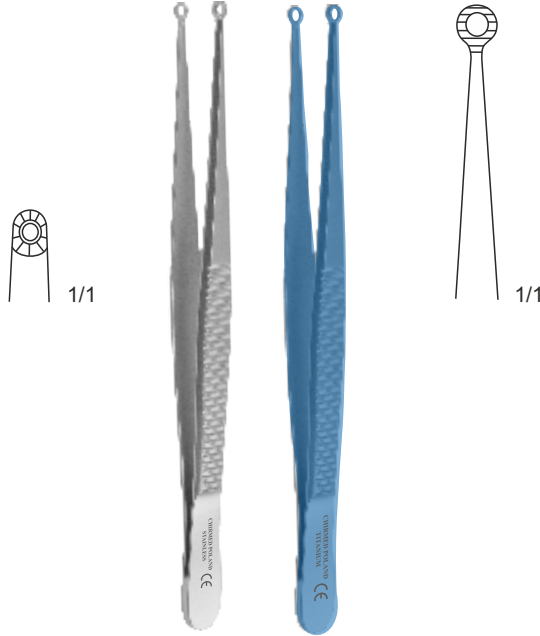
	Ø 3 mm	Ø 3 mm	Ø 6 mm	Ø 6x8 mm	Ø 8x10 mm	Ø 9 mm
Czubki Tips Spitzen кончик						
	1/1	1/1	1/1	1/1	1/1	1/1
STAINLESS STEEL	MK 18	MK 18/S	MK 19	MK 20	MK 21	MK 38
TITANIUM	MK 18/T	MK 18/S/T	MK 19/T	MK 20/T	MK 21/T	MK 38/T

średnica wewnętrzna 3 mm
inside diameter 3 mm
innerer Durchmesser 3mm
внутренний диаметр 3 мм

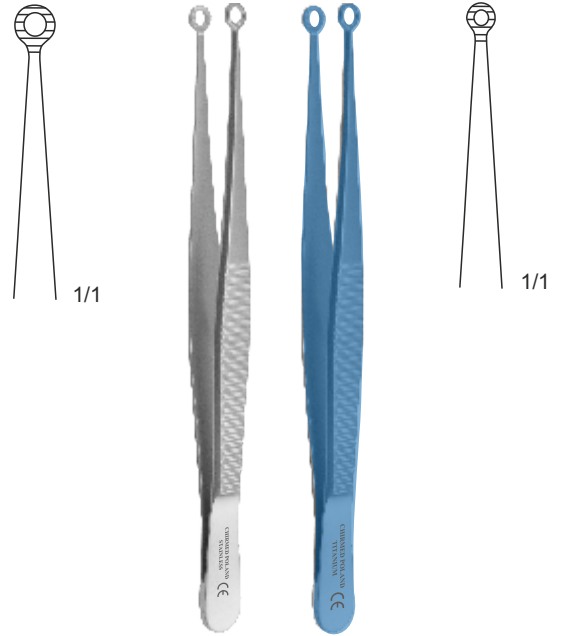
średnica wewnętrzna 2 mm
inside diameter 2 mm
innerer Durchmesser 2mm
внутренний диаметр 2 мм



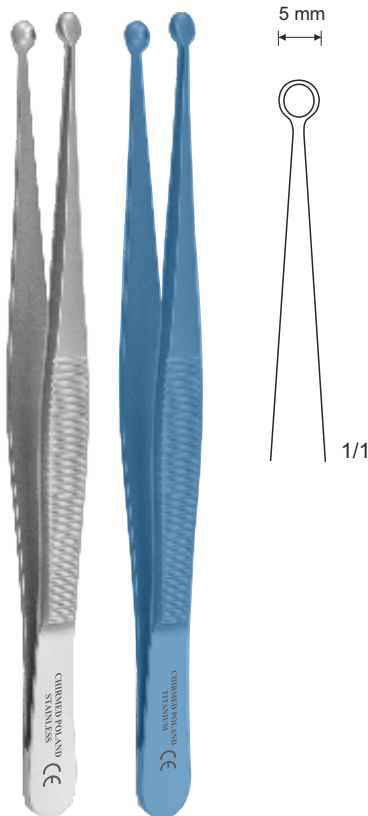
CO 311 RUSSIAN **CO 311/T**
300 mm (12")
TITANIUM



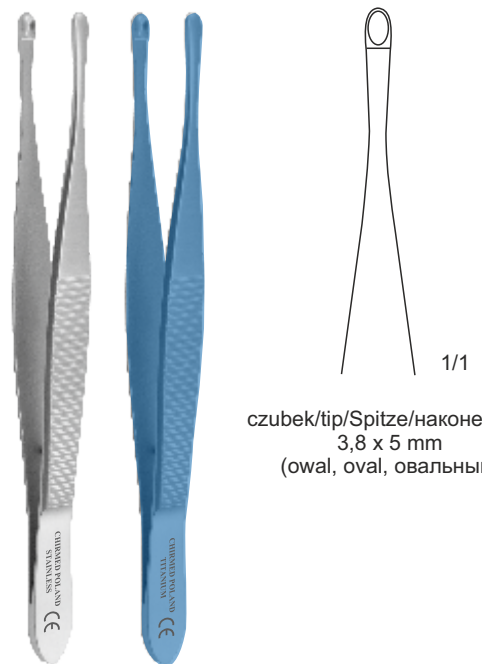
CO 174 **CO 174/T**
130 mm (5 1/8")
TITANIUM



CO 175 **CO 175/T**
130 mm (5 1/8")
TITANIUM

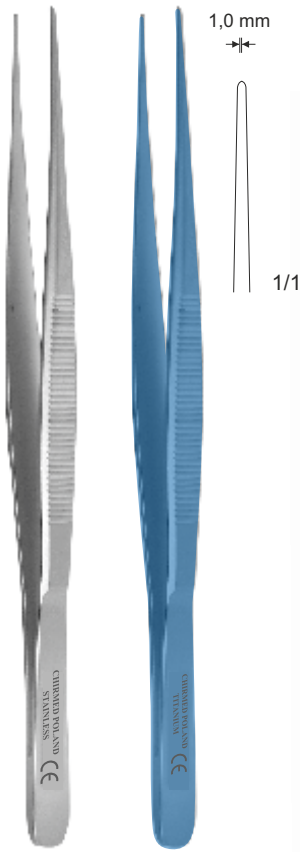


CO 173 **CO 173/T**
150 mm (6")
TITANIUM

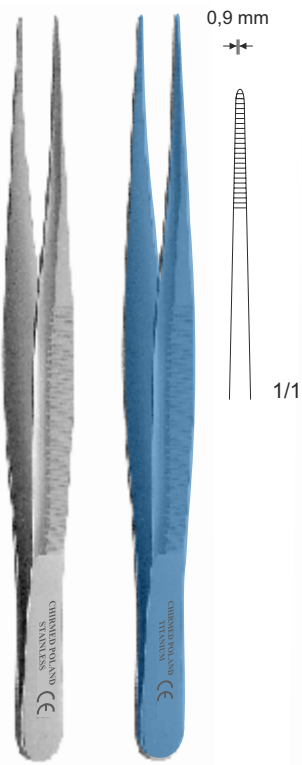


CO 176 **CO 176/T**
135 mm (5 1/4")
TITANIUM

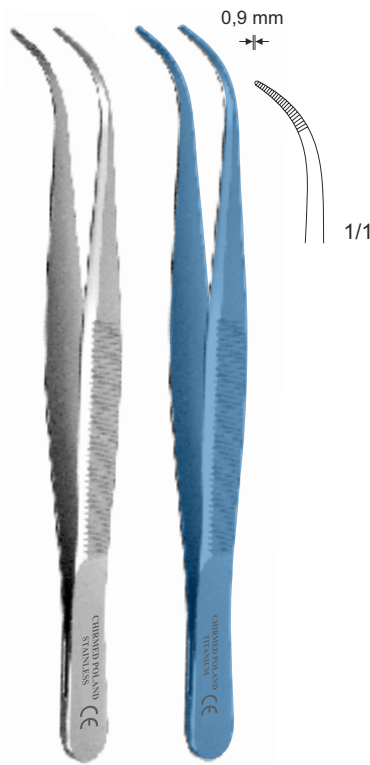
czubek/tip/Spitze/наконечник:
3,8 x 5 mm
(oval, oval, овальный)



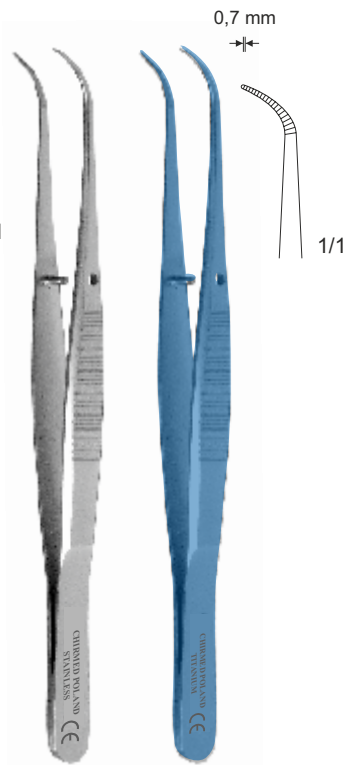
MK 54 MK 54/T
 130 mm (5 1/8")
TITANIUM



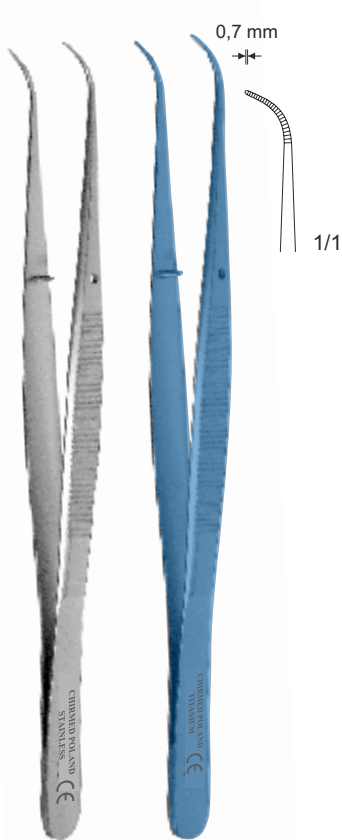
MK 16 MK 16/T
 110 mm (4 3/8")
TITANIUM



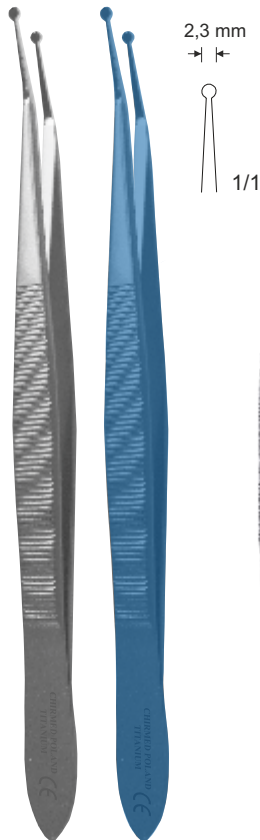
MK 17 MK 17/T
 110 mm (4 3/8")
TITANIUM



OK 36 OK 36/T
 100 mm (4")
TITANIUM



OK 37 OK 37/T
 130 mm (5 1/8")
TITANIUM



OK 55 OK 55/T
 150 mm (6")
TITANIUM



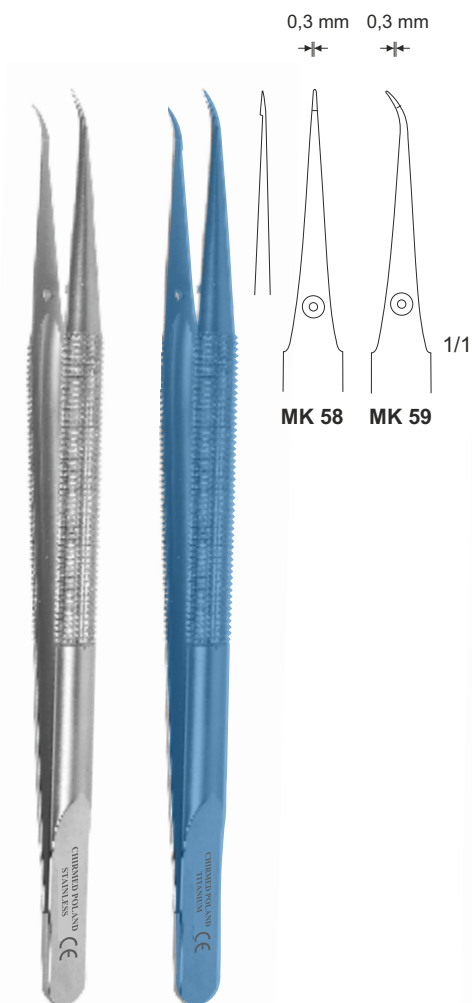
MK 405 MK 405/T
 85 mm (3 1/3")
TITANIUM



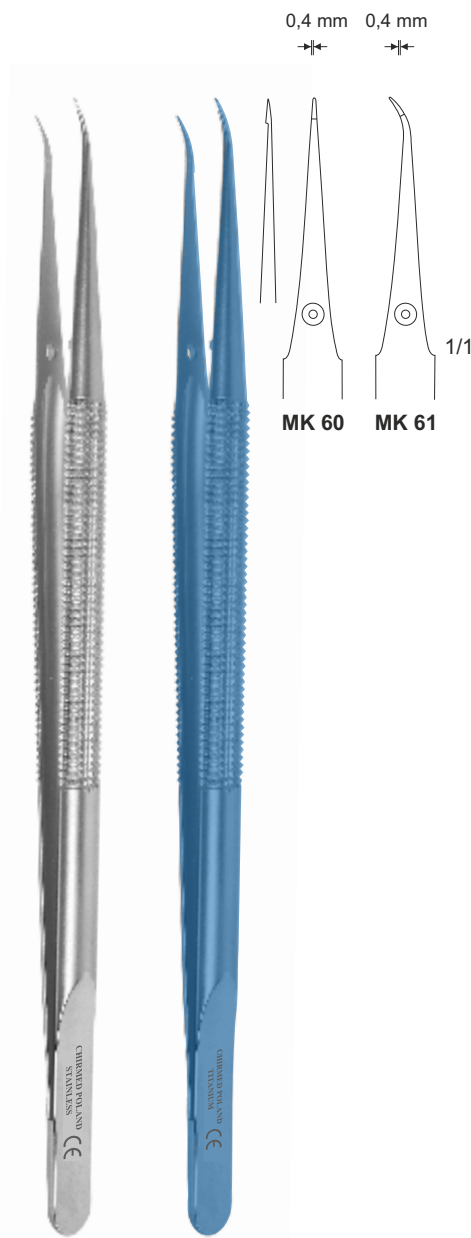
MK 393 MK 393/T
 100 mm (4")
TITANIUM



MK 394 MK 394/T
 100 mm (4")
TITANIUM



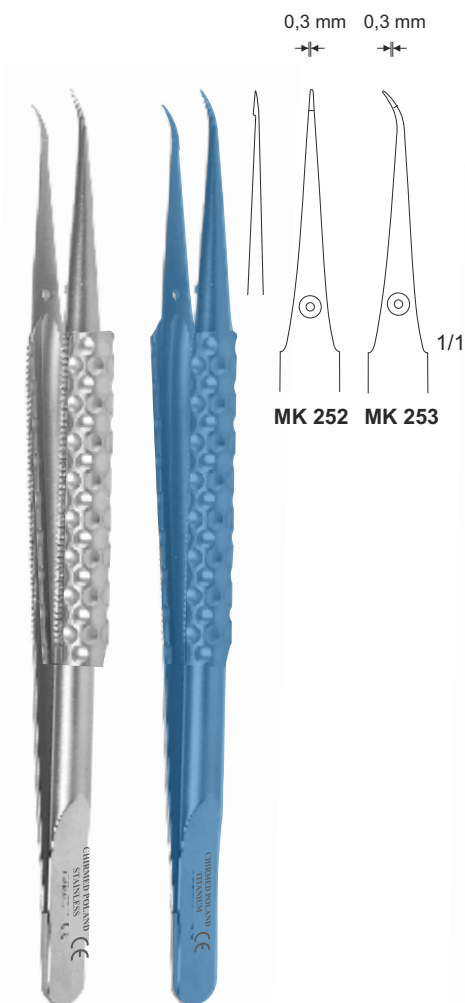
MK 58, MK 59 MK 58/T, MK 59/T
 120 mm (4 7/8")
TITANIUM



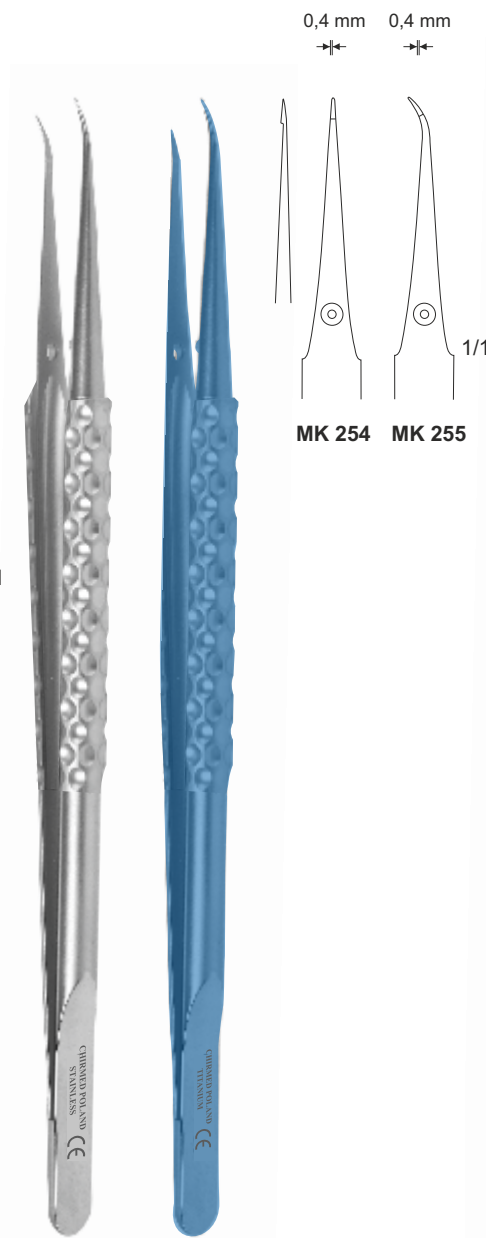
MK 60, MK 61 MK 60/T, MK 61/T
 150 mm (6")
TITANIUM



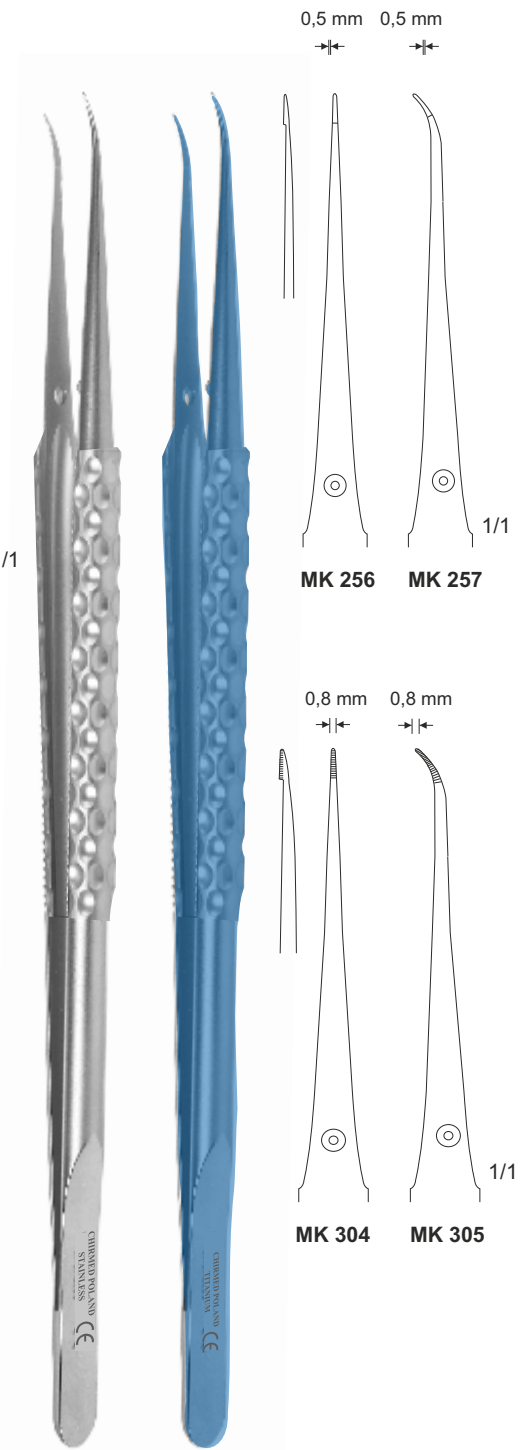
MK 62, MK 63 MK 62/T, MK 63/T
 180 mm (7 1/8")
TITANIUM



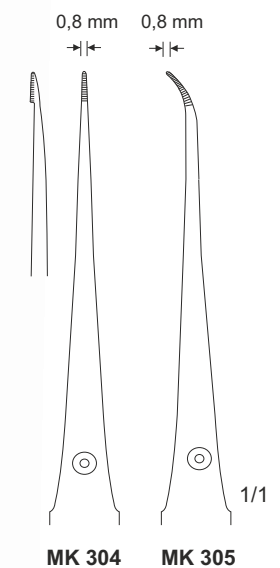
MK 252, MK 253 MK 252/T, MK 253/T
 120 mm (4 7/8")
TITANIUM



MK 254, MK 255 MK 254/T, MK 255/T
 150 mm (6")
TITANIUM



MK 256, MK 257, MK 256/T, MK 257/T,
MK 304, MK 305 MK 304/T, MK 305/T
 180 mm (7 1/8")
TITANIUM





**NASYP DIAMENTOWY
 DIAMOND COATED
 DIAMANTBESCHICHTUNG
 АЛМАЗНОЕ ПОКРЫТИЕ**



MK 111

MK 111/T
TITANIUM

Czubki
 Tips
 Spitzen
 Кончик

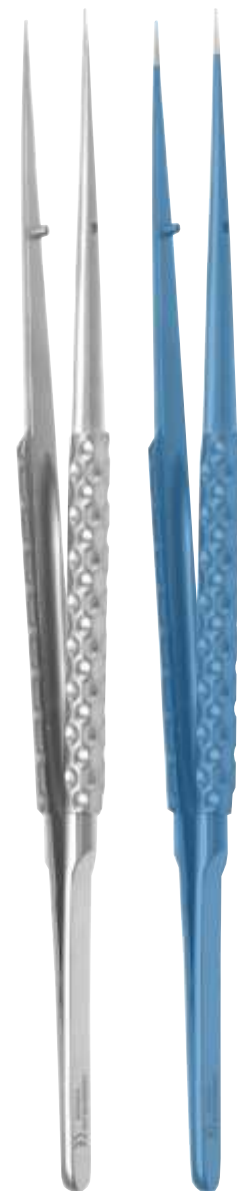
Długość
 Length (in)
 Länge
 Длина

	0,5 mm ↔	0,8 mm ↔	0,5 mm ↔	0,8 mm ↔
				1/1
150 mm (6")	MK 111	MK 344	MK 114	MK 351
150 mm (6") TITANIUM	MK 111/T	MK 344/T	MK 114/T	MK 351/T
180 mm (7 1/8")	MK 62/A	MK 345	MK 348	MK 352
180 mm (7 1/8") TITANIUM	MK 62/A/T	MK 345/T	MK 348/T	MK 352/T
210 mm (8 1/4")	MK 341	MK 347	MK 116	MK 354
210 mm (8 1/4") TITANIUM	MK 341/T	MK 347/T	MK 116/T	MK 354/T
230 mm (9")	MK 342	MK 112	MK 349	MK 117
230 mm (9") TITANIUM	MK 342/T	MK 112/T	MK 349/T	MK 117/T
255 mm (10 1/4")	MK 343	MK 113	MK 350	MK 118
255 mm (10 1/4") TITANIUM	MK 343/T	MK 113/T	MK 350/T	MK 118/T

Czubki
 Tips
 Spitzen
 Кончик

Długość
 Length (in)
 Länge
 Длина





	0,5 mm ↔	0,8 mm ↔	0,5 mm ↔	0,8 mm ↔
				1/1
150 mm (6")	MK 285	MK 359	MK 263	MK 364
150 mm (6") TITANIUM	MK 285/T	MK 359/T	MK 263/T	MK 364/T
180 mm (7 1/8")	MK 355	MK 360	MK 264	MK 365
180 mm (7 1/8") TITANIUM	MK 355/T	MK 360/T	MK 264/T	MK 365/T
210 mm (8 1/4")	MK 356	MK 361	MK 265	MK 366
210 mm (8 1/4") TITANIUM	MK 356/T	MK 361/T	MK 265/T	MK 366/T
230 mm (9")	MK 357	MK 261	MK 362	MK 266
230 mm (9") TITANIUM	MK 357/T	MK 261/T	MK 362/T	MK 266/T
255 mm (10 1/4")	MK 358	MK 262	MK 363	MK 267
255 mm (10 1/4") TITANIUM	MK 358/T	MK 262/T	MK 363/T	MK 267/T



MK 258

MK 258/T
TITANIUM



Czubki Tips Spitzen Кончик		
	1,2 mm → ←	1,2 mm → ←
Długość Length (in) Länge Длина		 3/1
	150 mm (6")	MK 333 MK 333/A
	150 mm (6") TITANIUM	MK 333/T MK 333/A/T
	185 mm (7 1/4")	MK 73 MK 73/A
	185 mm (7 1/4") TITANIUM	MK 73/T MK 73/A/T
	210 mm (8 1/4")	MK 74 MK 74/A
	210 mm (8 1/4") TITANIUM	MK 74/T MK 74/A/T
	230 mm (9")	MK 75 MK 75/A
	230 mm (9") TITANIUM	MK 75/T MK 75/A/T
	255 mm (10 1/4")	MK 76 MK 76/A
	255 mm (10 1/4") TITANIUM	MK 76/T MK 76/A/T

z przeciwwagą
 with balance
 mit balance
 с балансом







MK 72

MK 72/T
TITANIUM



MK 75

MK 75/T
TITANIUM

Czubki Tips Spitzen Кончик		
	1,1 mm → ←	1,1 mm → ←
Długość Length (in) Länge Длина		 3/1
	150 mm (6")	MK 70 MK 70/A
	150 mm (6") TITANIUM	MK 70/T MK 70/A/T
	185 mm (7 1/4")	MK 71 MK 71/A
	185 mm (7 1/4") TITANIUM	MK 71/T MK 71/A/T
	210 mm (8 1/4")	MK 72 MK 72/A
	210 mm (8 1/4") TITANIUM	MK 72/T MK 72/A/T



NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

Czubki Tips Spitzen Кончик	 1,0 mm → ←
Długość Length (in) Länge Длина	

250 mm (10 4/5") **MK 376**

250 mm (10 4/5") **MK 376/T**
TITANIUM

Czubki Tips Spitzen Кончик	 1,1 mm → ←	 1,1 mm → ←
Długość Length (in) Länge Длина		 3/1
150 mm (6")	MK 248	MK 248/A
150 mm (6")	MK 248/T	MK 248/A/T
185 mm (7 1/4")	MK 119	MK 119/A
185 mm (7 1/4")	MK 119/T	MK 119/A/T
210 mm (8 1/4")	MK 120	MK 120/A
210 mm (8 1/4")	MK 120/T	MK 120/A/T

Czubki Tips Spitzen Кончик	 2,0 mm → ←
Długość Length (in) Länge Длина	

185 mm (7 1/4") **MK 375**

185 mm (7 1/4") **MK 375/T**
TITANIUM

Czubki Tips Spitzen Кончик	 1,2 mm → ←	 1,2 mm → ←
Długość Length (in) Länge Длина		 3/1
185 mm (7 1/4")	MK 271	MK 271/A
185 mm (7 1/4")	MK 271/T	MK 271/A/T
210 mm (8 1/4")	MK 272	MK 272/A
210 mm (8 1/4")	MK 272/T	MK 272/A/T
230 mm (9")	MK 273	MK 273/A
230 mm (9")	MK 273/T	MK 273/A/T
255 mm (10 1/4")	MK 274	MK 274/A
255 mm (10 1/4")	MK 274/T	MK 274/A/T

z przeciwwagą
 with balance
 mit balance
 с балансом

MK 120 MK 120/T
 210 mm (8 1/4")
TITANIUM

MK 273 MK 273/T
 230 mm (9")
TITANIUM

NASYP DIAMENTOWY
 DIAMOND COATED
 DIAMANTBESCHICHTUNG
 АЛМАЗНОЕ ПОКРЫТИЕ



Czubki
 Tips
 Spitzen
 Кончик



1,0 mm



Długość
 Length (in)
 Länge
 Длина



1/1

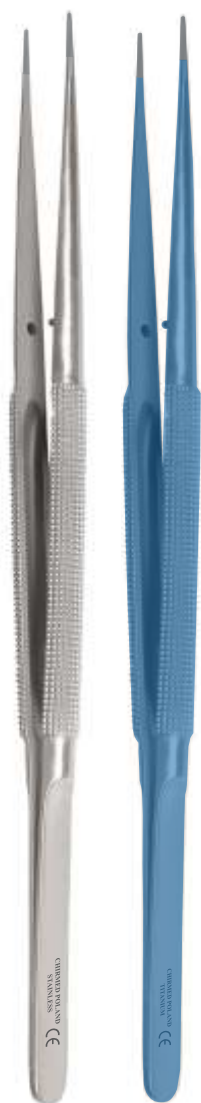
210 mm (8 1/4")

MK 401

210 mm (8 1/4")

MK 401/T

TITANIUM



Czubki
 Tips
 Spitzen
 Кончик



1,0 mm



Długość
 Length (in)
 Länge
 Длина



0,5 mm



1/1

185 mm (7 1/4")

MK 367

MK 103

185 mm (7 1/4")

MK 367/T

MK 103/T

TITANIUM

210 mm (8 1/4")

MK 66

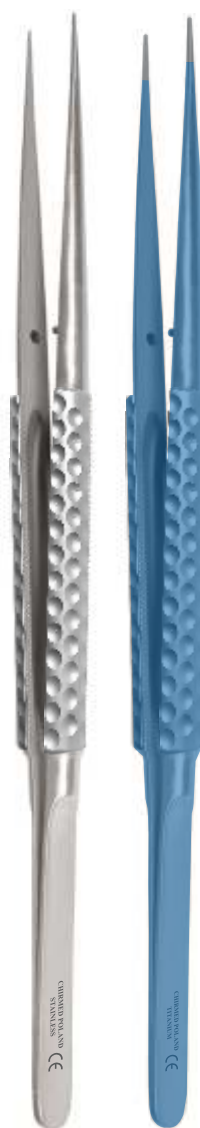
MK 104

210 mm (8 1/4")

MK 66/T

MK 104/T

TITANIUM



Czubki
 Tips
 Spitzen
 Кончик



1,0 mm



Długość
 Length (in)
 Länge
 Длина



0,5 mm

185 mm (7 1/4")

MK 368

MK 126

185 mm (7 1/4")

MK 368/T

MK 126/T

TITANIUM

210 mm (8 1/4")

MK 125

MK 127

210 mm (8 1/4")

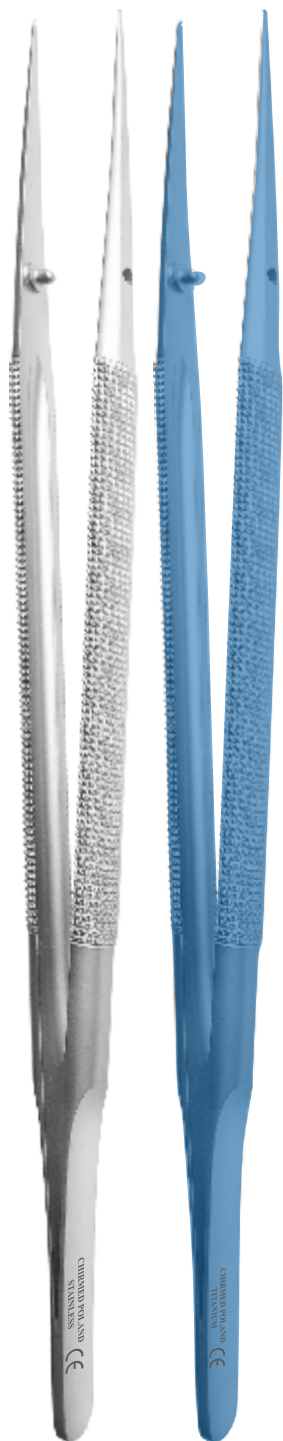
MK 125/T

MK 127/T

TITANIUM

MK 103 **MK 103/T**
 185 mm (7 1/4")
TITANIUM

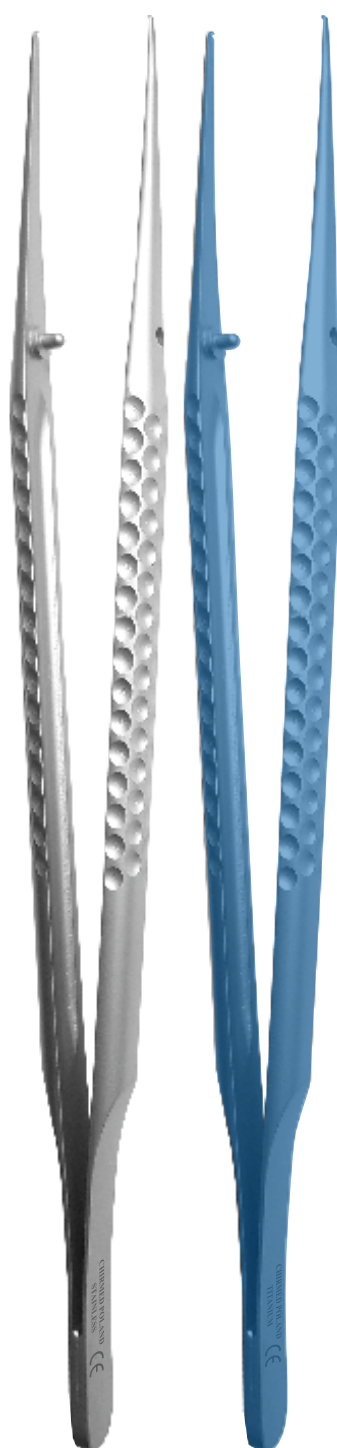
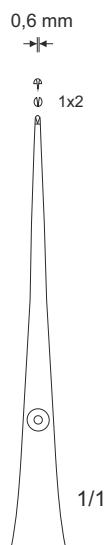
MK 126 **MK 126/T**
 185 mm (7 1/4")
TITANIUM



Czubki
 Tips
 Spitzen
 Кончик

Długość
 Length (in)
 Länge
 Длина

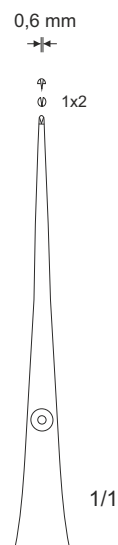
180 mm (7 1/8")	MK 275
180 mm (7 1/8") TITANIUM	MK 275/T
200 mm (8")	MK 64
200 mm (8") TITANIUM	MK 64/T



Czubki
 Tips
 Spitzen
 Кончик

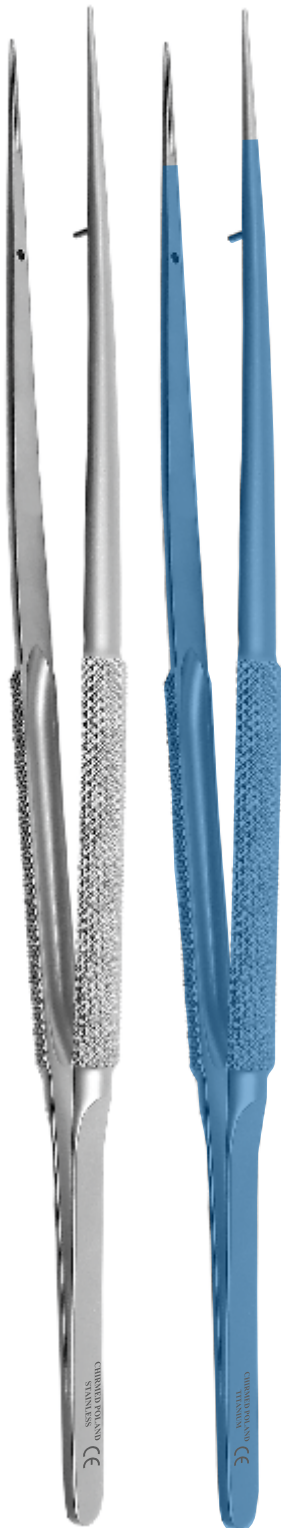
Długość
 Length (in)
 Länge
 Длина

180 mm (7 1/8")	MK 276
180 mm (7 1/8") TITANIUM	MK 276/T
200 mm (8")	MK 277
200 mm (8") TITANIUM	MK 277/T



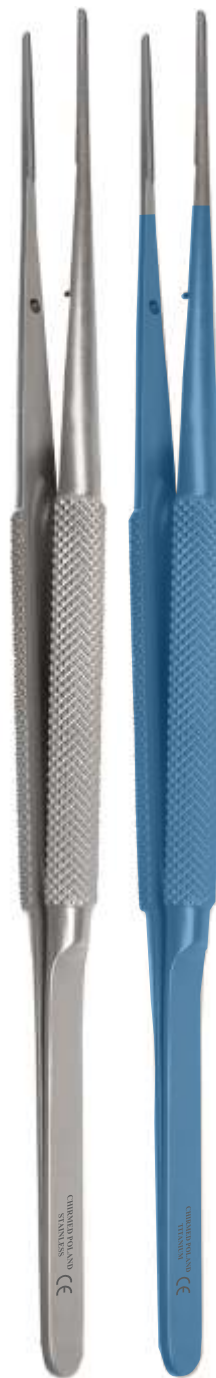
MK 64 **MK 64/T**
 200 mm (8")
TITANIUM

MK 277 **MK 277/T**
 200 mm (8")
TITANIUM



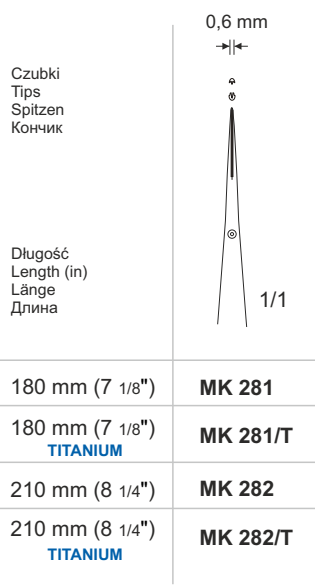
DE BAKEY
MK 110 **MK 110/T**
 210 mm (8 1/4")
TITANIUM

Czubki Tips Spitzen Кончик	0,6 mm → ← ⊙ 1/1
Długość Length (in) Länge Длина	
180 mm (7 1/8")	MK 99
180 mm (7 1/8") TITANIUM	MK 99/T
210 mm (8 1/4")	MK 110
210 mm (8 1/4") TITANIUM	MK 110/T

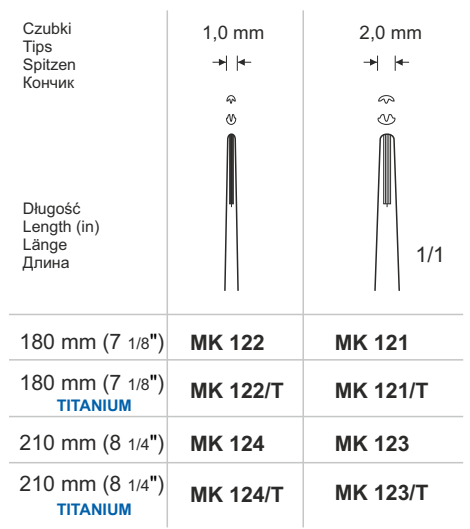
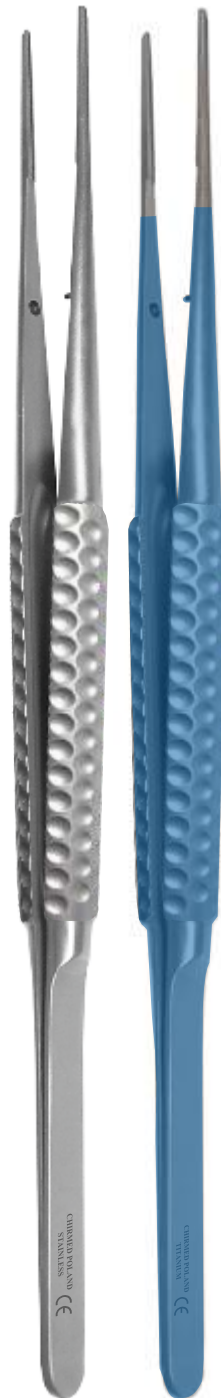


DE BAKEY
MK 101 **MK 101/T**
 180 mm (7 1/8")
TITANIUM

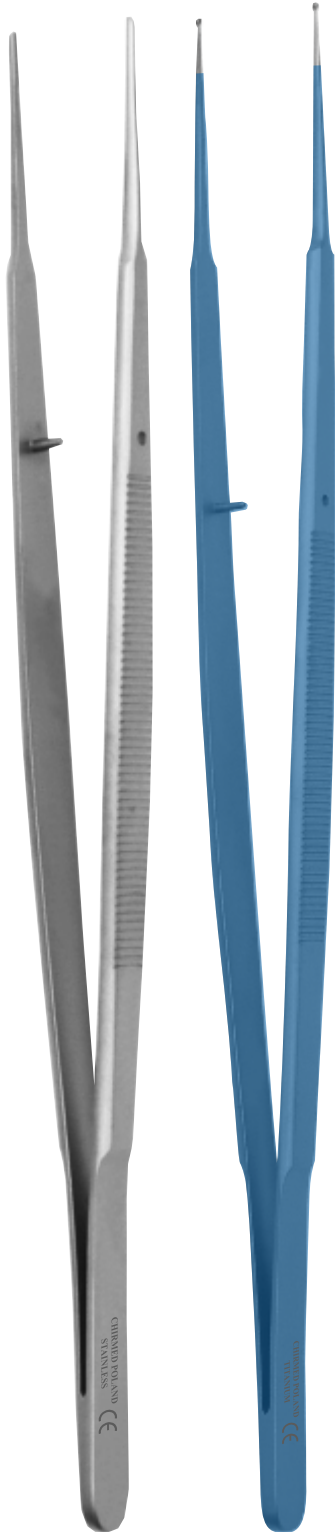
Czubki Tips Spitzen Кончик	1,0 mm → ← ⊙ 1/1	2,0 mm → ← ⊙ 1/1
Długość Length (in) Länge Длина		
180 mm (7 1/8")	MK 101	MK 100
180 mm (7 1/8") TITANIUM	MK 101/T	MK 100/T
210 mm (8 1/4")	MK 102	MK 102/2
210 mm (8 1/4") TITANIUM	MK 102/T	MK 102/2/T








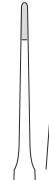


DE BAKEY
MK 282 **MK 282/T**
 210 mm (8 1/4")
TITANIUM

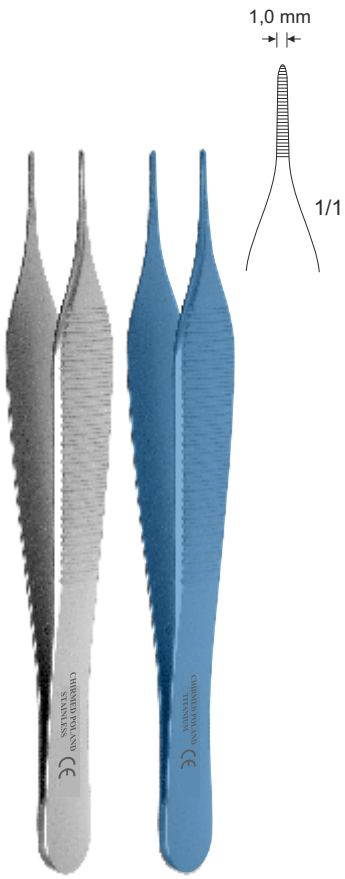


DE BAKEY
MK 122 **MK 122/T**
 180 mm (7 1/8")
TITANIUM

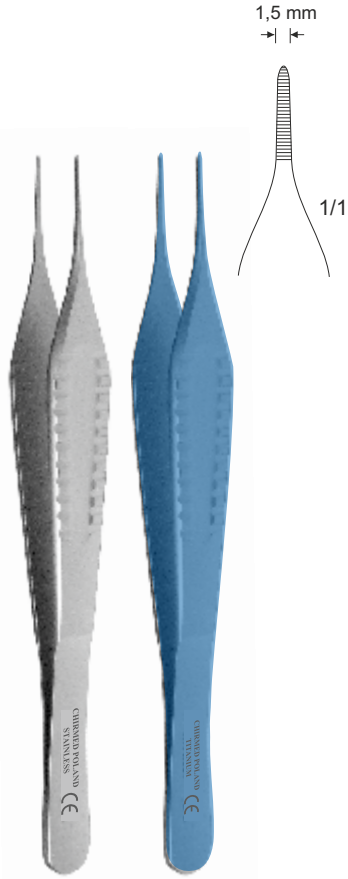


GERALD
 CO 233 CO 234/T
 210 mm (8 1/4")
TITANIUM

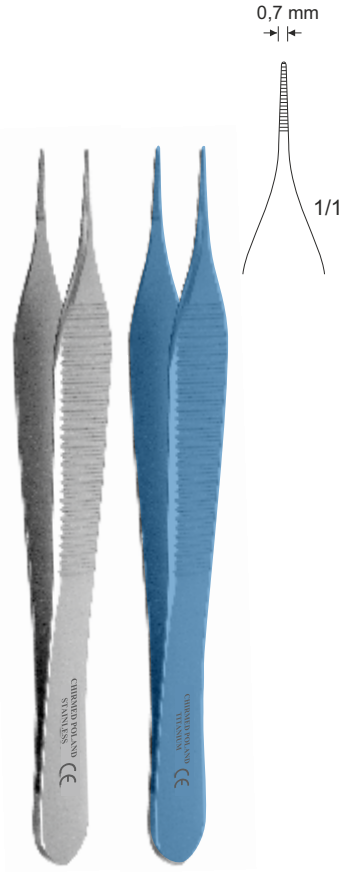
Czubki Tips Spitzen Кончик	 1,2 mm → ←	 1,0 mm → ←	 1,0 mm → ←	1,0 mm → ← ⊙ ⊙	1,0 mm → ← ⊙ ⊙ 1/1
Długość Length (in) Länge Длина					
175 mm (7")	CO 234	CO 230		CO 232	
175 mm (7") TITANIUM	CO 234/T	CO 230/T		CO 232/T	
210 mm (8 1/4")	CO 235		CO 231		CO 233
210 mm (8 1/4") TITANIUM	CO 235/T		CO 231/T		CO 233/T



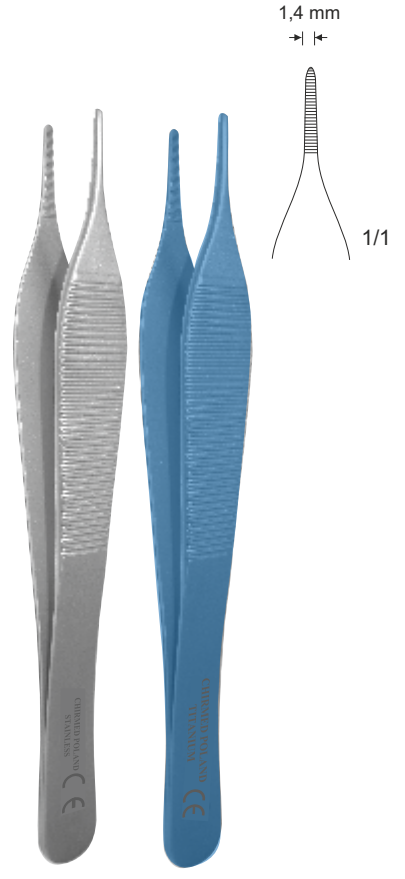
ADSON
MK 26 MK 26/T
 120 mm (4 3/4")
TITANIUM



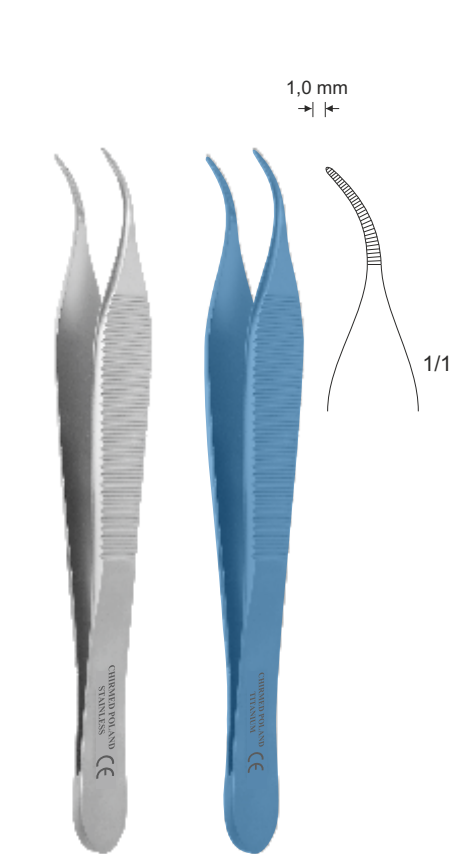
ADSON
MK 33 MK 33/T
 120 mm (4 3/4")
TITANIUM



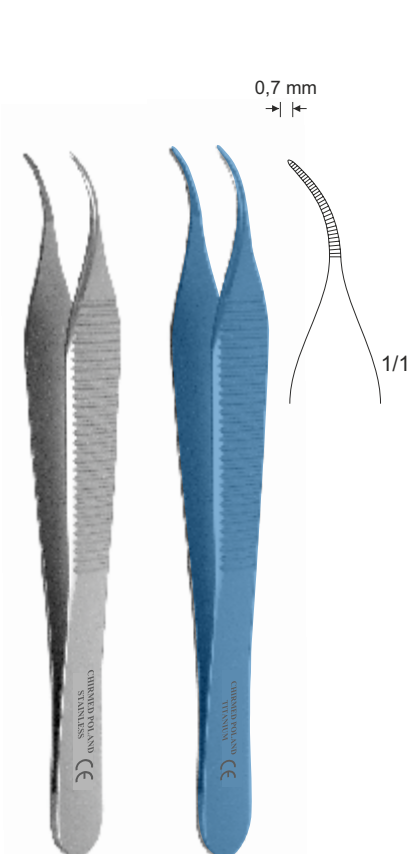
MIKRO-ADSON
MK 28 MK 28/T
 120 mm (4 3/4")
TITANIUM



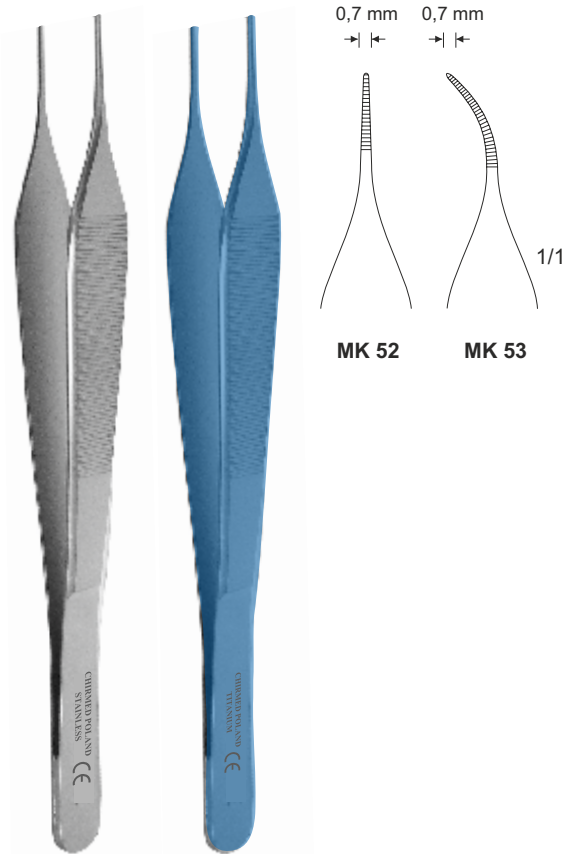
ADSON
MK 332 MK 332/T
 130 mm (5 1/8")
TITANIUM



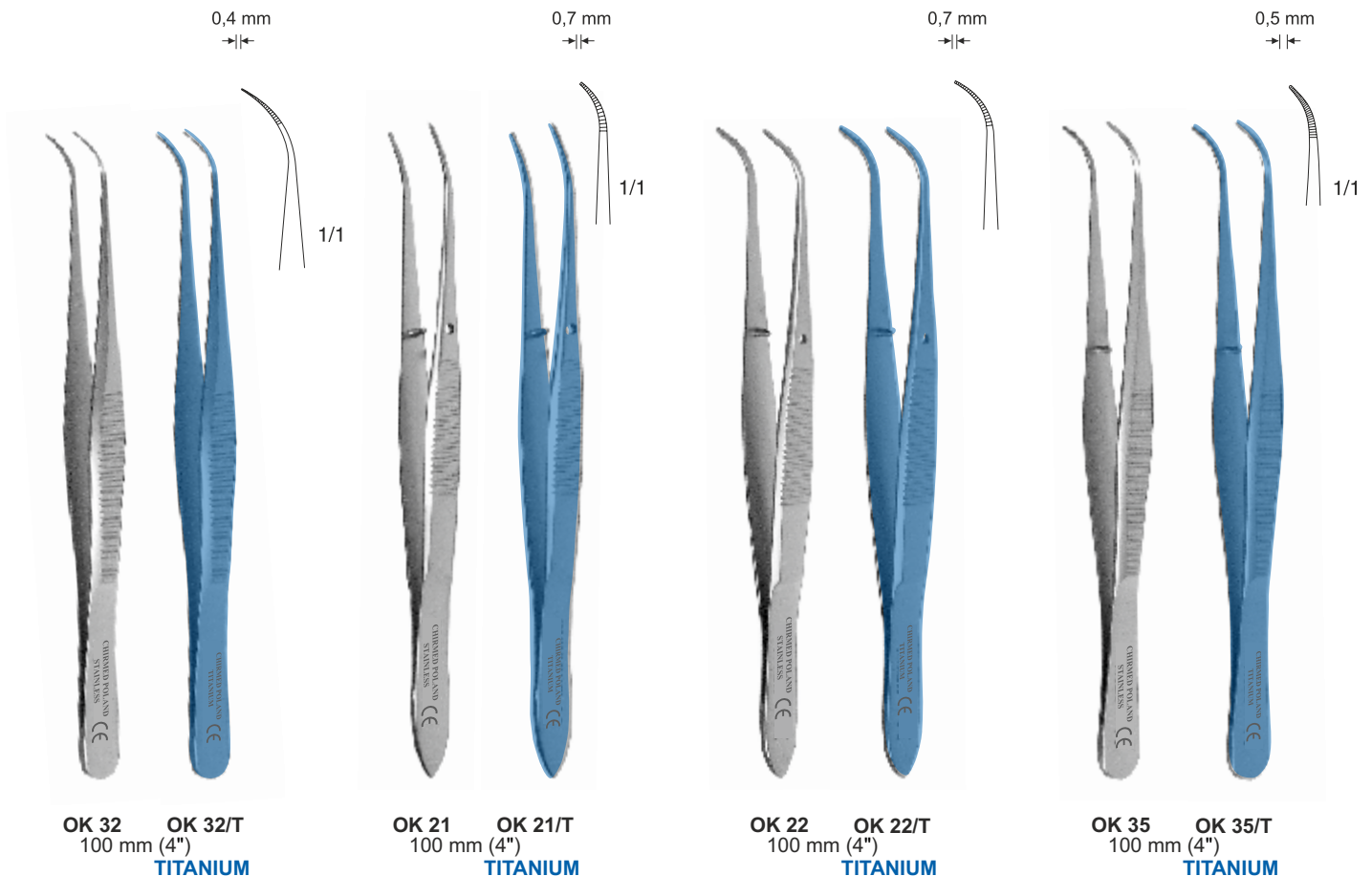
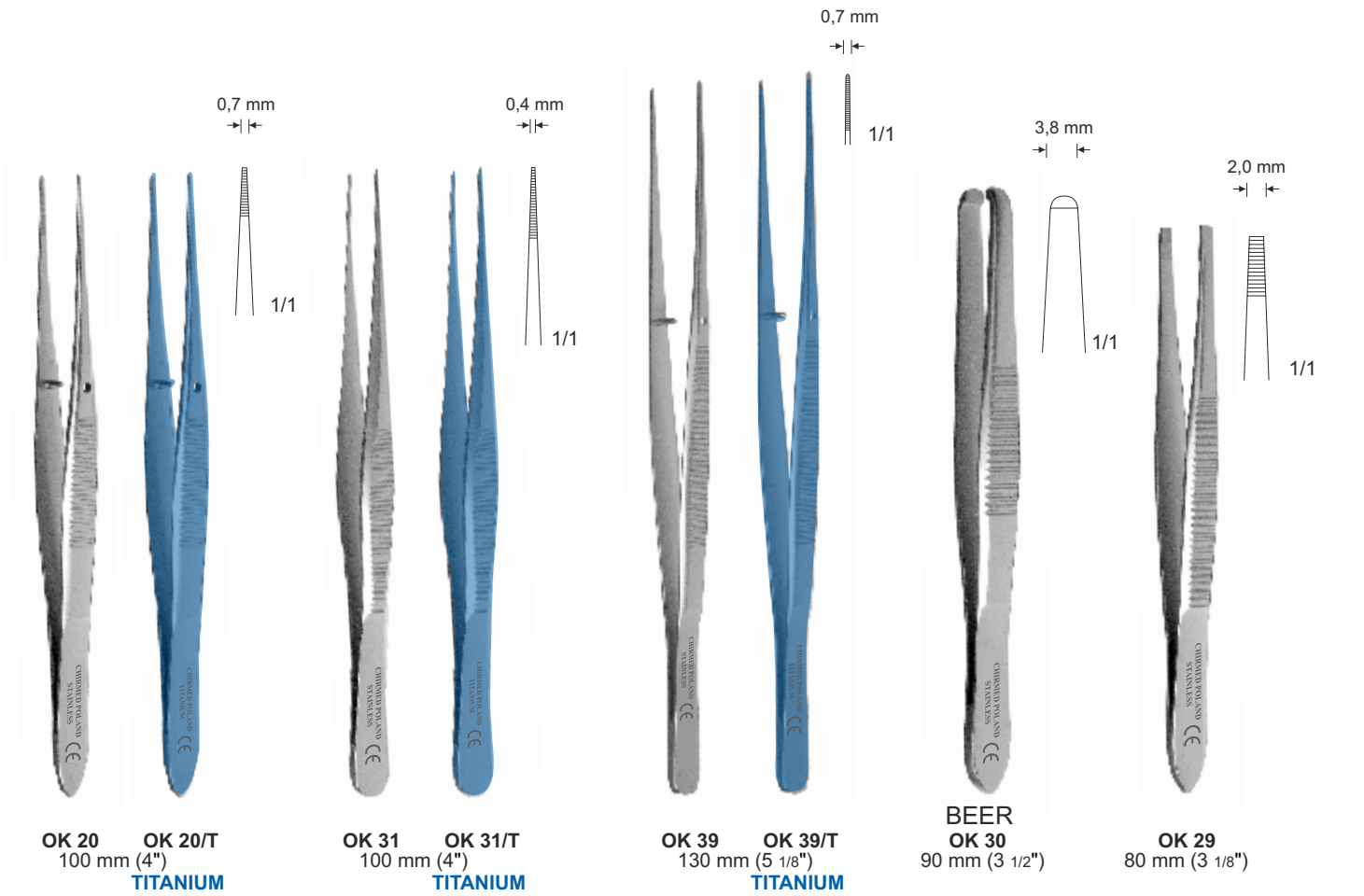
ADSON
MK 56 MK 56/T
 120 mm (4 3/4")
TITANIUM



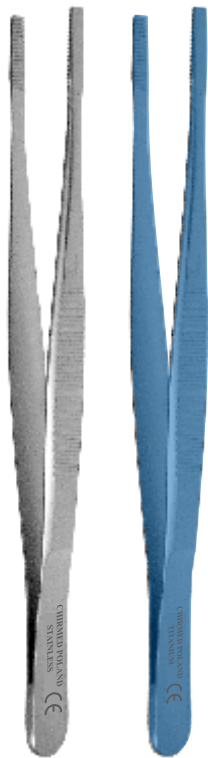
MIKRO-ADSON
MK 39 MK 39/T
 120 mm (4 3/4")
TITANIUM



ADSON
MK 52, MK 53 MK 52/T, MK 53/T
 150 mm (6")
TITANIUM

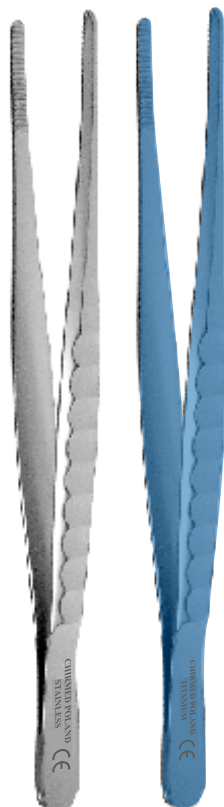


DOSTĘPNE RÓWNIEŻ W WERSJI TYTANOWEJ
AVAILABLE ALSO IN TITANIUM VERSION
ERREICHBAR AUCH IN TITAN
ТАКЖЕ ДОСТУПНЫ В ТИТАНЕ **TITANIUM**



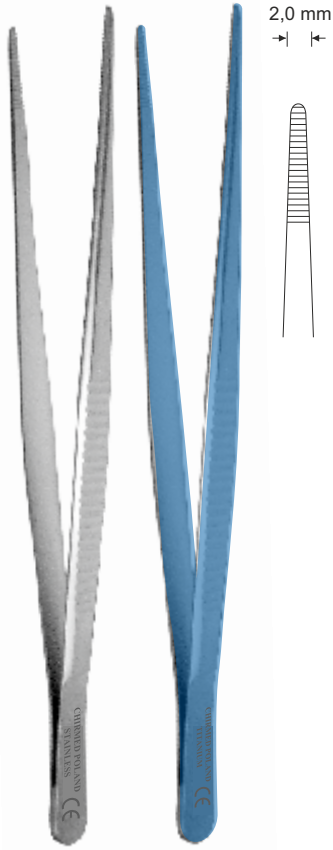
SWEDISH MODEL
CO 29 **CO 29/T**
TITANIUM

3,0 mm → ←	3,2 mm → ←	3,5 mm → ←	3,8 mm → ←
CO 29 130 mm (5 1/8")	CO 30 145 mm (5 3/4")	CO 31 180 mm (7")	CO 32 200 mm (8")

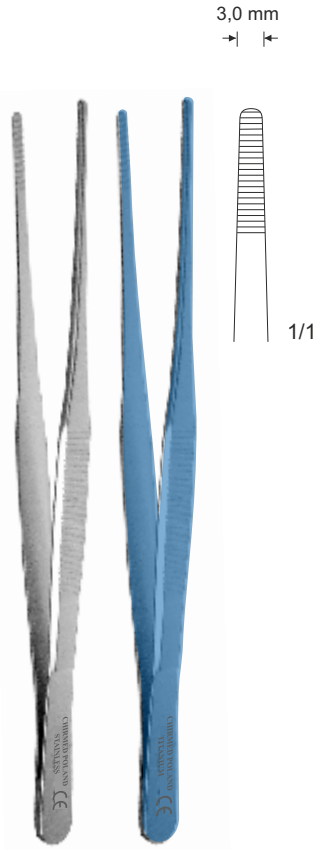


CO 33 **CO 33/T**
TITANIUM

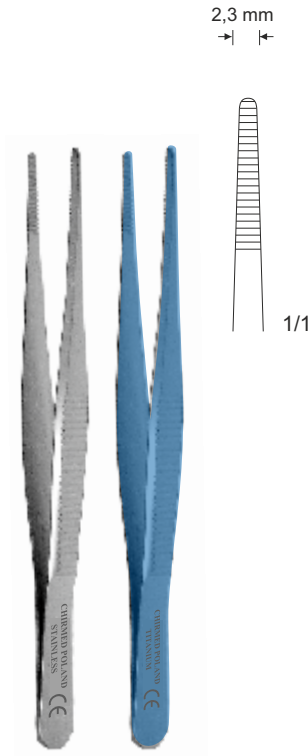
2,8 mm → ←	3,0 mm → ←	3,2 mm → ←	2,4 mm → ←	4,0 mm → ←
CO 33 130 mm (5 1/8")	CO 34 150 mm (6")	CO 35 180 mm (7")	CO 98 230 mm (9")	CO 36 230 mm (9")



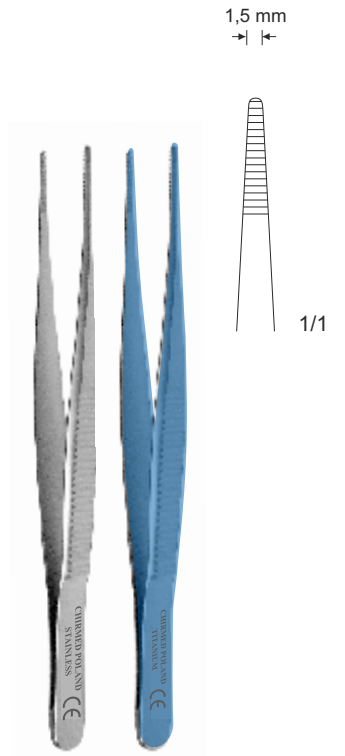
CO 37 **CO 37/T**
230 mm (9")
TITANIUM



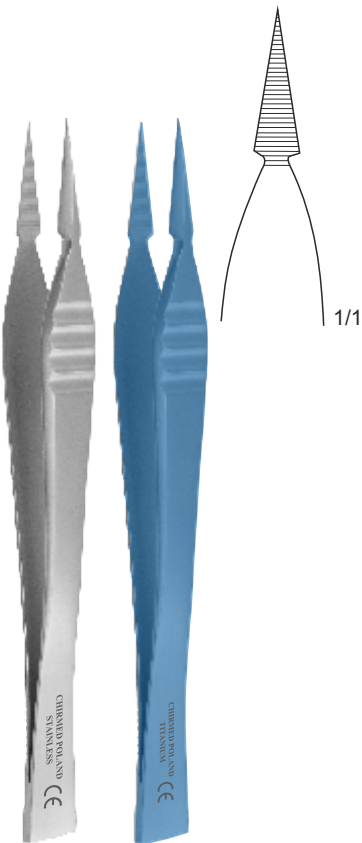
CO 38 **CO 38/T**
200 mm (8")
TITANIUM



CO 39 **CO 39/T**
130 mm (5 1/8")
TITANIUM



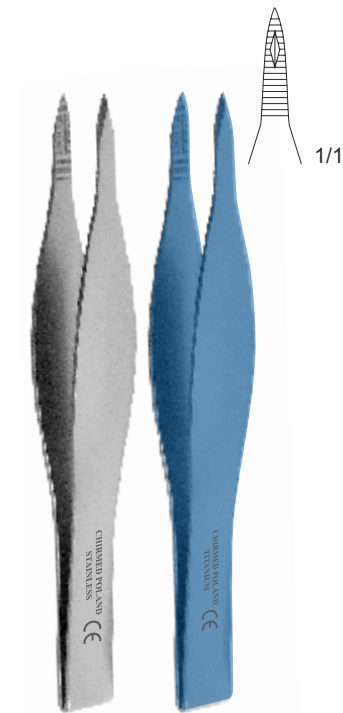
CO 40 **CO 40/T**
130 mm (5 1/8")
TITANIUM



CO 177 **CO 177/T**
130 mm (5 1/8")
TITANIUM



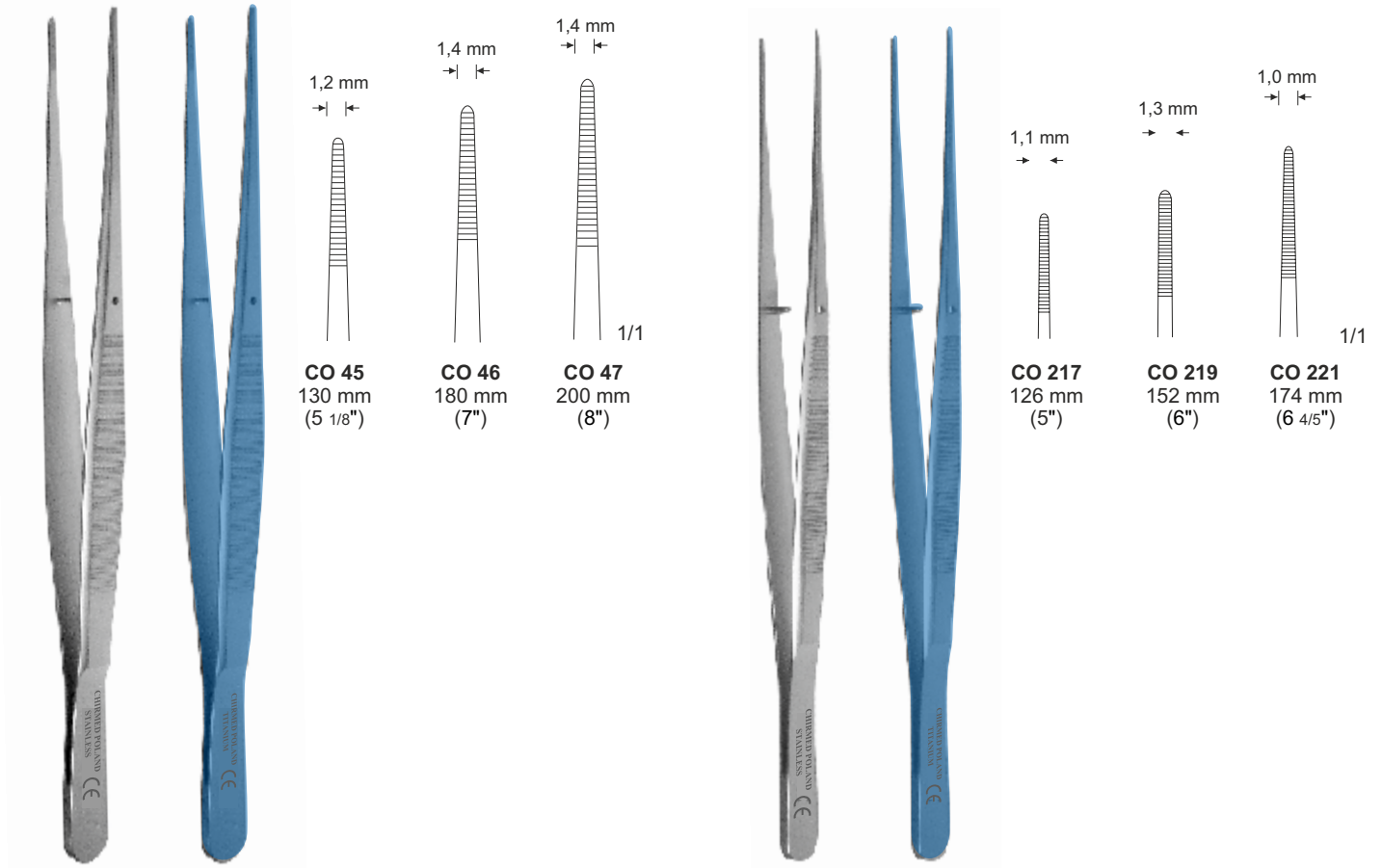
HUNTER
CO 41 **CO 41/T**
115 mm (4 1/2")
TITANIUM



FEILCHENFELD
CO 42 **CO 42/T**
95 mm (3 1/2")
TITANIUM

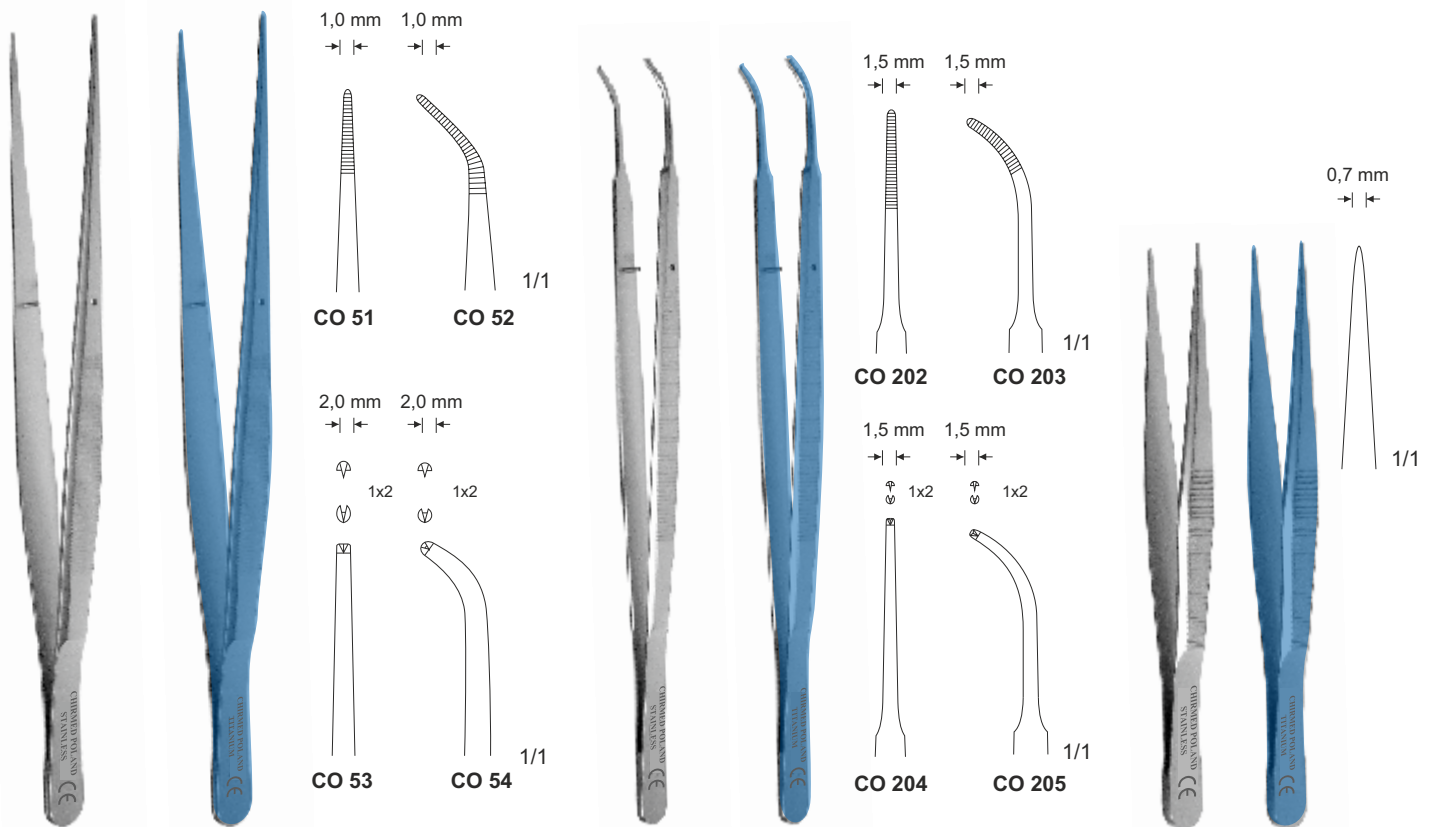


CO 97
85 mm (3 1/3")



CUSHING
CO 45 - CO 47 CO 45/T - CO 47/T
TITANIUM

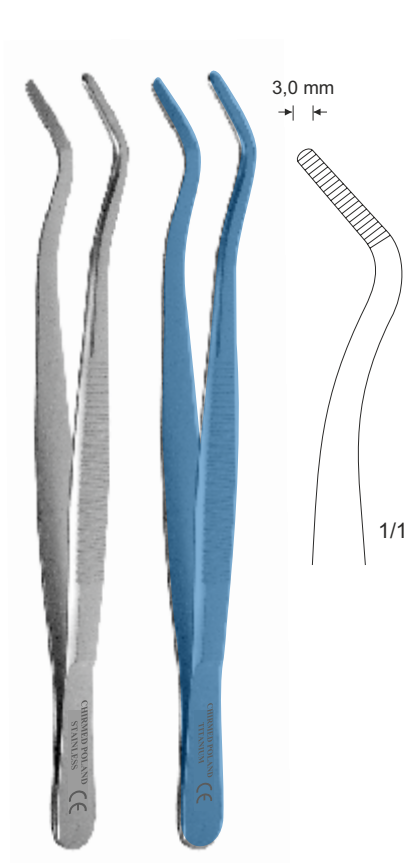
SEMKEN
CO 217 CO 217/T
CO 219 CO 219/T
CO 221 CO 221/T
TITANIUM



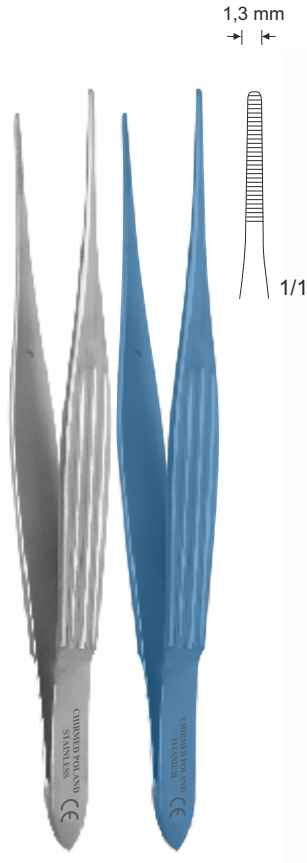
CO 51 - CO 54 CO 51/T - CO 54/T
200 mm (8")
TITANIUM

GERALD
CO 202 - CO 205 CO 202/T - CO 205/T
175 mm (7")
TITANIUM

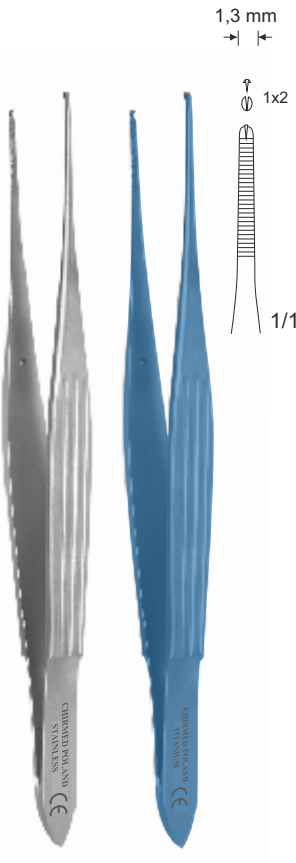
CO 217/A CO 217/A/T
100 mm (4")
TITANIUM



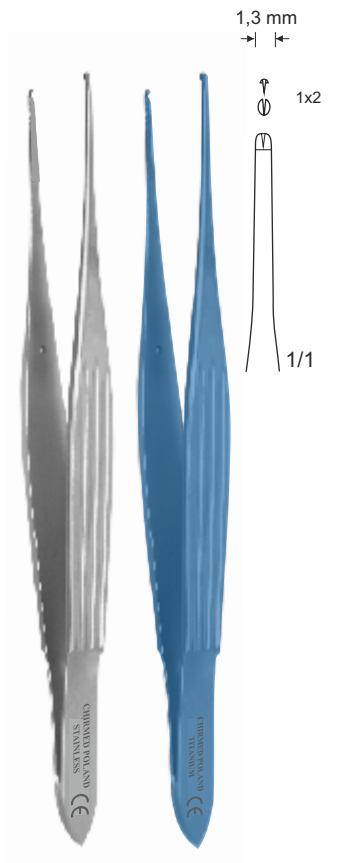
CO 226 CO 226/T 156 mm (6")
CO 227 CO 227/T 170 mm (7")
CO 228 CO 228/T 185 mm (7 1/4")
TITANIUM



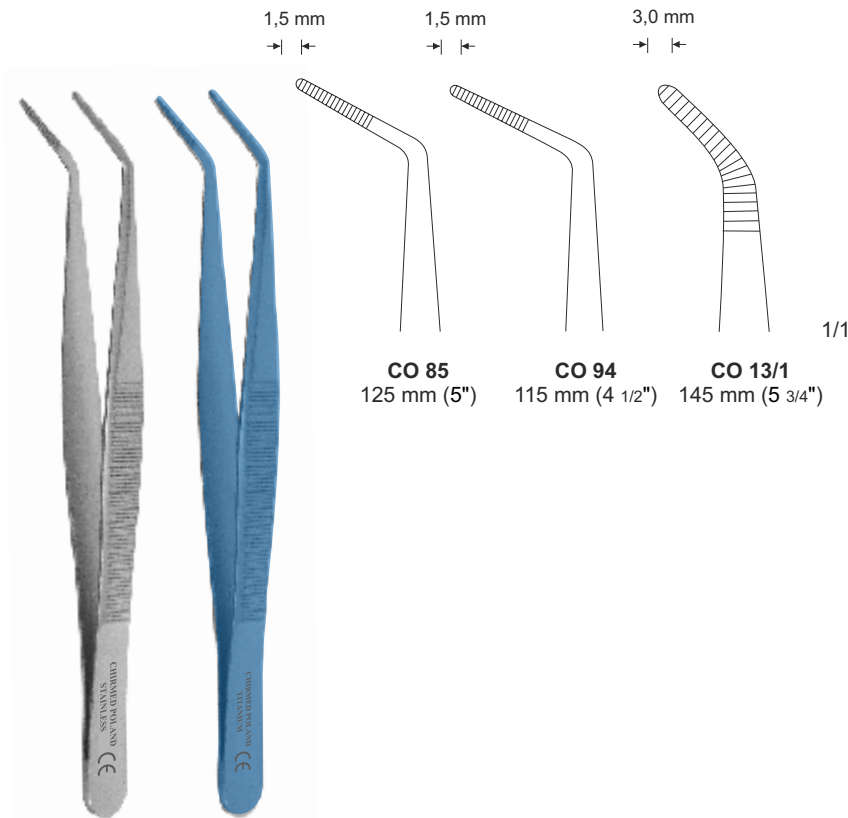
MC INDOE
CO 307 CO 307/T
155 mm (6")
TITANIUM



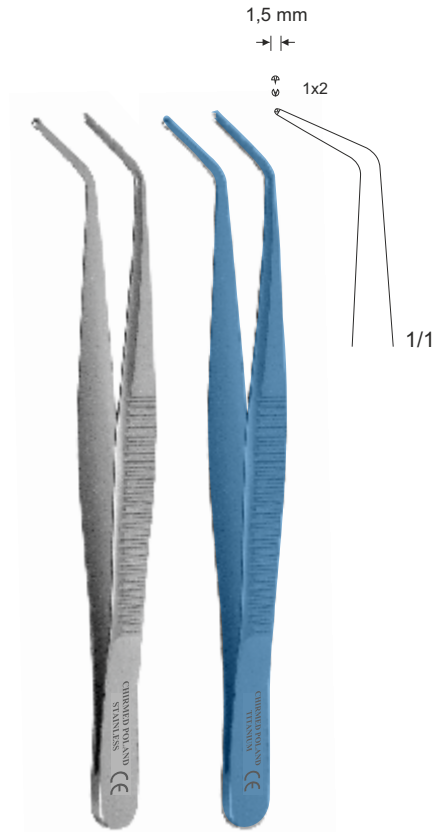
MC INDOE
CO 308 CO 308/T
155 mm (6")
TITANIUM



MC INDOE
CO 172 CO 172/T
160 mm (6 1/4")
TITANIUM

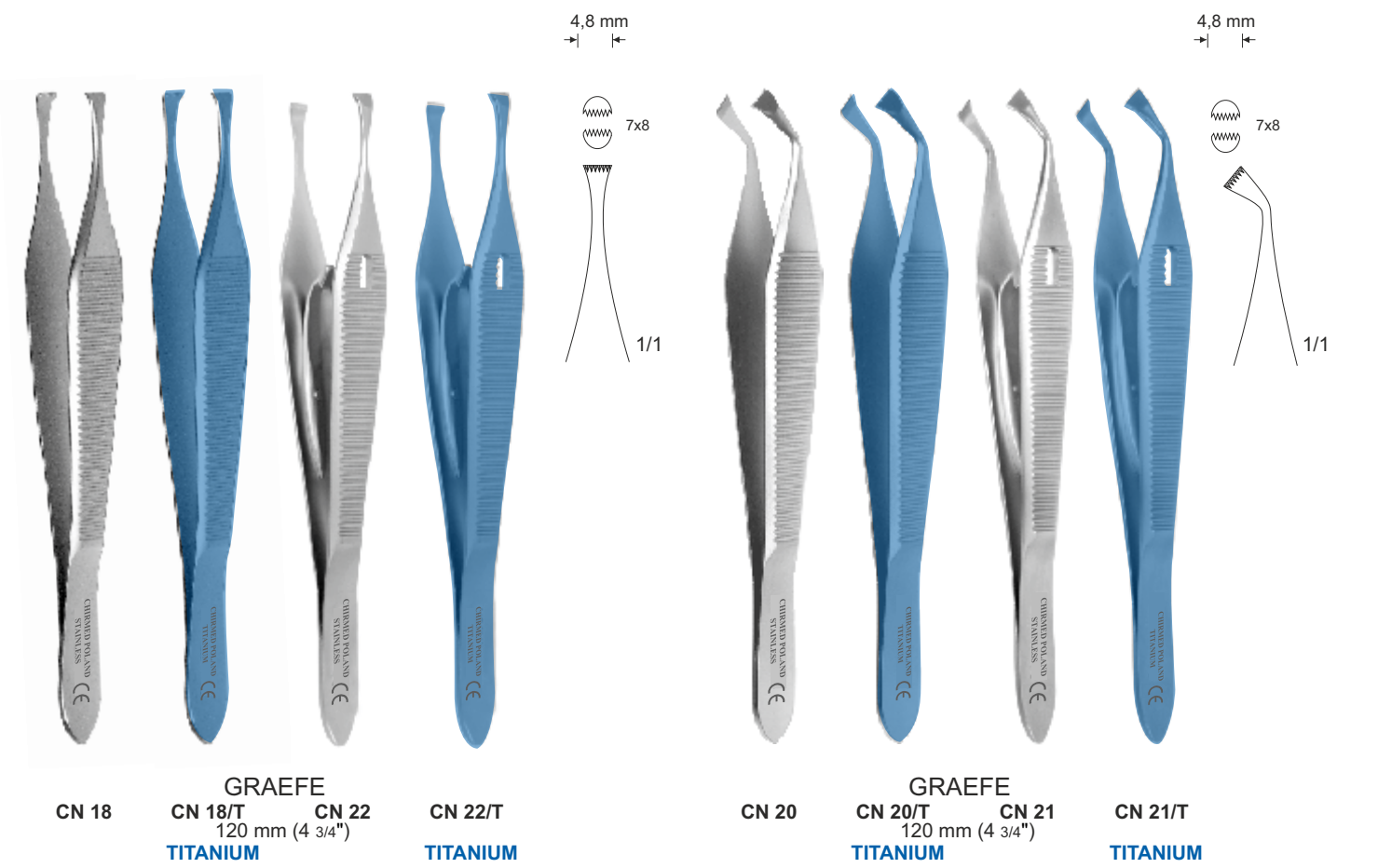
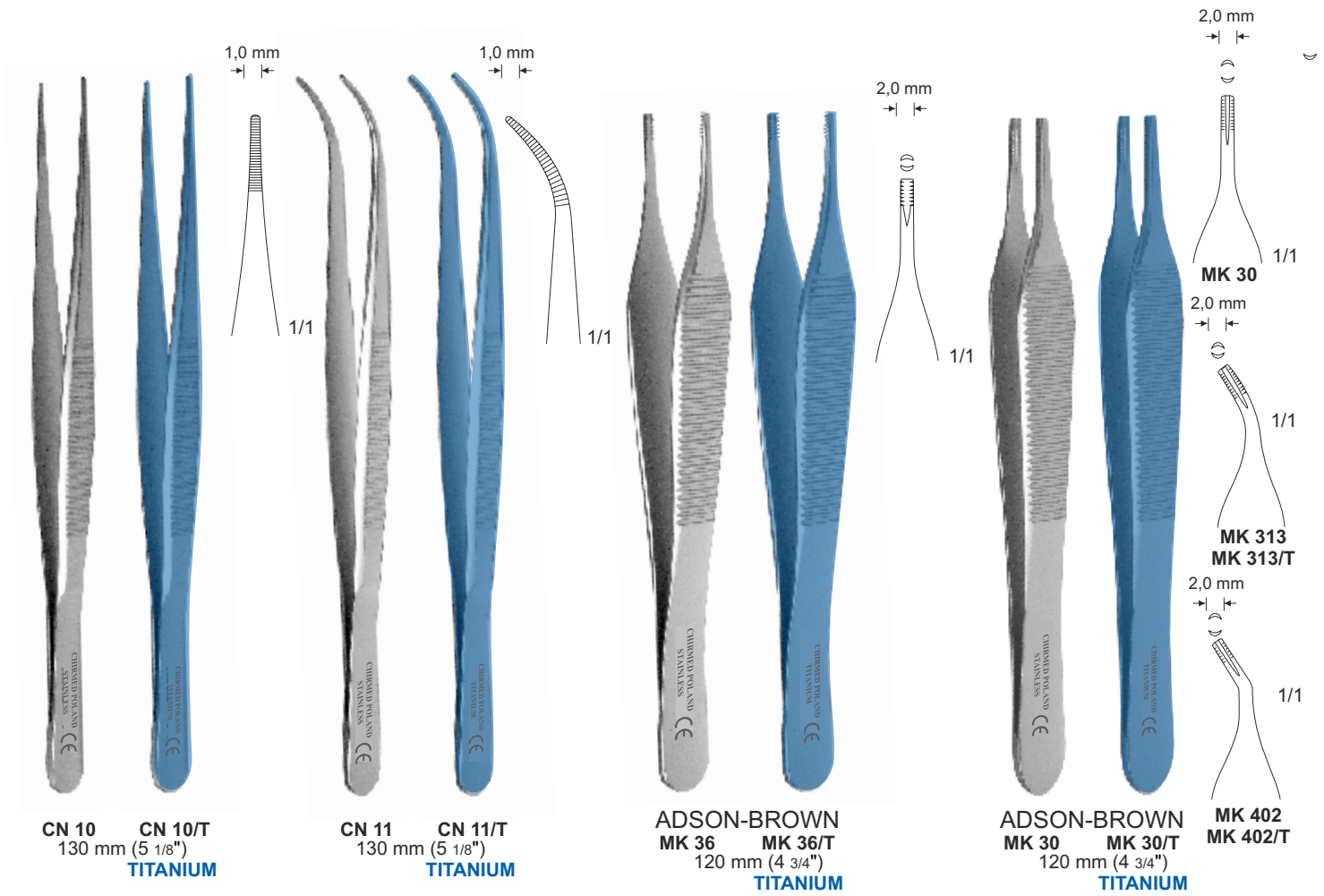


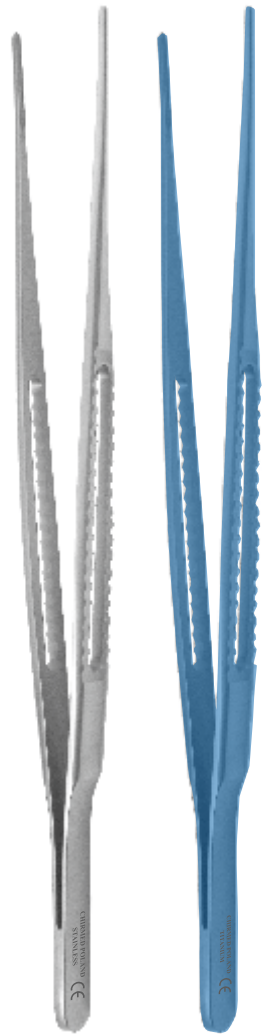
CO 85 CO 94 CO 13/1
125 mm (5") 115 mm (4 1/2") 145 mm (5 3/4")



CO 86 CO 86/T
130 mm (5 1/8")
TITANIUM

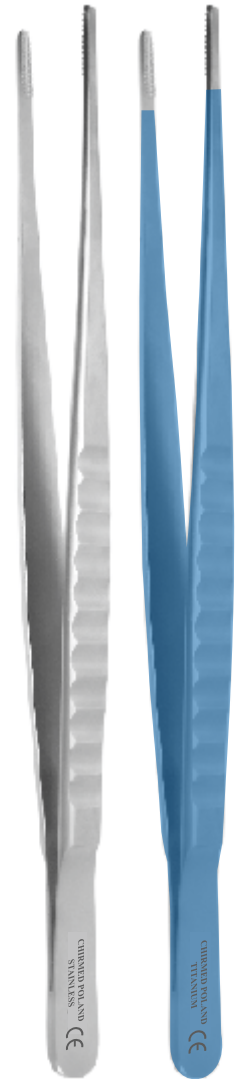
CO 85 CO 85/T
CO 94 CO 94/T
TITANIUM



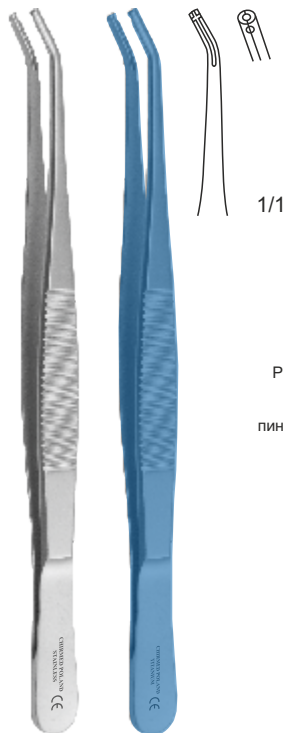
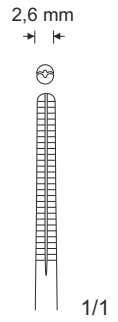


DE BAKEY
 CN 102 CN 102/T
 TITANIUM

Czubki Tips Spitzen Кончик	1,0 mm	2,0 mm
Długość Length (in) Länge Длина		
		1/1
150 mm (6")	CN 100	
150 mm (6") TITANIUM	CN 100/T	
195 mm (7 3/4")	CN 101	CN 102
195 mm (7 3/4") TITANIUM	CN 101/T	CN 102/T
240 mm (9 3/4")	CN 103	CN 104
240 mm (9 3/4") TITANIUM	CN 103/T	CN 104/T
300 mm (12")		CN 105
300 mm (12") TITANIUM		CN 105/T



COOLEY
 CN 19 CN 19/T
 230 mm (9 3/4")
 TITANIUM



CN 108 CN 108/T
 145 mm (5 3/4")
 TITANIUM

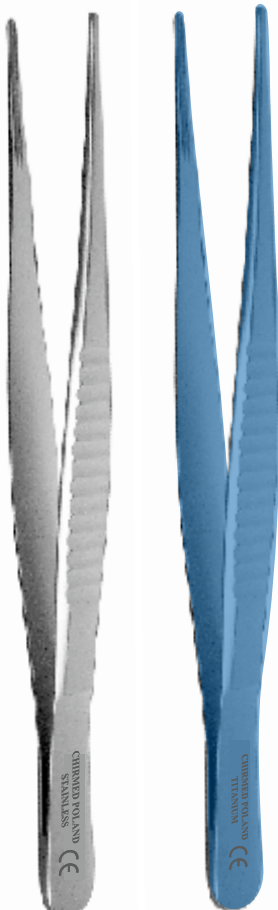
Pinceta do zakładania zacisków
 Clamp applying forceps
 Anlegepinzette für Klemmen
 пинцет для установки терминалов



DE BAKEY
 CN 15/2
 CN 15/2/T
 TITANIUM

Czubki Tips Spitzen Кончик	1,0 mm → ←	2,0 mm → ←	3,0 mm → ←	3,0 mm → ← zweżany na czubkach tapered gradually an den Spitzen verjüngt конические на кончиках
Długość Length (in) Länge Длина				
150 mm (6")	CN 14/1	CN 14/4	CN 14/8	
150 mm (6") TITANIUM	CN 14/1/T	CN 14/4/T	CN 14/8/T	
195 mm (7 3/4")	CN 15/2	CN 15/5	CN 15/9	
195 mm (7 3/4") TITANIUM	CN 15/2/T	CN 15/5/T	CN 15/9/T	
240 mm (9 3/4")	CN 15/3	CN 15/6		CN 15/10
240 mm (9 3/4") TITANIUM	CN 15/3/T	CN 15/6/T		CN 15/10/T
305 mm (12 1/4")		CN 15/7	CN 15/11	
305 mm (12 1/4") TITANIUM		CN 15/7/T	CN 15/11/T	

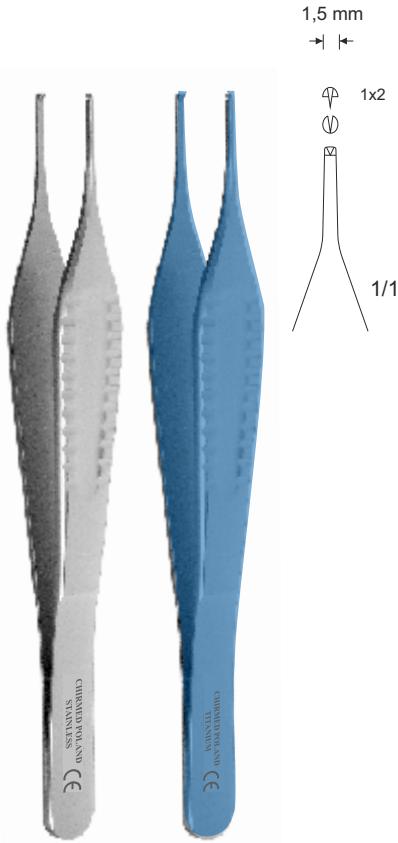
1/1



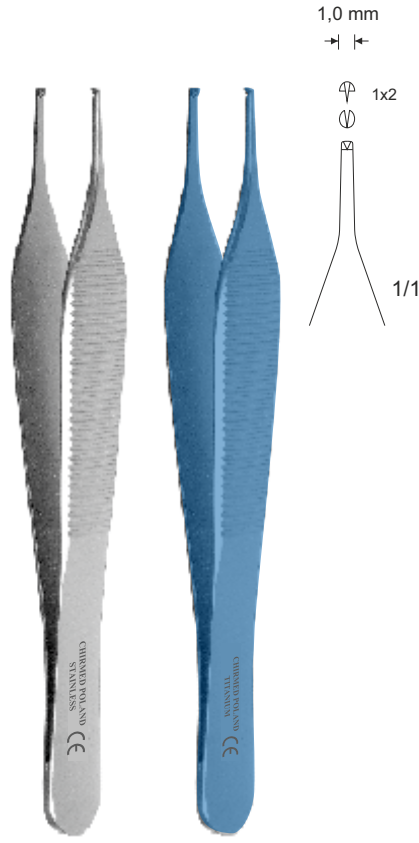
DE BAKEY STANDARD
 CN 15
 CN 15/T
 TITANIUM

Czubki Tips Spitzen Кончик	2,0 mm → ←	2,0 mm → ←	2,0 mm → ←	2,0 mm → ←
Długość Length (in) Länge Длина				
150 mm (6")	CN 14		CN 16	
150 mm (6") TITANIUM	CN 14/T		CN 16/T	
200 mm (8")		CN 15		CN 17
200 mm (8") TITANIUM		CN 15/T		CN 17/T

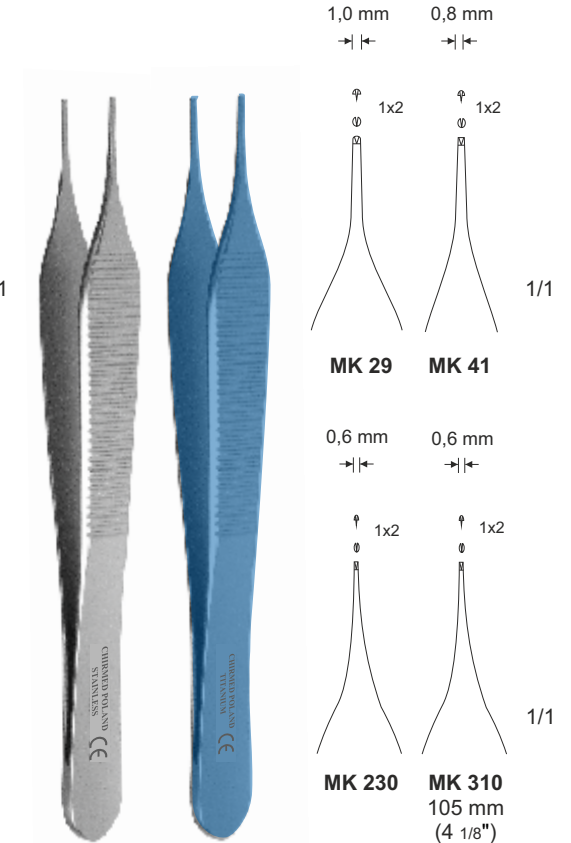
1/1



ADSON
 MK 34 MK 34/T
 120 mm (4 3/4")
TITANIUM



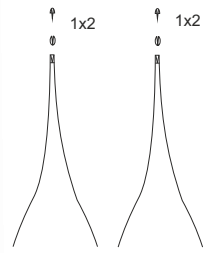
ADSON
 MK 27 MK 27/T
 120 mm (4 3/4")
TITANIUM



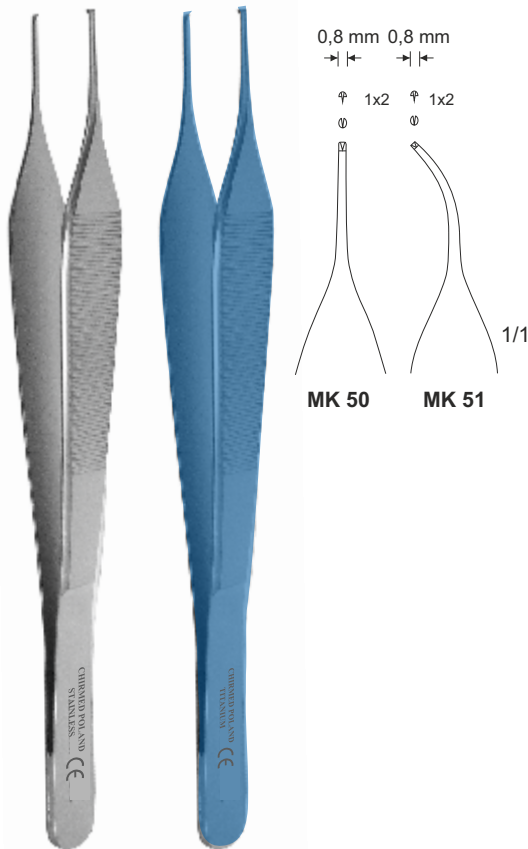
MIKRO-ADSON
 MK 29, MK 41 MK 29/T, MK 41/T
 120 mm (4 3/4")
TITANIUM

MK 29 MK 41

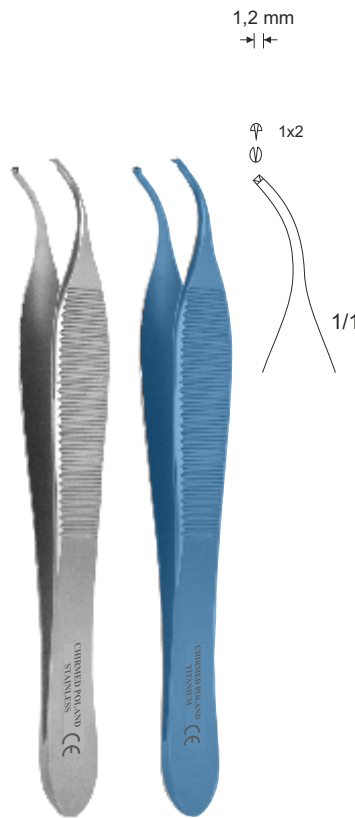
0,6 mm 0,6 mm
 →|← →|←



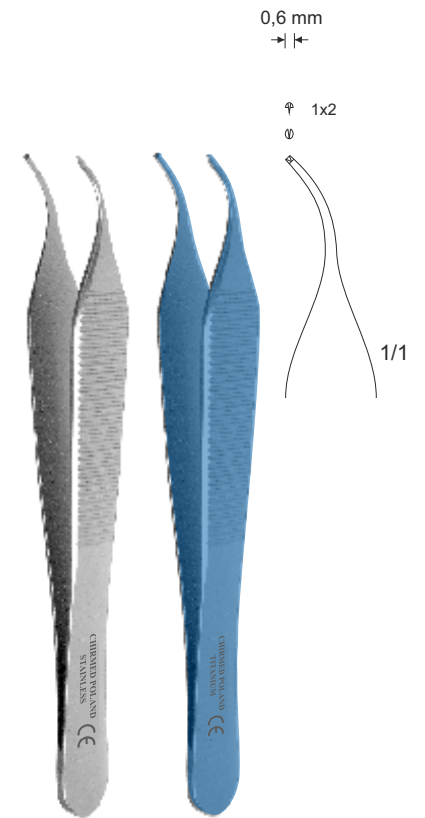
MK 230 MK 310
 105 mm
 (4 1/8")



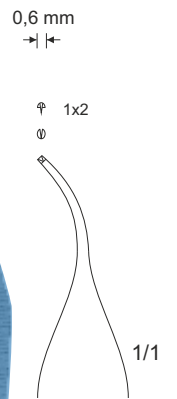
ADSON
 MK 50, MK 51 MK 50/T, MK 51/T
 150 mm (6")
TITANIUM

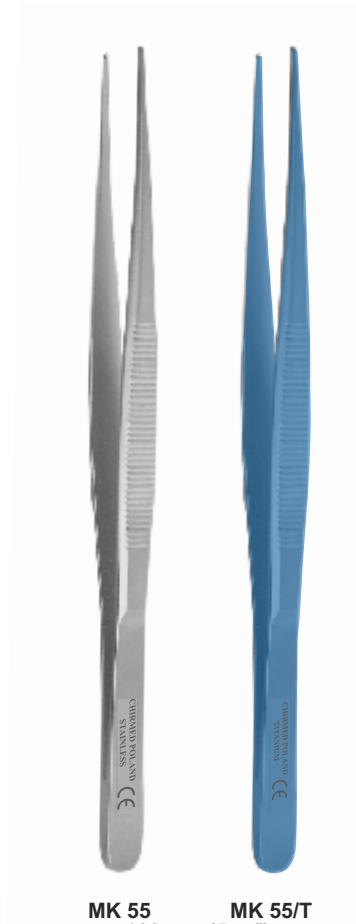


ADSON
 MK 57 MK 57/T
 120 mm (4 3/4")
TITANIUM



MIKRO-ADSON
 MK 40 MK 40/T
 120 mm (4 3/4")
TITANIUM

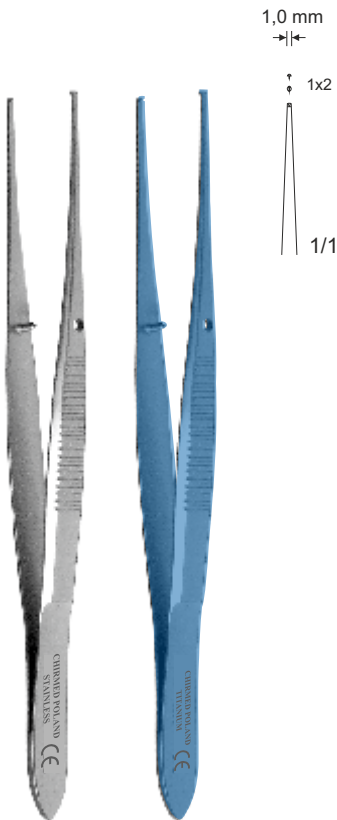




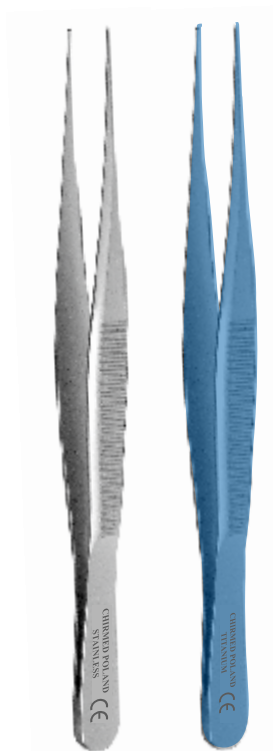
MK 55 **MK 55/T**
130 mm (5 1/8")
TITANIUM



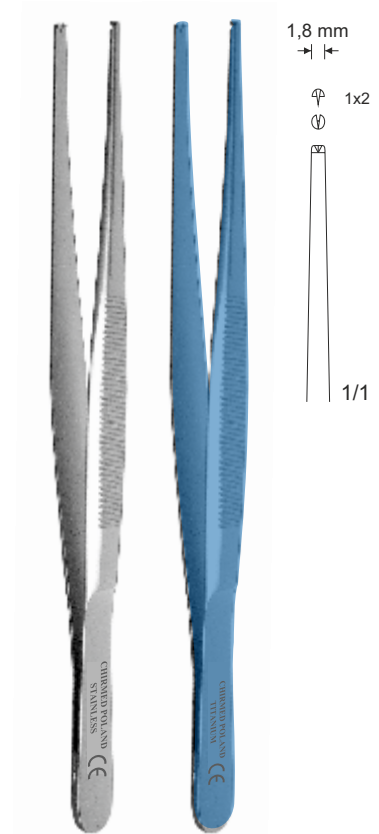
MK 31 **MK 31/T**
110 mm (4 3/8")
TITANIUM



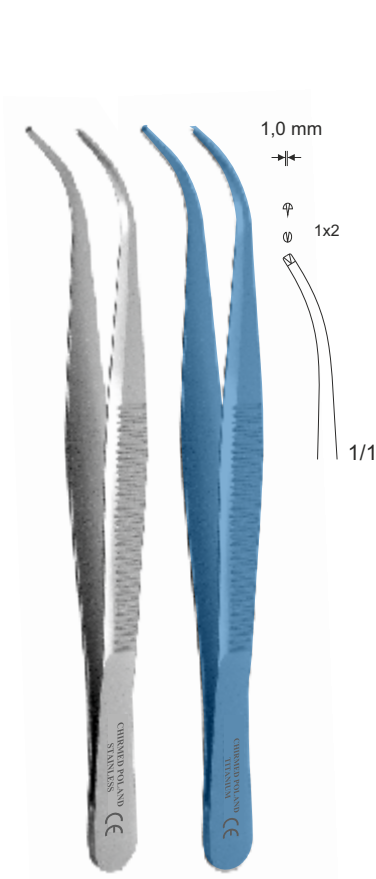
OK 23 **OK 23/T**
100 mm (4")
TITANIUM



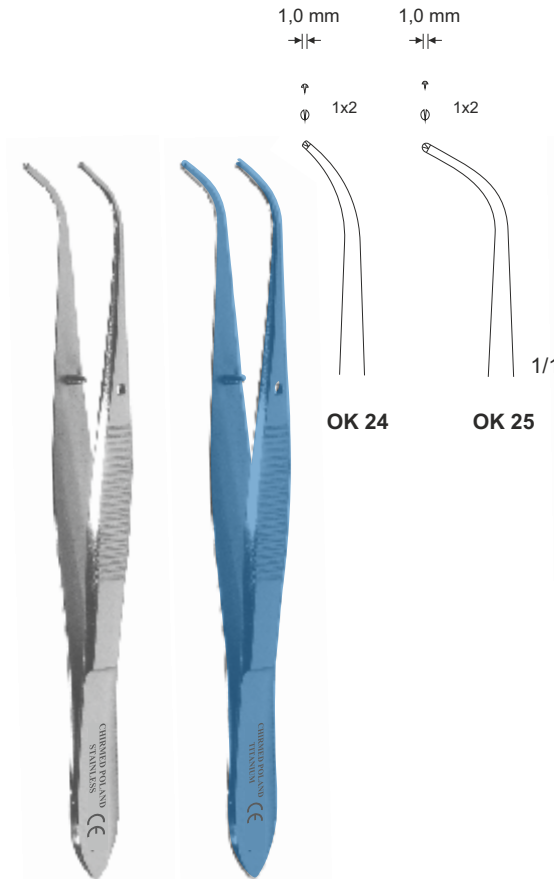
OK 33 **OK 33/T**
100 mm (4")
TITANIUM



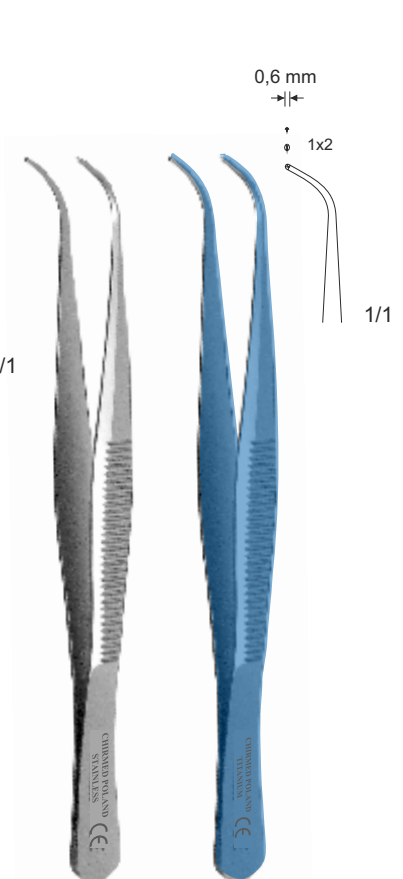
CN 12 **CN 12/T**
130 mm (5 1/8")
TITANIUM



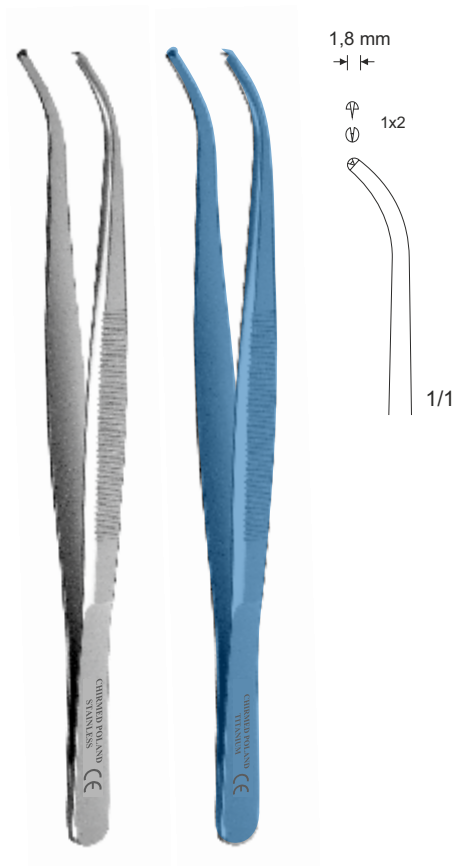
MK 32 **MK 32/T**
110 mm (4 3/8")
TITANIUM



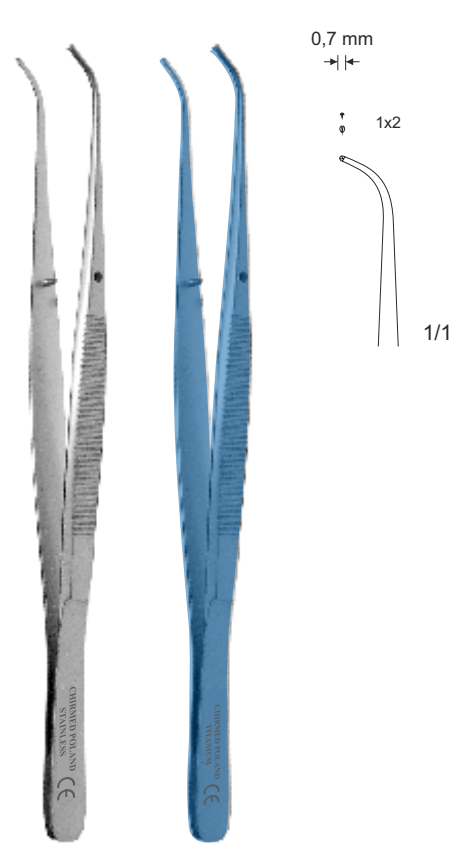
OK 24, OK 25 **OK 24/T, OK 25/T**
100 mm (4")
TITANIUM



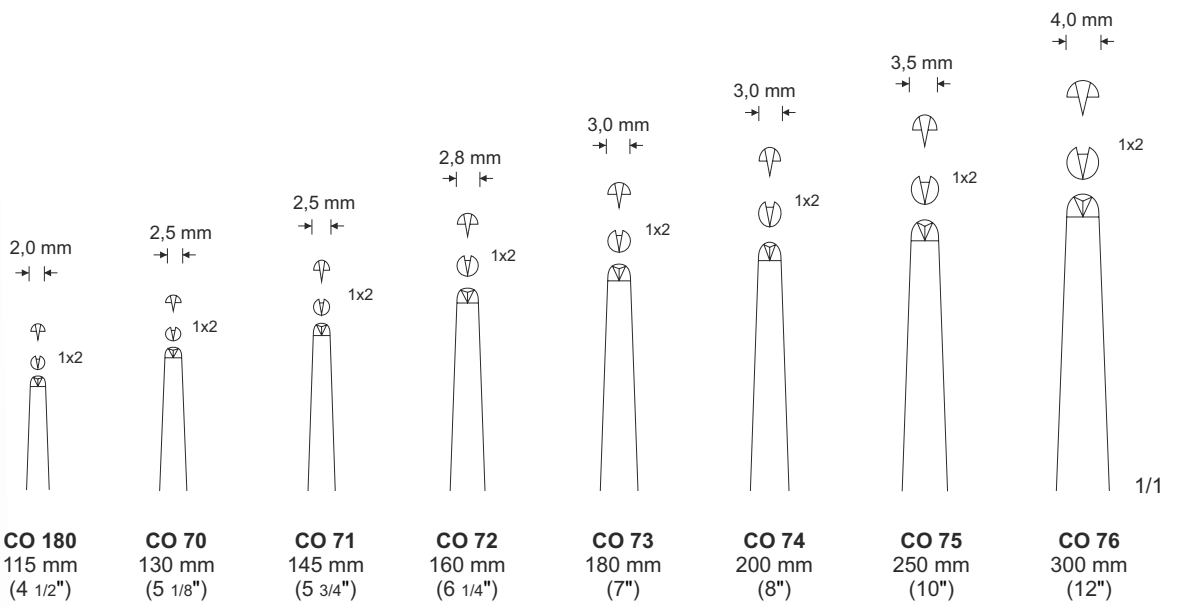
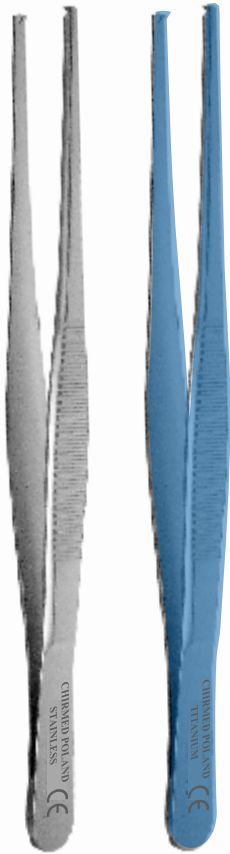
OK 34 **OK 34/T**
100 mm (4")
TITANIUM



CN 13 **CN 13/T**
130 mm (5 1/8")
TITANIUM

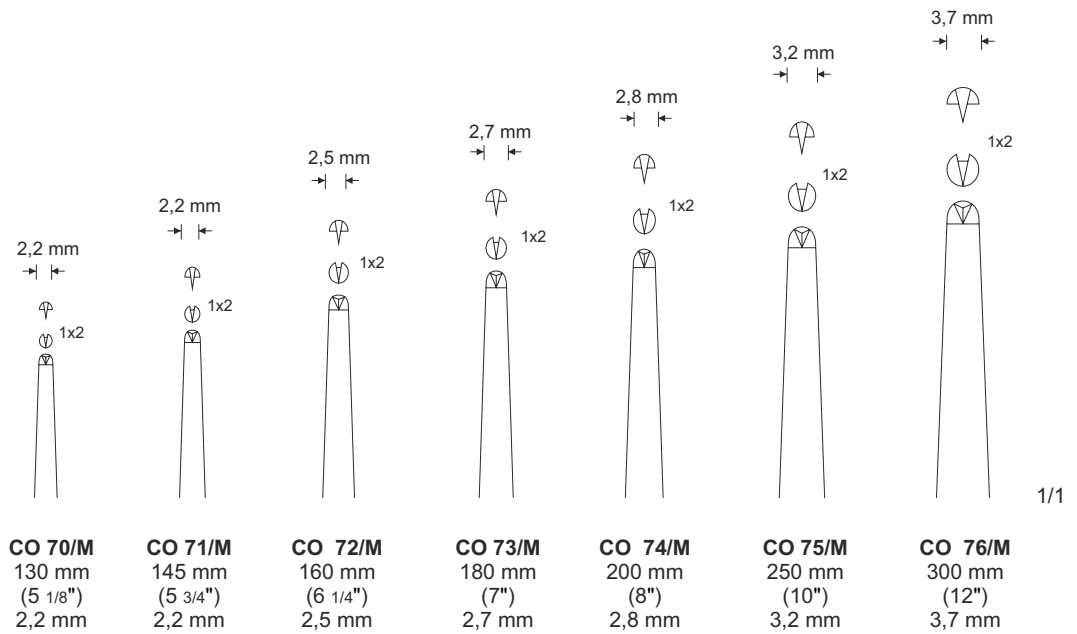


OK 38 **OK 38/T**
130 mm (5 1/8")
TITANIUM



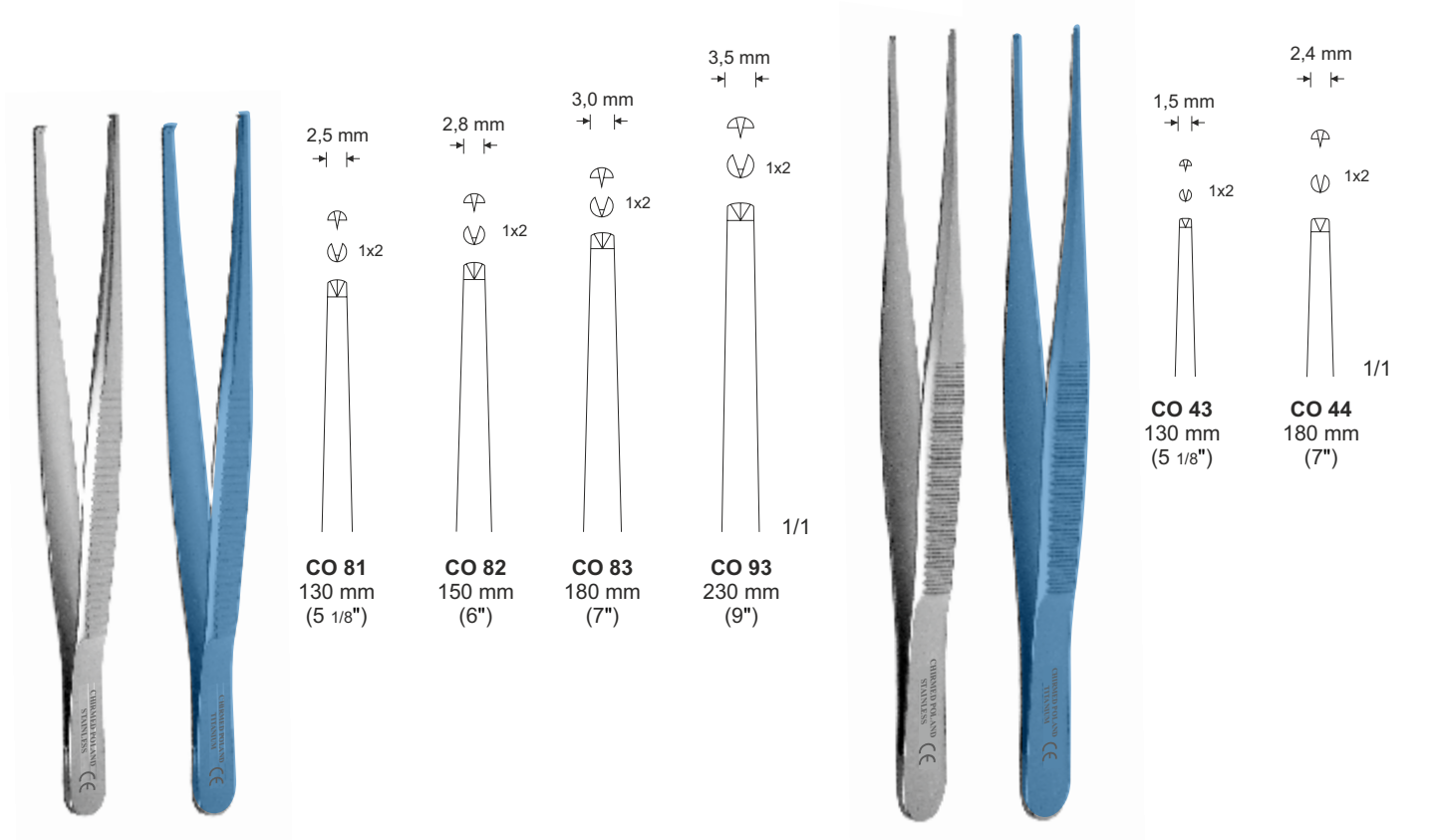
STANDARD
CO 72 CO 72/T
160 mm (6 1/4")

TITANIUM



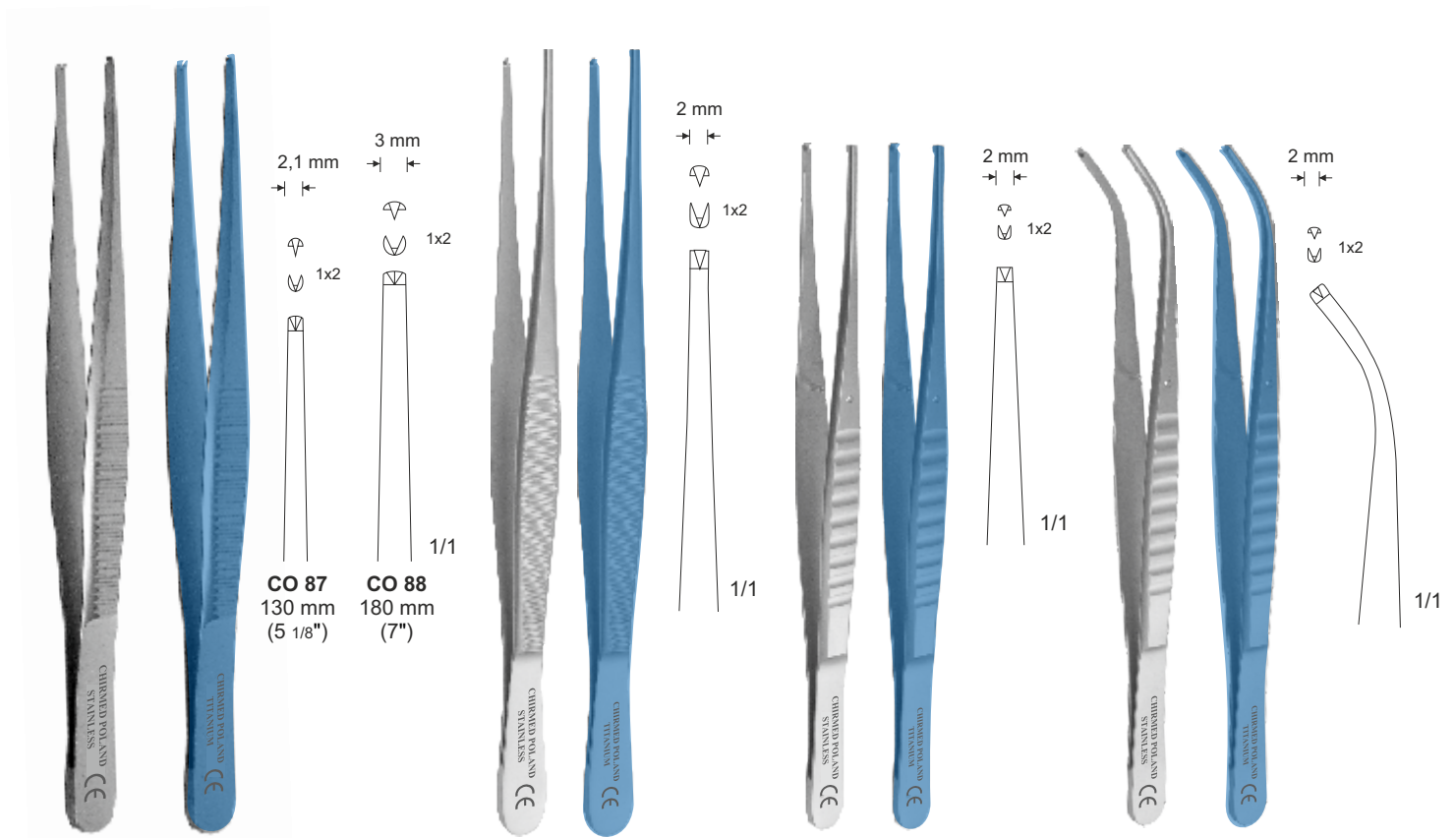
MEDIUM
CO 72/M CO 72/M/T
160 mm (6 1/4")

TITANIUM



CO 82 **CO 82/T**
150 mm (6")
TITANIUM

CO 44 **CO 44/T**
180 mm (7")
TITANIUM



CO 88 **CO 88/T**
180 mm (7")
TITANIUM

CO 171 **CO 171/T**
180 mm (7")
TITANIUM

CO 178 **CO 178/T**
165 mm (6 1/2")
TITANIUM

CO 179 **CO 179/T**
165 mm (6 1/2")
TITANIUM

CO 48
130 mm (5 1/8")
1,2 mm
1x2
1/1

CO 218
126 mm (5")
1,1 mm
1x2

CO 49
180 mm (7 1/8")
1,4 mm
1x2
1/1

CO 50
200 mm (8")
1,4 mm
1x2
1/1

CO 220
152 mm (6")
1,3 mm
1x2

CO 222
175 mm (7")
1,0 mm
1x2

CO 80
145 mm (5 3/4")
5,0 mm
4x5
1/1

CO 80/T
145 mm (5 3/4")
5,0 mm
3x4
1/1

CO 84
145 mm (5 3/4")
5,0 mm
3x4
1/1

CO 84/T
145 mm (5 3/4")
5,0 mm
3x4
1/1

WAUGH
CO 48 **CO 48/T**
130 mm (5 1/8")
TITANIUM

SEMKEN
CO 218 **CO 218/T**
126 mm (5")
TITANIUM

CO 80 **CO 80/T**
145 mm (5 3/4")
TITANIUM

CO 84 **CO 84/T**
145 mm (5 3/4")
TITANIUM

CO 95
145 mm (5 3/4")
3,2 mm
2x3

CO 184
200 mm (8")
4,0 mm
2x3

CO 185
250 mm (10")
4,6 mm
2x3
MEDIUM

CO 77
145 mm (5 3/4")
1,8 mm
2x3

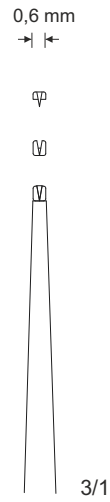
CO 78
200 mm (8")
4,8 mm
3x4

CO 79
250 mm (10")
4,8 mm
3x4
1/1

CO 95 **CO 95/T**
145 mm (5 3/4")
TITANIUM

SEMKEN
CO 186 **CO 186/T**
150 mm (6")
TITANIUM

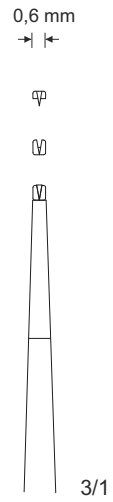
CO 77 **CO 77/T**
145 mm (5 3/4")
TITANIUM



MK 403
85 mm
(3 1/3")

BISHOP-HARMON
MK 403 MK 403/T
85 mm (3 1/3")

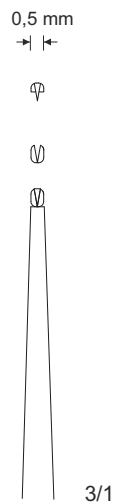
TITANIUM



MK 404
85 mm
(3 1/3")

BISHOP-HARMON
MK 404 MK 404/T
85 mm (3 1/3")

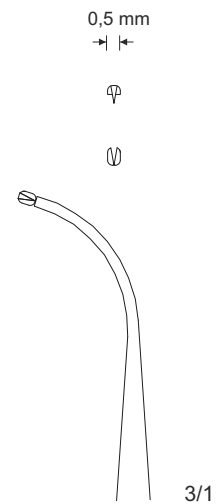
TITANIUM



MK 395
100 mm
(4")

FOERSTER
MK 395 MK 395/T
100 mm (4")

TITANIUM



MK 396
100 mm
(4")

FOERSTER
MK 396 MK 396/T
100 mm (4")

TITANIUM



Wear resistance Tungsten Carbide inserts producing a precise, sharp, well-defined point with superb gripping properties.
 Odporne na ścieranie twarde wkładki w węglika wolframu z precyzyjnymi, dobrze wyprofilowanymi nacięciami zapewniającymi doskonałe właściwości chwytne.



5x

Podziałka 0,5 mm (T)
 Serration 0,5 mm (T)
 Teilung 0,5 mm (T)
 Зубец 0,5 мм (Т)



5x

Podziałka 0,4 mm (T)
 Serration 0,4 mm (T)
 Teilung 0,4 mm (T)
 Зубец 0,4 мм (Т)



5x

Podziałka 0,3 mm (T)
 Serration 0,3mm (T)
 Teilung 0,3 mm (T)
 Зубец 0,3 мм (Т)



5x

Podziałka 0,25 mm (T)
 Serration 0,25mm (T)
 Teilung 0,25mm (T)
 Зубец 0,25 мм (Т)



5x

Gładka
 Smooth
 Glatt
 гладкий

T=0,4 mm
 2,0 mm
 →|←

T=0,4 mm
 1,7 mm
 →|←

T=0,4 mm
 2,0 mm
 →|←

T=0,5 mm
 2,5 mm
 →|←

T=0,5 mm
 3,2 mm
 →|←

T=0,5 mm
 2,5 mm
 →|←

T=0,5 mm
 2,5 mm
 →|←



CO 19/TC
 130 mm
 (5 1/8")



CO 20/TC
 145 mm
 (5 3/4")



CO 21/TC
 145 mm
 (5 3/4")



CO 22/TC
 145 mm
 (5 3/4")



CO 23/TC
 145 mm
 (5 3/4")



CO 182/TC
 160 mm
 (6 1/4")



CO 183/TC
 180 mm
 (7")

1/1

T=0,4 mm
 1,5 mm
 →|←

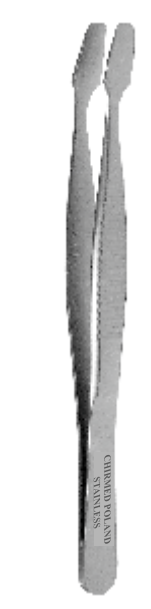


1/1

CO 307/TC
 155 mm (6")



FL 10
100 mm (4")



FL 11
100 mm (4")



FL 12
120 mm (4 3/4")



FL 13
120 mm (4 3/4")



FL 14
150 mm (6")



FL 15
120 mm (4 3/4")



FL 16
110 mm (4 1/2")



EN 01
120 mm (4 3/4")



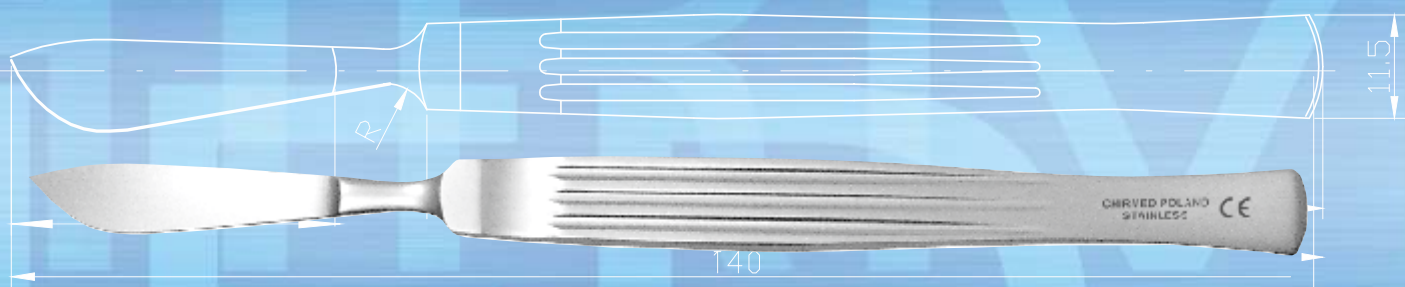
EN 02
120 mm (4 3/4")



EN 03
100 mm (4")

CHIRMED®

Skalpele, nože
Scalpels, Knives
Skalpelle, Messer
Скальпели, Ножи



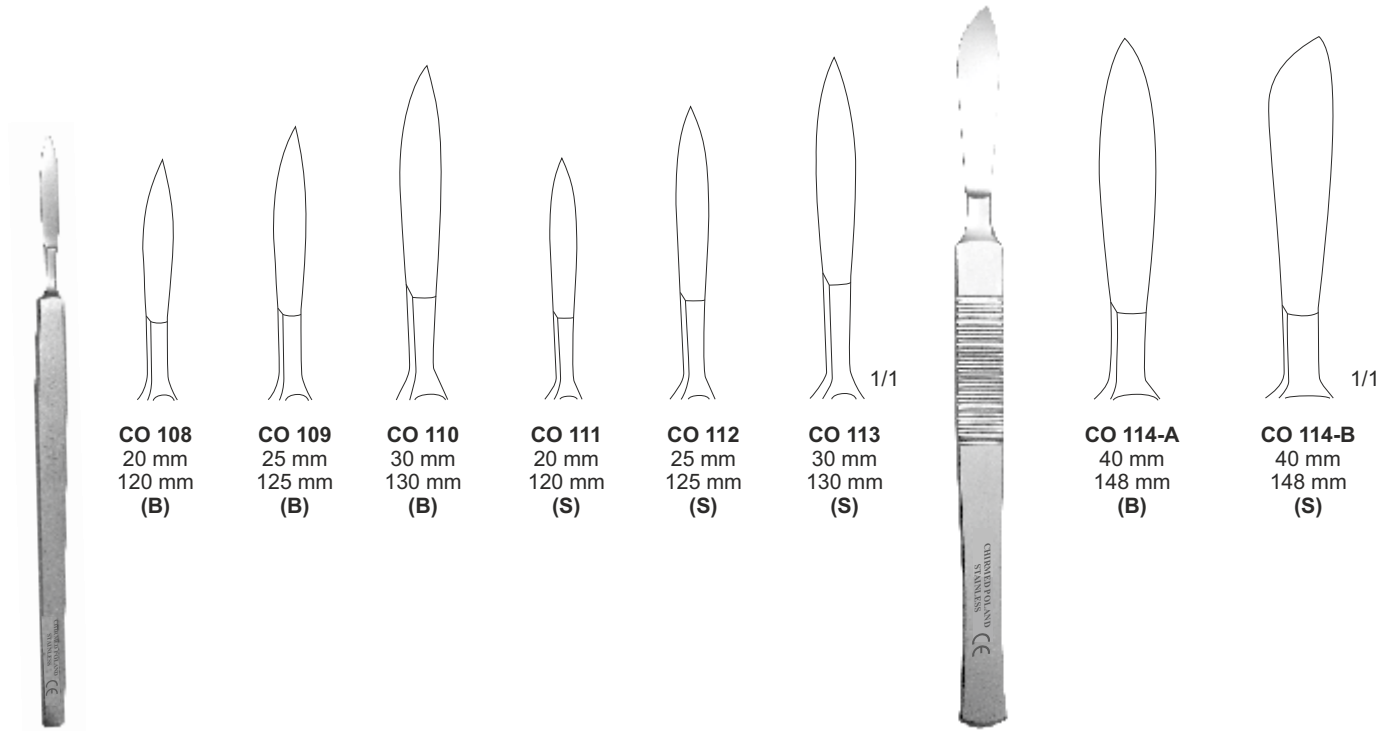
from IDEA to SOLUTION



IDENTYFIKACJA:
IDENTIFICATION:
IDENTIFIKATION:
ИДЕНТИФИКАЦИЯ:

(B) brzuszysty
bulging
bauchig
брюшистый

(S) szpiczasty
pointed
spitz
заостренный



CO 108
20 mm
120 mm
(B)

CO 109
25 mm
125 mm
(B)

CO 110
30 mm
130 mm
(B)

CO 111
20 mm
120 mm
(S)

CO 112
25 mm
125 mm
(S)

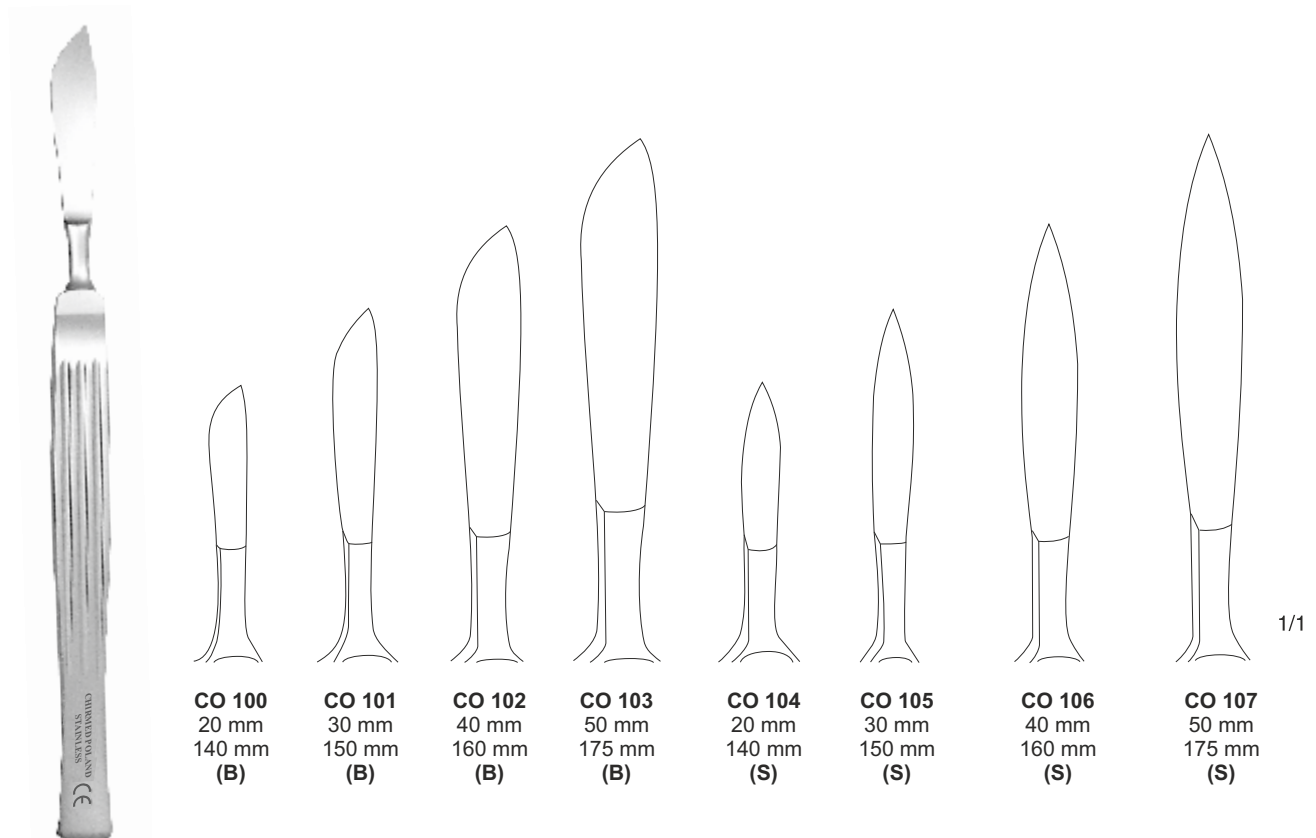
CO 113
30 mm
130 mm
(S)

CO 114-A
40 mm
148 mm
(B)

CO 114-B
40 mm
148 mm
(S)

CO 108 - CO 113

BERGMAN
CO 114-A - CO 114-B
148 mm (5 3/4")



CO 100
20 mm
140 mm
(B)

CO 101
30 mm
150 mm
(B)

CO 102
40 mm
160 mm
(B)

CO 103
50 mm
175 mm
(B)

CO 104
20 mm
140 mm
(S)

CO 105
30 mm
150 mm
(S)

CO 106
40 mm
160 mm
(S)

CO 107
50 mm
175 mm
(S)

CO 100 - CO 107

CO 119

290 mm (11 1/2")
długość ostrza 160 mm
length of blade 160 mm
Klingenlänge 160 mm
длина лезвия 160 mm

CO 120

325 mm (12 3/4")
długość ostrza 220 mm
length of blade 220 mm
Klingenlänge 220 mm
длина лезвия 220 mm

długość ostrza 90 mm
length of blade 90 mm
Klingenlänge 90 mm
длина лезвия 90 mm



CO 118
205 mm (8 1/8")



**LISTON
CO 119**
290 mm (11 1/2")



**VIRCHOW
CO 306**
385 mm (15")

VIRCHOW

CO 306

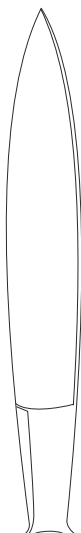
385 mm (15")
długość ostrza 240 mm
length of blade 240 mm
Klingenlänge 240 mm
длина лезвия 240 mm



**LANGENBECK
CO 121 - CO 122**
180 mm (7")



CO 121
50 mm
(B)



CO 122
50 mm
(S)

1/1



1/1

CO 116
205 mm (8 1/8")



1/1

CO 116-A
205 mm (8 1/8")

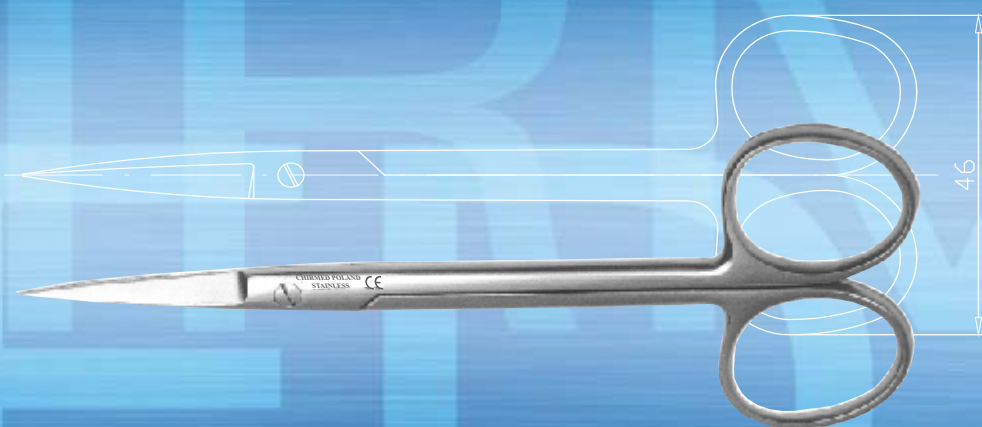


1/1

ST 1902
165 mm (6 1/2")

CHIRMED®

Nożyczki chirurgiczne
Surgical Scissors
Chirurgische Scheren
Хирургические ножницы

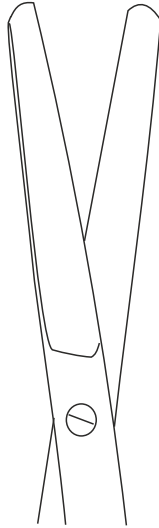


from IDEA to SOLUTION

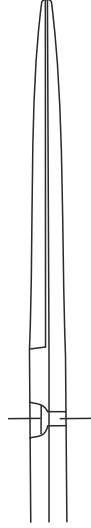
IDENTYFIKACJA: (T/T) tępo/tępe (T/O) tępo/ostrze (O/O) ostro/ostre
 IDENTIFICATION: blunt/blunt blunt/pointed pointed/pointed
 IDENTIFIKATION: stumpf/stumpf stumpf/spitz spitz/spitz
 ИДЕНТИФИКАЦИЯ: тупой/тупой тупой/острый острый/острый



STANDARD



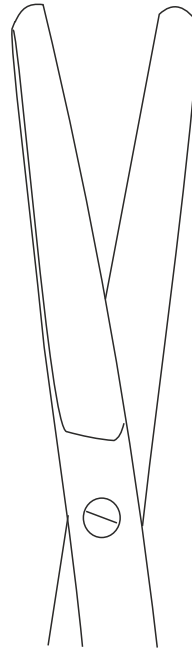
CO 212
130 mm (5 1/8")
(T/T)



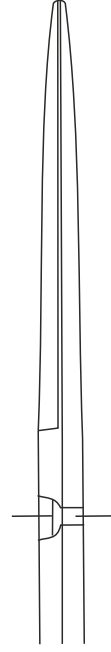
CO 213
130 mm (5 1/8")
(T/T)



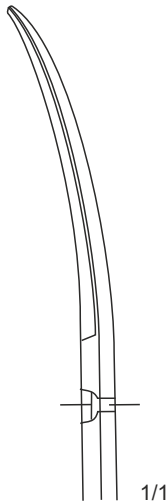
CO 89
165 mm (6 1/2")
(T/T)



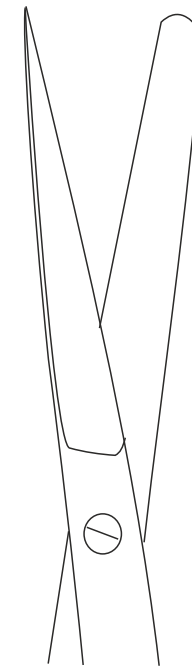
CO 211
165 mm (6 1/2")
(T/T)



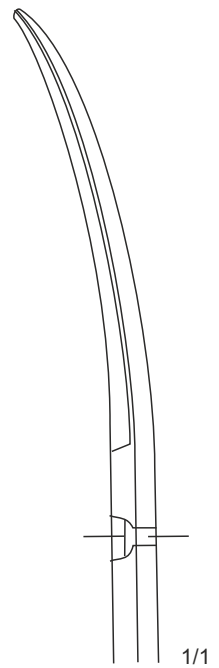
CO 215
130 mm (5 1/8")
(T/O)



CO 216
130 mm (5 1/8")
(T/O)



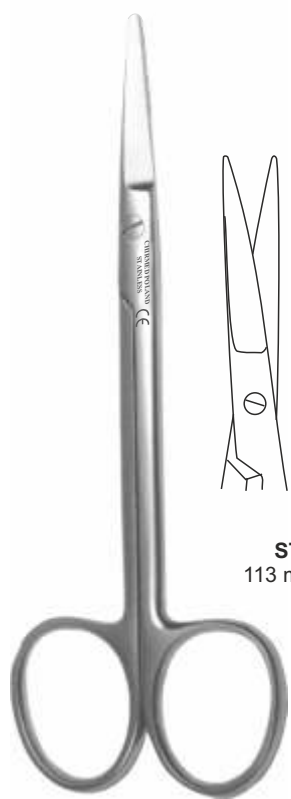
CO 90
165 mm (6 1/2")
(T/O)



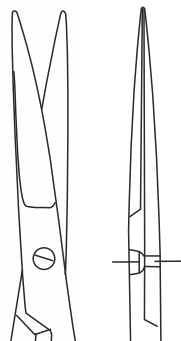
CO 214
165 mm (6 1/2")
(T/O)



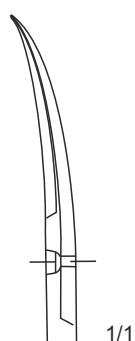
STANDARD



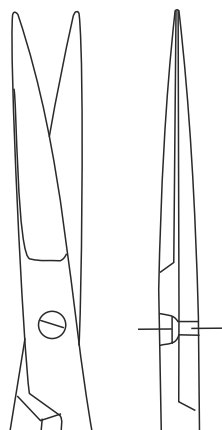
IRIS



ST 2071
113 mm (4 3/8")
(T/T)



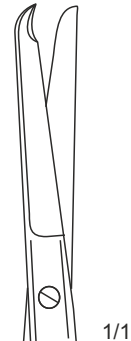
ST 2072
113 mm (4 3/8")
(T/T)



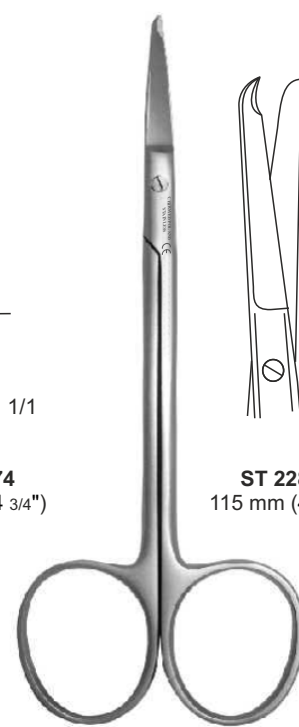
ST 2073
118 mm (4 3/4")
(T/T)



ST 2074
118 mm (4 3/4")
(T/T)



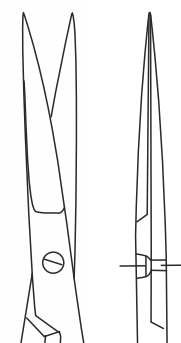
ST 2286
115 mm (4 1/2")



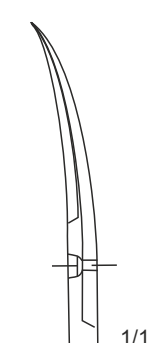
SPENCER



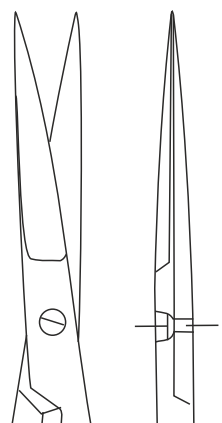
IRIS



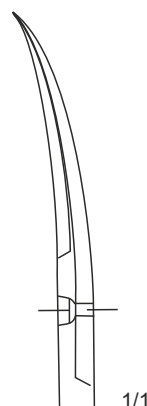
ST 2014
115 mm (4 3/8")
(O/O)



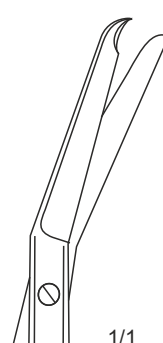
ST 2015
115 mm (4 3/8")
(O/O)



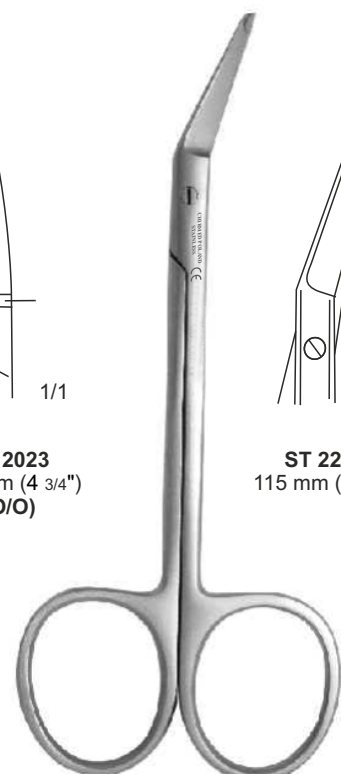
ST 2022
120 mm (4 3/4")
(O/O)



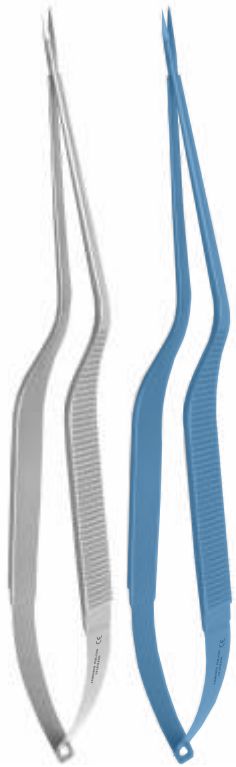
ST 2023
120 mm (4 3/4")
(O/O)



ST 2287
115 mm (4 1/2")



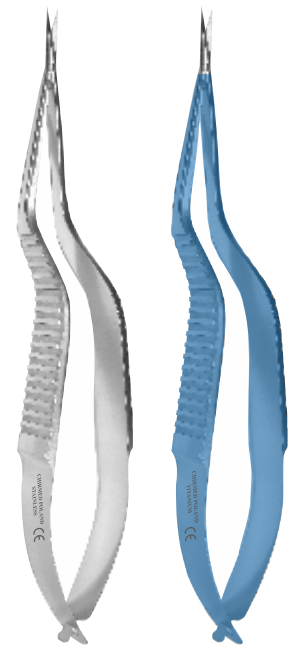
SPENCER



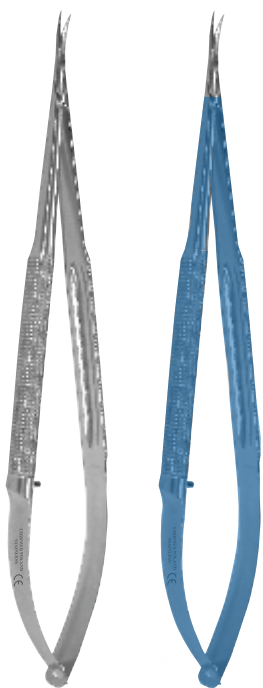
MK 210 **MK 210/T**
TITANIUM

Ostrze Blade Schneide Край						1/1
Długość całkowita Total Length (in) Gesamtlänge Общая длина	STANDARD		STANDARD		STANDARD	
220 mm (8 3/4") (O/O)	MK 210	MK 212	MK 211	MK 213	MK 214	
220 mm (8 3/4") (O/O) TITANIUM	MK 210/T	MK 212/T	MK 211/T	MK 213/T	MK 214/T	

Ostrze Blade Schneide Край		
Długość całkowita Total Length (in) Gesamtlänge Общая длина		
160 mm (6 1/3")	MK 329	MK 320
160 mm (6 1/3") TITANIUM	MK 329/T	MK 320/T
180 mm (7")	MK 330	MK 321
180 mm (7") TITANIUM	MK 330/T	MK 321/T



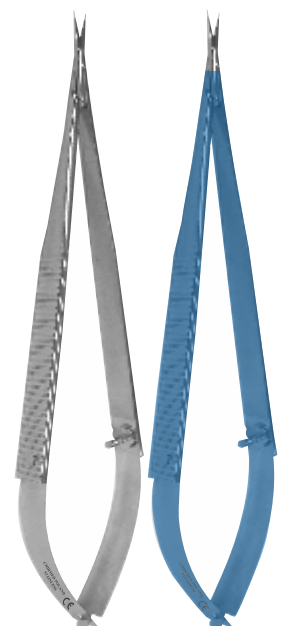
MK 329 **MK 329/T**
 160 mm (7 1/2")
TITANIUM



STREAMLINE
MK 317 **MK 317/T**
 178 mm (7")
TITANIUM

Ostrze Blade Schneide Край		
Długość całkowita Total Length (in) Gesamtlänge Общая длина		
180 mm (7")	MK 316	MK 317
180 mm (7") TITANIUM	MK 316/T	MK 317/T

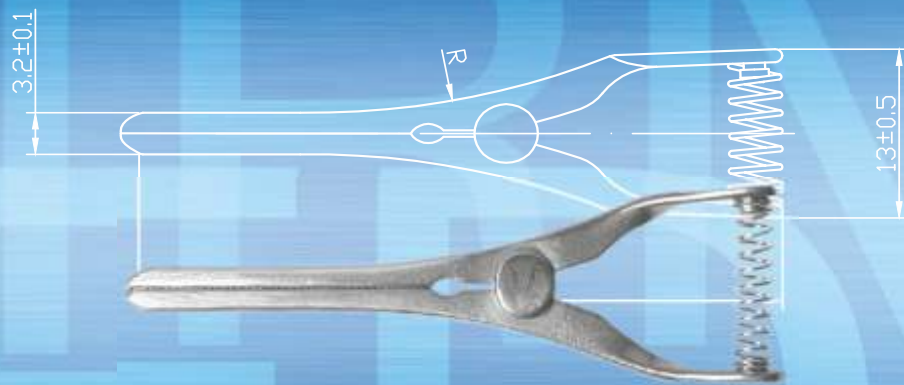
Ostrze Blade Schneide Край		
Długość całkowita Total Length (in) Gesamtlänge Общая длина		
150 mm (6")	MK 325	MK 326
150 mm (6") TITANIUM	MK 325/T	MK 326/T



MK 326 **MK 326/T**
 150 mm (6")
TITANIUM

CHIRMED®

Zaciski naczyniowe
Bulldog clamps
Bulldogklemmen
Сосудистые зажимы типа «бульдог»



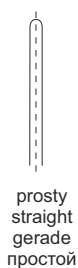
from IDEA to SOLUTION





1/1

WELDON MINIATURE
CN 81



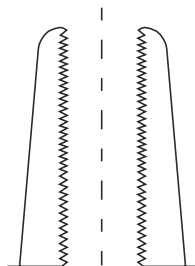
prosty
straight
gerade
простой

CN 80



odgięty
curved
gebogen
отогнутые

CN 81



Nr Kat.
Cat. Ref.
Katalognummer
каталожный номер

CN 80

CN 81

Długość całkowita
Total length
Gesamtlänge
общая длина

33 mm

31 mm

Długość szczęk
Length of jaws
Maullänge
длина челюсти

13,8 mm

IDENTYFIKACJA:
IDENTIFICATION:
ИДЕНТИФИКАЦИЯ:

V(Vena) niska siła zwierania
low pressure
schwacher Druk
маломощный короткое замыкание

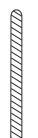
A(Arteria) wysoka siła zwierania
high pressure
starker Druk
закрытие высокая прочность



CN 40



CN 40/T
TITANIUM



szczęki proste
straight jaws
gerades Maul
челюсти простой

IDENTYFIKACJA:
IDENTIFICATION:
ИДЕНТИФИКАЦИЯ:

V (Vena)

A (Arteria)

V (Vena)

A (Arteria)

V (Vena)

A (Arteria)

V (Vena)

A (Arteria)

Nr Kat.
Cat. Ref.
Katalognummer
каталожный номер

CN 40
CN 40/T

CN 41
CN 41/T

CN 42
CN 42/T

CN 43
CN 43/T

CN 44
CN 44/T

CN 45
CN 45/T

CN 46
CN 46/T

CN 47
CN 47/T

Długość całkowita
Total length
Gesamtlänge
общая длина

30 mm

35 mm

40 mm

50 mm

Długość szczęk
Length of jaws
Maullänge
длина челюсти

9 mm

13 mm

14 mm

23 mm

Siła otwarcia
Opening pressure
Öffnungsdruck
отверстия прочность

110-150 g

220-280g

110-150 g

220-280g

110-150 g

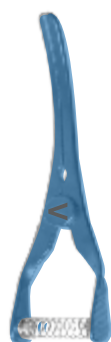
220-280g

110-150 g

220-280g



CN 52



CN 52/T
TITANIUM



szczęki lekko odgiete
slightly curved jaws
leicht gebogenes Maul
челюсть слегка согнута

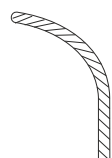
IDENTYFIKACJA: IDENTIFICATION: IDENTIFIKATION: ИДЕНТИФИКАЦИЯ:	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)
Nr Kat. Cat. Ref. Katalognummer каталожный номер	CN 48 CN 48/T	CN 49 CN 49/T	CN 50 CN 50/T	CN 51 CN 51/T	CN 52 CN 52/T	CN 53 CN 53/T	CN 54 CN 54/T	CN 55 CN 55/T
Długość całkowita Total length Gesamtlänge общая длина	30 mm		35 mm		40 mm		48 mm	
Długość szczęk Length of jaws Maullänge длина челюсти	9 mm		13 mm		14 mm		22 mm	
Sila otwarcia Opening pressure Öffnungsdruck отверстия прочность	110-150 g	220-280g	110-150 g	220-280g	110-150 g	220-280g	110-150 g	220-280g



CN 60

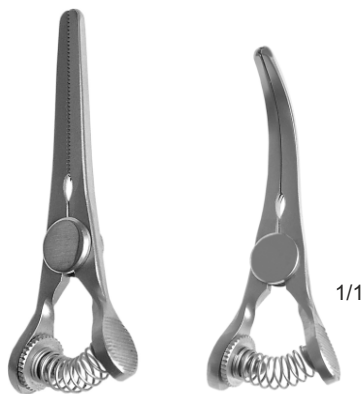


CN 60/T
TITANIUM

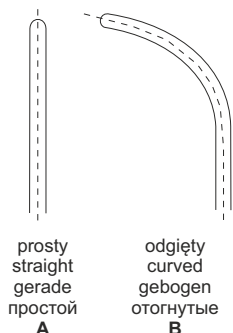


szczęki mocno odgiete
curved jaws
stark gebogenes Maul
челюсти плотно скручена

IDENTYFIKACJA: IDENTIFICATION: IDENTIFIKATION: ИДЕНТИФИКАЦИЯ:	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)
Nr Kat. Cat. Ref. Katalognummer каталожный номер	CN 56 CN 56/T	CN 57 CN 57/T	CN 58 CN 58/T	CN 59 CN 59/T	CN 60 CN 60/T	CN 61 CN 61/T	CN 62 CN 62/T	CN 63 CN 63/T
Długość całkowita Total length Gesamtlänge общая длина	30 mm		35 mm		40 mm		45 mm	
Długość szczęk Length of jaws Maullänge длина челюсти	12 mm		16,5 mm		17 mm		21 mm	
Sila otwarcia Opening pressure Öffnungsdruck отверстия прочность	110-150 g	220-280g	110-150 g	220-280g	110-150 g	220-280g	110-150 g	220-280g



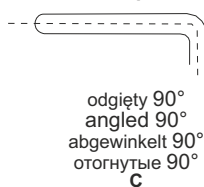
GLOVER
CN 89 CN 90



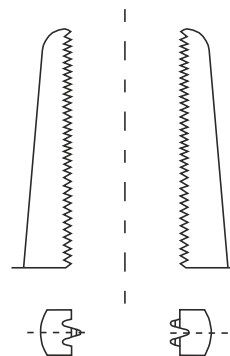
prosty
straight
gerade
простой
A

odgięty
curved
gebogen
отогнутые
B

odgięcie 90°
angled 90°
abgewinkelt 90°
отогнутые 90°
C



odgięty 90°
angled 90°
abgewinkelt 90°
отогнутые 90°
C

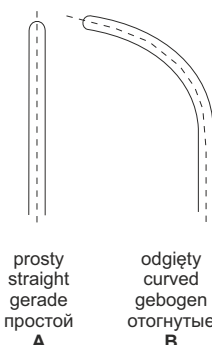


Nr Kat. Cat. Ref. Katalognummer каталожный номер	CN 89 A	CN 90 B	CN 91 A	CN 92 B	CN 93 A	CN 94 B	CN 95 C
Długość całkowita Total length Gesamtlänge общая длина	48 mm	45 mm	69 mm	63 mm	84 mm	76 mm	37 mm
Długość szczęk Length of jaws Maullänge длина челюсти	22 mm		33 mm		48 mm		33 mm



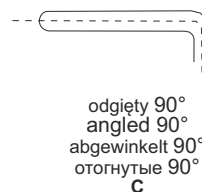
COOLEY
CN 84 CN 85

CN 88

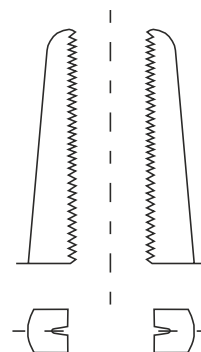


prosty
straight
gerade
простой
A

odgięty
curved
gebogen
отогнутые
B



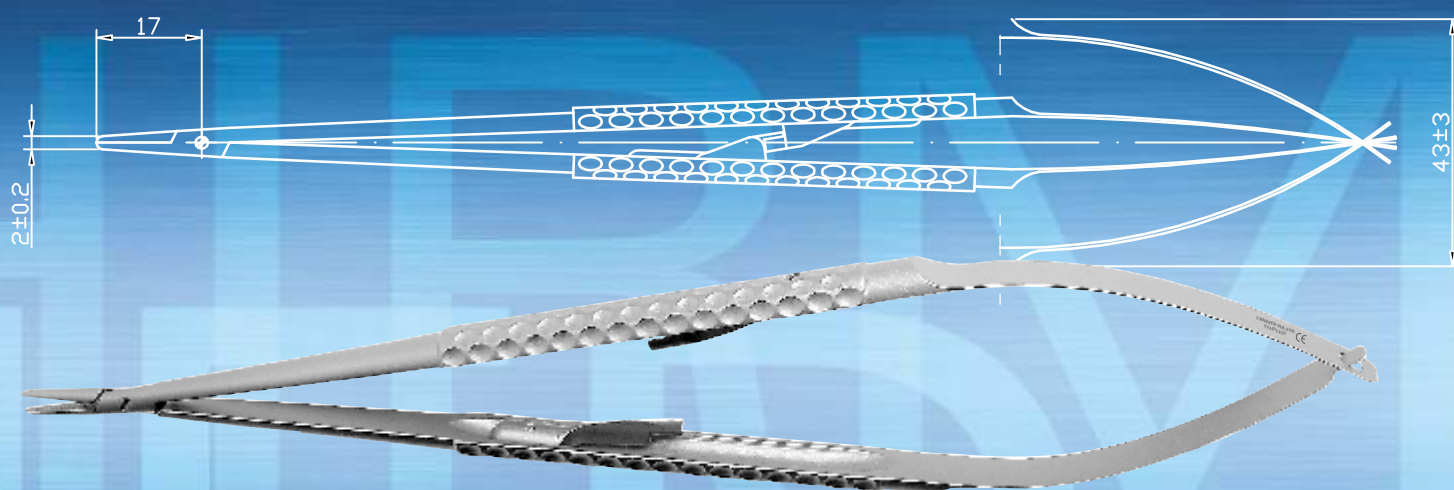
odgięty 90°
angled 90°
abgewinkelt 90°
отогнутые 90°
C



Nr Kat. Cat. Ref. Katalognummer каталожный номер	CN 82 A	CN 83 B	CN 84 A	CN 85 B	CN 86 A	CN 87 B	CN 88 C
Długość całkowita Total length Gesamtlänge общая длина	48 mm	44 mm	69 mm	64 mm	126 mm	115 mm	37 mm
Długość szczęk Length of jaws Maullänge длина челюсти	22 mm		33 mm		61 mm		33 mm

CHIRMED®

Igłotrzymacze
Needle holders
Nedelhalter
Иглодержатель



from IDEA to SOLUTION





NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

SR ZAMEK ZE STALI NIERDZEWNEJ
STAINLESS STEEL RATCHET
SPERRE AUS EDELSTAHL
ЗАМОК ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ

Długość igłotrzymacza Needle holder length	Zalecany rozmiar materiału szewnego Recommended suture size
Igłotrzymacze mikrochirurgiczne do 185 mm włącznie Microsurgical needle holders up to and including 185 mm Mikrochirurgische Nadelhalter bis einschließlich 185 mm Микрохирургические иглодержатели до 185 мм включительно	5/0 i mniejsze / 5/0 and smaller 5/0 und kleiner / 5/0 и меньше
Igłotrzymacze mikrochirurgiczne powyżej 185 mm Microsurgical needle holders above 185 mm Mikrochirurgische Nadelhalter über mehr als 185 mm Микрохирургический иглодержатель больше от 185 мм	7/0 i mniejsze / 7/0 and smaller 7/0 und kleiner / 7/0 и меньше



CASTROVIEJO

MK 87/1 MK 87/1/T
150 mm (6") TITANIUM

Szczęki Jaws Maul Пасть	0,8 mm	0,8 mm	0,5 mm	0,5 mm	0,4 mm	0,4 mm	0,2 mm	0,2 mm
Długość całkowita Total length Gesamtlänge общая длина								
150 mm (6")	MK 87/1	MK 88/1	MK 87	MK 88	MK 378	MK 380	MK 377	MK 379
150 mm (6") TITANIUM	MK 87/1/T	MK 88/1/T	MK 87/T	MK 88/T	MK 378/T	MK 380/T	MK 377/T	MK 379/T

1/1



CASTROVIEJO

MK 85 MK 85/T MK 85/T/SR
150 mm (6") 150 mm (6")
TITANIUM TITANIUM

Szczęki Jaws Maul Пасть	0,8 mm	0,8 mm	0,5 mm	0,5 mm	0,4 mm	0,4 mm	0,2 mm	0,2 mm
Długość całkowita Total length Gesamtlänge общая длина								
150 mm (6")	MK 85/1	MK 86/1	MK 85	MK 86	MK 390	MK 391	MK 392	MK 382
150 mm (6") TITANIUM	MK 85/1/T	MK 86/1/T	MK 85/T	MK 86/T	MK 390/T	MK 391/T	MK 392/T	MK 382/T
150 mm (6") TITANIUM	MK 85/1/T/SR	MK 86/1/T/SR	MK 85/T/SR	MK 86/T/SR	MK 390/T/SR	MK 391/T/SR	MK 392/T/SR	MK 382/T/SR

1/1

ZAMEK ZE STALI NIERDZEWNEJ SR
STAINLESS STEEL RATCHET
SPERRE AUS EDELSTAHL
ЗАМОК ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ

NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ



MK 82

MK 82/T
TITANIUM

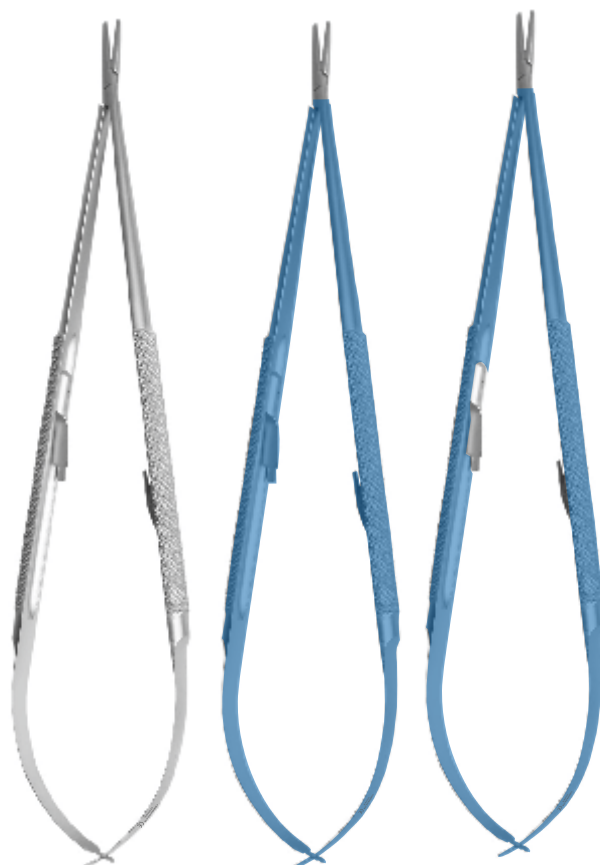
210 mm (8 1/4")



MK 397- MK 400, MK 406, MK 407 (MK 397/T- MK 400/T, MK 406/T, MK 407/T) ZAWIAS STREAMLINE
MK 397- MK 400 MK 406, MK 407 (MK 397/T- MK 400/T, MK 406/T, MK 407/T) STREAMLINE BOX LOCK
MK 397- MK 400 MK 406, MK 407 (MK 397/T- MK 400/T, MK 406/T, MK 407/T) STREAMLINE SPERRE
MK 397- MK 400 MK 406, MK 407 (MK 397/T- MK 400/T, MK 406/T, MK 407/T) СТРЕМЛАЙН ПЕТЛЯ

Szczęki Jaws Maul Пасть	1,0 mm → ←	1,0 mm → ←	0,8 mm → ←	0,8 mm → ←
Długość całkowita Total length Gesamtlänge общая длина				
150 mm (6")	MK 407			
150 mm (6")	MK 407/T			
185 mm (7 1/4") TITANIUM	MK 78	MK 80	MK 78/1	MK 80/1
185 mm (7 1/4") TITANIUM	MK 78/T	MK 80/T	MK 78/1/T	MK 80/1/T
210 mm (8 1/4")	MK 82	MK 84	MK 82/1	MK 84/1
210 mm (8 1/4") TITANIUM	MK 82/T	MK 84/T	MK 82/1/T	MK 84/1/T
230 mm (9 3/4")	MK 383	MK 384	MK 383/1	MK 384/1
230 mm (9 3/4") TITANIUM	MK 383/T	MK 384/T	MK 383/1/T	MK 384/1/T

Szczęki Jaws Maul Пасть	1,0 mm → ←	1,0 mm → ←	0,8 mm → ←	0,8 mm → ←
Długość całkowita Total length Gesamtlänge общая длина				
150 mm (6")	MK 406			
150 mm (6") TITANIUM	MK 406/T			
185 mm (7 1/4")	MK 77	MK 79	MK 77/1	MK 79/1
185 mm (7 1/4") TITANIUM	MK 77/T	MK 79/T	MK 77/1/T	MK 79/1/T
210 mm (8 1/4")	MK 81	MK 83	MK 81/1	MK 83/1
210 mm (8 1/4") TITANIUM	MK 81/T	MK 83/T	MK 81/1/T	MK 83/1/T
210 mm (8 1/4")	MK 397	MK 398	MK 399	MK 400
210 mm (8 1/4") TITANIUM	MK 397/T	MK 398/T	MK 399/T	MK 400/T
185 mm (7 1/4") TITANIUM	MK 77/T/SR	MK 79/T/SR	MK 77/1/T/SR	MK 79/1/T/SR
210 mm (8 1/4") TITANIUM	MK 81/T/SR	MK 83/T/SR	MK 81/1/T/SR	MK 83/1/T/SR
230 mm (9 3/4")	MK 385	MK 386	MK 385/1	MK 386/1
230 mm (9 3/4") TITANIUM	MK 385/T	MK 386/T	MK 385/1/T	MK 386/1/T
230 mm (9 3/4") TITANIUM	MK 385/T/SR	MK 386/T/SR	MK 385/1/T/SR	MK 386/1/T/SR



MK 77

185 mm (7 1/4")
TITANIUM

MK 77/T
TITANIUM

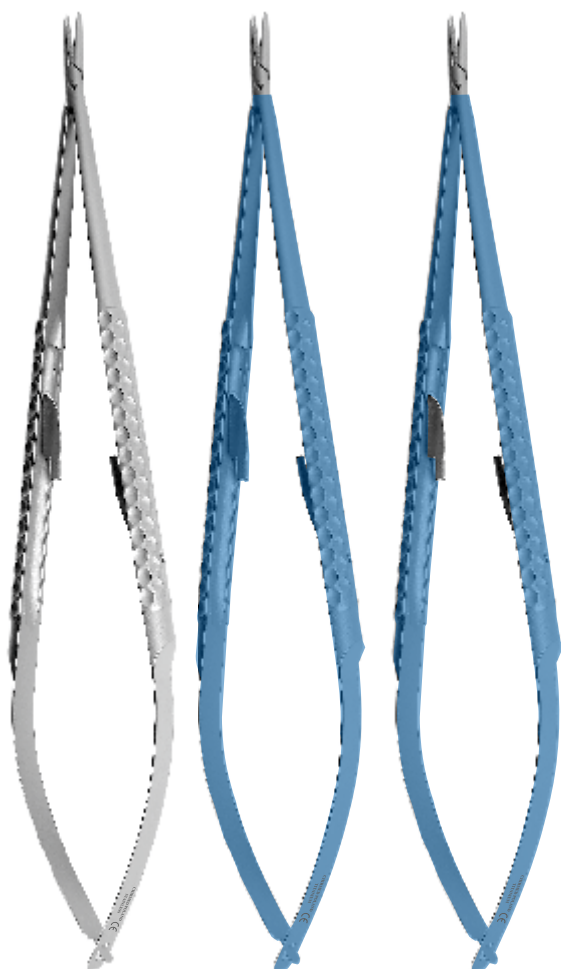
MK 77/T/SR
TITANIUM



NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

SR ZAMEK ZE STALI NIERDZEWNEJ
STAINLESS STEEL RATCHET
SPERRE AUS EDELSTAHL
ЗАМОК ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ

Szczęki Jaws Maul Пасть	 1,0 mm → ←	 1,0 mm → ←	 0,8 mm → ←	 0,8 mm → ←
Długość całkowita Total length Gesamtlänge общая длина				1/1
185 mm (7 1/4")	MK 241	MK 243	MK 241/1	MK 243/1
185 mm (7 1/4") TITANIUM	MK 241/T	MK 243/T	MK 241/1/T	MK 243/1/T
210 mm (8 1/4")	MK 245	MK 247	MK 245/1	MK 247/1
210 mm (8 1/4") TITANIUM	MK 245/T	MK 247/T	MK 245/1/T	MK 247/1/T
230 mm (8 1/4")	MK 372	MK 387	MK 372/1	MK 387/1
230 mm (8 1/4") TITANIUM	MK 372/T	MK 387/T	MK 372/1/T	MK 387/1/T



MK 240
185 mm (7 1/4")

MK 240/T
185 mm (7 1/4")
TITANIUM

MK 240/T/SR
185 mm (7 1/4")
TITANIUM

MK 241
185 mm (7 1/4")

MK 241/T
TITANIUM

Szczęki Jaws Maul Пасть	 1,0 mm → ←	 1,0 mm → ←	 0,8 mm → ←	 0,8 mm → ←
Długość całkowita Total length Gesamtlänge общая длина				1/1
185 mm (7 1/4")	MK 240	MK 242	MK 240/1	MK 242/1
185 mm (7 1/4") TITANIUM	MK 240/T	MK 242/T	MK 240/1/T	MK 242/1/T
210 mm (8 1/4")	MK 244	MK 246	MK 244/1	MK 246/1
210 mm (8 1/4") TITANIUM	MK 244/T	MK 246/T	MK 244/1/T	MK 246/1/T
185 mm (7 1/4") TITANIUM	MK 240/T/SR	MK 242/T/SR	MK 240/1/T/SR	MK 242/1/T/SR
210 mm (8 1/4") TITANIUM	MK 244/T/SR	MK 246/T/SR	MK 244/1/T/SR	MK 246/1/T/SR
230 mm (8 1/4")	MK 388	MK 389	MK 388/1	MK 389/1
230 mm (8 1/4") TITANIUM	MK 388/T	MK 389/T	MK 388/1/T	MK 389/1/T
230 mm (8 1/4") TITANIUM	MK 388/T/SR	MK 389/T/SR	MK 388/1/T/SR	MK 389/1/T/SR

ZAMEK ZE STALI NIERDZEWNEJ SR
STAINLESS STEEL RATCHET
SPERRE AUS EDELSTAHL
ЗАМОК ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ

NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

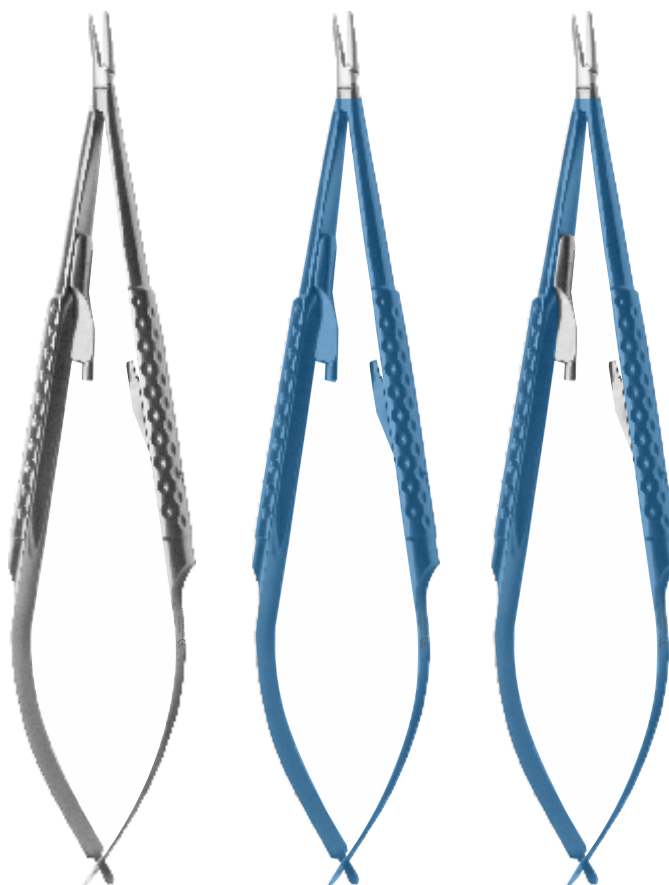


MK 302
150 mm (6")

MK 302/T
TITANIUM

Szczęki Jaws Maul Пасть	 0,8 mm → ←	 0,8 mm → ←
Długość całkowita Total length Gesamtlänge общая длина		
150 mm (6")	MK 302	MK 303
150 mm (6") TITANIUM	MK 302/T	MK 303/T

Szczęki Jaws Maul Пасть	 0,8 mm → ←	 0,8 mm → ←
Długość całkowita Total length Gesamtlänge общая длина		
150 mm (6")	MK 293	MK 294
150 mm (6") TITANIUM	MK 293/T	MK 294/T
150 mm (6") TITANIUM	MK 293/T/SR	MK 294/T/SR











MK 294
150 mm (6")

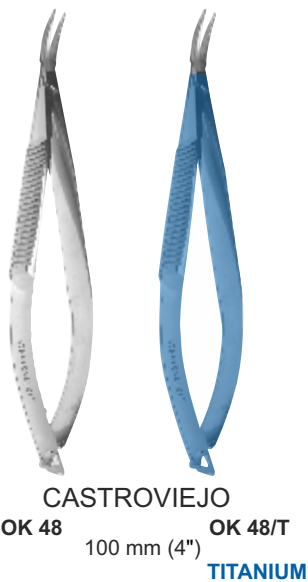
MK 294/T
TITANIUM

MK 294/T/SR
150 mm (6")
TITANIUM



NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

					
Szczęki Jaws Maul Пасть	1,0 mm → ←	1,0 mm → ←		0,5 mm → ←	0,5 mm → ←
					
Długość całkowita Total length Gesamtlänge общая длина					
100 mm (4")	OK 52	OK 48		150 mm (6")	MK 323
100 mm (4") TITANIUM	OK 52/T	OK 48/T		150 mm (6") TITANIUM	MK 323/T
					MK 324
					MK 324/T

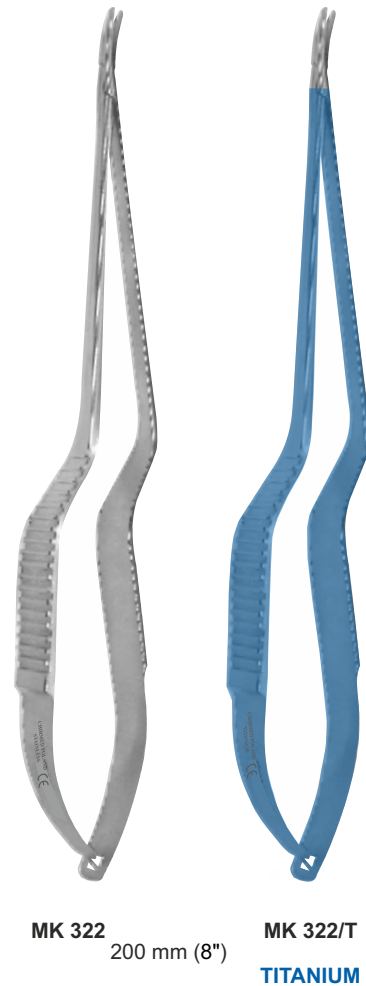


NASYP DIAMENTOWY
 DIAMOND COATED
 DIAMANTBESCHICHTUNG
 АЛМАЗНОЕ ПОКРЫТИЕ



Szczęki Jaws Maul Пасть	 0,7 mm ↔	 0,7 mm ↔
Długość całkowita Total length Gesamtlänge общая длина		
178 mm (7")	MK 314	MK 315
178 mm (7") TITANIUM	MK 314/T	MK 315/T

Szczęki Jaws Maul Пасть	 1,0 mm ↔	 1,0 mm ↔
Długość całkowita Total length Gesamtlänge общая длина		
200 mm (8")	MK 328	MK 322
200 mm (8") TITANIUM	MK 328/T	MK 322/T



1,2 mm


smooth
 gładka


 1/1

do szwów 9/0-11/0
 for sutures 9/0-11/0
 für Nahtmaterial bis 9/0-11/0
 до швов до 9/0-11/0



MK 371/TC
 230 mm (9")

1,5 mm



 1/1

t=0,5
 do szwów do 3/0
 for sutures up to 3/0
 für Nahtmaterial bis 3/0
 до швов до 3/0



MAYO-HEGAR
CO 530
 150 mm (6")

2,0 mm


 1/1

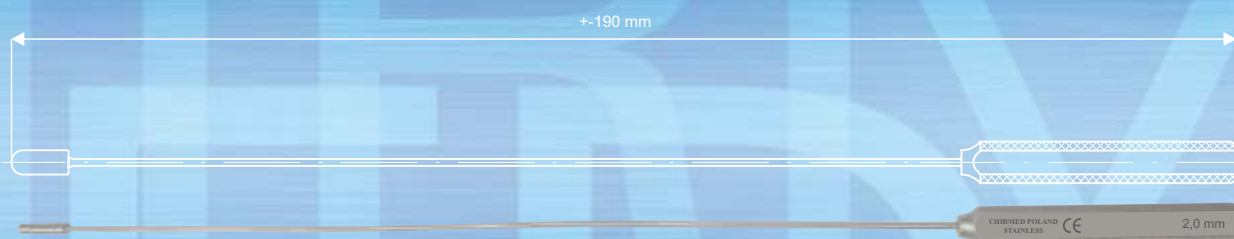
t=0,5
 do szwów do 3/0
 for sutures up to 3/0
 für Nahtmaterial bis 3/0
 до швов до 3/0



MAYO-HEGAR
CO 531
 160 mm (6 1/3")

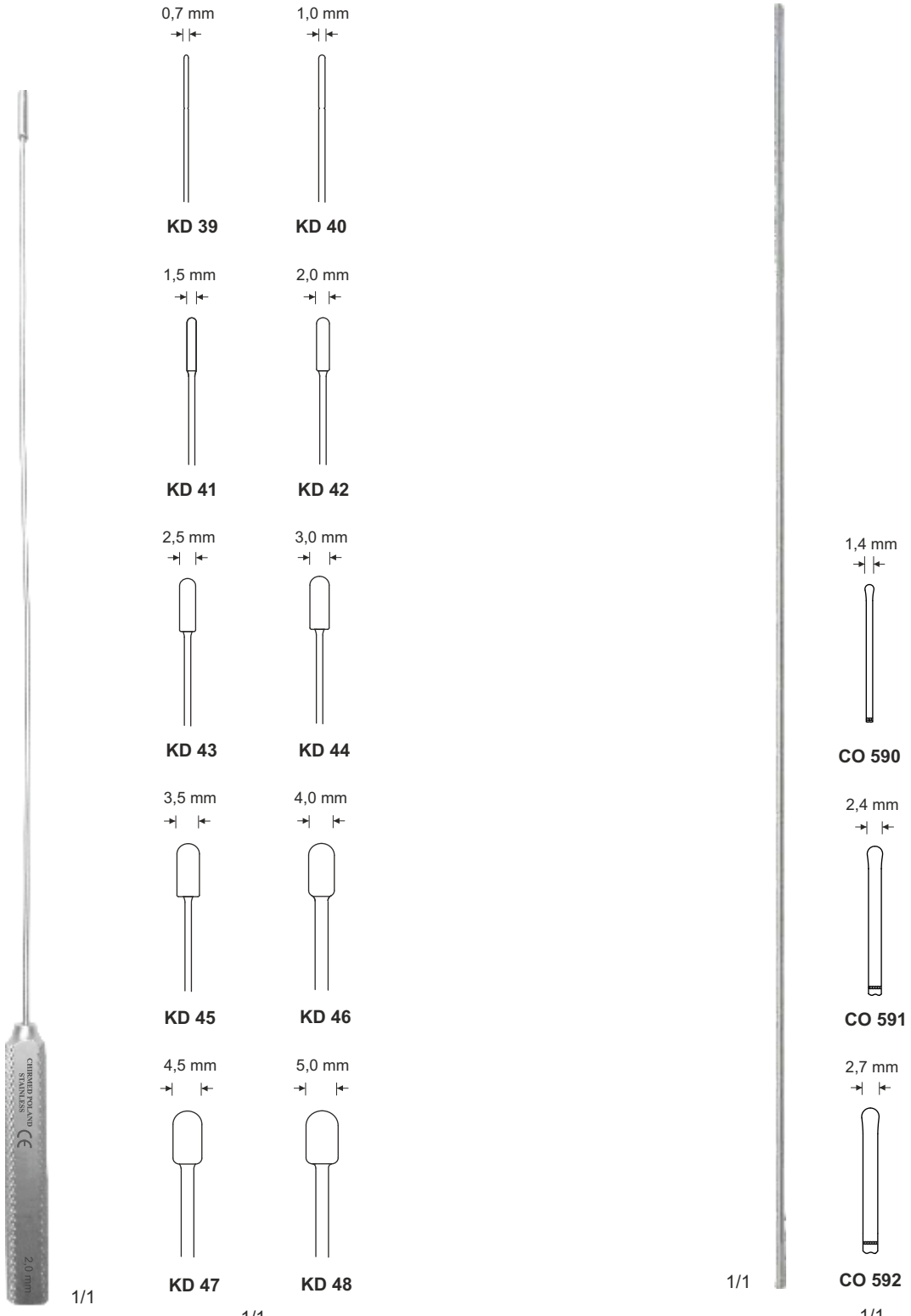
CHIRMED®

Sondy naczyniowe, sondy proktologiczne
Vessel dilators, proctology probes
Gefäßdilatoren, proktologische Sonden
Расширители сосудов, проктологические зонды



from IDEA to SOLUTION



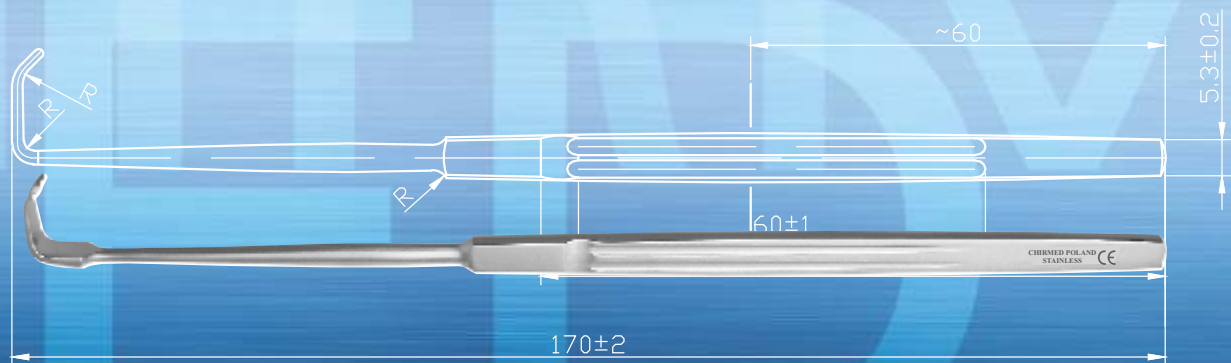


KD 39 - KD 48
 190 mm (7 1/2")

CO 590 - CO 592
 200 mm (8")

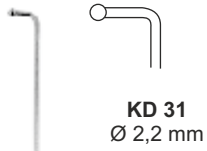
CHIRMED®

Haki
Retractors
Wundhaken
Ретракторы



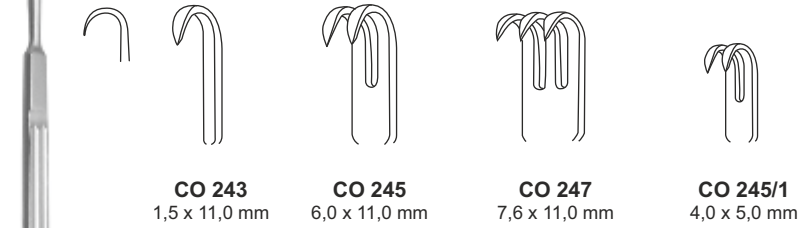
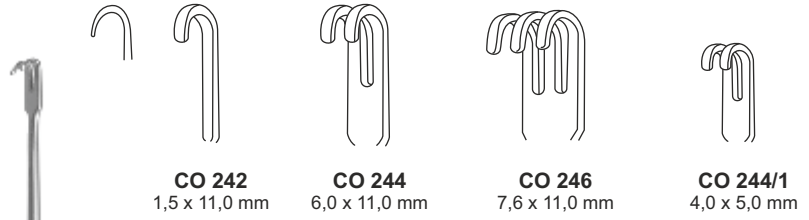
from IDEA to SOLUTION



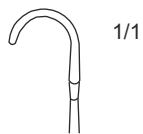
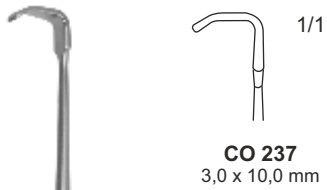


1/2

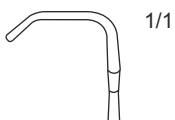
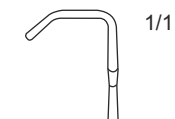
KD 31
220 mm (8 3/4")



CO 244
170 mm (6 3/4")



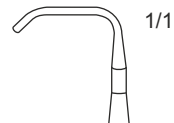
CO 238
4,0 x 13,0 mm



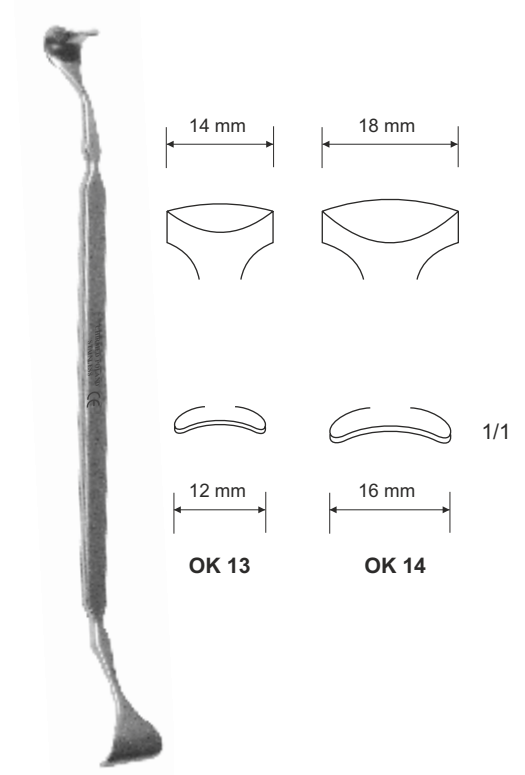
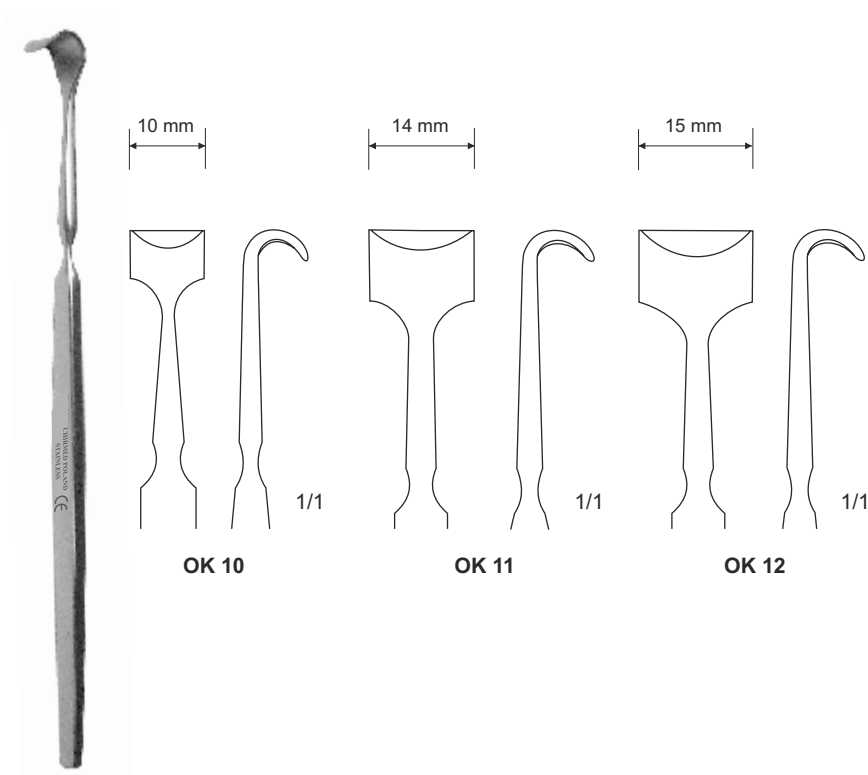
CO 239
170 mm (6 3/4")



CO 240
150 mm (6")



CO 240
150 mm (6")

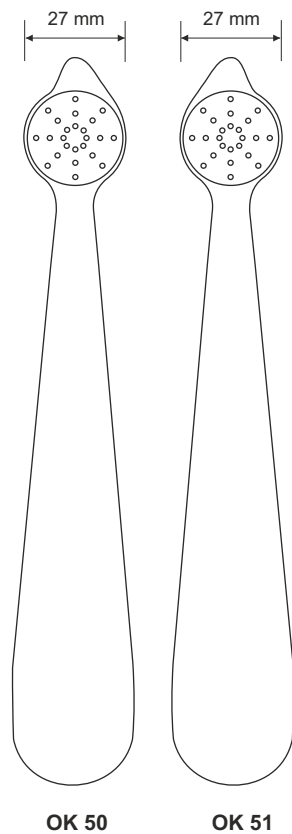


DESMARES
OK 10 - OK 12
140 mm (5 1/2")

ROSTKOWSKI
OK 13 - OK 14
140 mm (5 1/2")

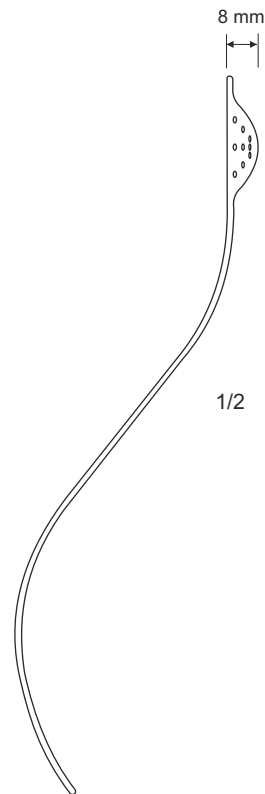


OK 50
190 mm (7 1/2")

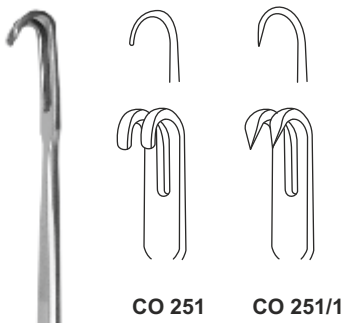


OK 50

OK 51

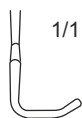
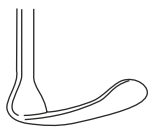


1/2



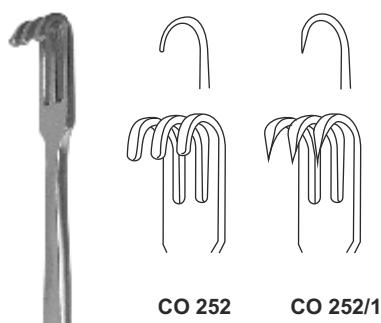
CO 251 CO 251/1

1/1



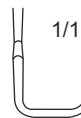
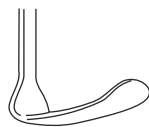
5 x 10 mm

CO 251
170 mm (6 3/4")



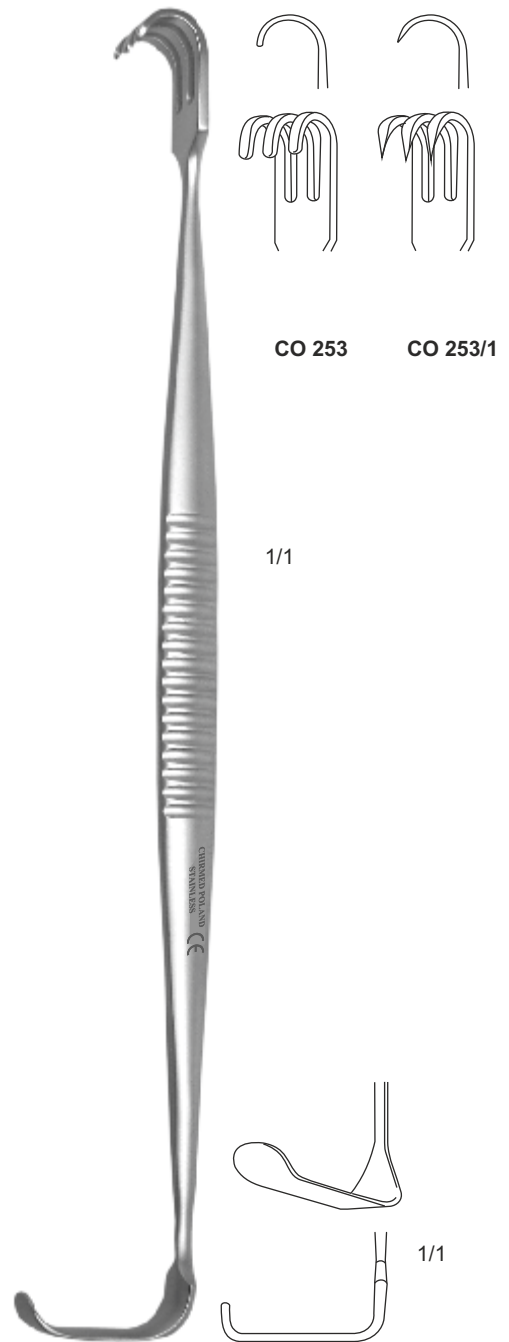
CO 252 CO 252/1

1/1



5 x 13 mm

CO 252
170 mm (6 3/4")



CO 253 CO 253/1

1/1



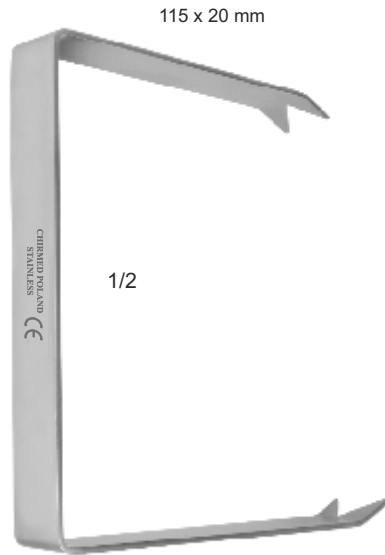
7 x 20 mm

CO 253
175 mm (7")

1/1



ST 108
220 mm (8 3/4")



115 x 20 mm

1/2

135 x 20 mm

ST 112/K
140 mm (5 1/2")



34 x 10 mm

1/2

28 x 10 mm

ST 112
120 mm (4 3/4")



34 x 15 mm

1/2

28 x 15 mm

ST 112/M
140 mm (5 1/2")



34 x 10 mm

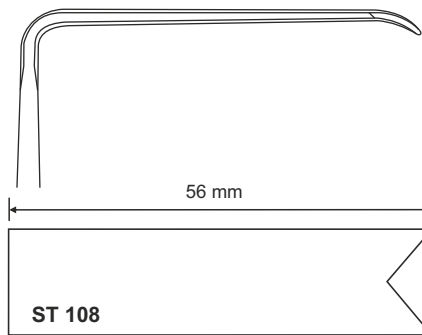
1/2

34 x 10 mm

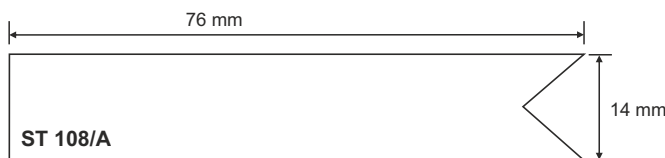
ST 112/A
120 mm (4 3/4")

FARABEUF

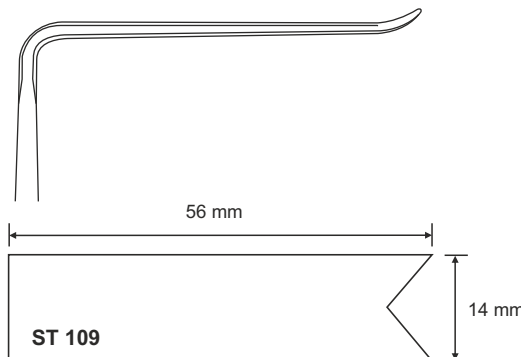
ST 112/N
120 mm (4 3/4")



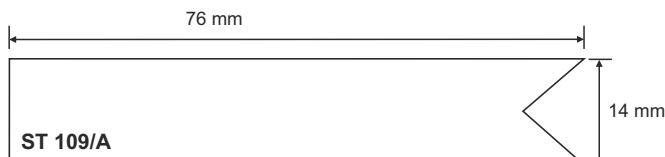
ST 108



ST 108/A



ST 109

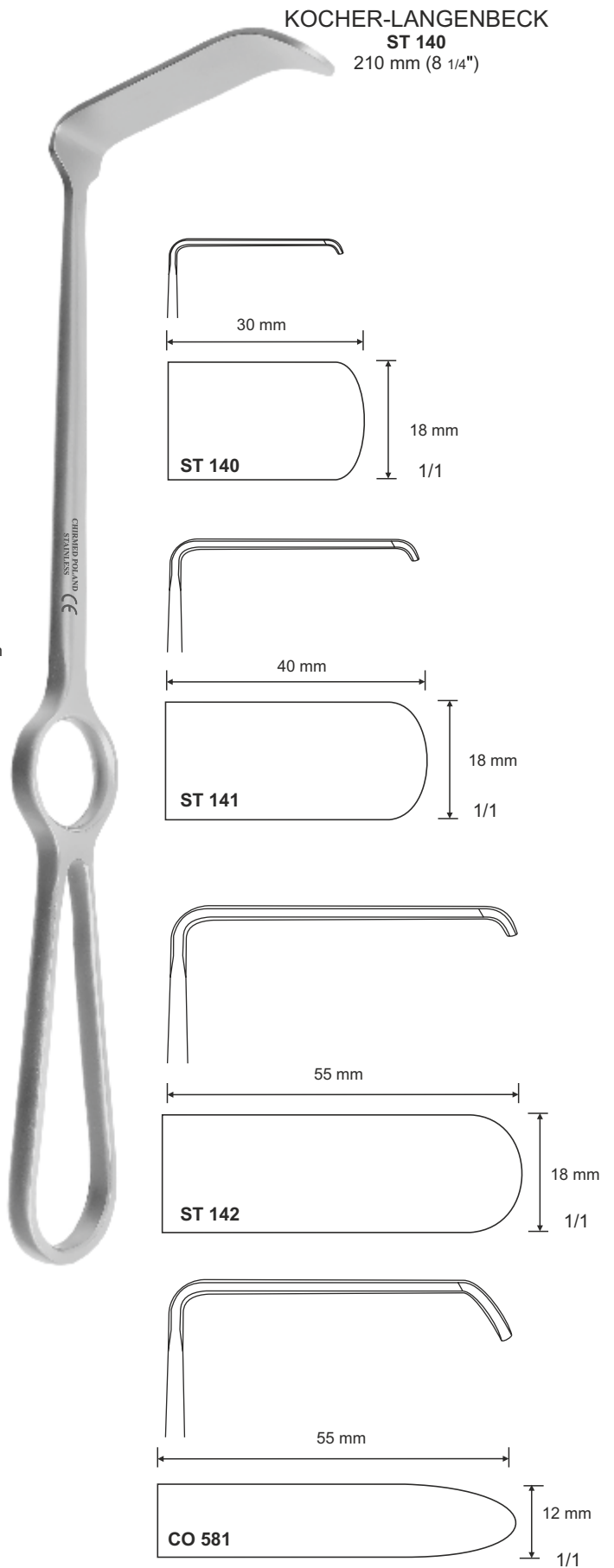
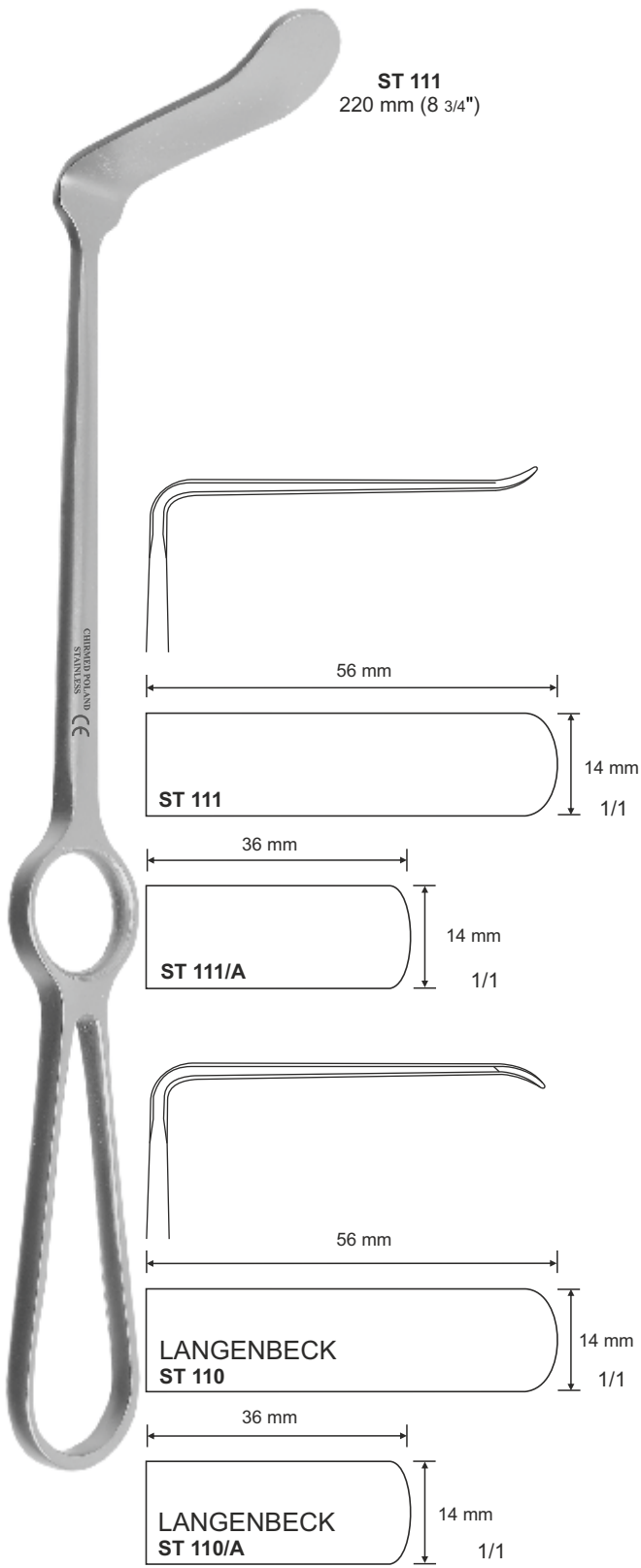


ST 109/A

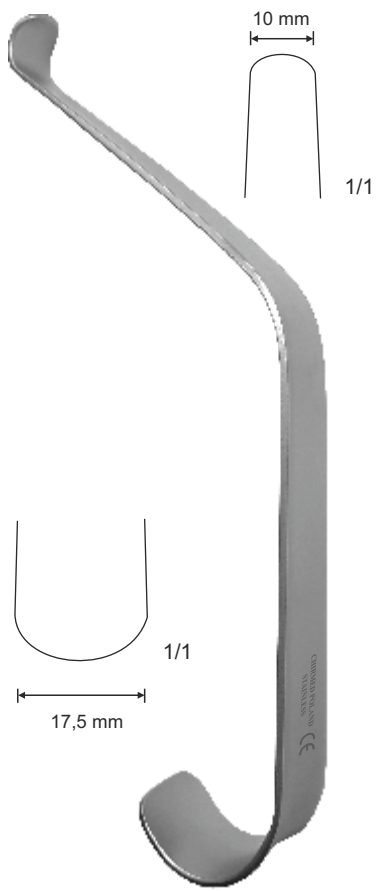


CO 207
100 mm (4")

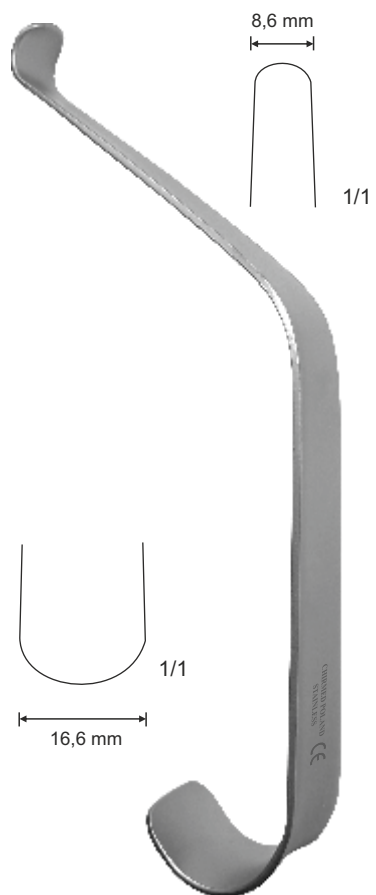
CO 208
120 mm (4 3/4")



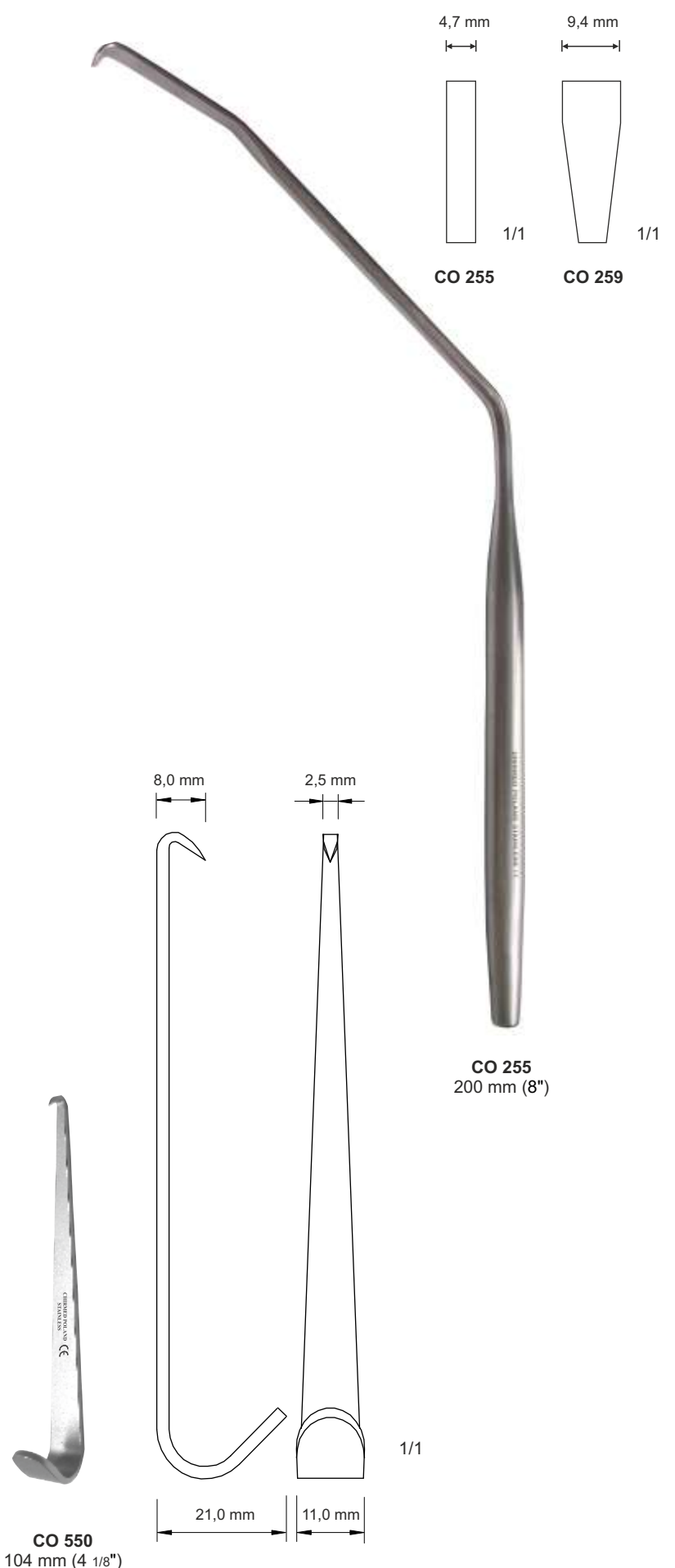
OBWEGESER

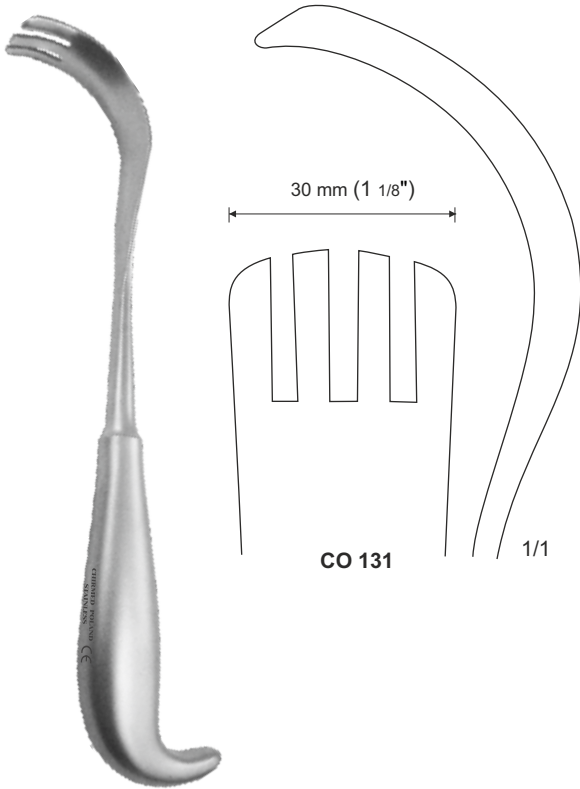


ST 119
150 mm (6")

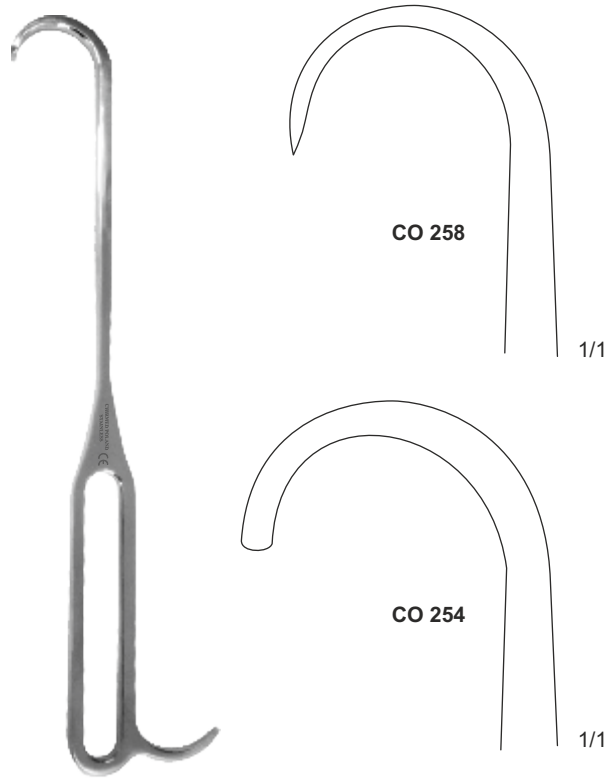


ST 120
150 mm (6")

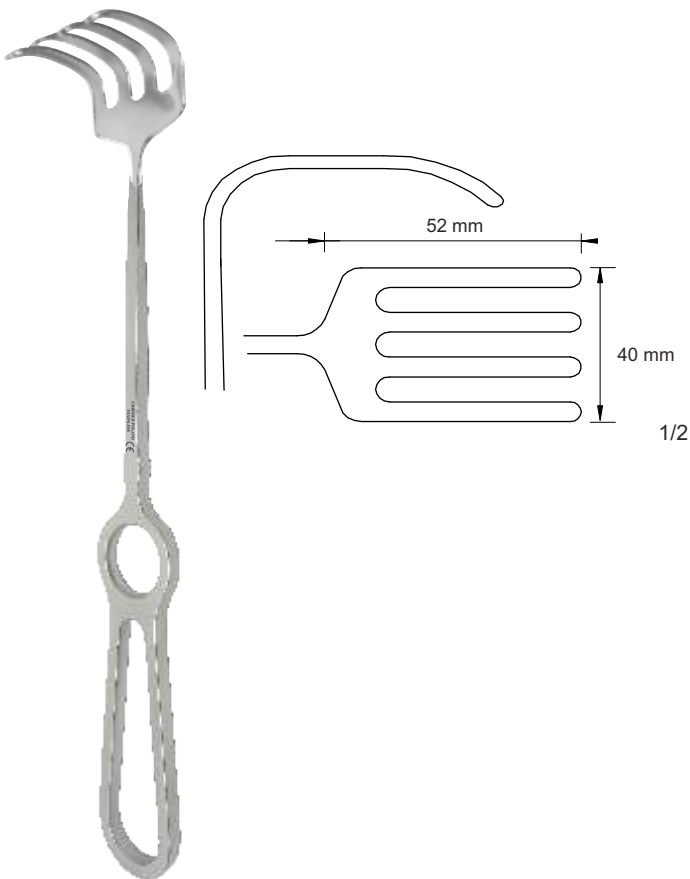




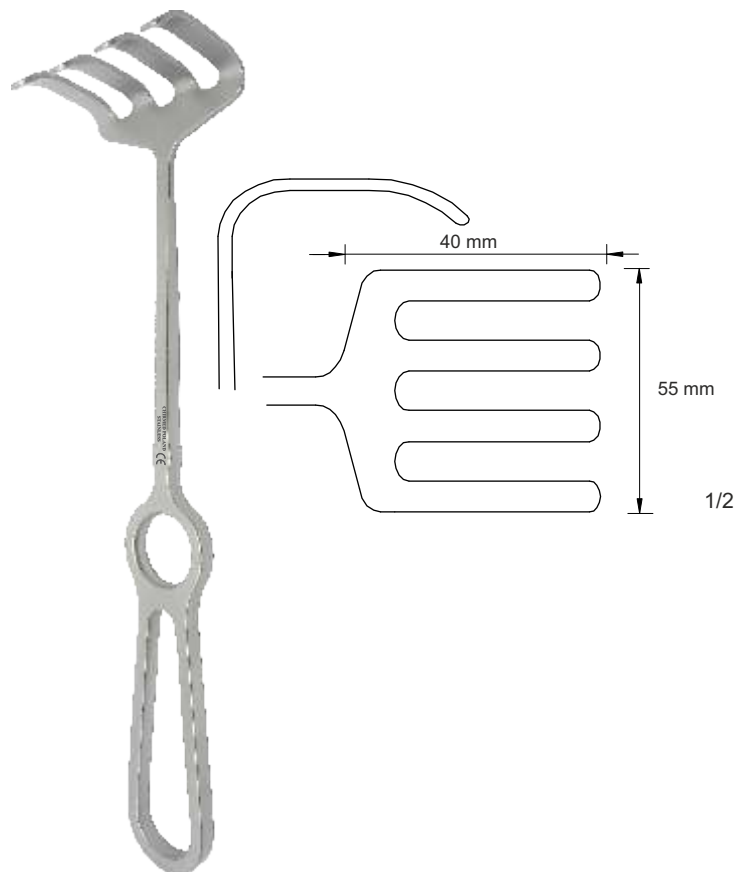
SEMBO
CO 131
280 mm (11 1/4")



LAMBOTTE
CO 254
275 mm (10 3/4")



CO 551
230 mm (9 1/8")



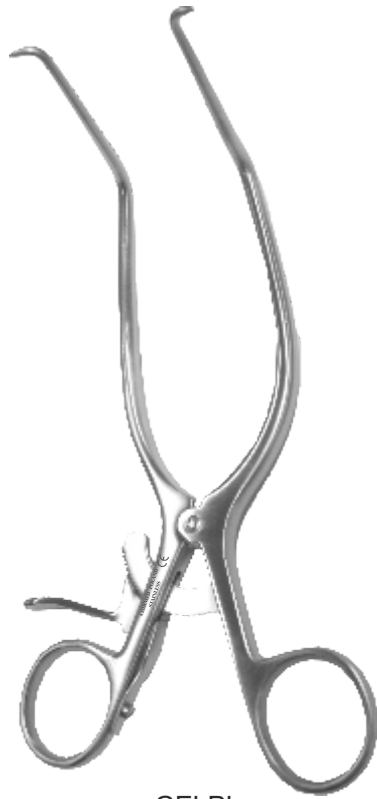
OLLIER
CO 582
280 mm (11 1/4")

CHIRMED®

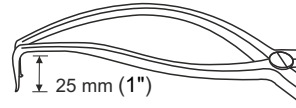
Rozwieracze do ran, haki brzuszne
Self-Retaining Retractors, Abdominal Retractors
Wundspreizer, Bauchdeckenhalter
Самоудерживающийся Ретракторы, Ретракторы Брюшной



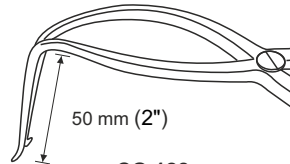
from IDEA to SOLUTION



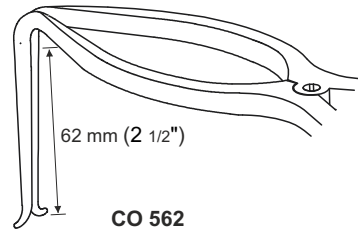
GELPI



CO 127
170 mm (6 3/4")



CO 128
150 mm (6")



CO 562
150 mm (6")



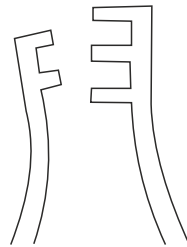
WEITLANER



A
2x3
ząbki/ prongs/ zähne/ зубы

CO 400
105 mm (4 1/8")
tępe/ blunt/ stumpf/ тупые

CO 401
105 mm (4 1/8")
ostre/ sharp/ spitz/ острые



B
3x4
ząbki/ prongs/ zähne/ зубы

CO 402
130 mm (5 1/8")
tępe/ blunt/ stumpf/ тупые

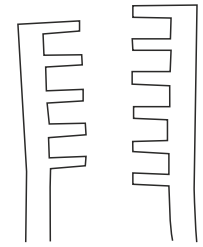
CO 403
130 mm (5 1/8")
ostre/ sharp/ spitz/ острые

CO 404
165 mm (6 1/2")
tępe/ blunt/ stumpf/ тупые

CO 405
165 mm (6 1/2")
ostre/ sharp/ spitz/ острые

CO 406
200 mm (8")
tępe/ blunt/ stumpf/ тупые

CO 407
200 mm (8")
ostre/ sharp/ spitz/ острые



C
4x5
ząbki/ prongs/ zähne/ зубы

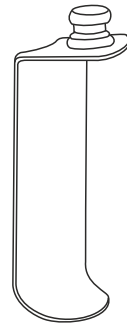
CO 408
250 mm (10")
tępe/ blunt/ stumpf/ тупые

CO 409
250 mm (10")
ostre/ sharp/ spitz/ острые



CASPAR
CO 166
210 mm (8 1/4")

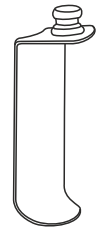
BRANSZE TEPE
/BLUNT BLADES
/STUMPFE BLÄTTER
/КРЮКИ ТУПЫЕ



długość
length (in)
länge
длина

45 x 20 mm	CO 155
45 x 20 mm TITANIUM	CO 155/T
50 x 20 mm	CO 156
50 x 20 mm TITANIUM	CO 156/T
55 x 20 mm	CO 157
55 x 20 mm TITANIUM	CO 157/T
60 x 20 mm	CO 158
60 x 20 mm TITANIUM	CO 158/T
65 x 20 mm	CO 159
65 x 20 mm TITANIUM	CO 159/T

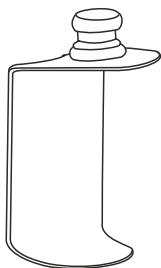
BRANSZE TEPE
/BLUNT BLADES
/STUMPFE BLÄTTER
/КРЮКИ ТУПЫЕ



długość
length (in)
länge
длина

20 x 10 mm	CO 540
20 x 10 mm TITANIUM	CO 540/T
25 x 10 mm	CO 541
25 x 10 mm TITANIUM	CO 541/T

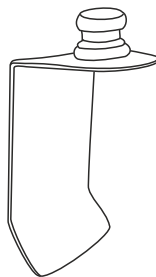
BRANSZE TEPE
/BLUNT BLADES
/STUMPFE BLÄTTER
/КРЮКИ ТУПЫЕ



długość
length (in)
länge
длина

45 x 35 mm	CO 554
45 x 35 mm TITANIUM	CO 554/T
65 x 35 mm	CO 555
65 x 35 mm TITANIUM	CO 555/T

BRANSZE TEPE
/BLUNT BLADES
/STUMPFE BLÄTTER
/КРЮКИ ТУПЫЕ



długość
length (in)
länge
длина

50 x 40 mm	CO 566
50 x 40 mm TITANIUM	CO 566/T
70 x 40 mm	CO 567
70 x 40 mm TITANIUM	CO 567/T

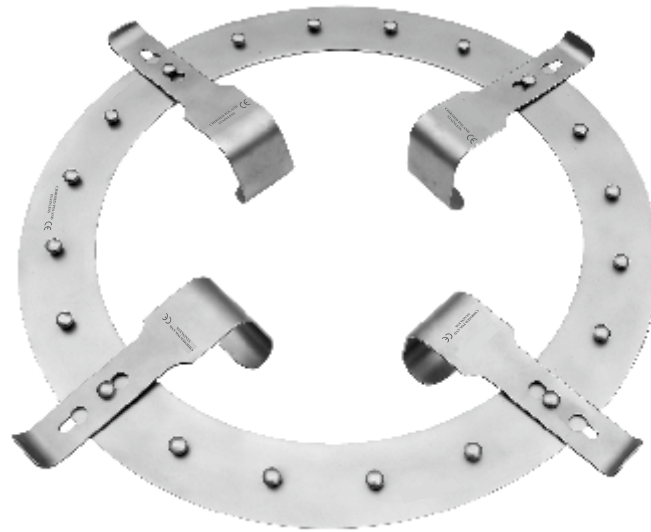


CASPAR
CO 553
210 mm (8 1/4")

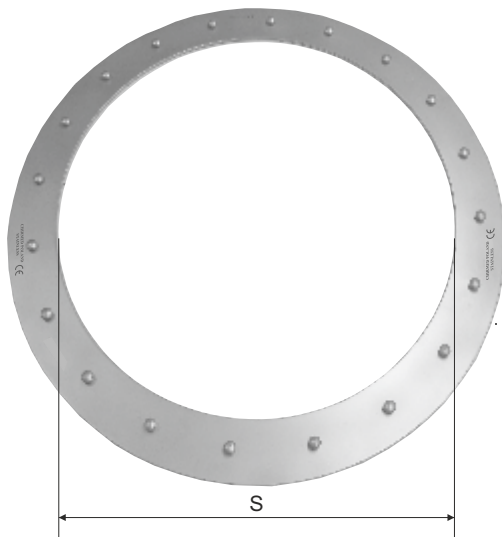
	BRANSZE ŚRODKOWE /MEDIAL BLADES /MITTELBLÄTTER /КРЮКИ ЦЕНТРАЛЬНЫЙ	BRANSZE BOCZNE /LATERAL BLADES /SEITENBLÄTTER /КРЮКИ СТОРОНА	BRANSZE TEPE /BLUNT BLADES /STUMPFE BLÄTTER /КРЮКИ ТУПЫЕ	BRANSZE TEPE V /V-BLUNT BLADES /STUMPFE V BLÄTTER /КРЮКИ ТУПЫЕ V
długość length (in) länge длина				
45 x 20 mm	CO 145	CO 150	CO 155	CO 160
45 x 20 mm TITANIUM	CO 145/T	CO 150/T	CO 155/T	CO 160/T
50 x 20 mm	CO 146	CO 151	CO 156	CO 161
50 x 20 mm TITANIUM	CO 146/T	CO 151/T	CO 156/T	CO 161/T
55 x 20 mm	CO 147	CO 152	CO 157	CO 162
55 x 20 mm TITANIUM	CO 147/T	CO 152/T	CO 157/T	CO 162/T
60 x 20 mm	CO 148	CO 153	CO 158	CO 163
60 x 20 mm TITANIUM	CO 148/T	CO 153/T	CO 158/T	CO 163/T
65 x 20 mm	CO 149	CO 154	CO 159	CO 164
65 x 20 mm TITANIUM	CO 149/T	CO 154/T	CO 159/T	CO 164/T



CASPAR
 CO 140
 S=120 mm
 CO 141
 S= 200 mm



Zestaw podstawowy zawiera:
The basic set includes:
Das Basis-Set beinhaltet:
Базовый комплект включает в себя:
1 x CO 303,
4 x CO 304,
4 x CO 305.

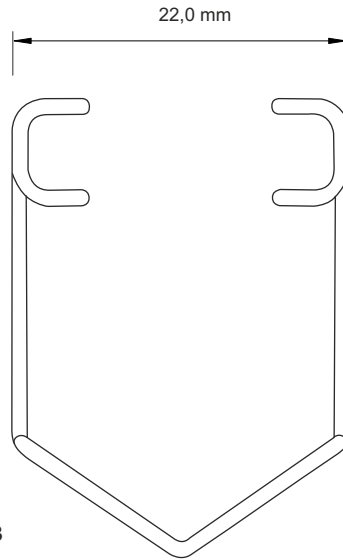


CO 303/1 S = 290 mm (11 1/2")
CO 303 S = 310 mm (12 1/4")
CO 303/2 S = 400 mm (15 3/4")
CO 303/3 S = 280 mm (11 1/4")
CO 303/4 S = 300 mm (12 1/8")
CO 303/5 S = 390 mm (15 1/2")

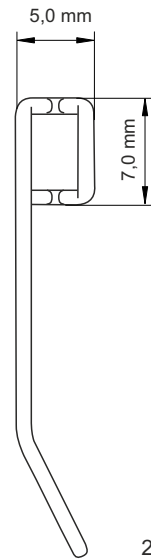
model A		model B	
dlugość length (in) länge длина		dlugość length (in) länge длина	
	65 mm		65 mm
CO 304 45x65 mm		CO 305/1 45x65 mm	
CO 304/1 65x65 mm			
	80 mm		80 mm
CO 304/2 65x80 mm		CO 305/2 45x80 mm	
	117 mm		117 mm
CO 304/3 45x117 mm		CO 305 45x117 mm	



OK 53



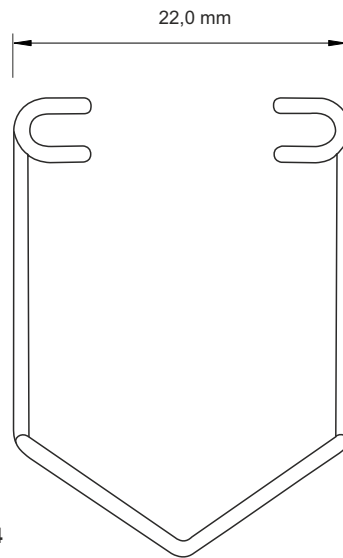
OK 53



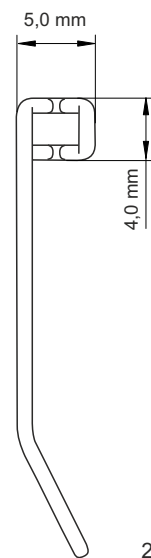
2/1



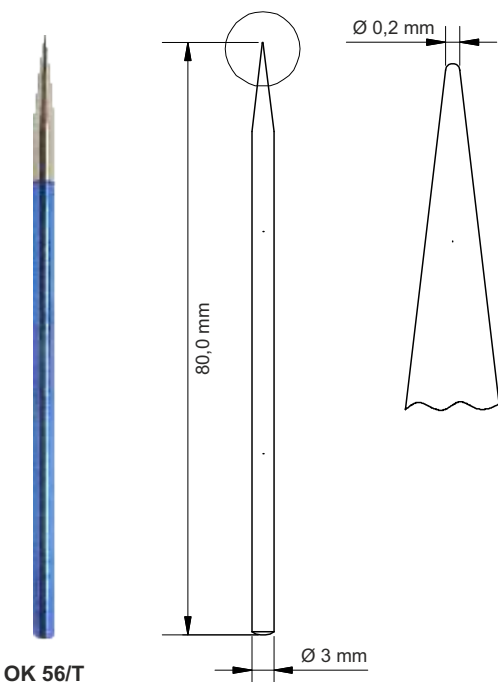
OK 54



OK 54

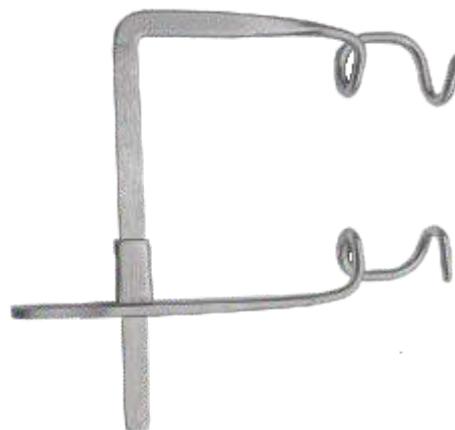


2/1

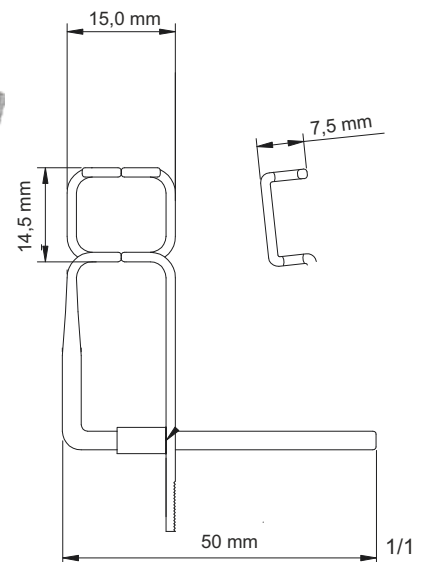


OK 56/T

10/1



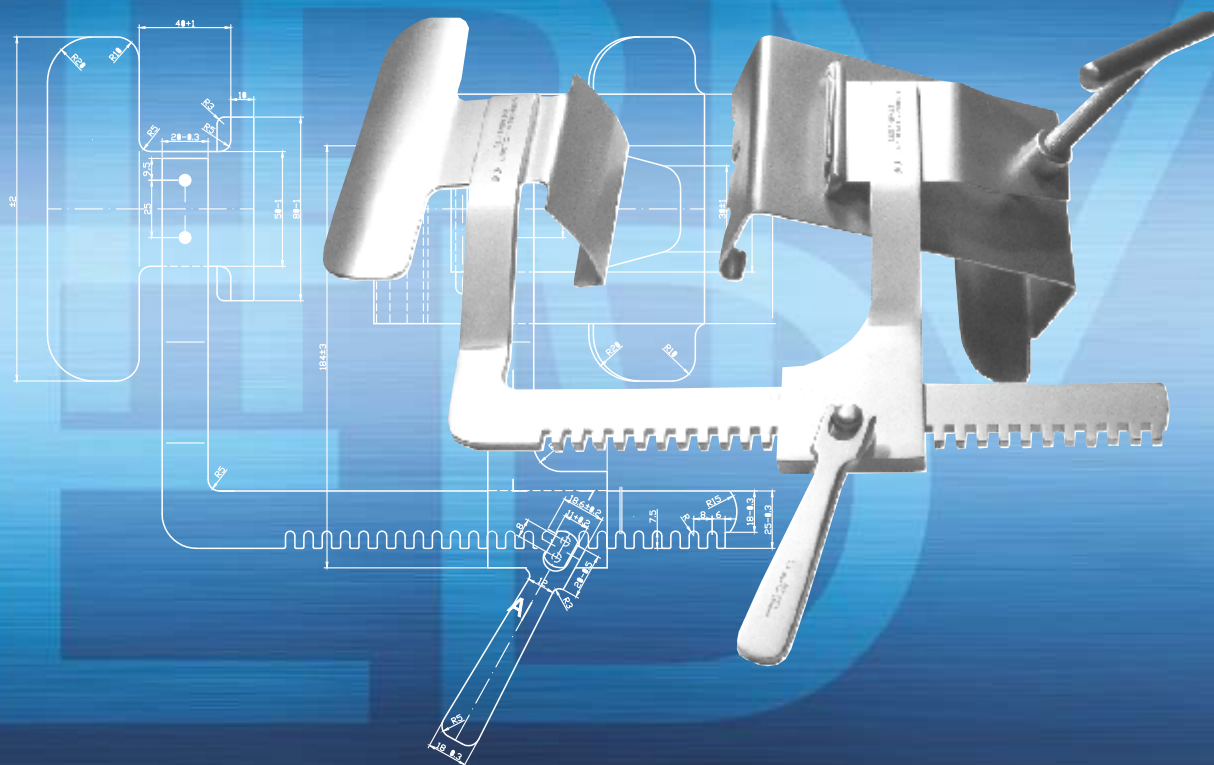
OK 70



1/1

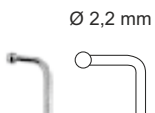
CHIRMED®

Kardio i torakochirurgia
Cardiovascular and Thoracic Surgery
Herz-, Thorax- und Gefäß-Chirurgie
Сердечно-сосудистая и торакальная хирургия



from IDEA to SOLUTION



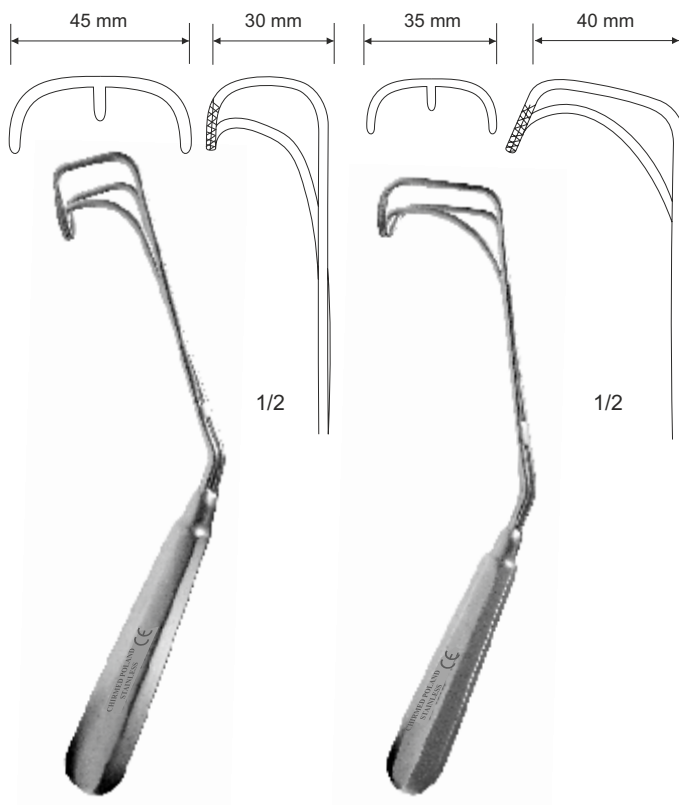


KD 31
222 mm (8 3/4")



KD 20
235 mm (9")

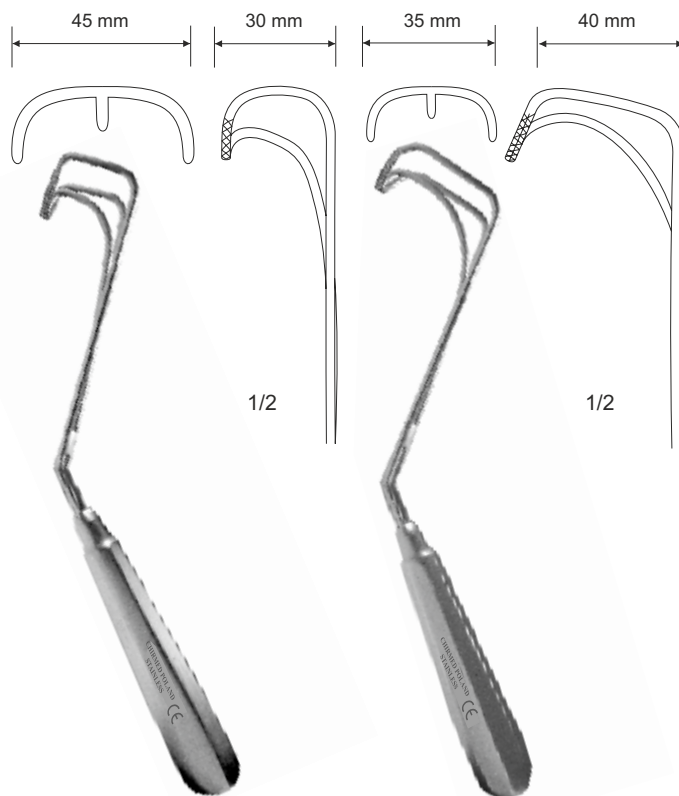
Prawy/ Right/ Recht/ Право



KD 16
245 mm (9 3/5")

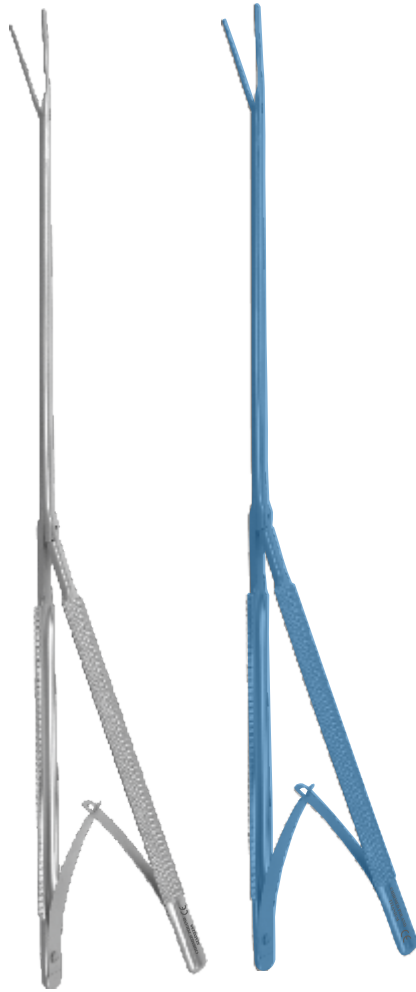
KD 17
245 mm (9 3/5")

Lewy/ Left/ Links/ Левый



KD 18
245 mm (9 3/5")

KD 19
245 mm (9 3/5")



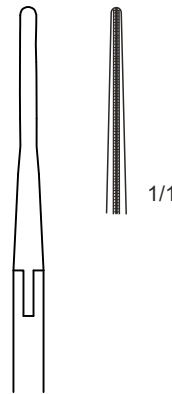
DE BAKEY
MK 200

DE BAKEY
MK 200/T
TITANIUM

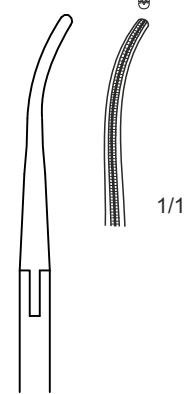
Czubki
Tips
Spitzen
Кончик

Długość całkowita
Total length
Gesamtlänge
общая длина

1,5 mm
→ | ←



1,5 mm
→ | ←



360 mm (14 1/4")

MK 200

MK 202

360 mm (14 1/4")
TITANIUM

MK 200/T

MK 202/T

414 mm (16 1/4")

MK 201

MK 203

414 mm (16 1/4")
TITANIUM

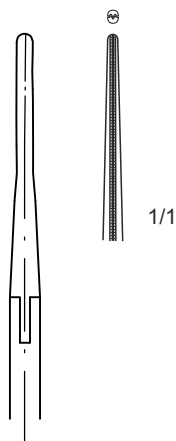
MK 201/T

MK 203/T

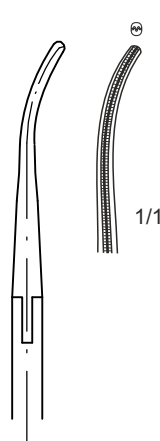
Czubki
Tips
Spitzen
Кончик

Długość całkowita
Total length
Gesamtlänge
общая длина

1,5 mm
→ | ←



1,5 mm
→ | ←



360 mm (14 1/4")

MK 306

MK 308

360 mm (14 1/4")
TITANIUM

MK 306/T

MK 308/T

414 mm (16 1/4")

MK 307

MK 309

414 mm (16 1/4")
TITANIUM

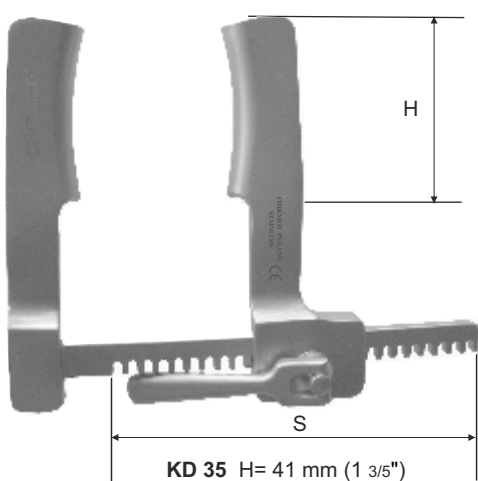
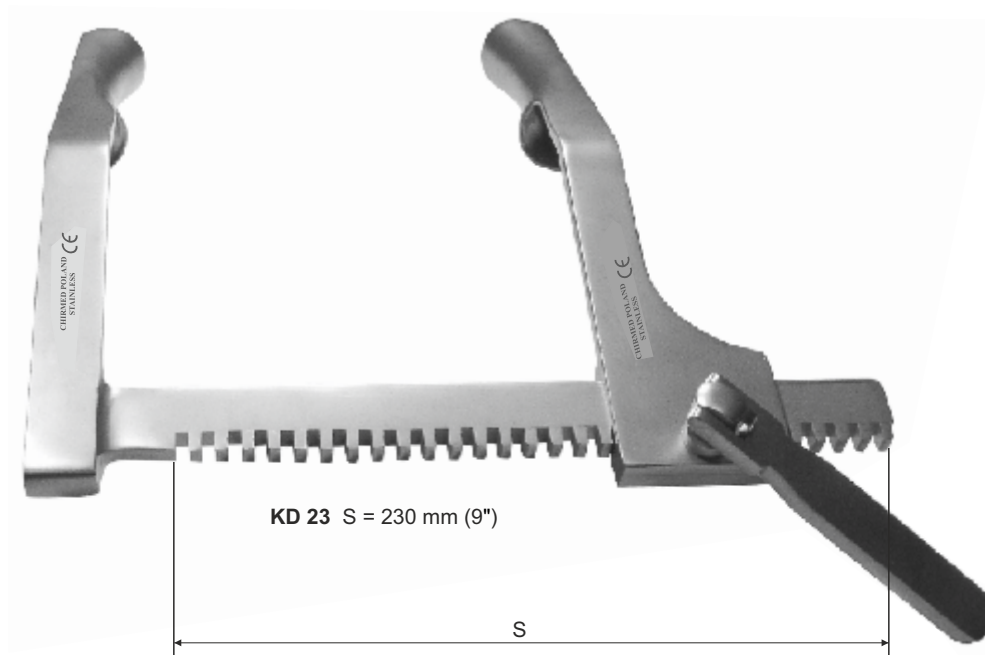
MK307/T

MK 309/T



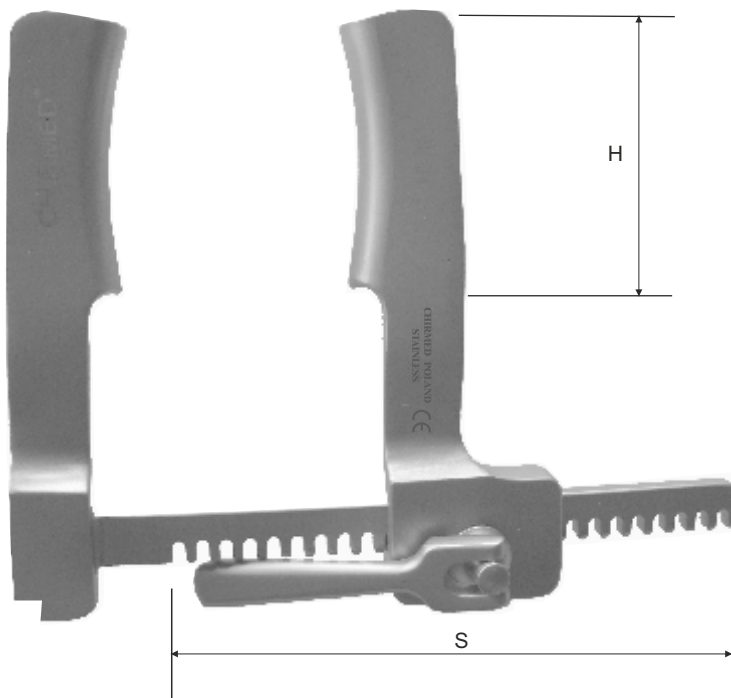
DE BAKEY
MK 306

DE BAKEY
MK 306/T
TITANIUM

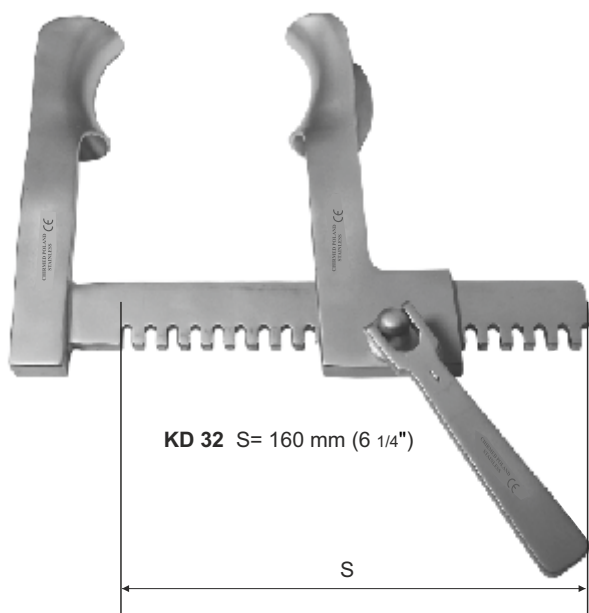


KD 35 H= 41 mm (1 3/5")
S= 90 mm (3 1/2")

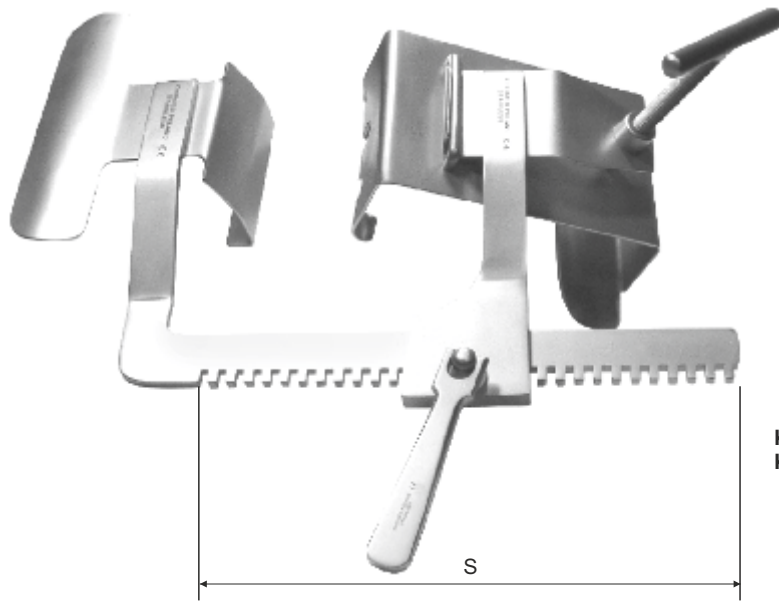
KD 36 H= 29 mm (1")
S= 90 mm (3 1/2")



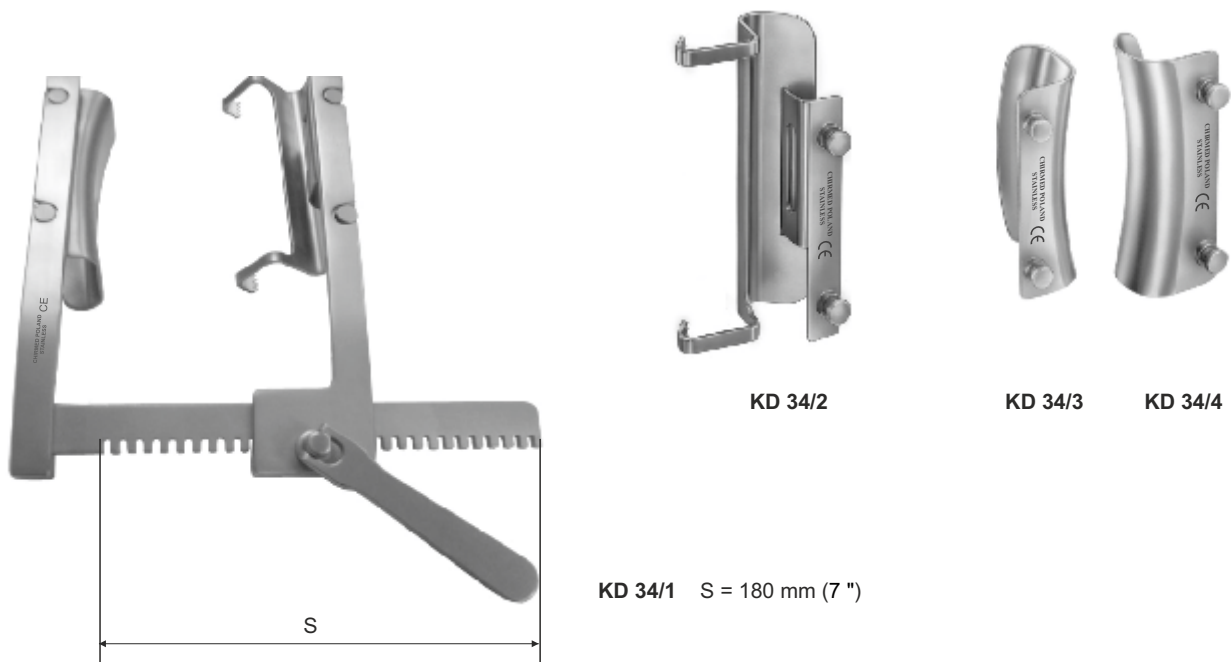
KD 81 H= 62 mm (2 1/2")
S= 165 mm (6 1/2")



KD 32 S= 160 mm (6 1/4")



KD 21 S = 190 mm (7 1/2")
KD 22 S = 240 mm (9 1/2")



KD 34/1 S = 180 mm (7 ")

Nr Kat. Cat. Ref. Kat. Nr Каталог товаров	Opis Descriptions Beschreibung Описание
KD 34/2	Bransza do Mammarii komplet - lewa i prawa bransza trzymająca Mammaria Blade set with left and right holding blades
KD 34/3	Bransza do mostka 30 x 100 mm - 1 para Strernum Blades 30 x 100 mm - 1 pair
KD 34/4	Bransza do mostka 40 x 100 mm - 1 para Strernum Blades 40 x 100 mm - 1 pair



KD 70 + KD 76



**KD 70 - 190 mm
KD 71 - 220 mm**

**Prowadnik
Introducer
Einführungsstift
Интродуктор**



**KD 72
40 x 35 mm**



**KD 73
50 x 35 mm**



**KD 74
60 x 35 mm**



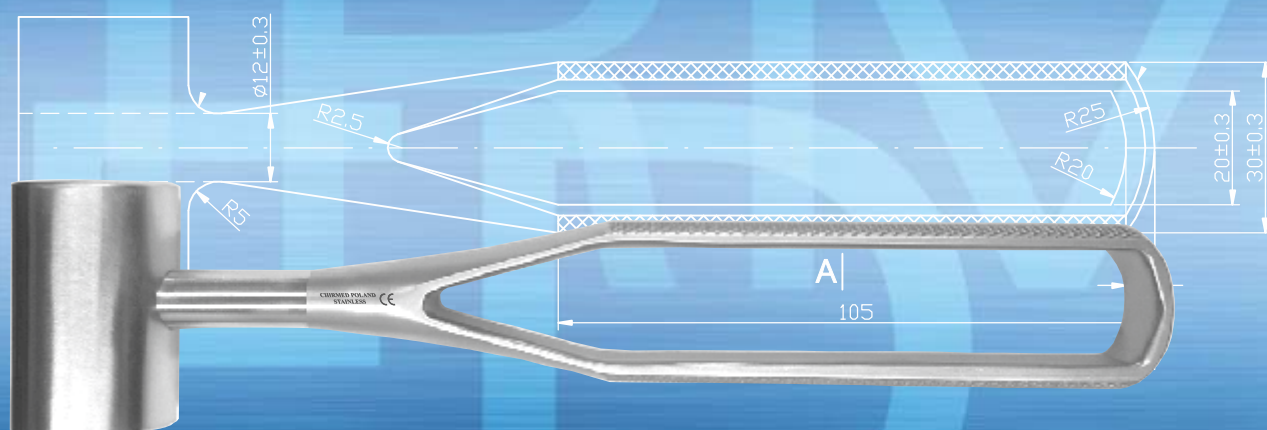
**KD 77
50 x 45 mm**



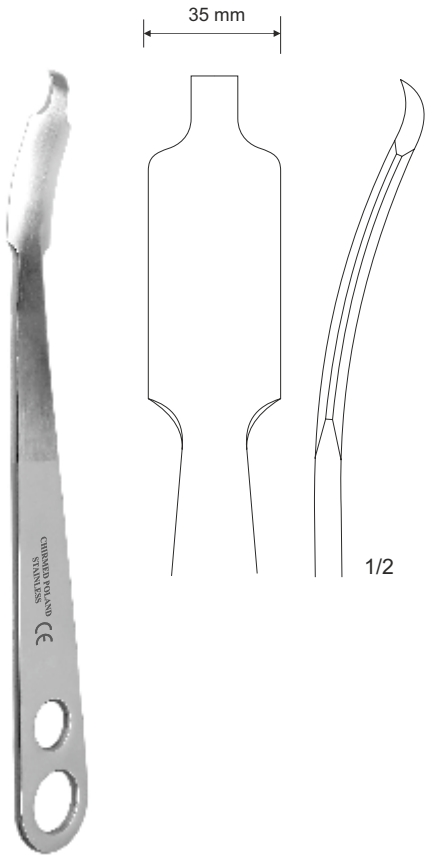
**KD 75
60 x 45 mm**



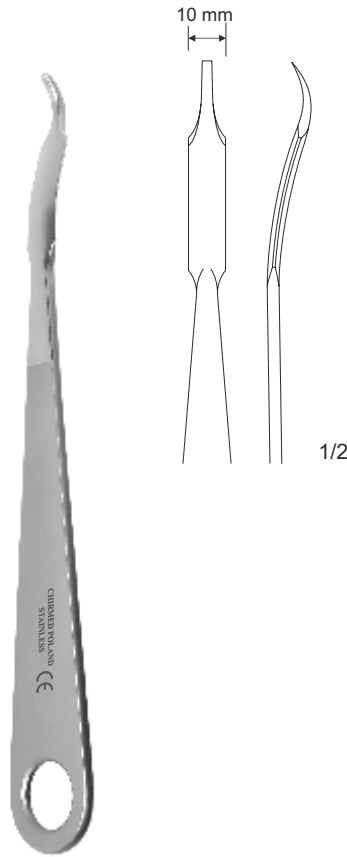
**KD 76
70 x 45 mm**



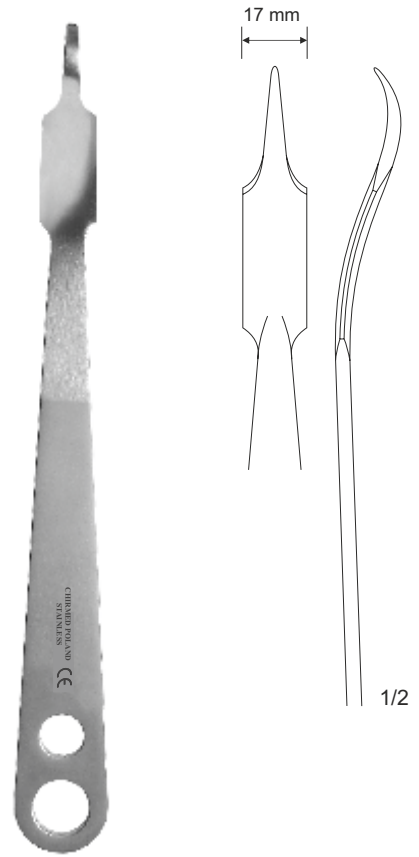
from IDEA to SOLUTION



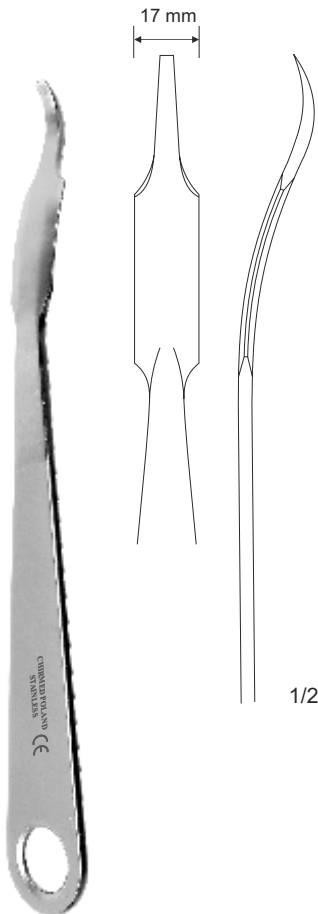
WAGNER
CK 20
220 mm (8 3/4")



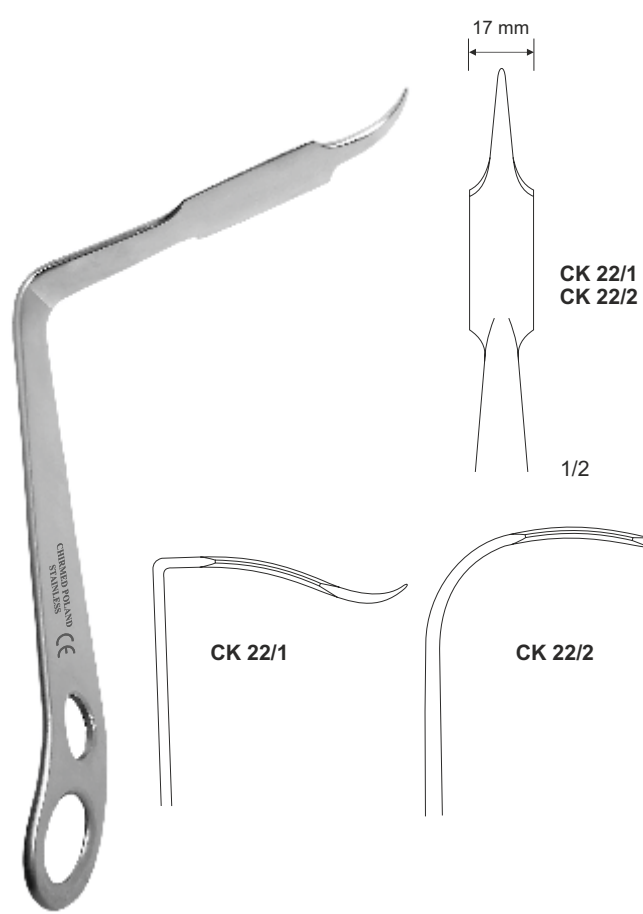
CK 21
220 mm (8 3/4")



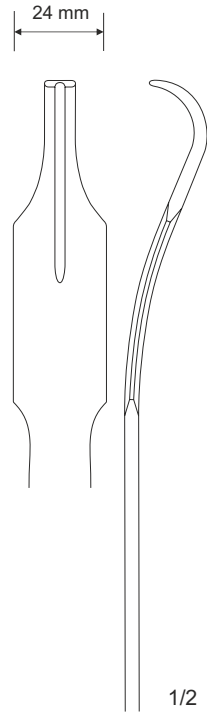
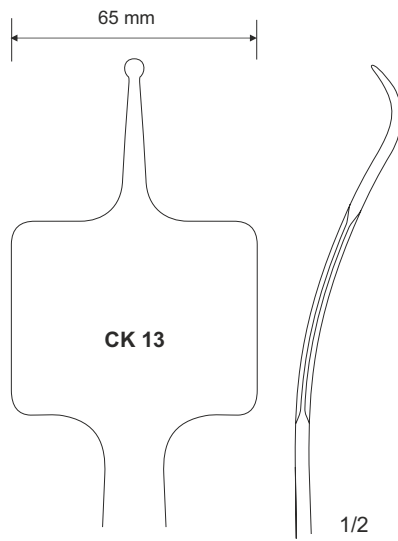
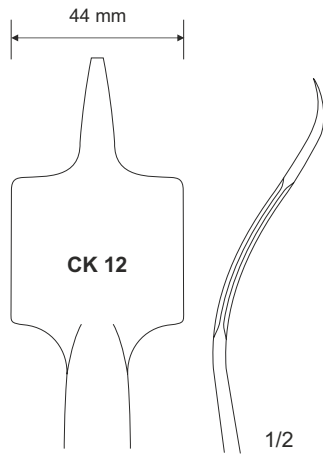
HOHMANN
CK 22
240 mm (9 1/2")



HOHMANN
CK 23
240 mm (9 1/2")

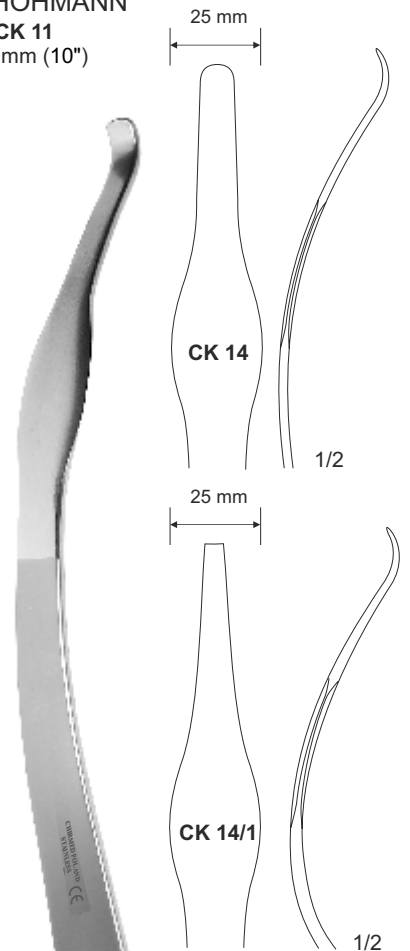
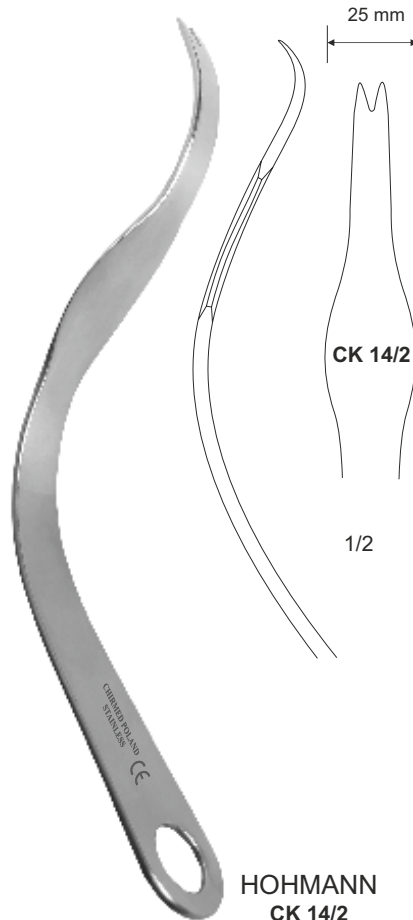
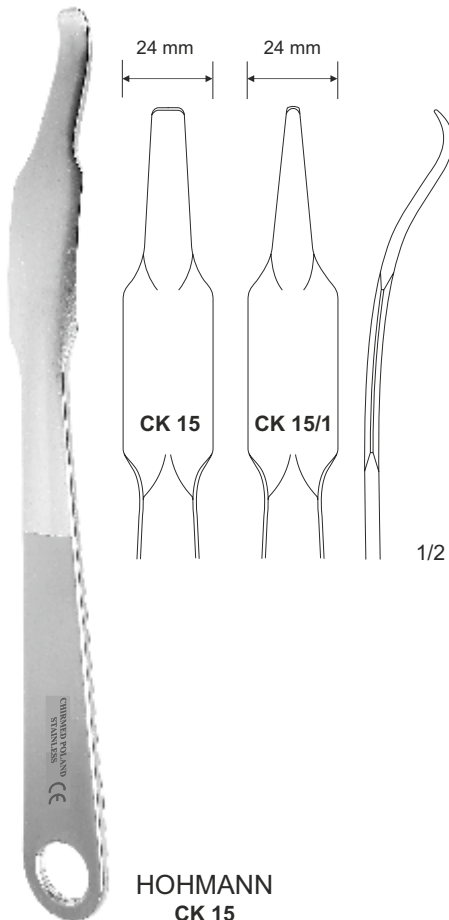


HOHMANN
240 mm (9 1/2")



VERBRUGGE-MÜLLER
CK 12 CK 13
240 mm (9 1/2") 255 mm (10")

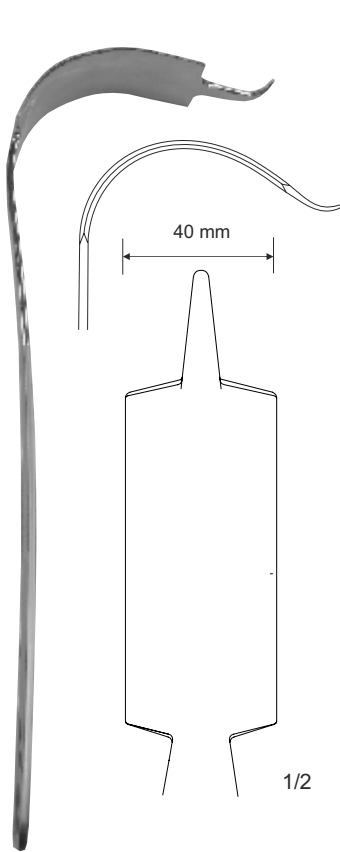
LANGE-HOHMANN
CK 11
250 mm (10")



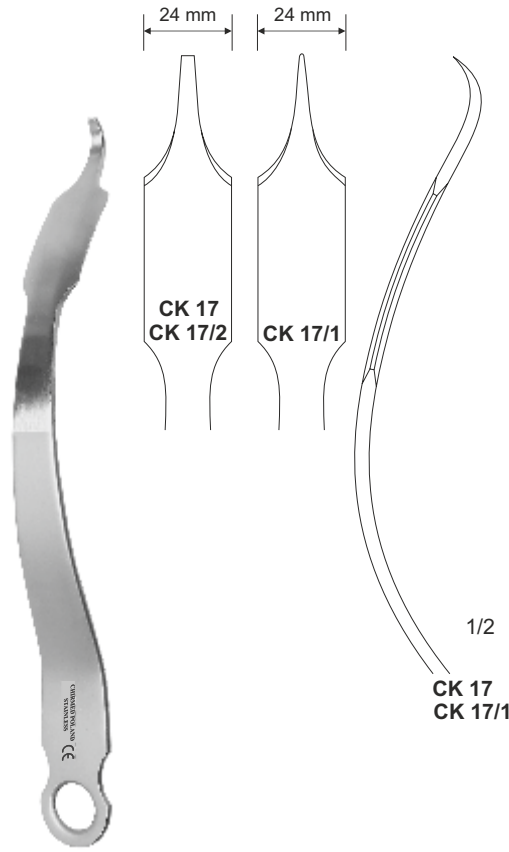
HOHMANN
CK 15
260 mm (10 1/4")

HOHMANN
CK 14/2
260 mm (10 1/4")

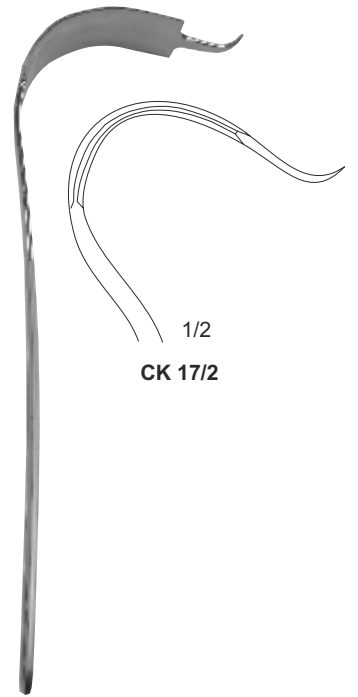
HOHMANN
CK 14/1
260 mm (10 1/4")



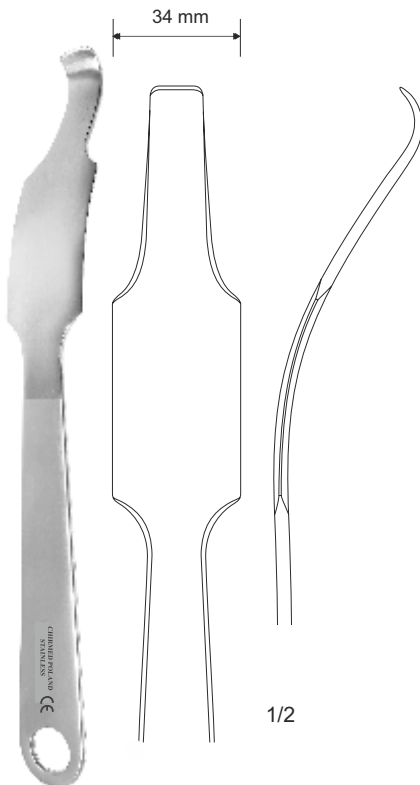
HOHMANN
CK 24
330 mm (13")



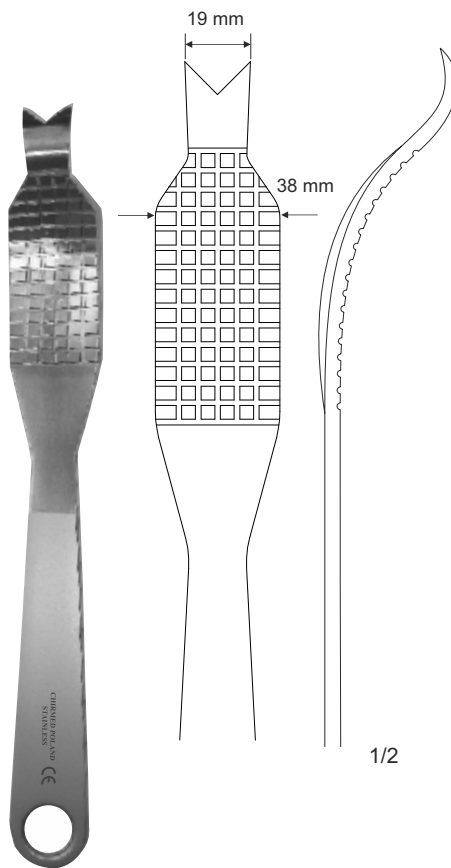
HOHMANN-ALDINGER
CK 17
270 mm (10 3/4")



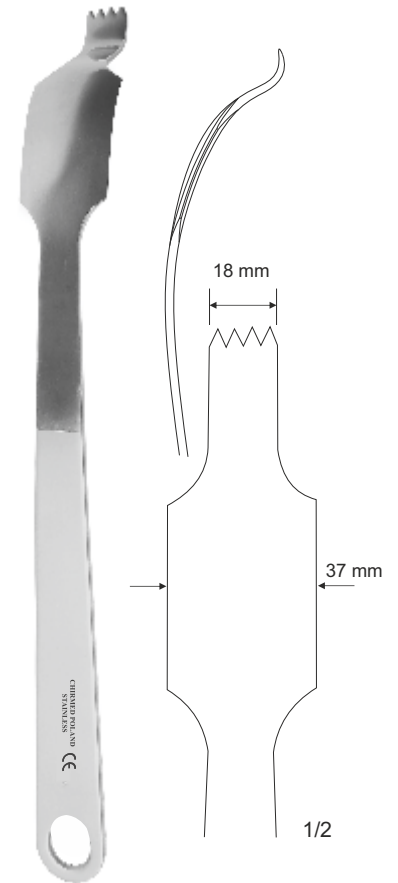
HOHMANN-ALDINGER
CK 17/2
270 mm (10 3/4")



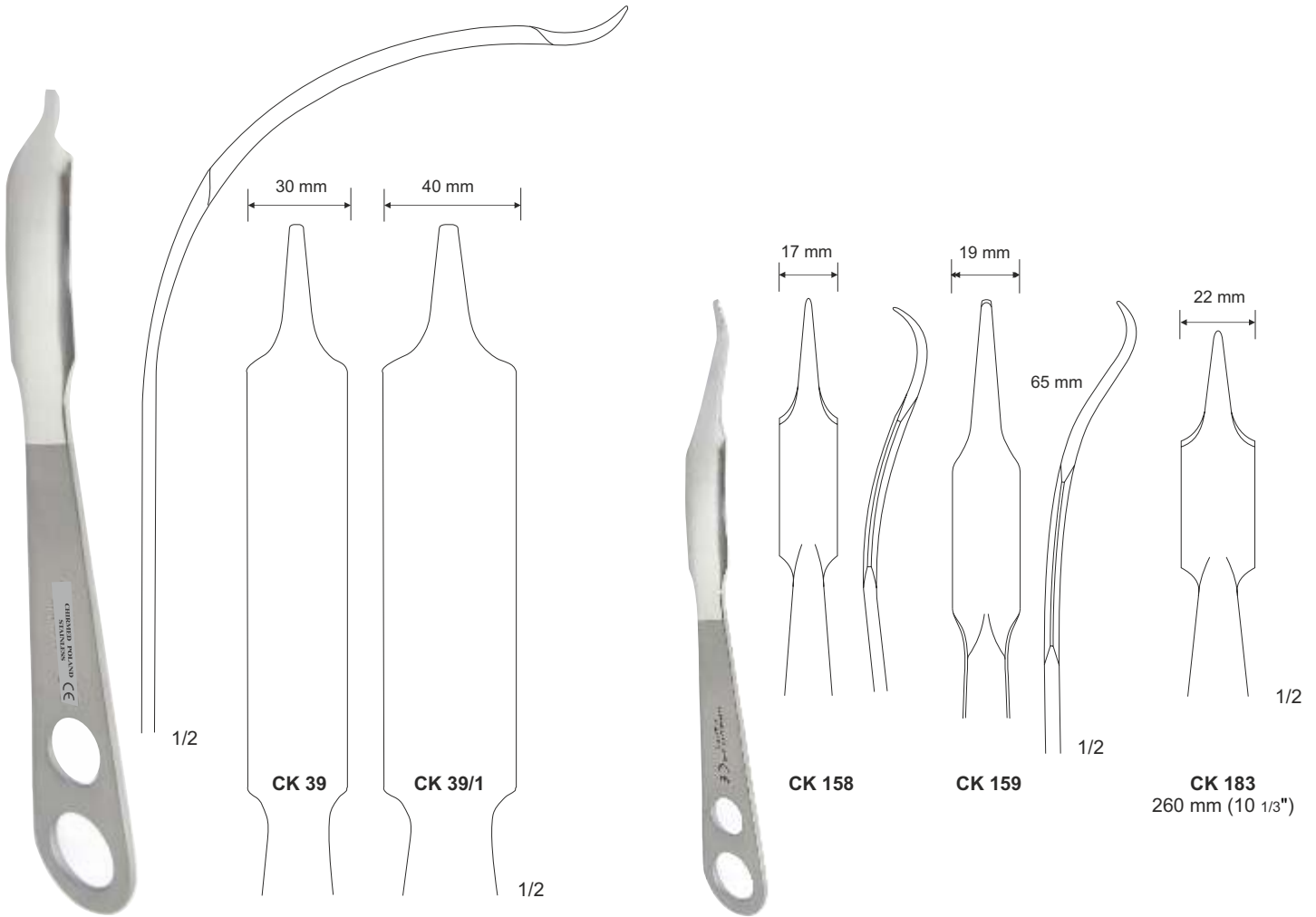
HOHMANN
CK 16
285 mm (11 1/4")



SCHUMACHER
CK 19
290 mm (11 1/2")

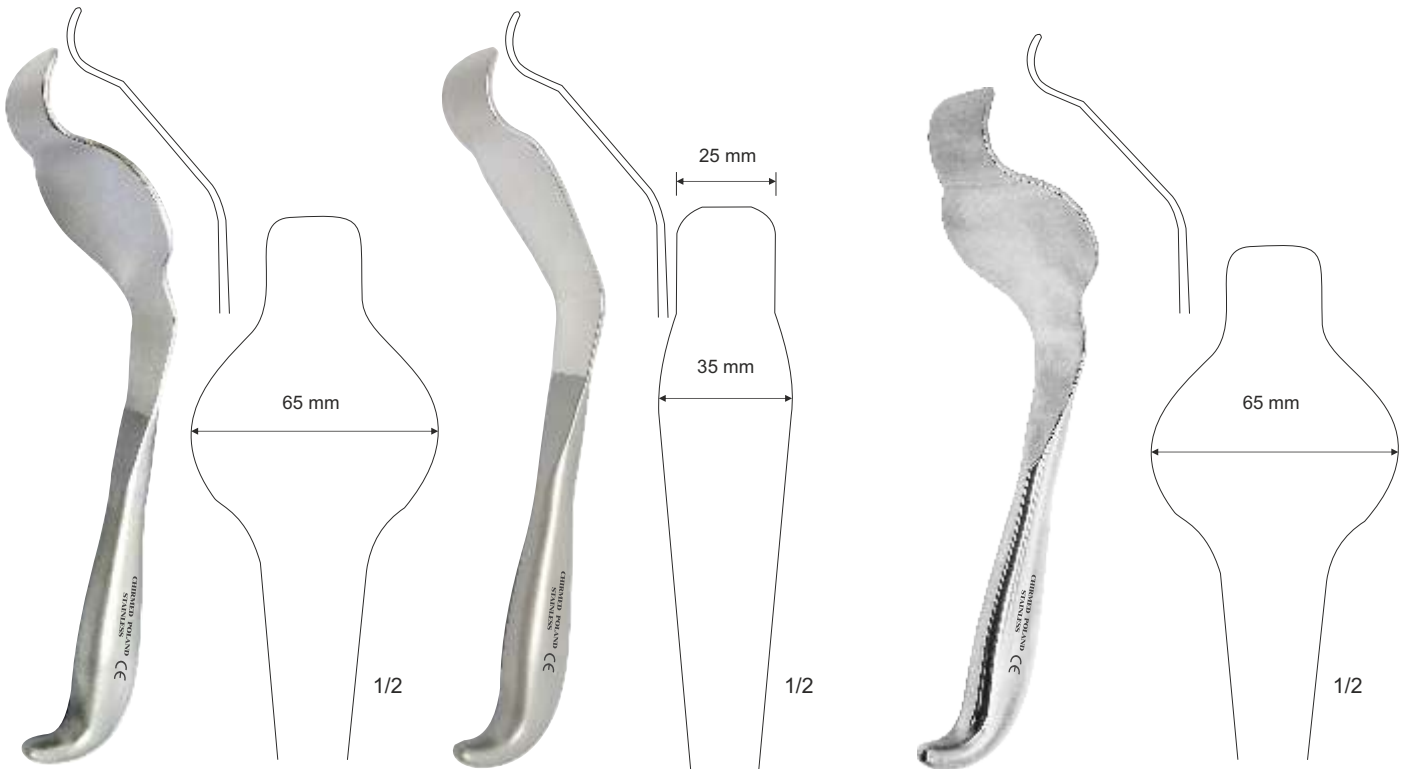


SCHUMACHER-WAGNER
CK 18
345 mm (13 1/2")



CK 39
370 mm (15")

HOHMANN
CK 158, CK 159
220 mm (8 2/3")



BENNETT
CK 154
250 mm (10")

BENNETT
CK 155
250 mm (10")

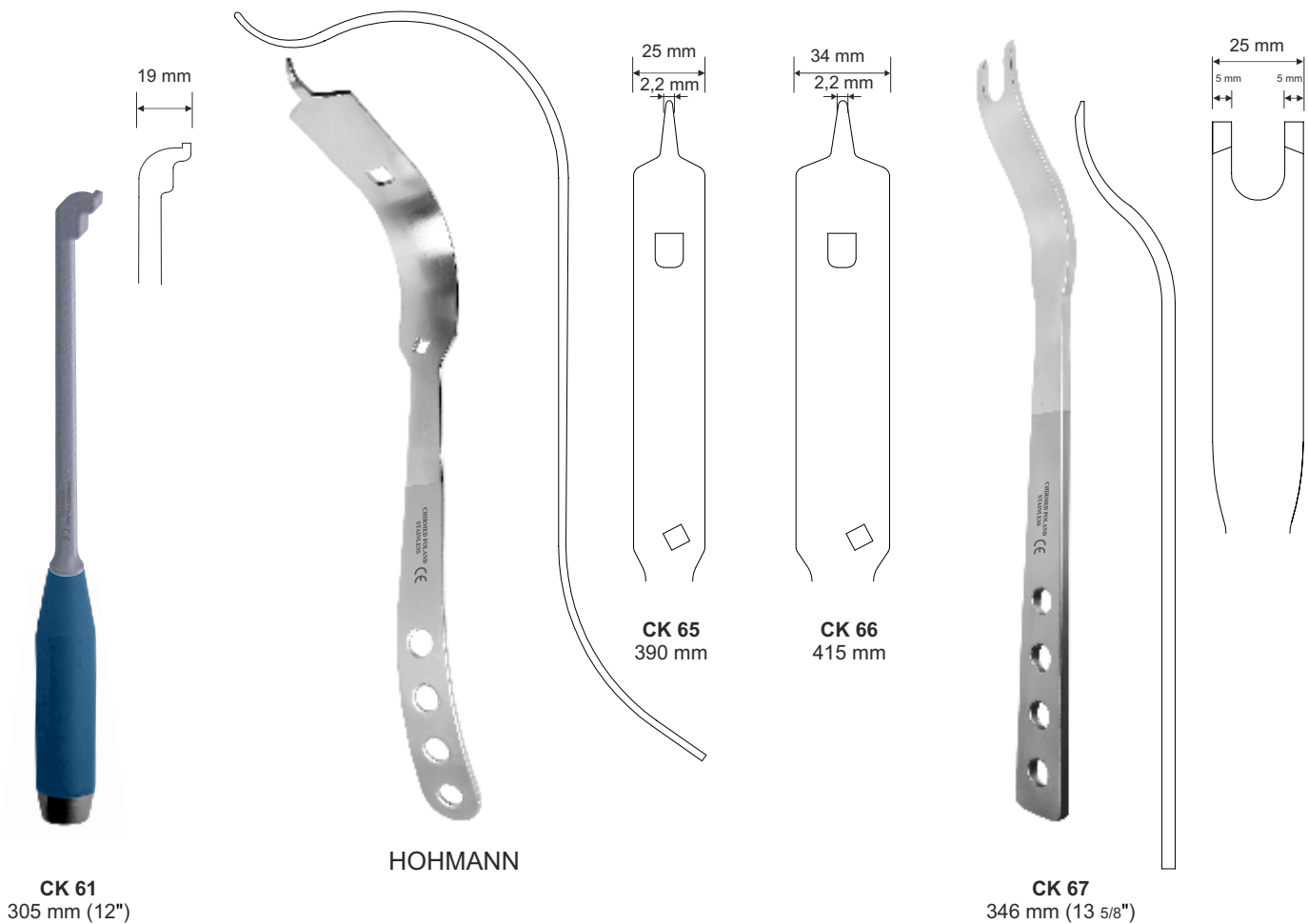
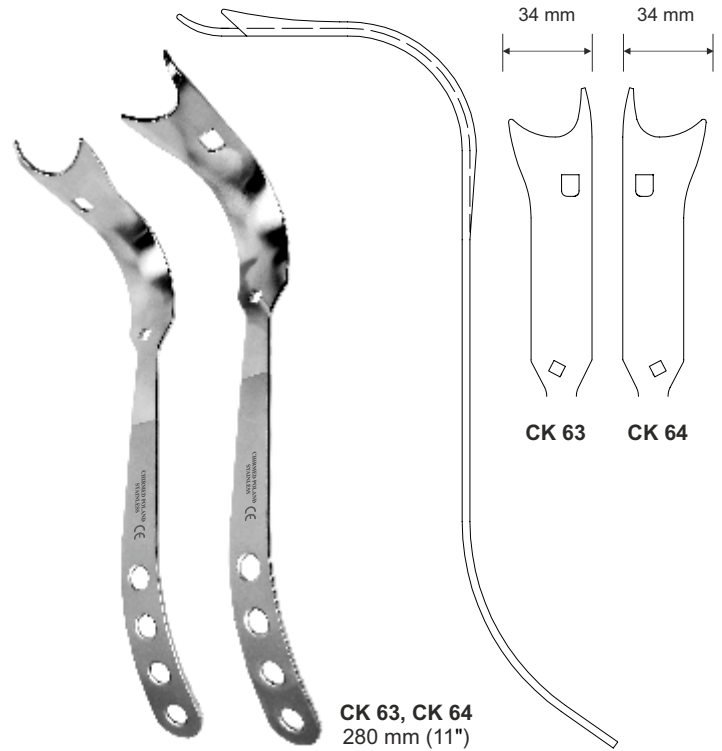
BENNETT
CK 219
235 mm (9 1/4")

KOMPLET: POBIJAK I PODWAŻKI DO STAWU BIODROWEGO (w skład zestawu wchodzi: CK 61, 2 x CK 62, CK 63, CK 64, CK 65, CK 66, CK 67)

SET: TEMPERS AND LEVERS FOR HIP JOINT (set consists of: CK 61, 2 x CK 62, CK 63, CK 64, CK 65, CK 66, CK 67)

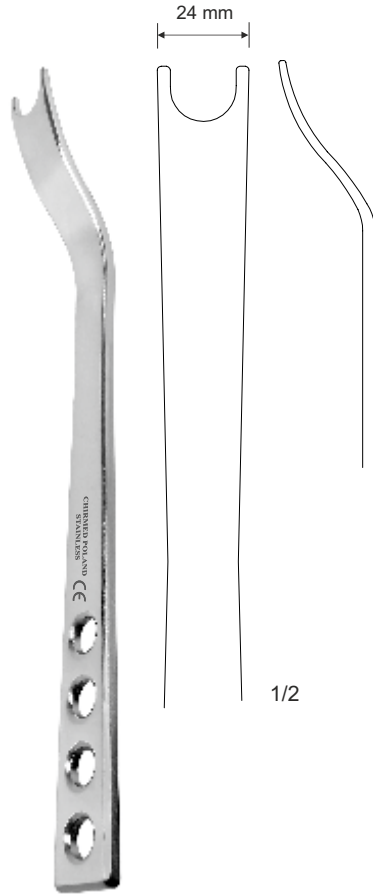
SET: STÖßEL UND KNOCHENHEBEL FÜR HÜFTGELENK (das Set beinhaltet: CK 61, 2 x CK 62, CK 63, CK 64, CK 65, CK 66, CK 67)

КОМПЛЕКТ: МОЛОТОК И РЕТРАКТОРЫ КОСТНЫЕ ДЛЯ ХИРУРГИИ ТАЗОБЕДРЕННОГО СУСТАВА (комплект состоит из: CK 61, 2 x CK 62, CK 63, CK 64, CK 65, CK 66, CK 67)

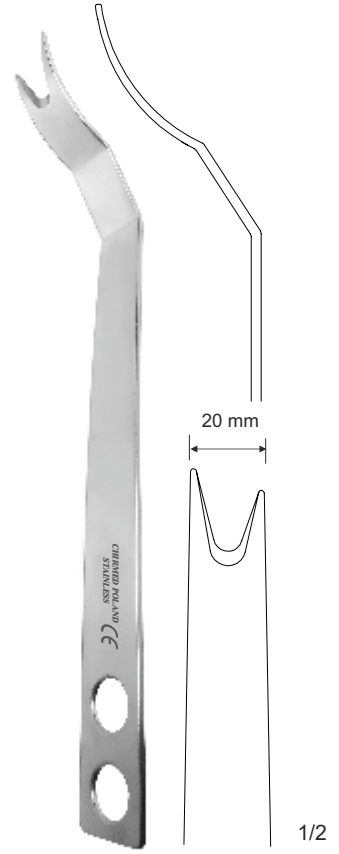




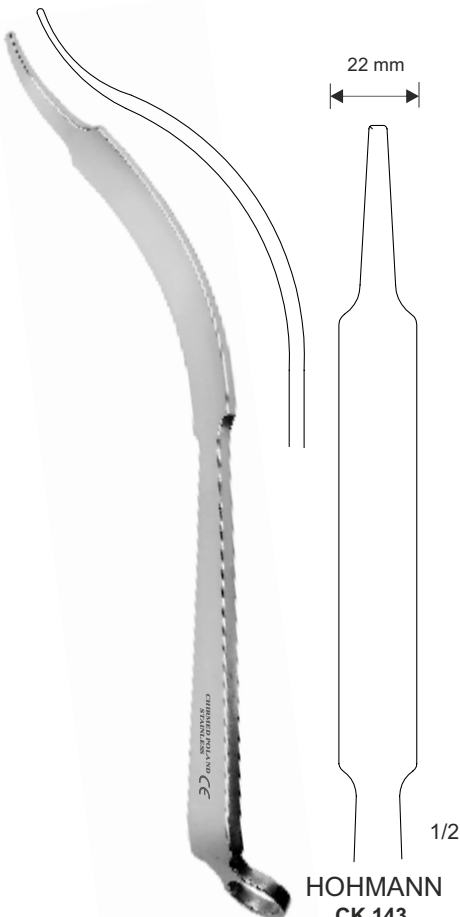
COBRA
CK 140
350 mm (13 3/4")



MÜLLER
CK 141
335 mm (13")



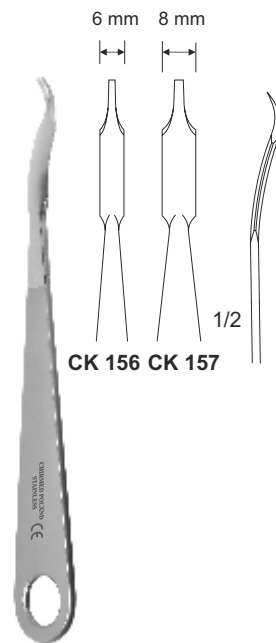
HOHMANN
CK 142
315 mm (11 1/3")



HOHMANN
CK 143
360 mm (14 1/4")



CK 144
345 mm (13 1/2")



CK 156 CK 157



SOKOŁOWSKI
CK 162
165 mm (6 2/3")

Zestaw do operacji małowazyjnych CTCTS Set for mini-open surgery CTCTS

ZALETY:

- Zmniejszenie ryzyka uszkodzenia nerwu środkowego poprzez użycie systemu kaniula/trokar,
- Technicznie prosta i opłacalna metoda wykonania otwartej małowazyjnej operacji cieśni nadgarstka (tylko 10-12 min.),
- Dobre rezultaty krótkoterminowe - w 90% zanotowano ustąpienie symptomów po 2 tygodniach.

ADVANTAGES:

- Reducing the risk of median nerve injury by using Cannula/trocar system,
- Technically simple and cost-effective way to perform mini-open CTR (only 10-12 min. to complete),
- Very good short-term results with 90% reporting relief in symptoms in 2 weeks.



Tępy trokar i kaniula są wprowadzone do kanału nadgarstka.
 Blunt trocar and cannula are inserted in the carpal canal.

Trokar jest usuwany i wprowadzany jest meniskotom do wzdłużnego nacięcia w kaniuli aby przeciąć poprzeczne więzadło nadgarstka oraz dystalną powięź przednią.
 Trocar is removed and Smilie-meniscotome is inserted in dorsal slot in cannula to cut open the transverse carpal ligament and distal ante-brachial fasciae.

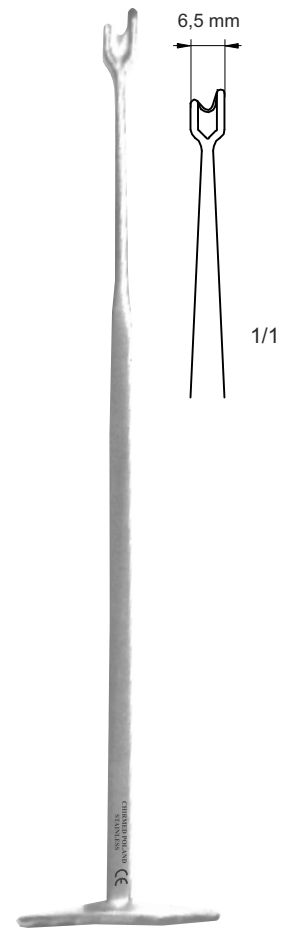
Meniskotom jest w 2/3 wprowadzony do kaniuli, tylko 1/3 wystaje aby przeciąć poprzeczne więzadło.
 The meniscotome is 2/3 contained in the cannula, only the upper 1/3 protrudes to cut transverse carpal ligament.



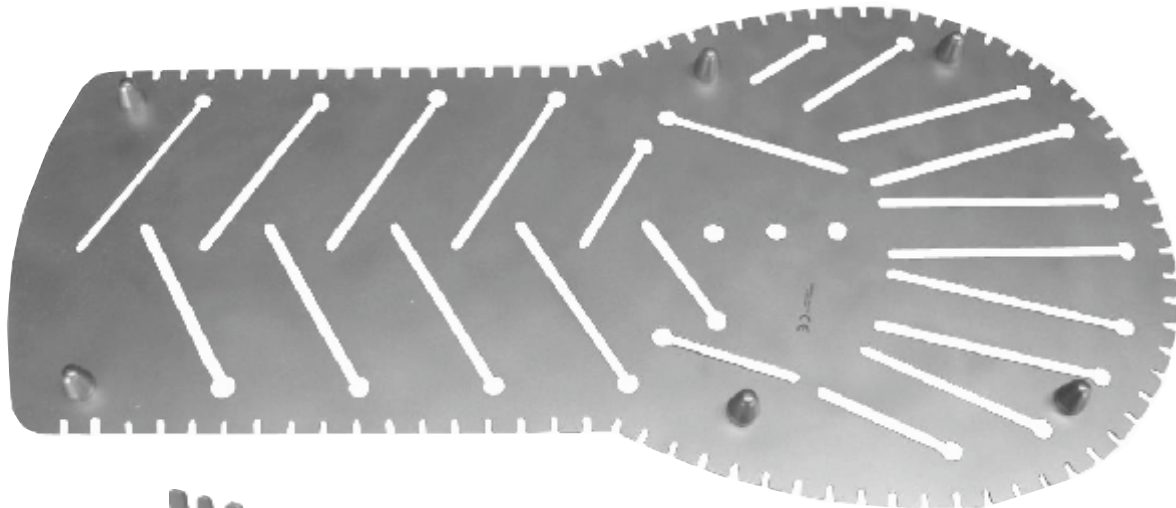
CK 186
 130 mm (5 1/8"), Ø 4,0 mm



CK 185
 114 mm (4 1/2")



CK 188
 170 mm (6 3/4")



CO 520



CO 520/7



CO 520/8



CO 520/9



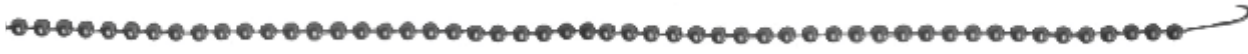
CO 520/10



CO 520/6



CO 520/5



CO 520/4



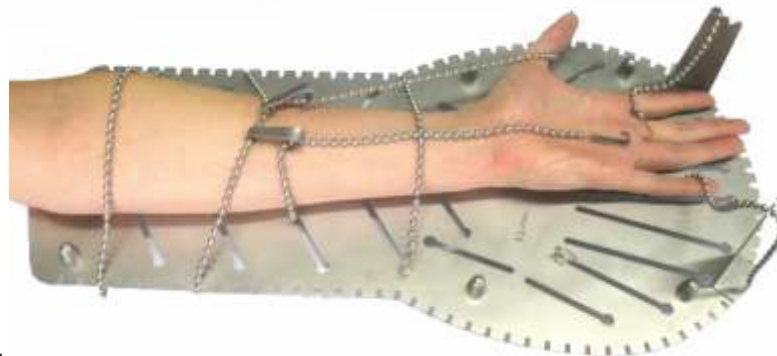
CO 520/3



CO 520/2



CO 520/1



Zestaw składa się z:

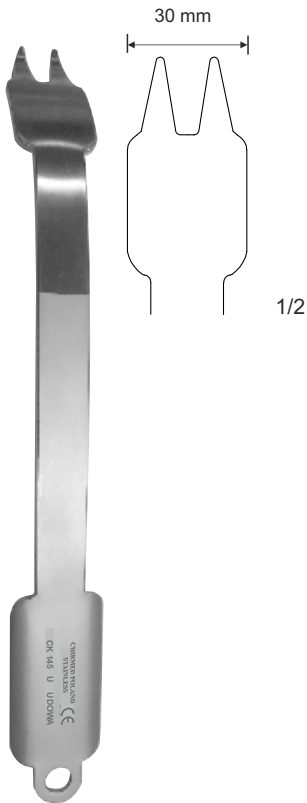
Set consists of:

Set besteht aus:

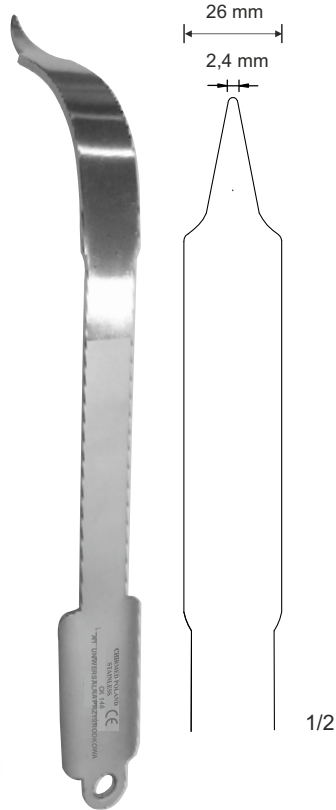
комплект состоит из:

- 1 x Stolik do nadgarstka/ Hand holder/ Tisch für Handgelenk/ приспособление фиксирующее для кисти CO 520
- Łańcuszki/ Ball chains/ Ketten/ цепочки 2 x CO 520/1, 2 x 520/2, 2 x 520/3, 2 x 520/4, 2 x 520/5, 2 x 520/6
- 2 x Uchwyt do łańcuszków/ Chain holder/ Halter für Ketten/ ручка для цепочек CO 520/7
- 4 x Haki/ Hook/ Haken/ крючок CO 520/8
- 2 x Haki/ Hook/ Haken/ крючок CO 520/9
- 4 x Haki montowane do stolika/ Hook mounted with hand holder/ Haken montiert mit dem Tisch/ крючок для монтажа в приспособлении CO 520/10

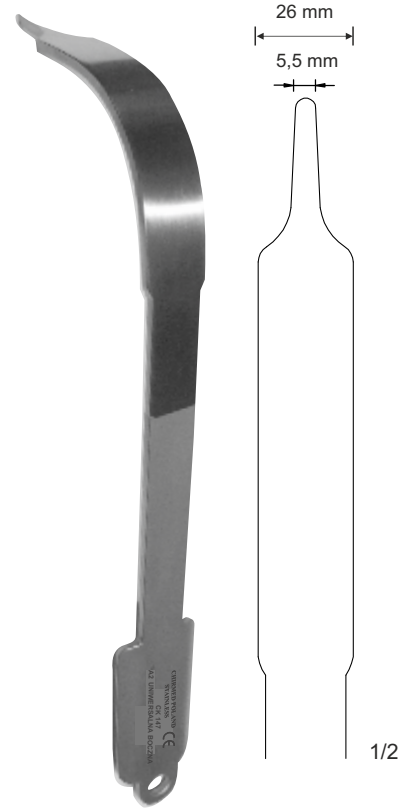
IDENTYFIKACJA: (U) Udowa	(A1) Uniwersalna Przyśrodkowa	(A2) Uniwersalna Boczna	(P1) Przednia	(P2) Panewkowa
IDENTIFICATION: (F) Femoral	(M) Universal-Medial	(L) Universal-Lateral	(AN) Anterior Acetabulum	(AC) Posterior Acetabulum
IDENTYFIKACJA: (O) Oberschenkel	(M) Universal Medial	(S) Universal Seitlich	(VN) Vorne Hüftpfanne	(HH) Hintere Hüftpfanne
ИДЕНТИФИКАЦИЯ: (Б) Бедренная	(м) универсальный медиальной	(C) универсальная сторона	(П) Передний	(B) Вертлужный



CK 145 (U)
325 mm (12 3/4")



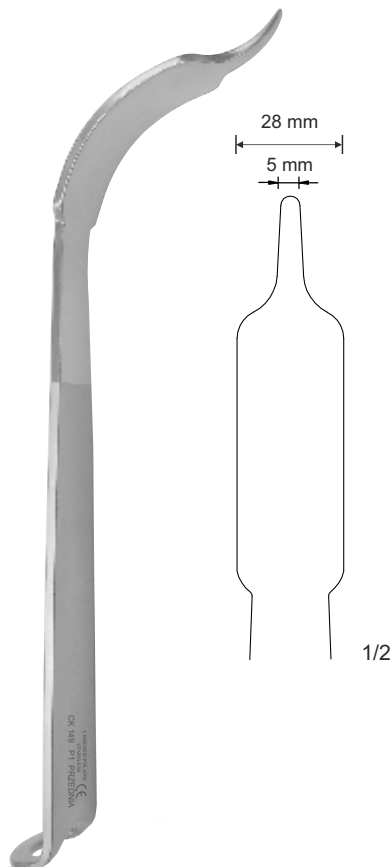
CK 146 (A1)
350 mm (13 2/3")



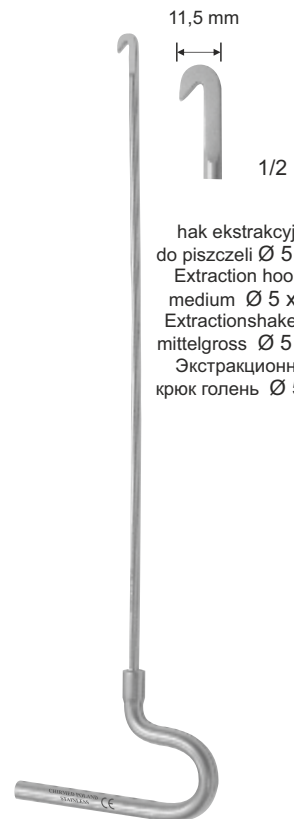
CK 147 (A2)
348 mm (13 2/3")



CK 148 (P2)
378 mm (14 7/8")



CK 149 (P1)
305 mm (11 1/3")



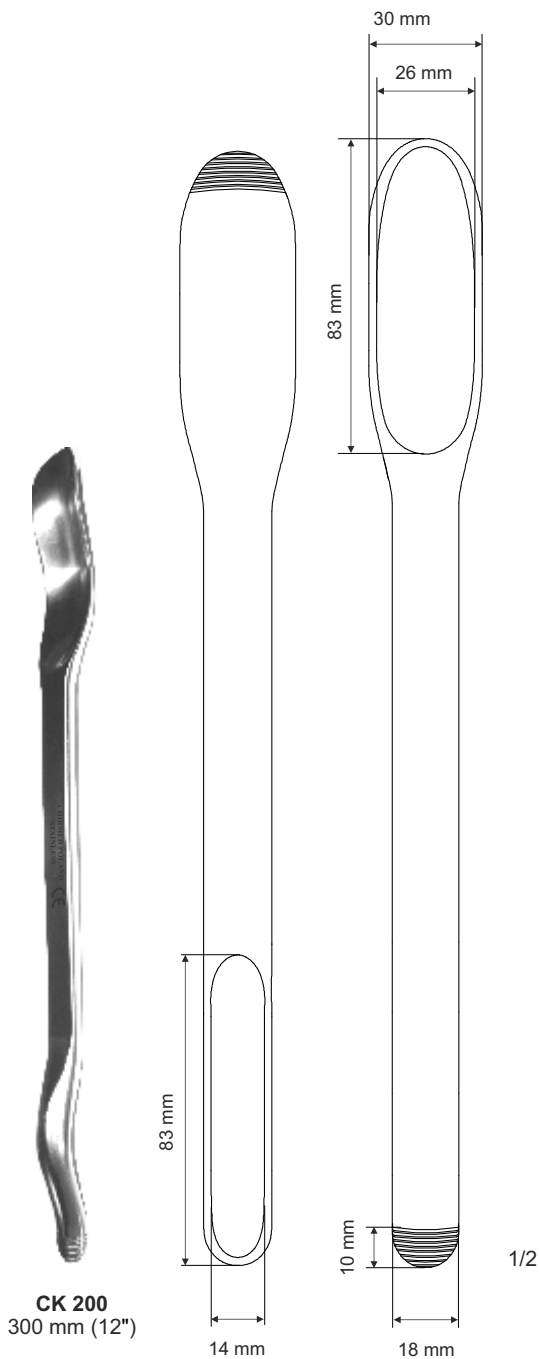
CK 152
430 mm (17")

hak ekstrakcyjny średni
 do piszczeli Ø 5 x 430 mm
 Extraction hook for tibia,
 medium Ø 5 x 430 mm
 Extractionsaken für Tibia,
 mittलगross Ø 5 x 430 mm
 Экстракционная среда
 крюк голень Ø 5 x 430 мм

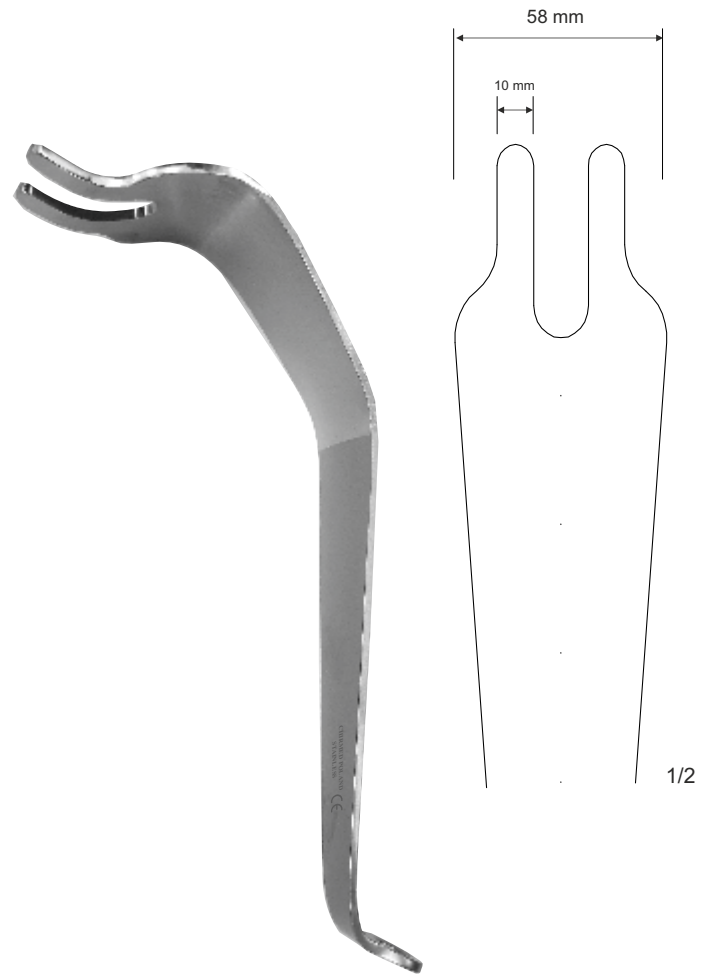
Ø 5,5 mm



CK 181
250 mm (10"), Ø 5,5 mm, 10 mm

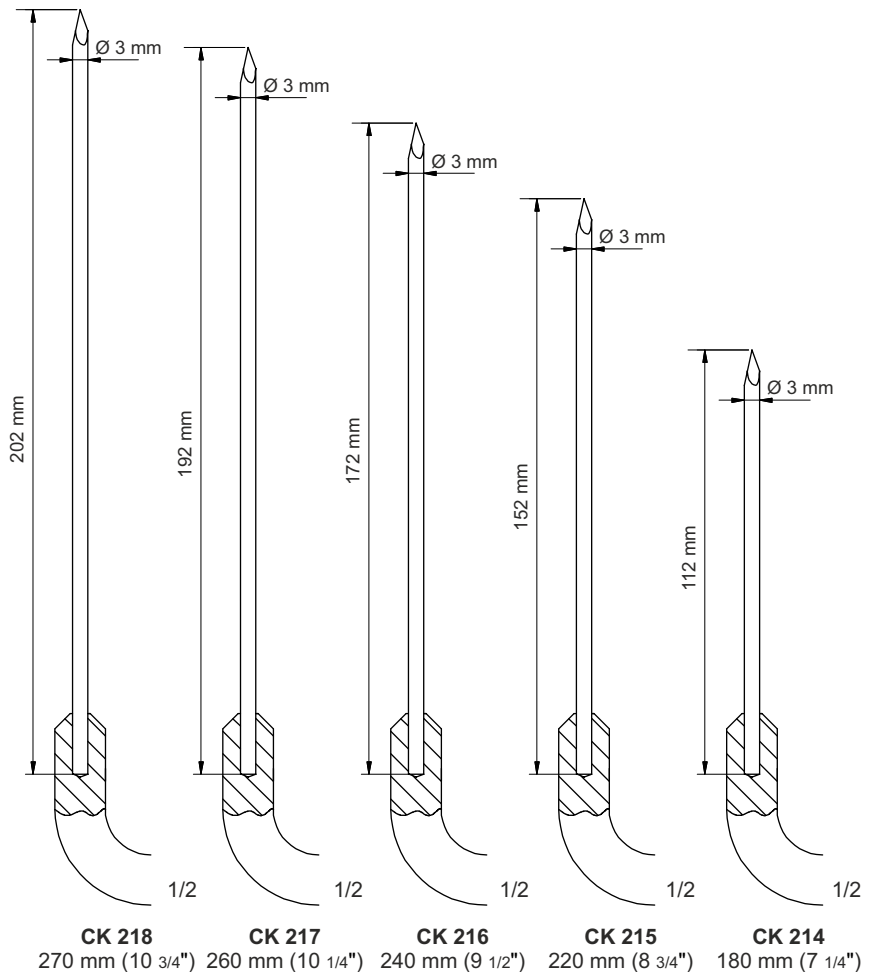
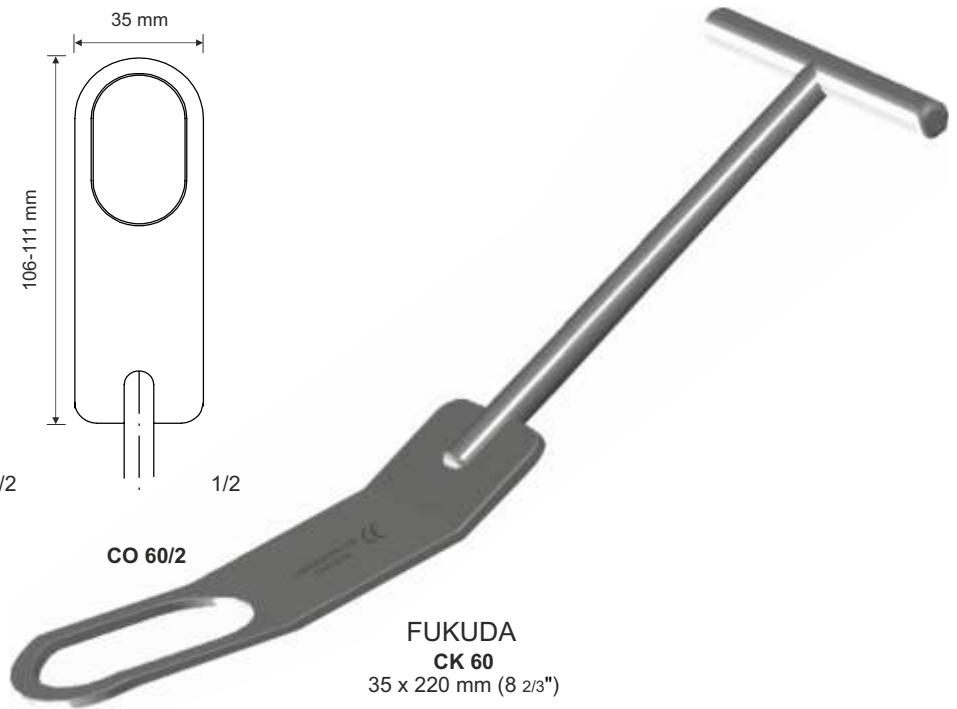
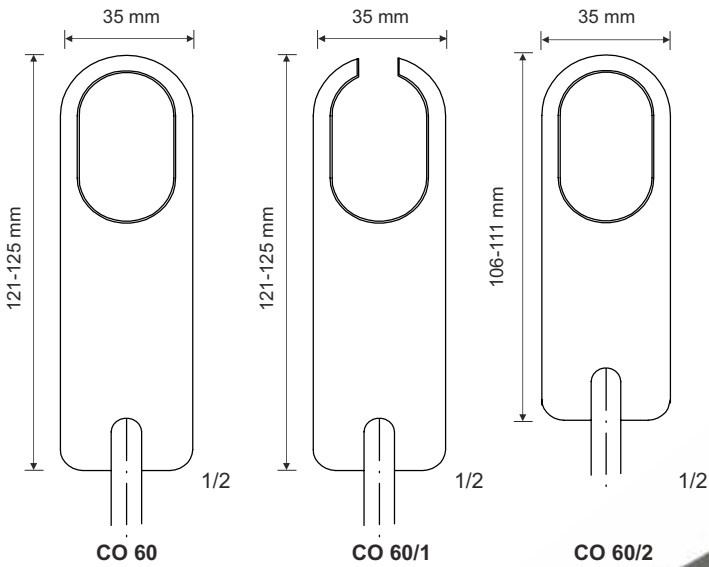


CK 200
300 mm (12")

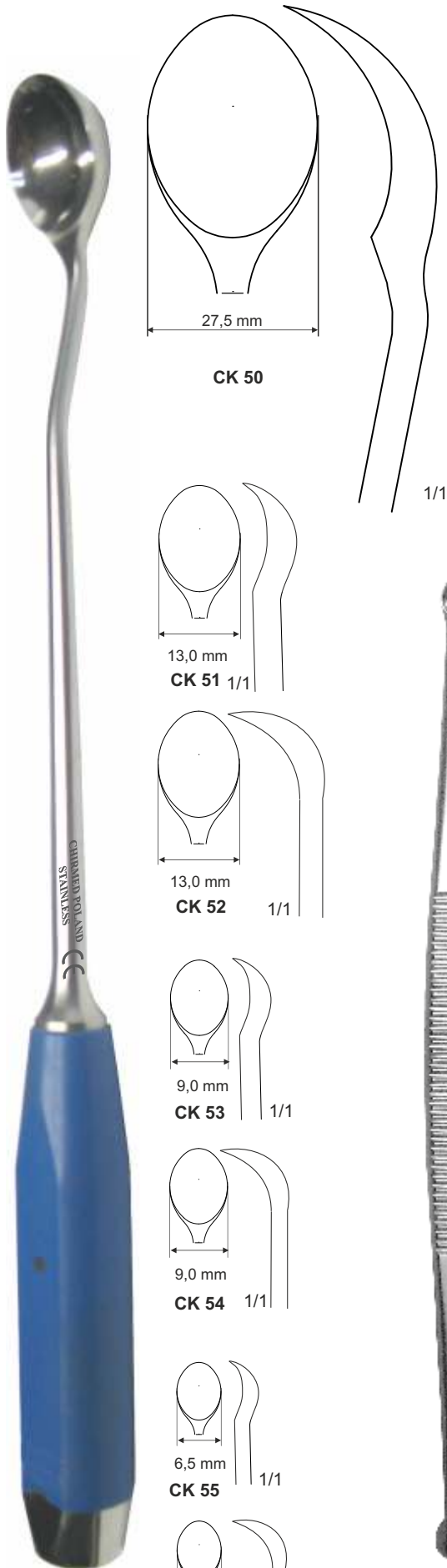


CK 165
228 mm (12 3/4")

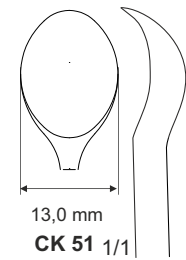
PODWAŻKA DO ODSUNIĘCIA GŁOWY KOŚCI RAMIENNEJ W CZASIE ZABIEGU REKONSTRUKCJI OBRĄBKA PANEWKI
 BONE LEVER FOR MOVING HUMERAL HEAD DURING HEM ACETABULUM TREATMENT
 HUMERUSKOPFRETRAKTOR FÜR WIEDERBAU VON HÜFTPFANNE
 РЕТРАКТОР ДЛЯ ПЕРЕМЕЩЕНИЯ ГОЛОВКИ КОСТИ ВО ВРЕМЯ РЕКОНСТРУКЦИИ ВЕРТЛУЖНОЙ ВПАДИНЫ



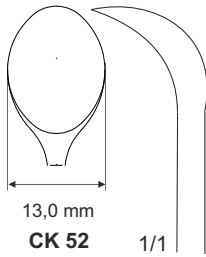
UCHWYT RADEL® (PPSU, TECASON PMT)
HANDLE RADEL® (PPSU, TECASON PMT)
GRIFF RADEL® (PPSU, TECASON PMT)
РУЧКА РАДЭЛ® (TECASON, PPSU)



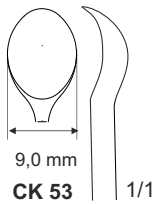
CK 50



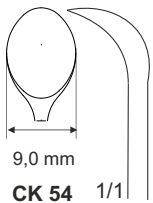
CK 51 1/1



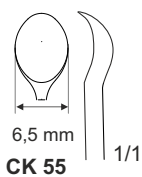
CK 52 1/1



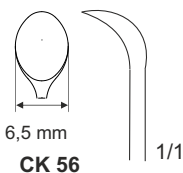
CK 53 1/1



CK 54 1/1



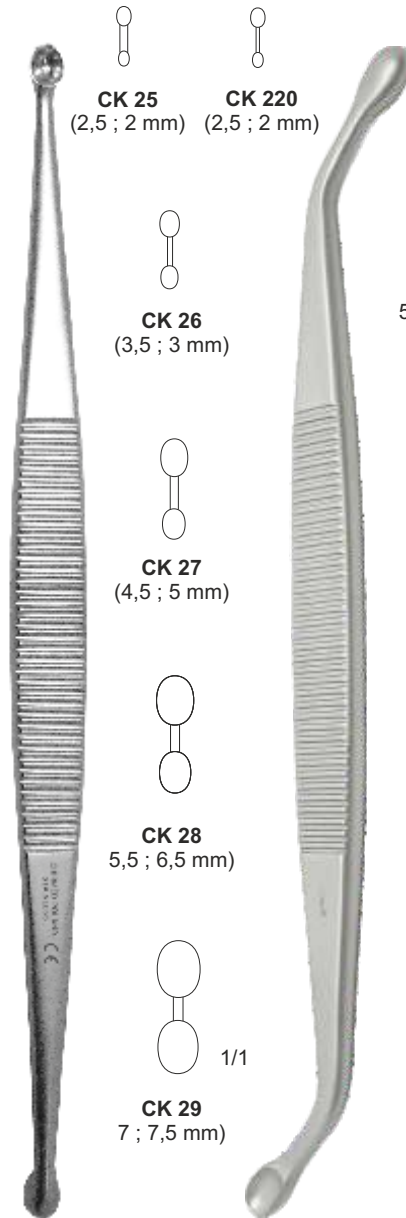
CK 55 1/1



CK 56 1/1

CK 50 - CK 56
330 mm (13")

1/1



CK 25 (2,5 ; 2 mm) **CK 220** (2,5 ; 2 mm)

CK 26 (3,5 ; 3 mm)

CK 27 (4,5 ; 5 mm)

CK 28 (5,5 ; 6,5 mm)

CK 29 (7 ; 7,5 mm)

CK 212
5,5 ; 6,5 mm

CK 213
7 ; 7,5 mm

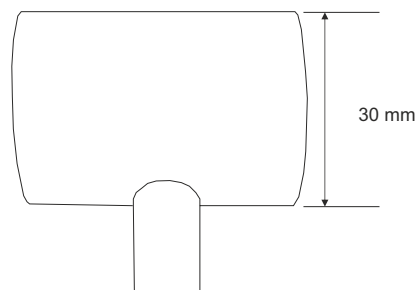
1/1

VOLKMANN
CK 25 - CK 29
160 mm (6 1/4")

VOLKMANN
CK 212 - CK 213
160 mm (6 1/4")



CK 132 190 mm (7 1/2") **CK 133** 190 mm (7 1/2")



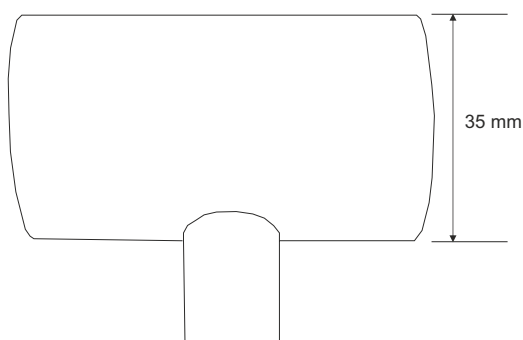
HEATH

CK 40

235 mm (9"), Ø 30 mm
waga 650g
Weight 650g
Gewicht 650g
bec 650g



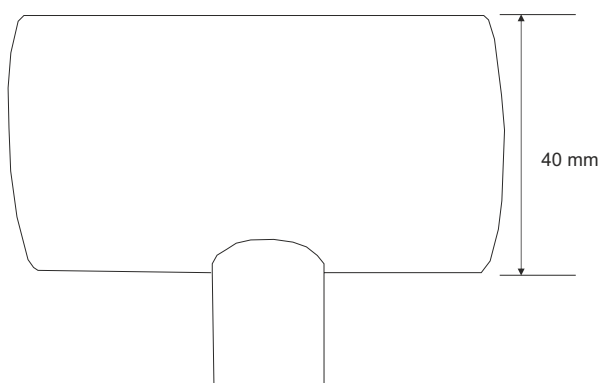
CK 40 - CK 42



HEATH

CK 41

245 mm (9 2/3"), Ø 35 mm
waga 800g
Weight 800g
Gewicht 800g
bec 800g



HEATH

CK 42

255 mm (10"), Ø 40 mm
waga 950g
Weight 950g
Gewicht 950g
bec 950g



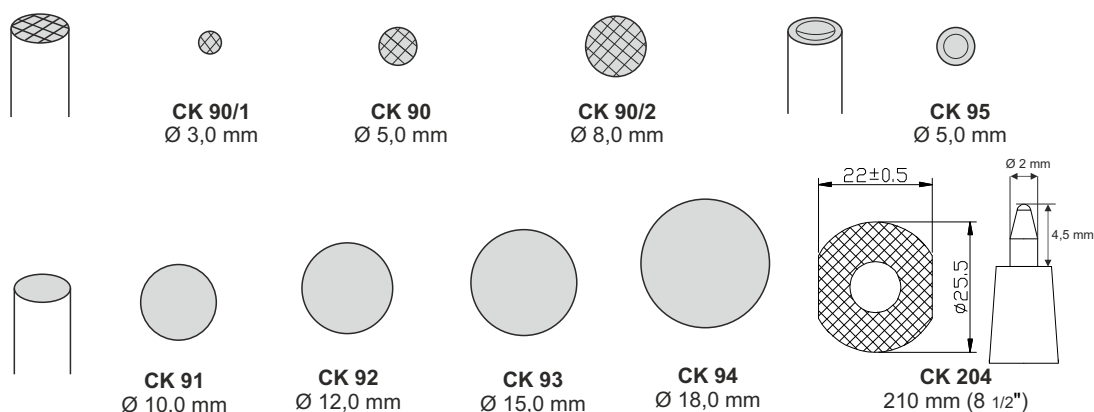
CK 160
waga 2000g
Weight 2000g
Gewicht 2000g
bec 2000g

CK 43
waga 3000g
Weight 3000g
Gewicht 3000g
bec 3000g

CK 43/M
waga 2300g
Weight 2300g
Gewicht 2300g
bec 2300g

CK 160
228 mm (9"), Ø 55 mm
CK 43
240 mm (9 1/2"), Ø 65 mm
CK 43/M
228 mm (9"), Ø 55 mm

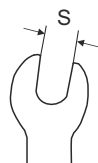
UCHWYT RADEL® (PPSU, TECASON PMT)
 HANDLE RADEL® (PPSU, TECASON PMT)
 GRIFF RADEL® (PPSU, TECASON PMT)
 РУЧКА РАДЭЛ® (TECASON, PPSU)



CK 90 - CK 94
 210 mm (8 1/4")



CK 70 - CK 79



- CK 70 S = 6 mm
- CK 71 S = 7 mm
- CK 72 S = 8 mm
- CK 73 S = 9 mm
- CK 74 S = 10 mm
- CK 75 S = 11 mm
- CK 76 S = 12 mm
- CK 77 S = 13 mm
- CK 78 S = 14 mm
- CK 79 S = 17 mm



CK 80 - CK 89
 220 mm (8 2/3")

Śrubokręt płaski
 Srew driver
 Schlitzschraubendreher
 Плоская отвертка



CK 80
 Śrubokręt płaski
 Srew driver
 Schlitzschraubendreher
 Плоская отвертка

Śrubokręt krzyżowy
 Cross Head
 Phillips-Schraubendreher
 Крестовая отвертка



CK 81 do wkrętów/ for screws/
 Schrauben/ винты 2,0 mm

CK 82 do wkrętów/ for screws/
 Schrauben/ винты 2,7 - 4,0 mm

CK 83 do wkrętów/ for screws/
 Schrauben/ винты 4,5 - 6,5 mm

Śrubokręt heksagonalny
 Hexagonal Head
 Sechskant-Schraubendreher
 шестигольная отвертка



CK 84 do wkrętów/ for screws/
 Schrauben/ винты 1,5 - 2,0 mm

CK 85 do wkrętów/ for screws/
 Schrauben/ винты 2,7 - 4,0 mm

CK 86 do wkrętów/ for screws/
 Schrauben/ винты 2,7 - 4,0 mm

Śrubokręt gwiazdkowy
 Star Head
 Schraubendreher Stern
 Отвертка звезда



CK 87 do wkrętów/ for screws/
 Schrauben/ винты 2,0 mm

CK 88 do wkrętów/ for screws/
 Schrauben/ винты 2,7 - 4,0 mm

CK 89 do wkrętów/ for screws/
 Schrauben/ винты 4,5 - 6,5 mm

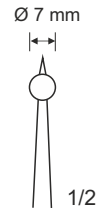
UCHWYT RADEL® (PPSU, TECASON PMT)
HANDLE RADEL® (PPSU, TECASON PMT)
GRIFF RADEL® (PPSU, TECASON PMT)
РУЧКА РАДЭЛ® (TECASON, PPSU)



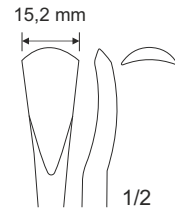
CK 30
337 mm (13 1/4")



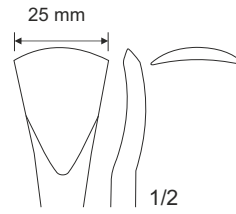
CK 31
277 mm (10 3/4")



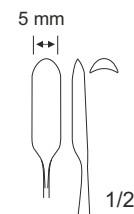
CK 161
265 mm (10 3/4")



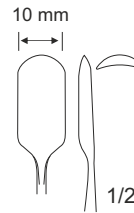
CK 30A
277 mm (11")



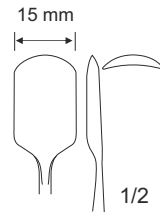
CK 32
277 mm (11")



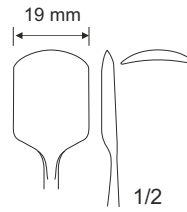
CK 33
297 mm (11 3/4")



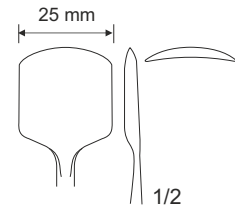
CK 34
297 mm (11 3/4")



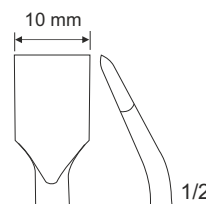
CK 35
297 mm (11 3/4")



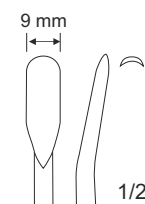
CK 30B
297 mm (11 3/4")



CK 36
267 mm (10 1/2")

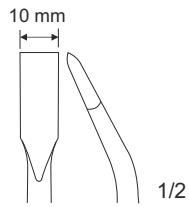


CK 37
270 mm (10 3/4")

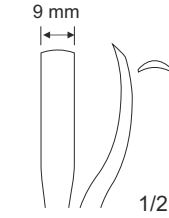


CK 38
343 mm (13 1/2")

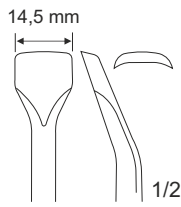
UCHWYT RADEL® (PPSU, TECASON PMT)
HANDLE RADEL® (PPSU, TECASON PMT)
GRIFF RADEL® (PPSU, TECASON PMT)
РУЧКА РАДЭЛ® (TECASON, PPSU)



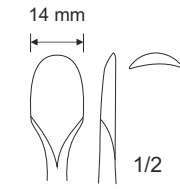
CK 31A
270 mm (10 3/4")



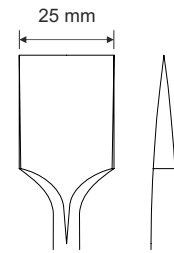
CK 10B
272 mm (10 3/4")



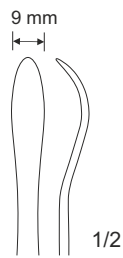
CK 31C
265 mm (10 1/2")



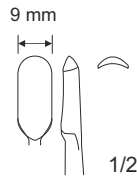
CK 30F
296 mm (11 3/4")



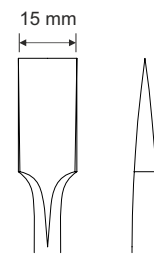
CK 211



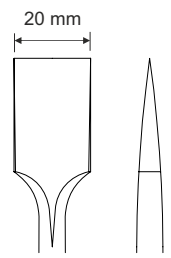
WAGNER CK 10
330 mm (13")



CK 30
337 mm (13 1/4")



CK 209



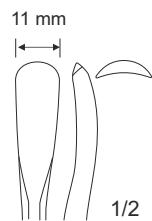
CK 210



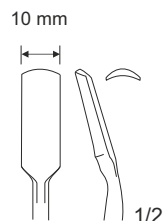
CK 30
337 mm (13 1/4")



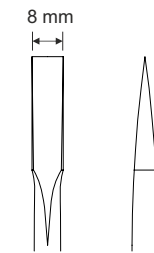
CK 31
277 mm (10 3/4")



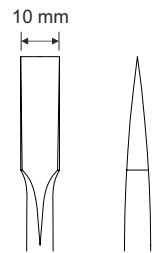
CK 30C
272 mm (10 3/4")



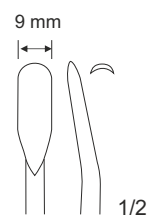
CK 31
277 mm (10 3/4")



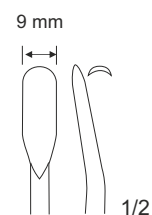
CK 207



CK 208



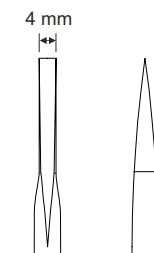
CK 31G
343 mm (13 1/2")



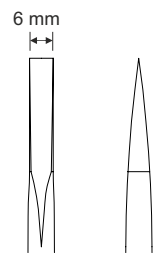
CK 31F
335 mm (13")



DAHMEN
CK 205-211
300 mm (11 3/4")



CK 205

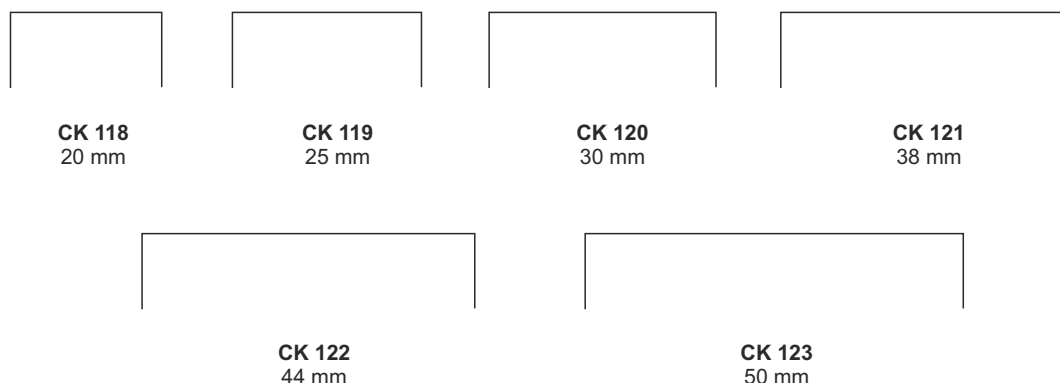
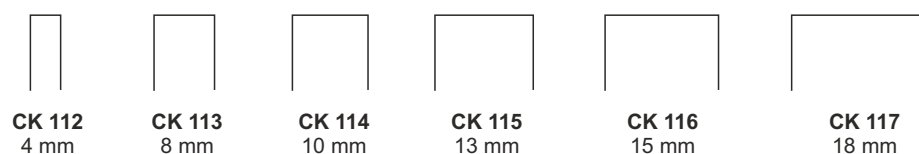
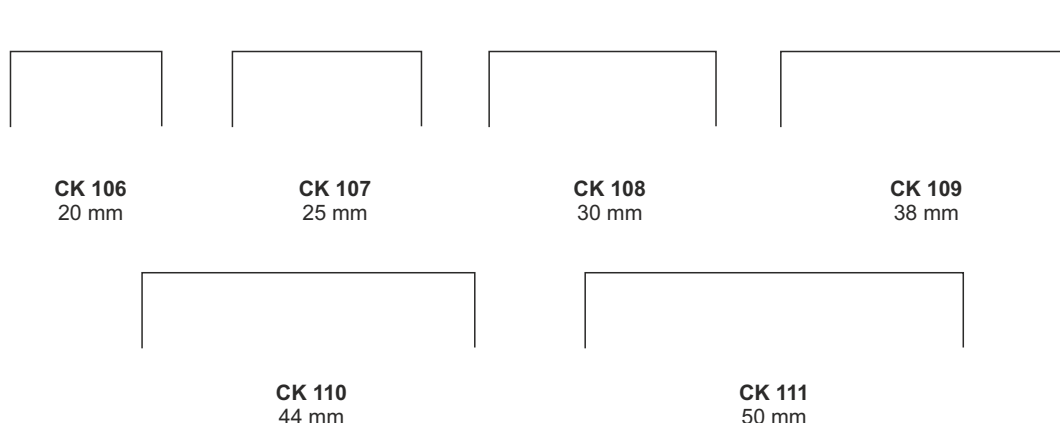
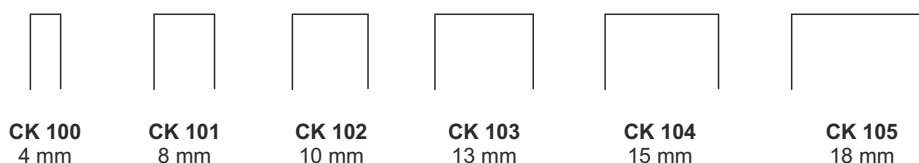


CK 206



OSTEOTOM
OSTEOTOME
OSTEOTOME
ОСТЕОТОМ

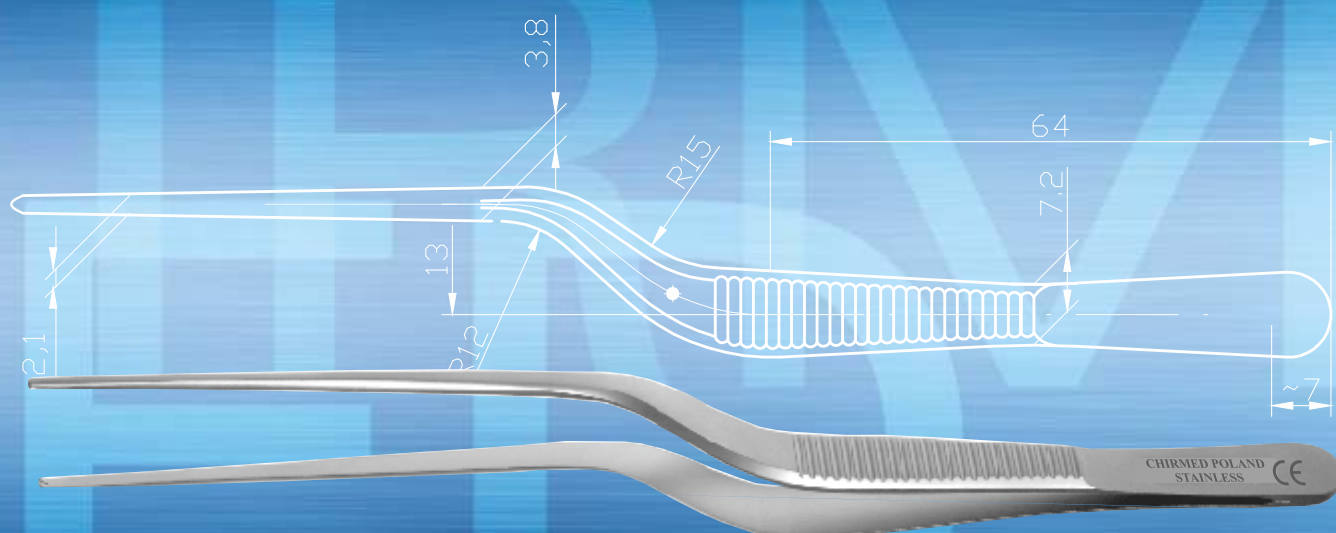
DŁUTO
CHISEL
MEIßEL
ДОЛОТО



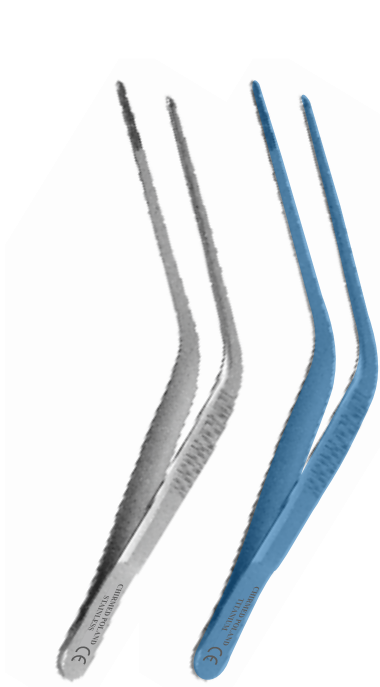
LAMBOTTE
CK 100 - CK 123
245 mm (9 3/4")

CHIRMED®

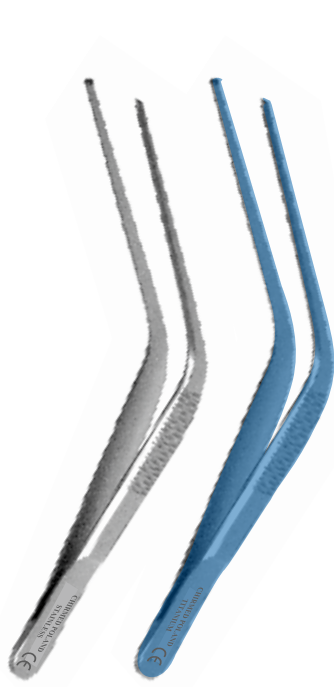
Laryngologia
Laryngology
Laryngologie
Ларингология



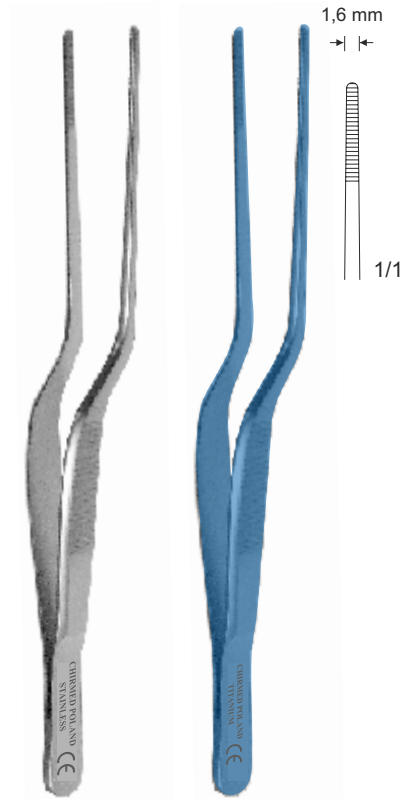
from IDEA to SOLUTION



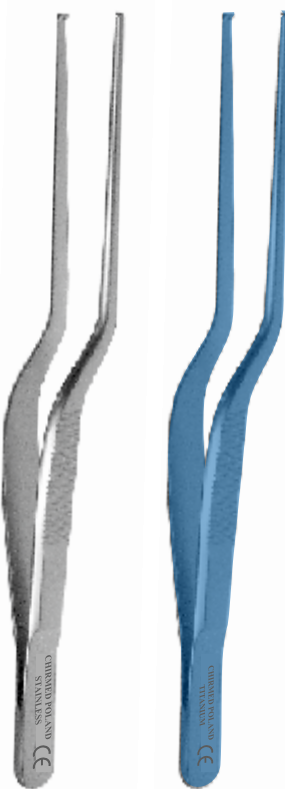
TROELTSCH
LG 10 LG 10/T
 100 mm (4")
TITANIUM



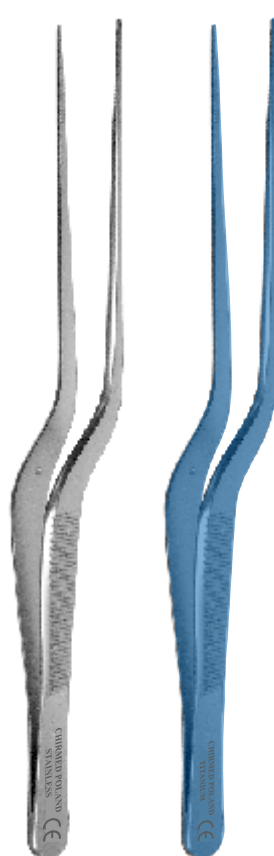
TROELTSCH
LG 11 LG 11/T
 100 mm (4")
TITANIUM



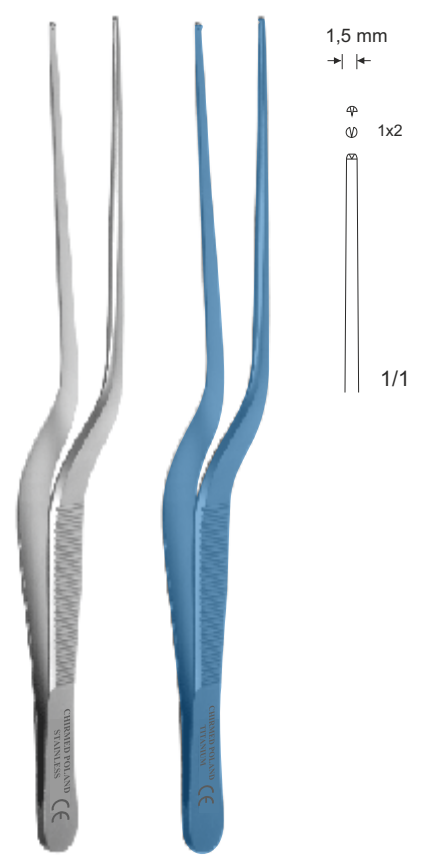
LUCAE
LG 12 LG 12/T
 140 mm (5 1/2")
TITANIUM



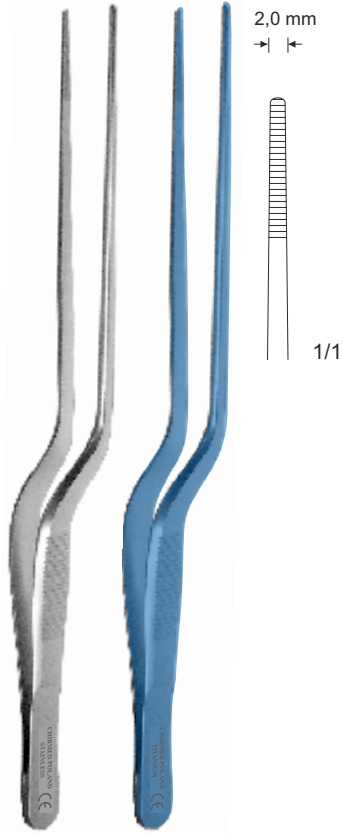
LUCAE
LG 13 LG 13/T
 140 mm (5 1/2")
TITANIUM



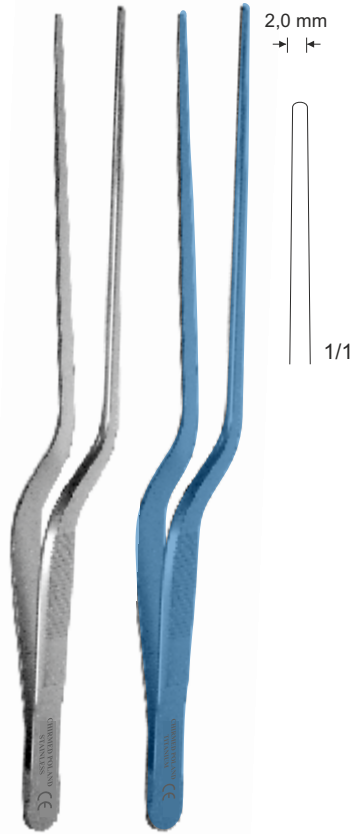
LG 18 LG 18/T
 170 mm (6 3/4")
TITANIUM



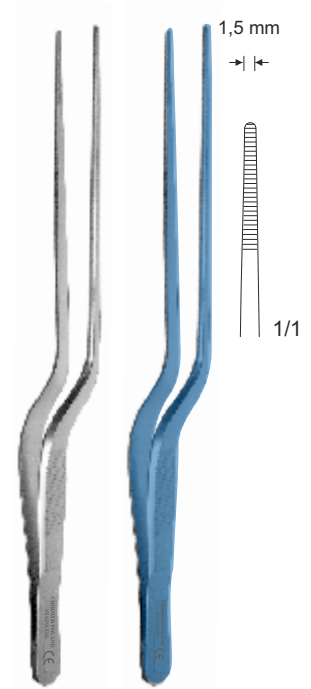
LG 18/B LG 18/B/T
 170 mm (6 3/4")
TITANIUM



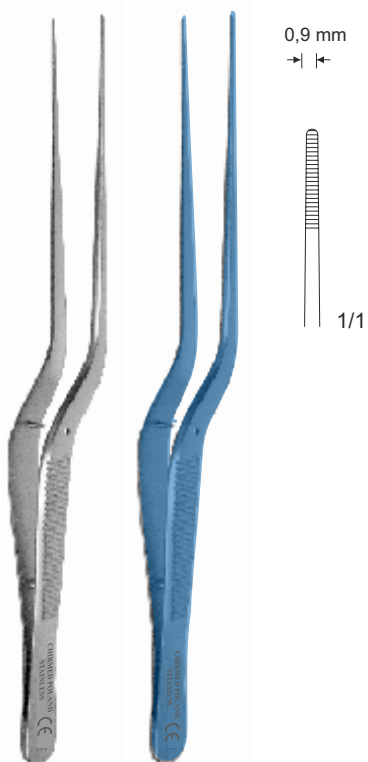
GRÜNWALD
LG 23 LG 23/T
 200 mm (8")
TITANIUM



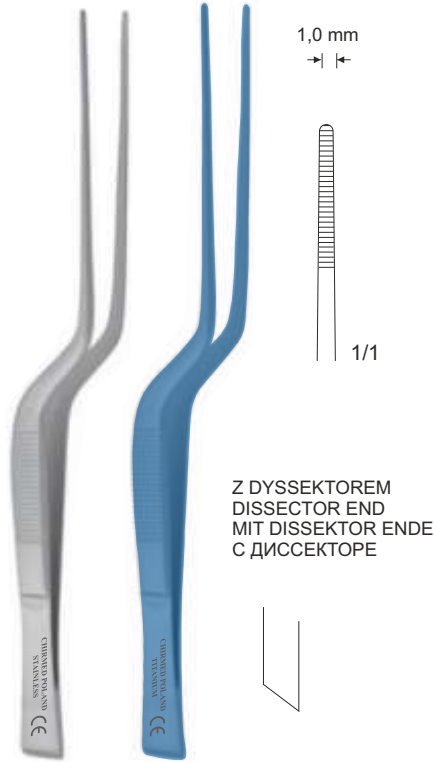
GRÜNWALD
LG 61 LG 61/T
 200 mm (8")
TITANIUM



JANZEN
LG 22 LG 22/T
 160 mm (6 1/4")
TITANIUM

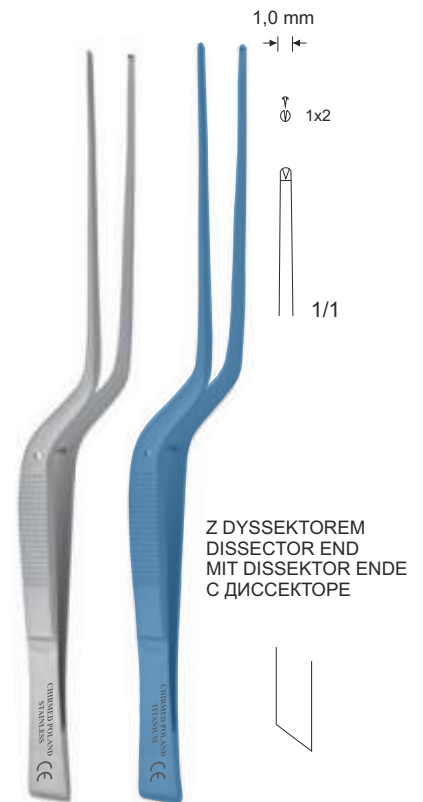


LG 19 LG 19/T
 170 mm (6 3/4")
TITANIUM



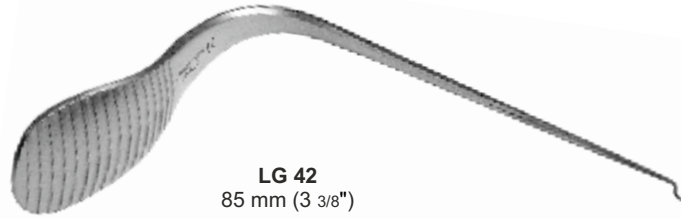
LG 18/1 LG 18/1/T
 170 mm (6 3/4")
TITANIUM

Z DYSSEKTOREM
 DISSECTOR END
 MIT DISSEKTOR ENDE
 С ДИССЕКТОРЕ

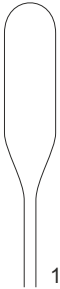


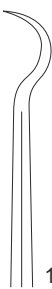
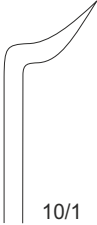




LG 18/2 LG 18/2/T
 170 mm (6 3/4")
TITANIUM

Z DYSSEKTOREM
 DISSECTOR END
 MIT DISSEKTOR ENDE
 С ДИССЕКТОРЕ

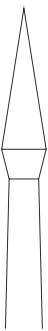
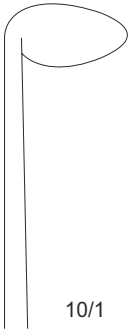
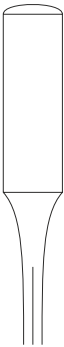
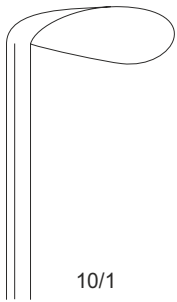
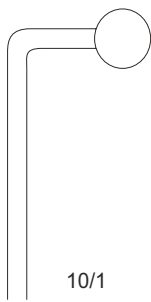
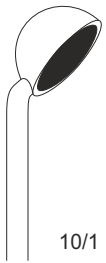
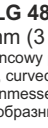


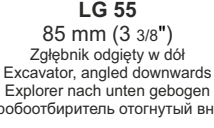

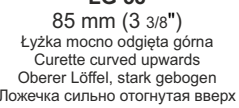



LG 42
85 mm (3 3/8")

						
LG 30 85 mm (3 3/8") Podważka odgięta w dół Elevator, angled downwards Hebel nach unten gebogen Подниматель отогнутый вниз	LG 34 85 mm (3 3/8") Igla Needle Nadel Игла	LG 35 85 mm (3 3/8") Haczyk odgięty w prawo Hook, angled right Haken nach rechts gebogen Подниматель отогнутый в левую сторону	LG 39 85 mm (3 3/8") Haczyk odgięty płaski górny Hook, flat, angled upwards Flachhaken nach oben gebogen Крючок отогнутый плоский верхний	LG 41 85 mm (3 3/8") Haczyk odwrócony górny Hook, retrograde curved upwards Haken oben umgekehrt Крючок повернутый верхний	LG 43 85 mm (3 3/8") Podważka z nacięciem lewa Elevator, notched, left Hebel, links, gekerbt Подниматель с насечкой левой	LG 45 85 mm (3 3/8") Nóż łukowy górny Sickle knife, slightly curved, upwards Messe nach unten gebogen Нож дугообразный верхний
LG 31 85 mm (3 3/8") Podważka odgięta do góry Elevator, angled upwards Hebel nach oben gebogen Подниматель отогнутый вверх		LG 36 85 mm (3 3/8") Haczyk odgięty w lewo Hook, angled left Haken nach links gebogen Крючок отогнутый в левую сторону	LG 40 85 mm (3 3/8") Haczyk odgięty płaski dolny Hook, flat, angled downwards Flachhaken nach unten gebogen Крючок отогнутый плоский нижний	LG 42 85 mm (3 3/8") Haczyk odwrócony dolny Hook, retrograde curved downwards Haken unten umgekehrt Крючок повернутый нижний	LG 44 85 mm (3 3/8") Podważka z nacięciem prawa Elevator, notched, right Hebel, rechts, gekerbt Подниматель с насечкой правый	LG 46 85 mm (3 3/8") Nóż łukowy dolny Sickle knife, slightly curved, downwards Messer nach oben gebogen Нож дугообразный нижний
LG 32 85 mm (3 3/8") Podważka odgięta w lewo Elevator, angled left Hebel nach links gebogen Подниматель отогнутый в левую сторону		LG 37 85 mm (3 3/8") Haczyk odgięty w górę Hook, angled upwards Haken nach oben gebogen Крючок отогнутый вверх				
LG 33 85 mm (3 3/8") Podważka odgięta w prawo Elevator, angled right Hebel nach rechts gebogen Подниматель отогнутый в правую сторону		LG 38 85 mm (3 3/8") Haczyk odgięty w dół Hook, angled downwards Haken nach unten gebogen Крючок отогнутый вниз				



LG 42
 85 mm (3 3/8")

					
LG 47 85 mm (3 3/8") Nóż lancowy lewy Lancet knife, curved to the left Lanzettenmesser links Нож копьёобразный левый	LG 49 85 mm (3 3/8") Nóż zaokrąglony górny 90° Round cutting knife, angled upwards 90° Oberrundschnittmesser, abgewinkelt 90° Нож заокругленный верхний 90°	LG 51 85 mm (3 3/8") Ubijak Hammer Hammer Трамбовка	LG 52 85 mm (3 3/8") Nóż płaski górny Knife, flat angled upwards Oberflachmesser Нож плоский верхний	LG 54 85 mm (3 3/8") Zgłębnik odgięty w górę Excavator, angled upwards Explorer nach oben gebogen Пробоотбиритель отогнутый вверх	LG 56 85 mm (3 3/8") Łyżka lekko odgięta górna Curette slightly curved upwards Oberer Löffel, leicht gebogen Ложечка легко отогнутая вверх
					
LG 48 85 mm (3 3/8") Nóż lancowy prawy Lancet knife, curved to the right Lanzettenmesser rechts Нож копьёобразный правый	LG 50 85 mm (3 3/8") Nóż zaokrąglony dolny 90° Round cutting knife, angled downwards 90° Unterrundschnittmesser, abgewinkelt 90° Нож заокругленный нижний 90°	LG 53 85 mm (3 3/8") Nóż płaski dolny Knife, flat angled downwards Unterflachmesser Нож плоский нижний	LG 55 85 mm (3 3/8") Zgłębnik odgięty w dół Excavator, angled downwards Explorer nach unten gebogen Пробоотбиритель отогнутый вниз	LG 57 85 mm (3 3/8") Łyżka lekko odgięta dolna Curette slightly curved downwards Unterer Löffel leicht gebogen Ложечка легко отогнутая вниз	
					
				LG 58 85 mm (3 3/8") Łyżka mocno odgięta górna Curette curved upwards Oberer Löffel, stark gebogen Ложечка сильно отогнутая вверх	
					
				LG 59 85 mm (3 3/8") Łyżka mocno odgięta dolna Curette curved downwards Unterer Löffel, stark gebogen Ложечка сильно отогнутая вниз	



ST 8630
130 mm (5 1/8")
ST 8631
150 mm (6")
ST 8632
170 mm (7 2/3")



ST 8633
130 mm (5 1/8")
ST 8634
150 mm (6")
ST 8635
170 mm (7 2/3")

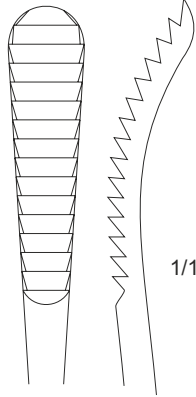


ST 8630-8632
Ø 1,6 mm

1/1

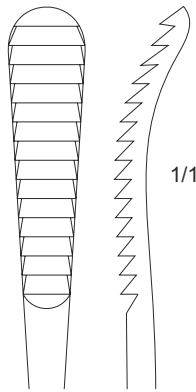


LG 28, LG 29
195 mm (7 3/5")



LG 28

1/1

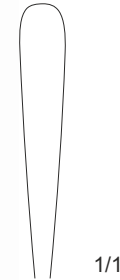


LG 29

1/1

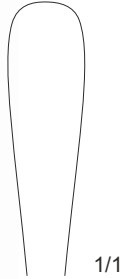


LG 20, LG 21
230 mm (9")



1/1

LG 20



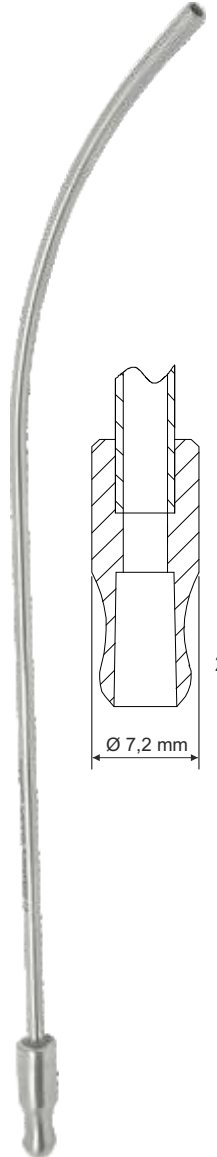
1/1

LG 21

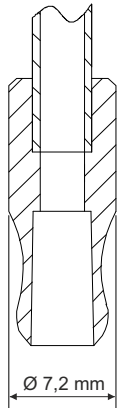


1/1

4,5 mm



LG 66
153 mm (6")



2/1

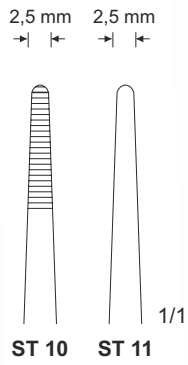
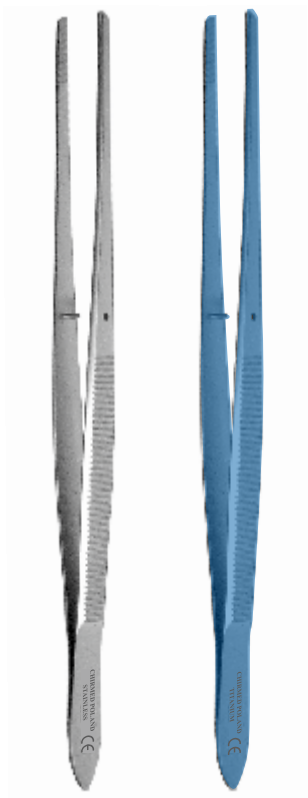
Ø 7,2 mm

CHIRMED®

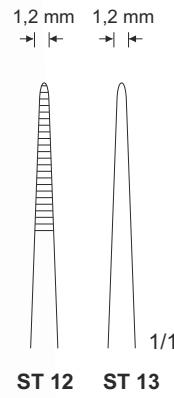
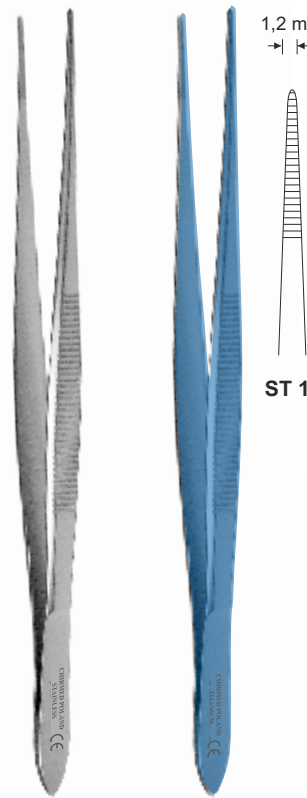
Stomatologia
Stomatology
Stomatologie
Стоматология



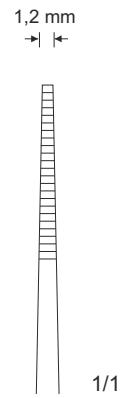
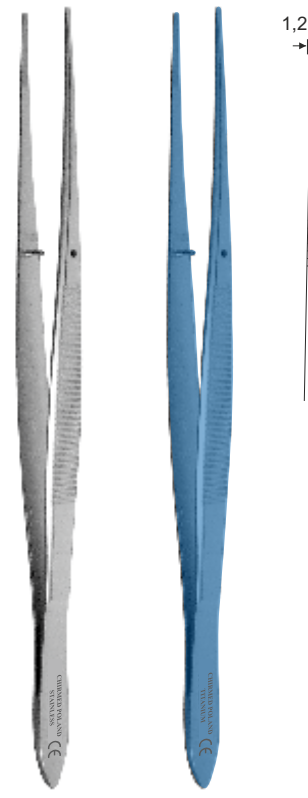
from IDEA to SOLUTION



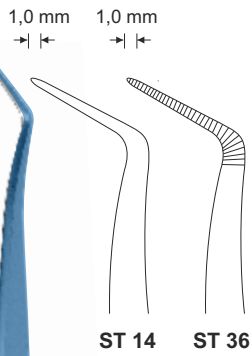
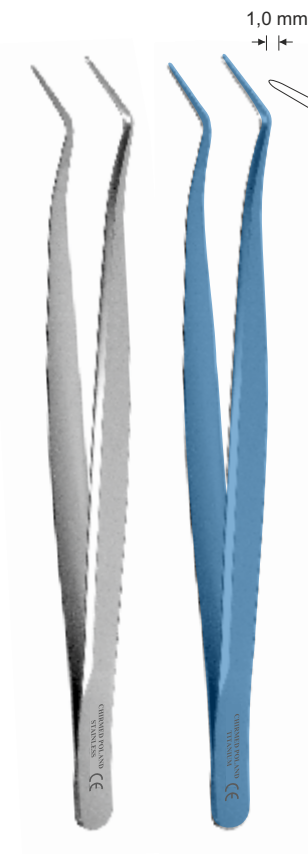
ST 10, ST 11 ST 10/T, ST 11/T
160 mm (6 1/4")
TITANIUM



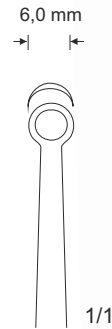
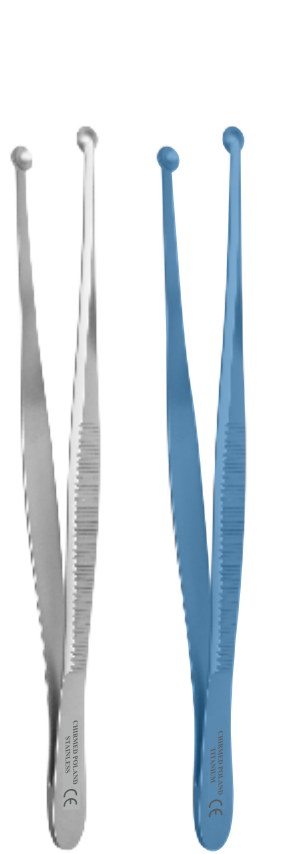
ST 12, ST 13 ST 12/T, ST 13/T
160 mm (6 1/4")
TITANIUM



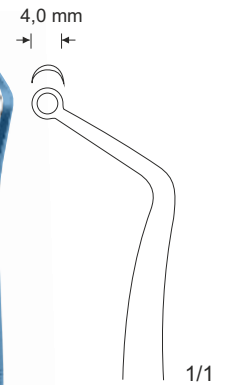
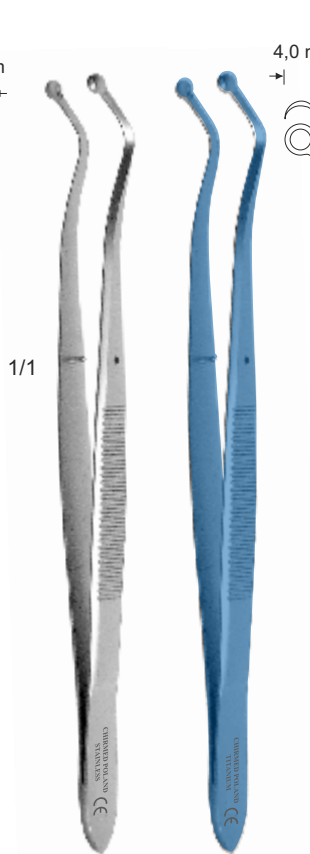
ST 76 ST 76/T
158 mm (6 1/4")
TITANIUM



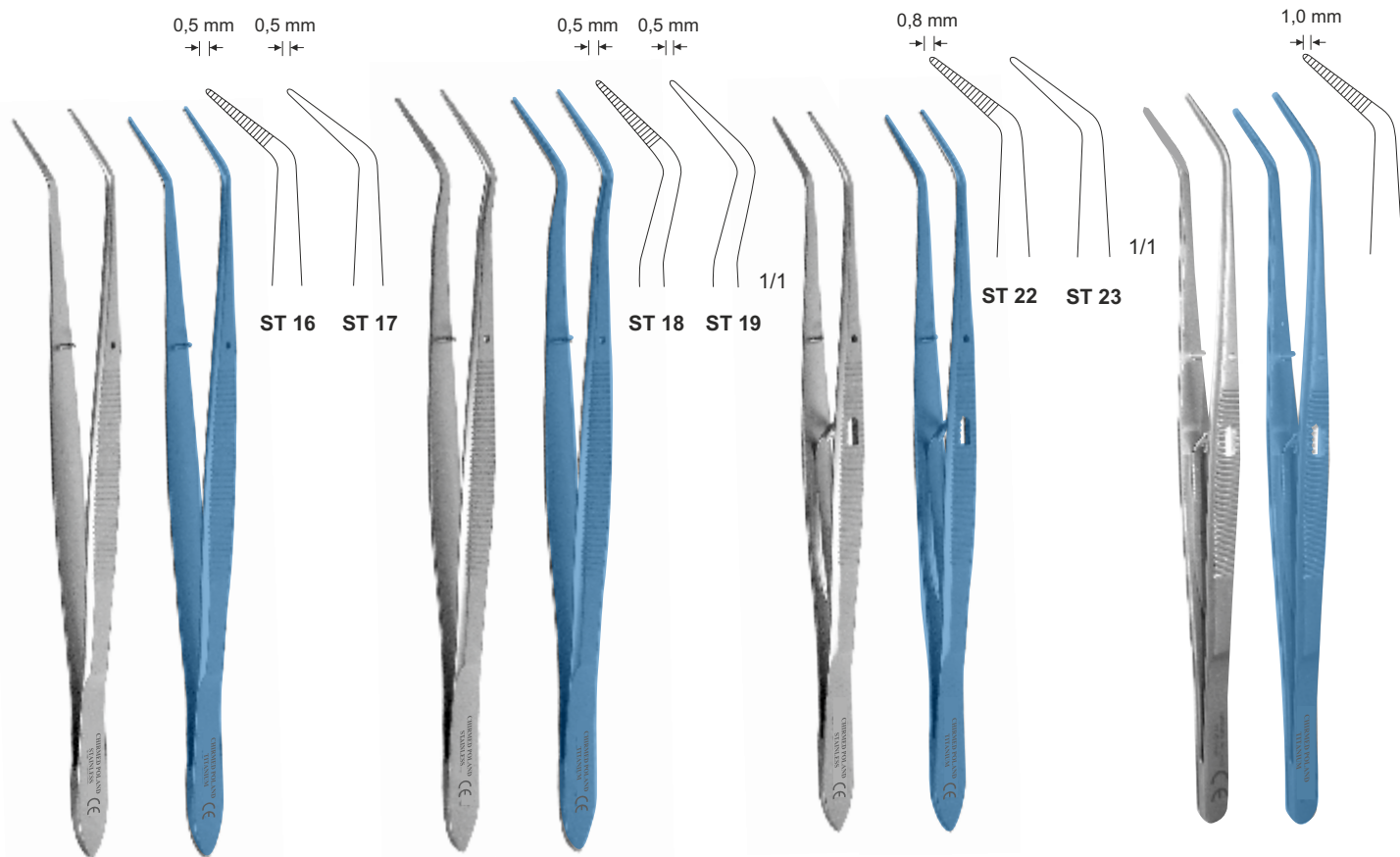
ST 14 ST 14/T
160 mm (6 1/4")
TITANIUM



ST 15/C ST 15/C/T
150 mm (6")
TITANIUM



ST 15 ST 15/T
160 mm (6 1/4")
TITANIUM



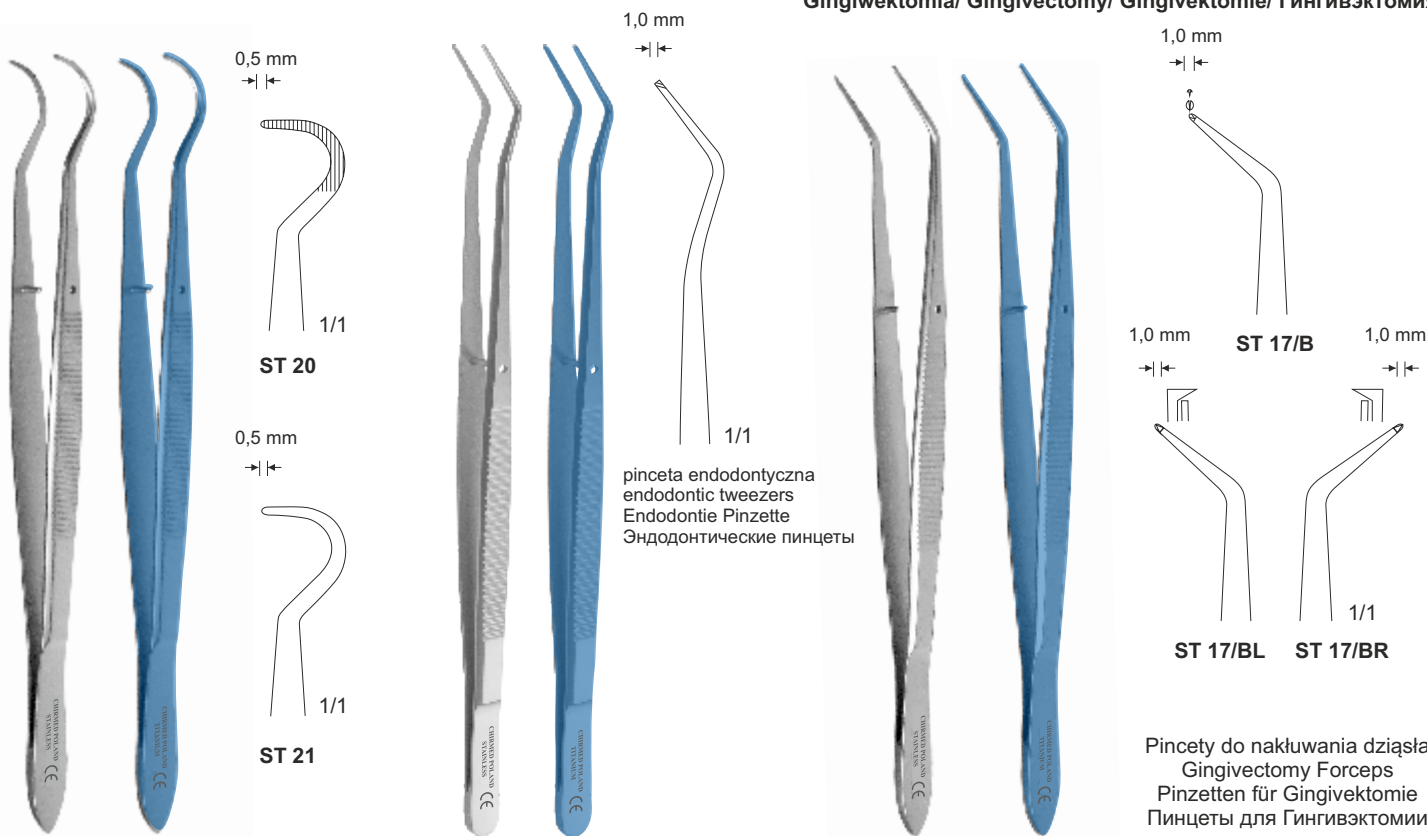
ST 16, ST 17 ST 16/T, ST 17/T
160 mm (6 1/4")
TITANIUM

ST 18, ST 19 ST 18/T, ST 19/T
160 mm (6 1/4")
TITANIUM

ST 22, ST 23 ST 22/T, ST 23/T
150 mm (6")
TITANIUM

ST 241 ST 241/T
155 mm (6")
TITANIUM

Gingiwektomia/ Gingivectomy/ Gingivektomie/ Гингивэктомия

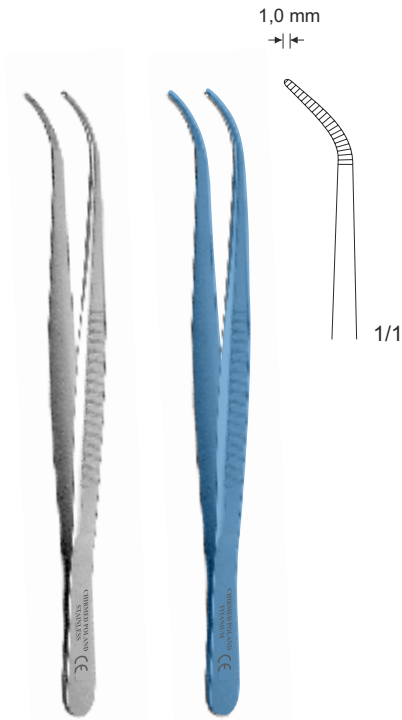


ST 20, ST 21 ST 20/T, ST 21/T
160 mm (6 1/4")
TITANIUM

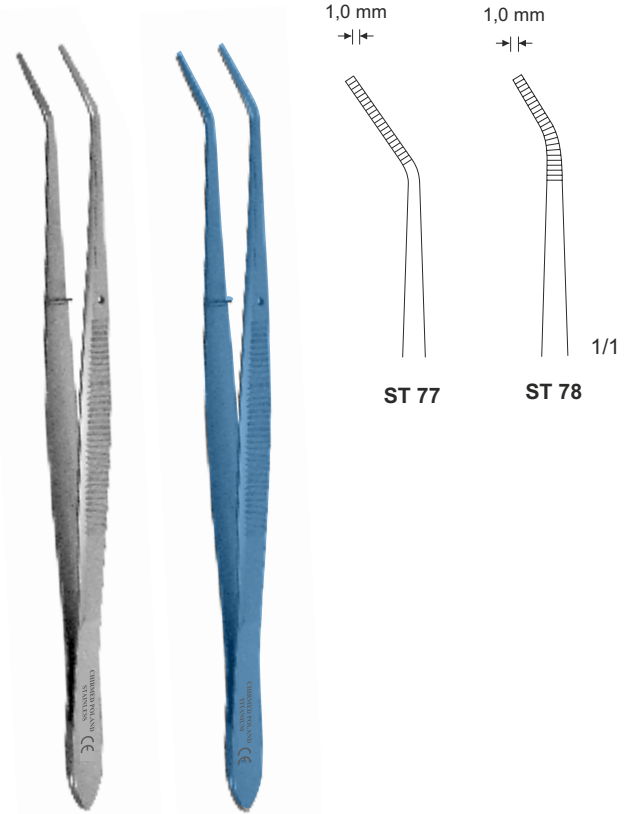
ST 231 ST 231/T
160 mm (6 1/4")
TITANIUM

ST 17/B ST 17/B/T
160 mm (6 1/4")
TITANIUM

Pincety do nakłuwania dziąsła
Gingivectomy Forceps
Pinzetten für Gingivektomie
Пинцеты для Гингивэктомии



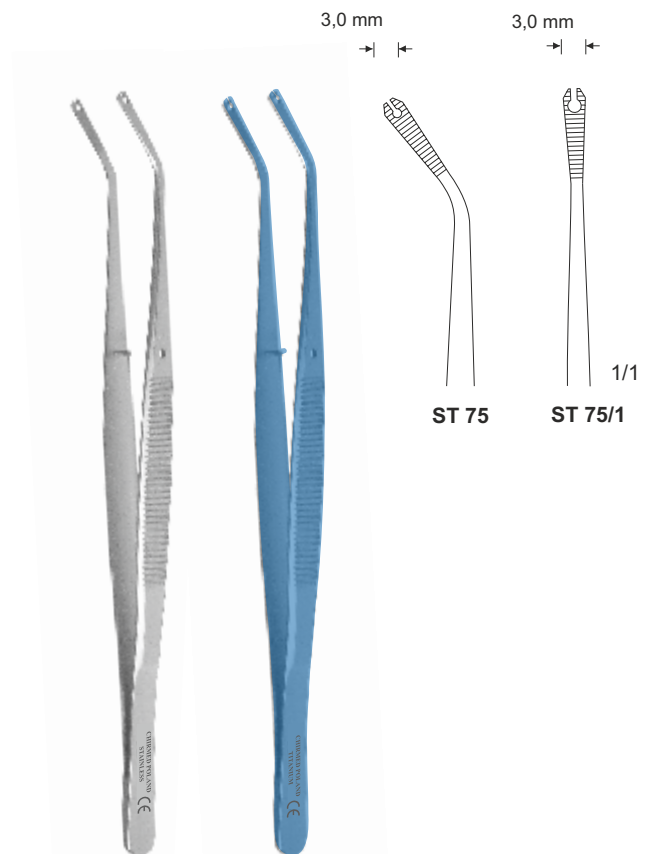
PERRY
ST 32 ST 32/T
130 mm (5 1/8")
TITANIUM



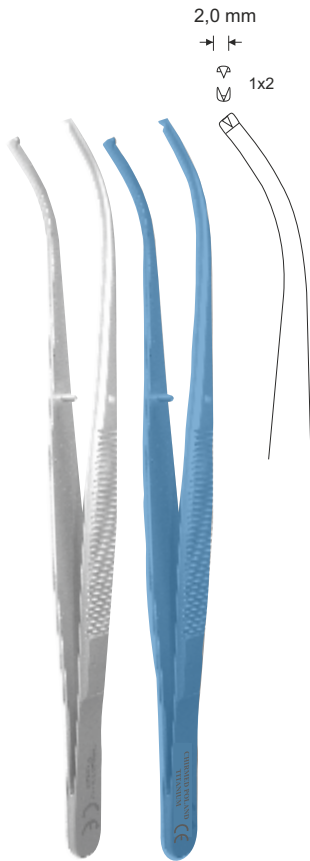
ST 77, ST 78 ST 77/T, ST 78/T
160 mm (6 1/4")
TITANIUM



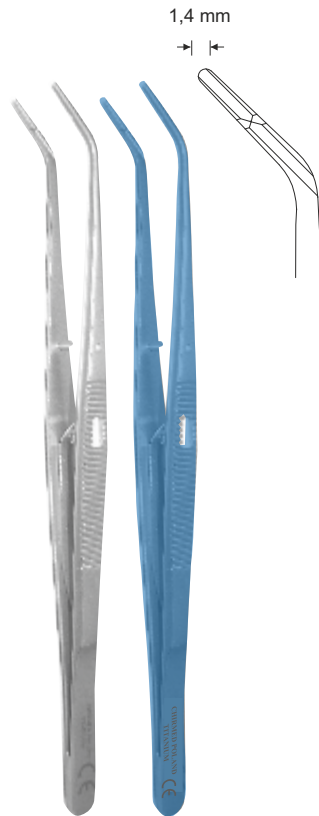
LONDON-COLLEGE
ST 33, ST 34 ST 33/T, ST 34/T
150 mm (6")
TITANIUM



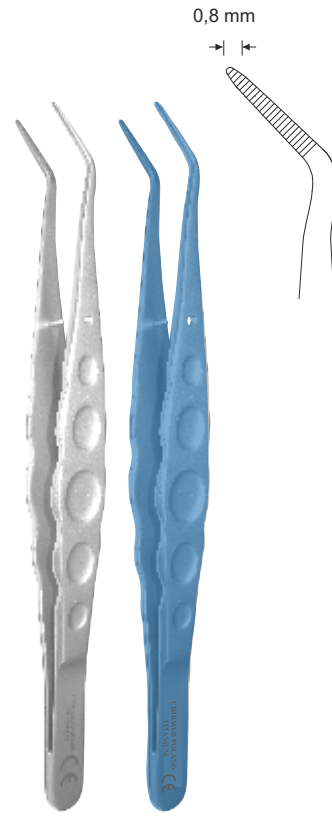
ST 75 ST 75/T
160 mm (6 1/4")
TITANIUM



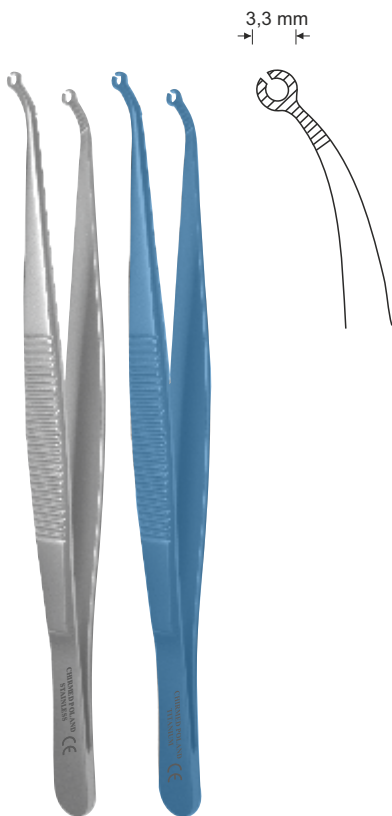
ST 240 ST 240/T
154 mm (6")
TITANIUM



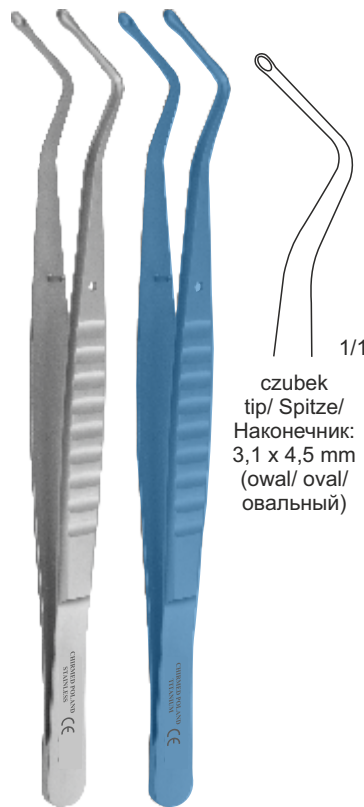
ST 242 ST 242/T
155 mm (6")
TITANIUM



ST 243 ST 243/T
150 mm (6")
TITANIUM

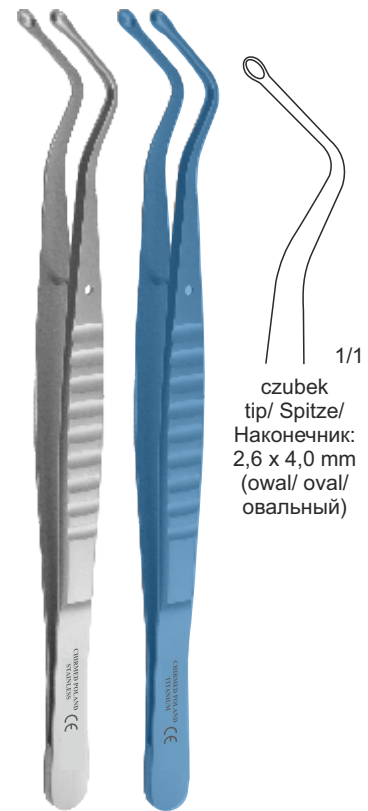


ST 244 ST 244/T
153 mm (6")
TITANIUM



ST 116 ST 116/T
160 mm (6 1/4")
TITANIUM

czubek
tip/ Spitze/
Наконечник:
3,1 x 4,5 mm
(oval/ oval/
овальный)



ST 118 ST 118/T
160 mm (6 1/4")
TITANIUM

czubek
tip/ Spitze/
Наконечник:
2,6 x 4,0 mm
(oval/ oval/
овальный)



ST 86/A
115 mm (4 1/2")



ST 86
130 mm (5")



ST 218
140 mm (5 1/2")



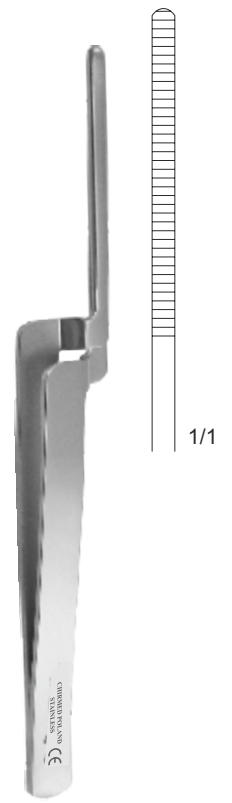
ST 220
140 mm (5 1/2")



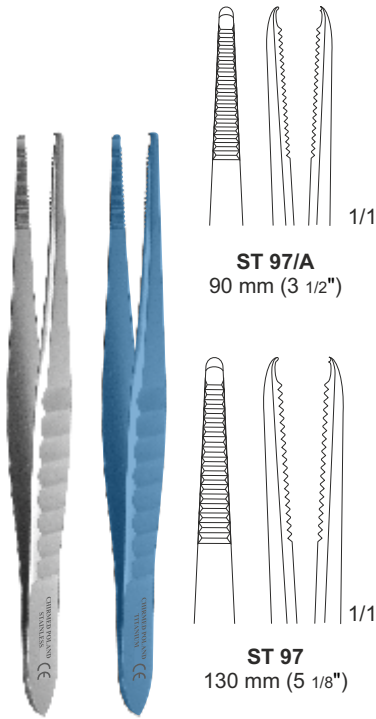
ST 221
130 mm (5")



ST 223
120 mm (4 3/4")



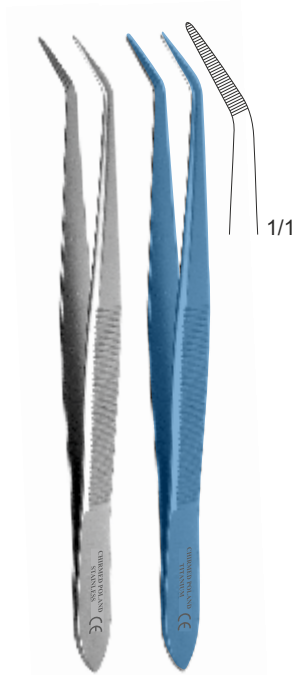
MILLER
ST 87
155 mm (6 1/8")



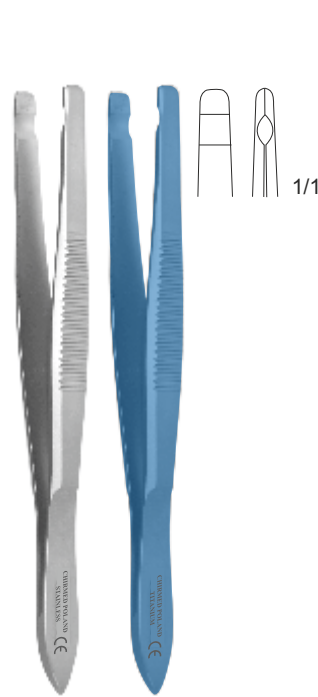
ST 97/A
90 mm (3 1/2")

ST 97
130 mm (5 1/8")

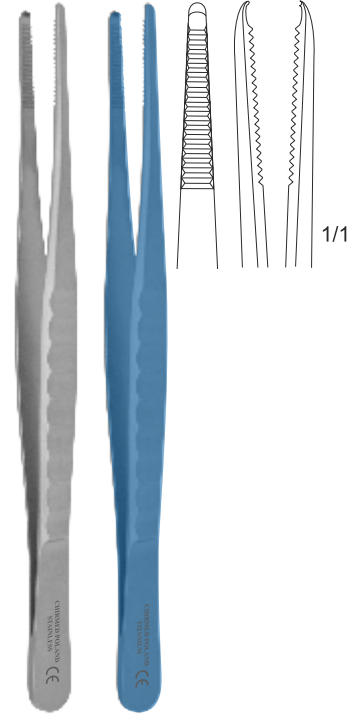
ST 97/A **ST 97/A/T**
ST 97 **ST 97/T**
TITANIUM



ST 98 **ST 98/T**
115 mm (4 1/2")
TITANIUM

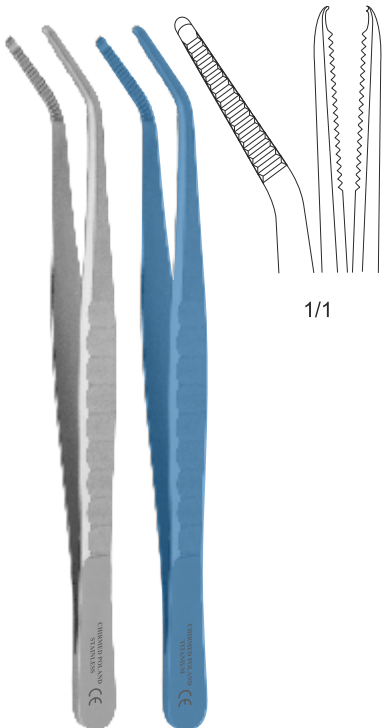


ST 99 **ST 99/T**
100 mm (4")
TITANIUM

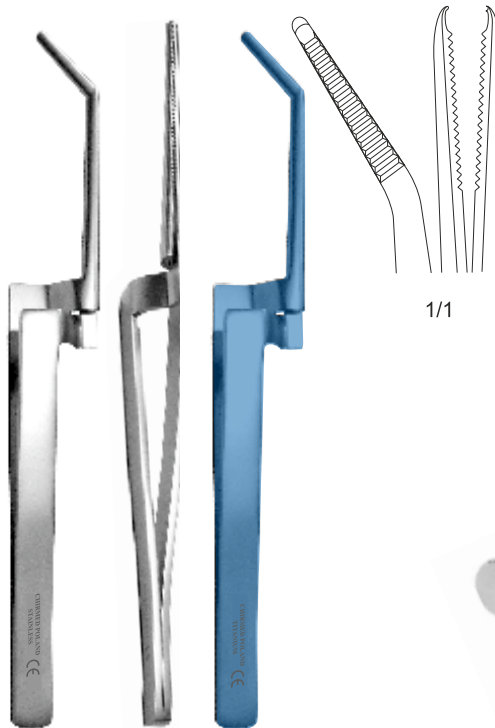


ST 101 **ST 101/T**
150 mm (6")
TITANIUM

LUSTERKA MIKRO DO RESEKCJI
MICRO MIRRORS FOR RESECTION



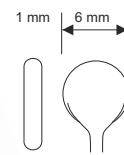
ST 102 **ST 102/T**
150 mm (6")
TITANIUM



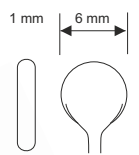
ST 106 **ST 106/T**
150 mm (6")
TITANIUM



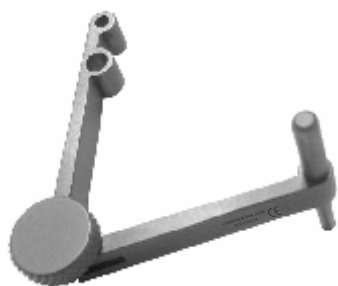
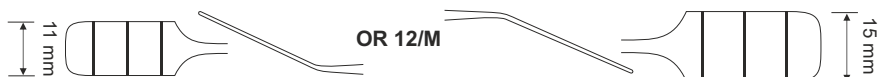
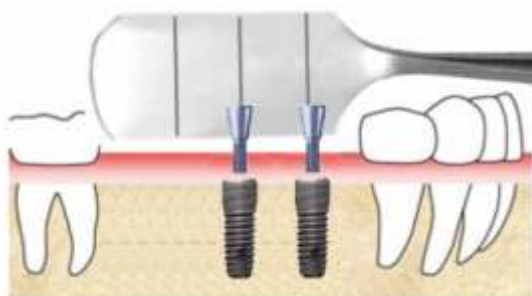
ST 2105
10 mm
okrągłe
płaskie odgięte
round,
flat, angled



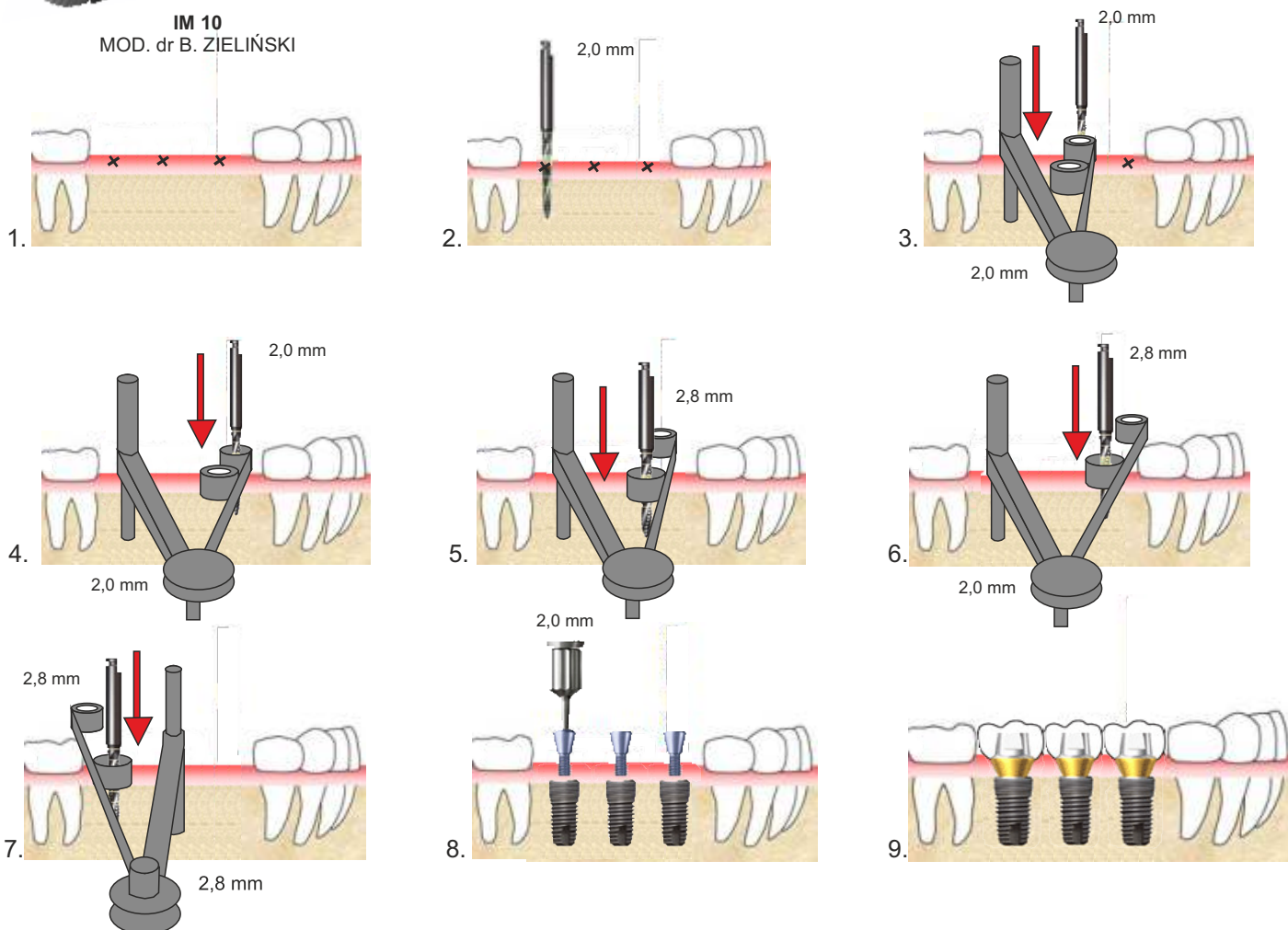
ST 2106
6 mm
okrągłe
płaskie odgięte 45°
round,
flat, angled 45°



ST 2107
6 mm
okrągłe
płaskie odgięte 60°
round,
flat, angled 60°

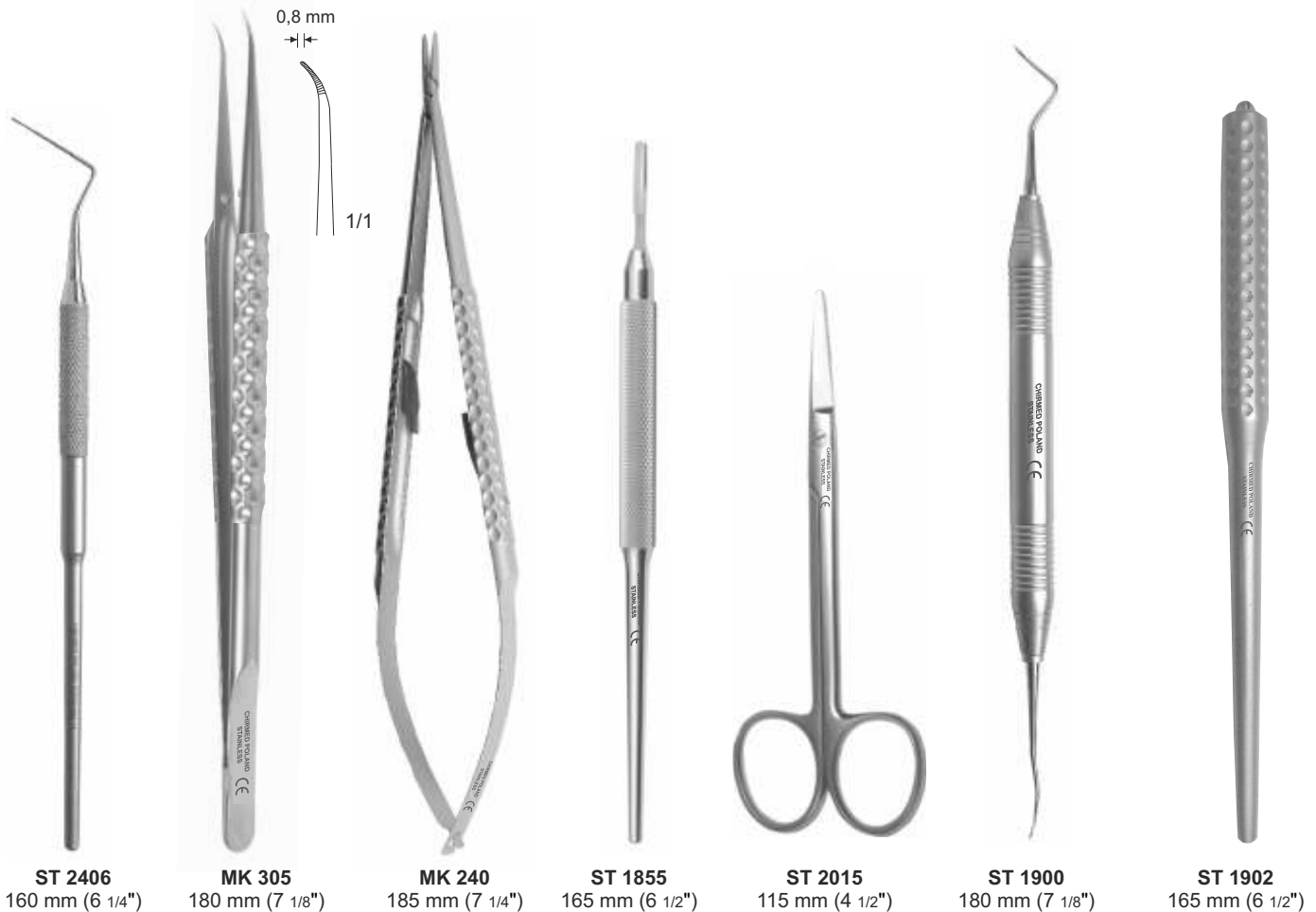


IM 10
MOD. dr B. ZIELIŃSKI

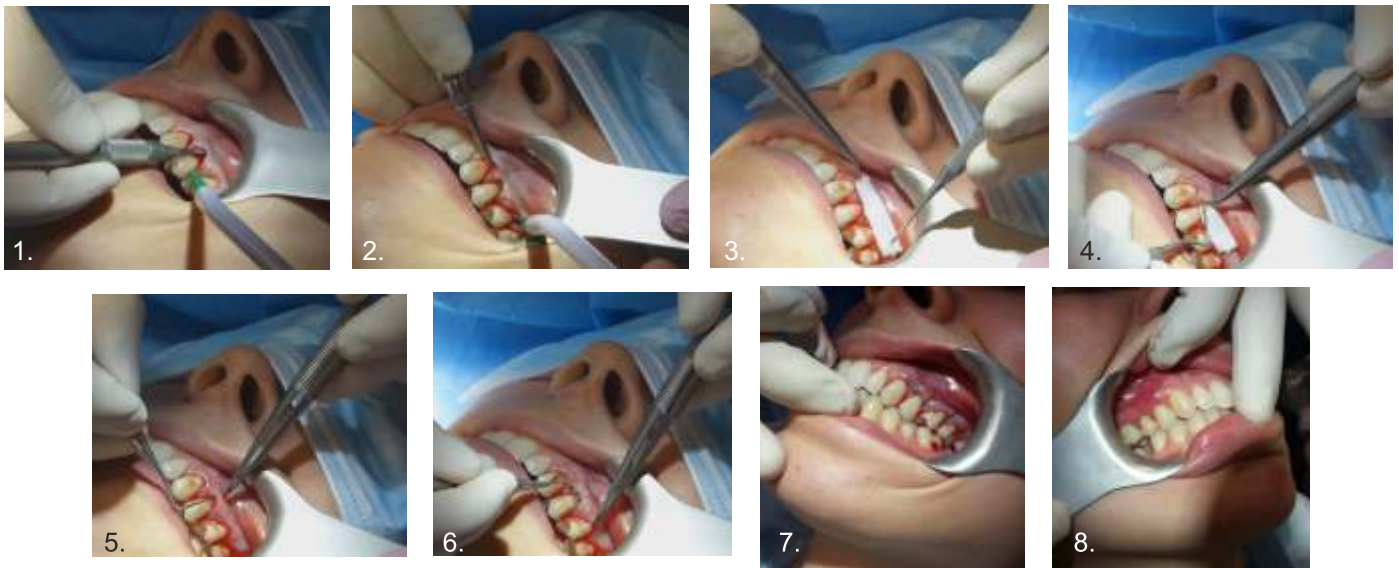


1. Zaznaczamy otwory pod implanty.
2. Nawiercamy otwory wiertłem pilotującym o średnicy 2,0 mm.
3. 4. Wkładamy cieńszy bolec w otwór o średnicy 2,0 mm i odmierzamy odległość kolejnego wszczepu. Nawiercamy otwór wiertłem pilotującym o średnicy 2,0 mm powielając czynność do wszystkich otworów.
5. 6. Rozwiercamy otwór o średnicy 2,0 mm wiertłem pilotującym o średnicy 2,8 mm powielając czynność dla wszystkich otworów.
7. Przekładamy bolec o średnicy 2,0 mm na bolec 2,8 mm i wkładamy go w dowolny wywiercony wcześniej otwór o średnicy 2,8 mm.
8. Nawiercamy ostatni otwór wiertłem pilotującym o średnicy 2,8 mm.
9. Wszczepiamy implanty o średnicy 3,5 mm.

1. Mark spots for Implant.
2. Bore \varnothing 2,0 mm hole using pilot drill.
3. 4. Put thinner pin into the hole \varnothing 2,0 mm and measure distance to the next implants. Bore all next hole using pilot drill.
5. 6. Expand hole \varnothing 2,0 mm using \varnothing 2,8 mm pilot drill. Bore all next hole using pilot drill.
7. Change the thinner pin \varnothing 2,0 mm to the thicker \varnothing 2,8 mm and put into the expanded hole \varnothing 2,8 mm.
8. 9. Insert Implant \varnothing 3,5 mm.

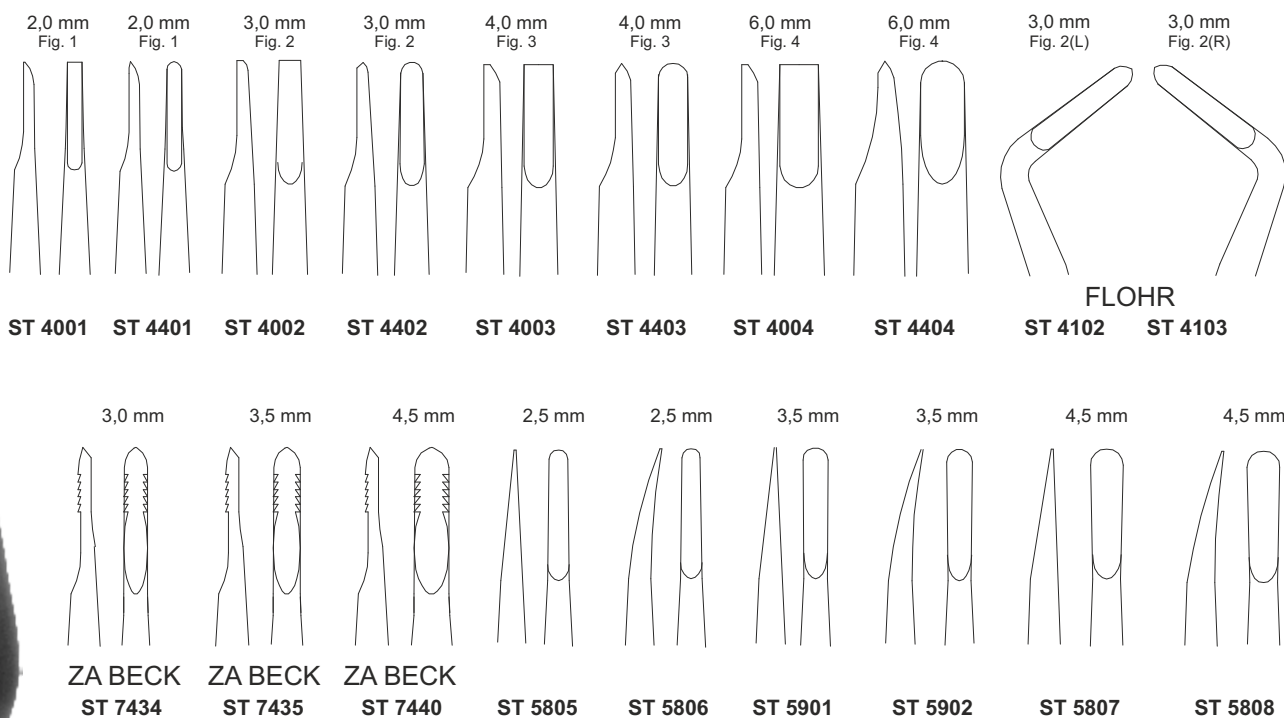


Zabieg metodą tunelową z wykorzystaniem tkanki allogennej powięzi szerokiej uda wykonywany specjalnymi narzędziami zaprojektowanymi we współpracy z Prof. Dominiak i Dr Żurek
 The tunneling treatment method using allogenic fascia lata tissue, performed with special Instruments designs in cooperation with Prof. Dominiak and Dr. Żurek.
 Die Tunnelbehandlungsmethode unter Verwendung von allogenem Fascia lata Gewebe, durchgeführt mit speziellen Instrumenten entwickelt in Zusammenarbeit mit Prof. Dominiak und Dr. Żurek.

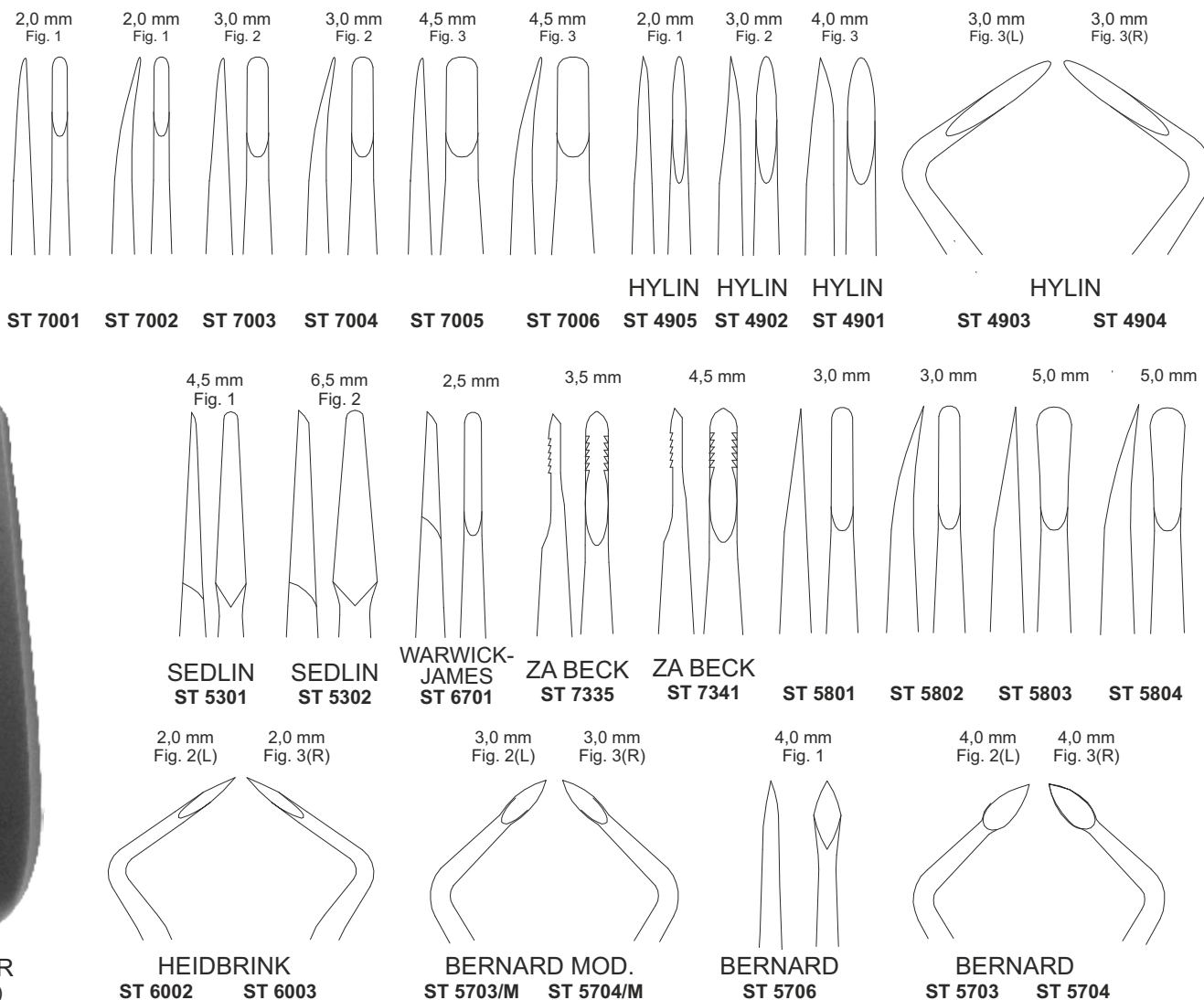


1. W obrębie zębów 24 i 25 po stronie lewej będą pokrywane recesje klasy I wg. Millera. Wykonując cięcie rowkowe za pomocą mikro skalpela zaczynamy tworzyć płat rozszczepiony (śluzówkowy).
2. Specjalnym narzędziem przygotowujemy tunel pod brodawkami dziąsłowymi oraz sprawdzamy przy jego użyciu światło tunelu, tak aby materiał allogenny mógł łatwo wprowadzić pod brodawkami w obrębie zębów 24 do 25.
3. Przymierzamy materiał, który uprzednio docinaliśmy mierząc go sondą periodontologiczną kalibrowaną co 1 mm na odpowiednią wysokość i szerokość.
4. Wprowadzamy materiał w wyprzeżony tunel.
- 5-6. Umieszczamy przeszczep w odpowiednim miejscu za pomocą sondy oraz specjalnej pincety mikrochirurgicznej.
7. Przy użyciu autorskiego szycia fiksujemy tkanke allogeną wraz z dokoronowo przesuniętym płatem.
8. Efekt końcowy zabiegu po stronie prawej wykonany metodą tunelową miesiąc wcześniej.

1. Within the teeth 24 and 25 on the left side, recession class I according to Miller will be covered. A split mucosal lobe is made by groove incision with a micro scalpel.
2. Using the special instrument, dissected tunnel under the gingival papillae is made and tunnel light is checked, so that the allogen material is able to easily enter the gingival papillae within 24 to 25 teeth.
3. The dissected material is tried on by measuring it with periodontal probe calibrated by 1 mm for a proper height and width.
4. We introduce the material in the dissected tunnel.
- 5-6. We put the graft in place by a probe and a special microsurgical forceps.
7. Using proprietary sewing, allogenic tissue with coronally displaced flap is fixed.
8. The end result of the surgery on the right side made by tunnel method, on the month before.



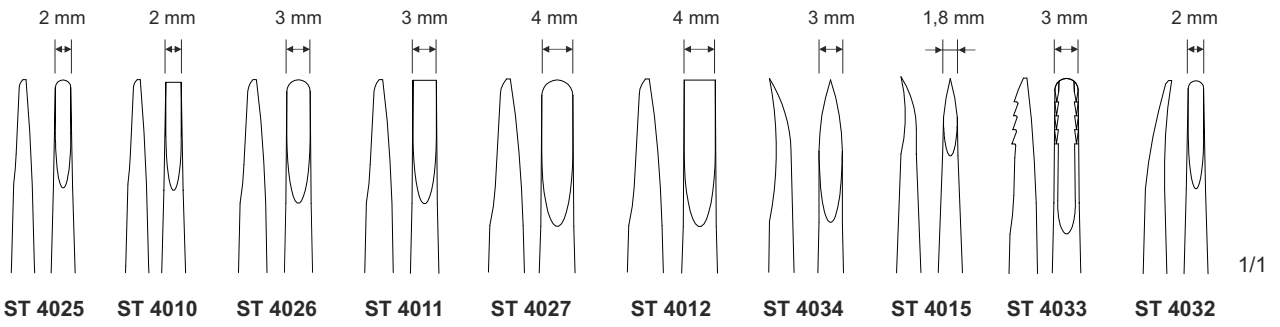
BEIN
130 mm (5")



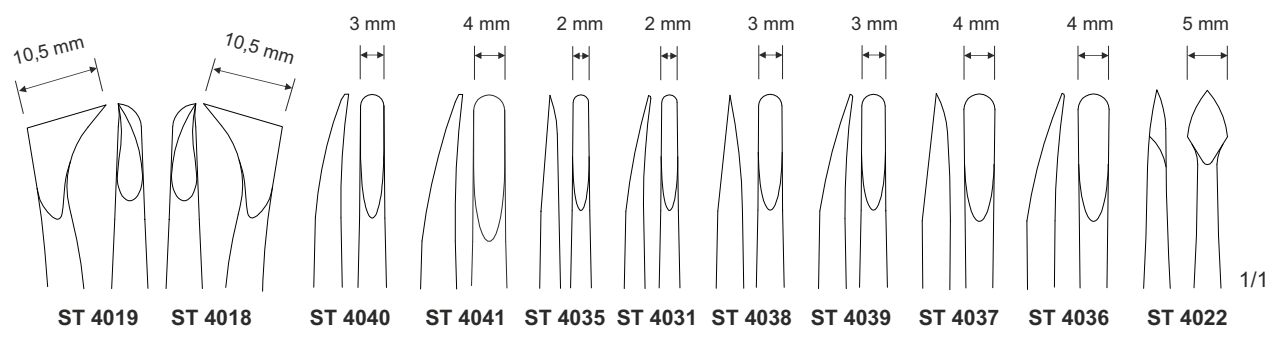
LUKSATOR
155 mm (6")



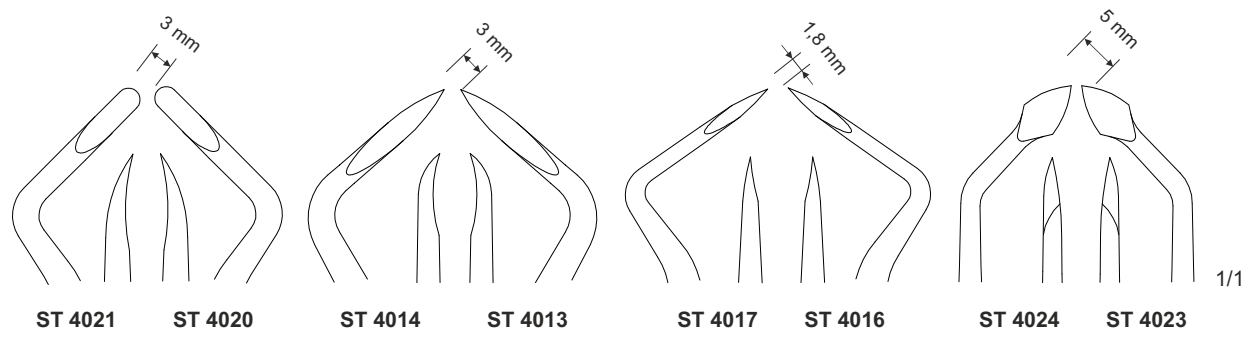
PREMIUM
151 mm (6")



1/1



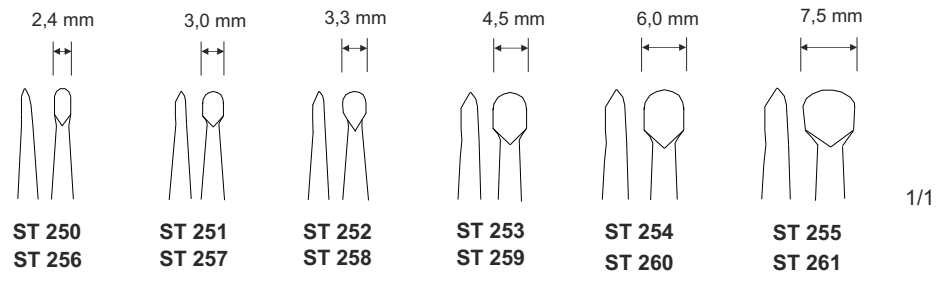
1/1



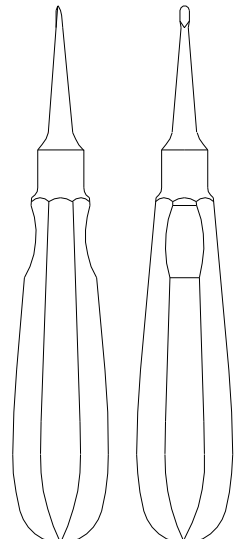
1/1



WINGED
ST 250
140 mm (5 1/2")

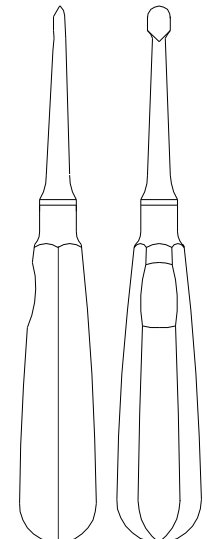


1/1



ST 250
(ST 250 - ST 255)

1/2



ST 260
(ST 256 - ST 261)

1/2



WINGED
ST 260
140 mm (5 1/2")



ST 8611 (1,0 mm) 95 mm
ST 8613 (1,2 mm) 95 mm
ST 8614 (1,5 mm) 100 mm
ST 8616 (2,0 mm) 100 mm



ST 8610 (1,0 mm) 95 mm
ST 8612 (1,2 mm) 95 mm
ST 8615 (1,5 mm) 100 mm
ST 8617 (2,0 mm) 100 mm



(1,6 mm) **ST 8630** 130 mm (5 1/8")
ST 8631 150 mm (6")
ST 8632 170 mm (7 2/3")
 (1,6 mm) **ST 8633** 130 mm (5 1/8")
ST 8634 150 mm (6")
ST 8635 170 mm (7 2/3")



ST 8620 (2,0 mm) 100 mm



VESTIBULUM ST 233



VESTIBULUM ST 234



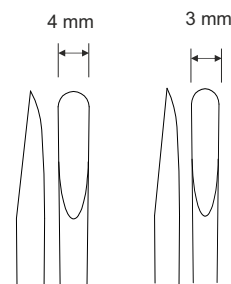
ST 7211L ST 7211R



ST 7214L ST 7214R



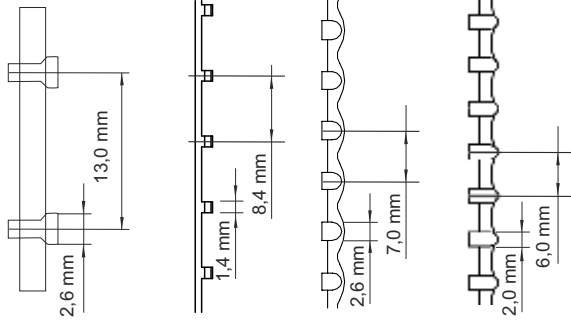
WINTER
130 mm (5")



ST 8638 ST 8639



MINI-BEIN ST 8638
145 mm (5 3/4")



ST 40 - ST 45

ST 45/16

ST 45/20

ST 45/24



ST 40
81 mm

ST 41
93 mm

ST 42
105 mm

ST 43
118 mm

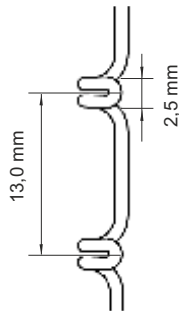
ST 44
139 mm

ST 45
144 mm

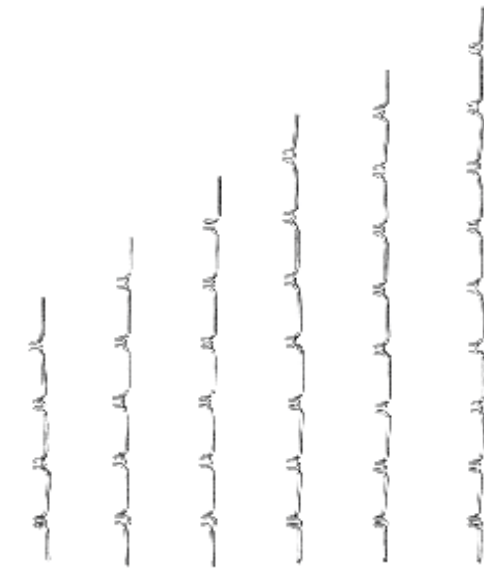
ST 45/16
150 mm

ST 45/20
140 mm

ST 45/24
155 mm



ST 91 - ST 96



ST 91
81 mm

ST 92
93 mm

ST 93
105 mm

ST 94
118 mm

ST 95
139 mm

ST 96
144 mm



ERICH
ST 121
1,0 m

Szyna stomatologiczna do stabilizacji zgryzu 1 metr długości
Dental splint for occlusion fixation 1 m
Dentalschiene für Okklusion, 1 m langlength
Железнодорожная стоматологическая
стабилизировать окклюзионной 1 метр длины

The dental wires are made of steel intended for implants, thanks to which they are characterized by high resistance to corrosion, biocompatibility and adequate smoothness thanks to a specially developed surface treatment technology.

Wires are sold in 5, 10 or 15-meter rolls. Wires with diameters 0.2 to 0.6 mm are sold on special plastic rolls to facilitate their unwinding. Soft wires are usually used for ligature (ligature wire) and cerclage (binding bone fragments). Hard wires are mainly used in prosthetics. Dental ligature wires can also be used to form clamps to correct ingrown nails (podiatry clamps).

Druty wykonane są ze stali przeznaczonej na implanty, dzięki czemu charakteryzują się wysoką odpornością na korozję oraz biokompatybilnością i odpowiednią gładkością, dzięki specjalnie opracowanej technologii obróbki powierzchni. Druty sprzedawane są w rolkach 5, 10 lub 15-metrowych.

Druty o średnicach 0,2 do 0,6 mm sprzedawane są na specjalnych plastikowych rolkach ułatwiających ich odwijanie. Druty miękkie są zazwyczaj stosowane do ligatury (drut ligaturowy) i cerklarzu (wiązania odłamów kostnych). Druty twarde są stosowane głównie w protetyce. Druty stomatologiczne ligaturowe mogą być również stosowane do formowania klamer do korekty wrastających paznokci (klamry podologiczne).

Drut Ø 1,0 mm
Wire Ø 1,0 mm
Draht Ø 1,0 mm
Проволовка Ø 1,0 мм

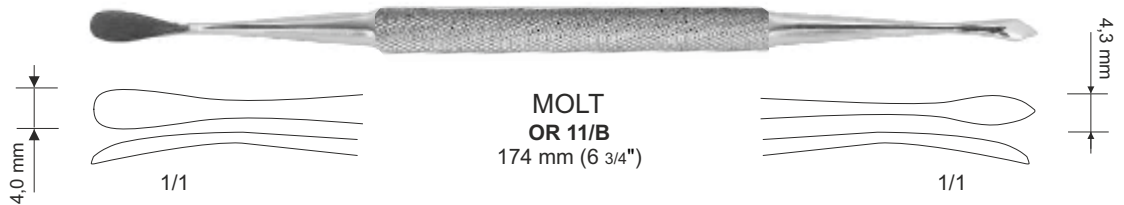
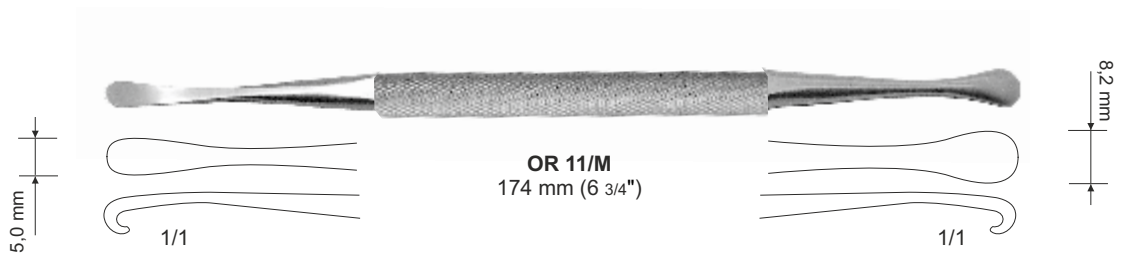
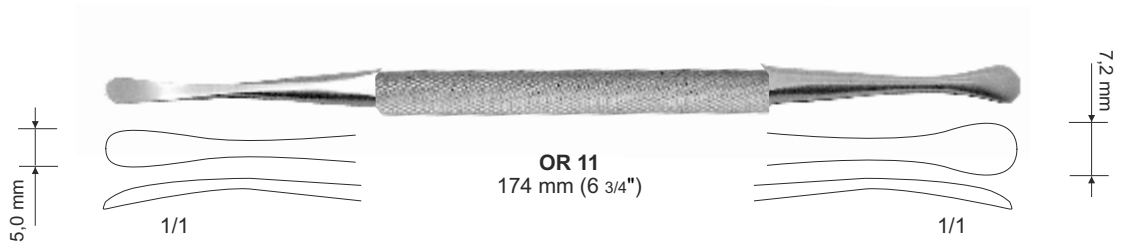
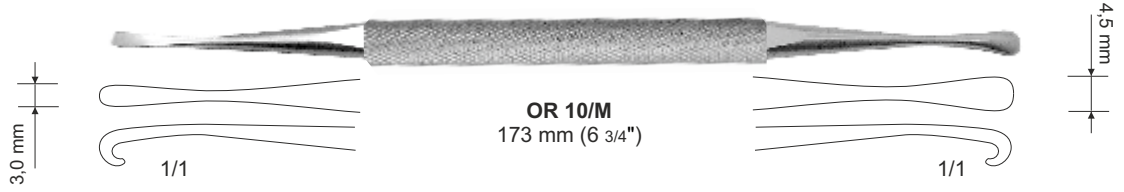
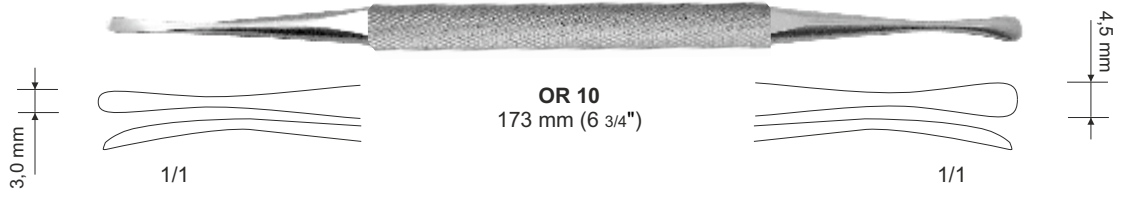


ST 52 - ST 60, ST 66 - ST 74



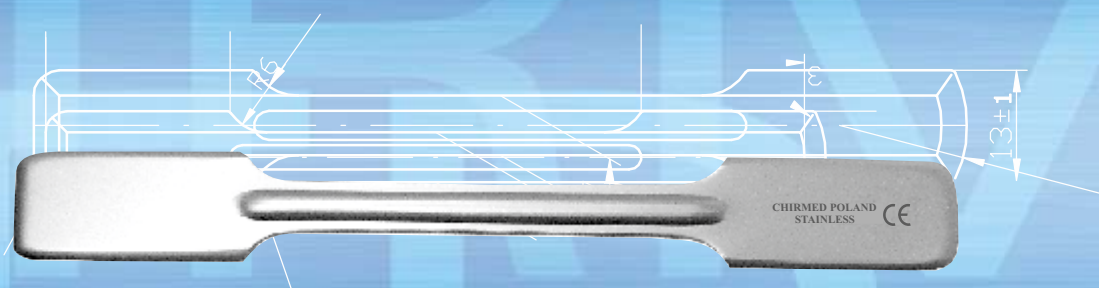
ST 47 - ST 51, ST 61 - ST 65

Średnica Diametr Durchmesser диаметр mm	Numer katalogowy Catalogue Numbers Katalognummer Каталожный номер	
	Twardy Hard Hart Жесткий	Miękki Soft Weich Мягкий
Ø 0,2	ST 47	ST 61
Ø 0,3	ST 48	ST 62
Ø 0,4	ST 49	ST 63
Ø 0,5	ST 50	ST 64
Ø 0,6	ST 51	ST 65
Ø 0,7	ST 52	ST 66
Ø 0,8	ST 53	ST 67
Ø 0,9	ST 54	ST 68
Ø 1,0	ST 55	ST 69
Ø 1,1	ST 56	ST 70
Ø 1,2	ST 57	ST 71
Ø 1,3	ST 58	ST 72
Ø 1,4	ST 59	ST 73
Ø 1,5	ST 60	ST 74

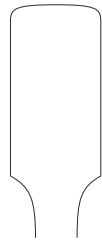


CHIRMED®

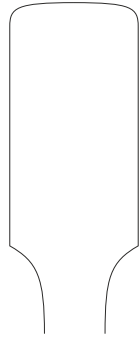
Narzędzia diagnostyczne i laboratoryjne
Diagnostic and Laboratory Instruments
Diagnostic und Labor - Instrumente
Инструменты для диагностики и лабораторий



from IDEA to SOLUTION



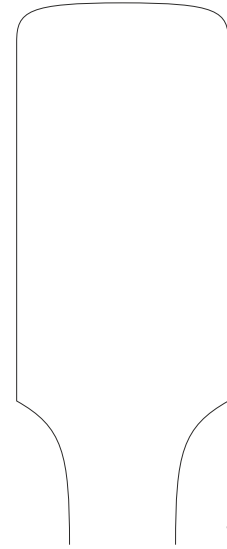
NL 10
110 mm (4 3/8")



NL 11
160 mm (6 1/4")



NL 12
210 mm (8 1/4")



NL 13
260 mm (10 1/4")

1/1

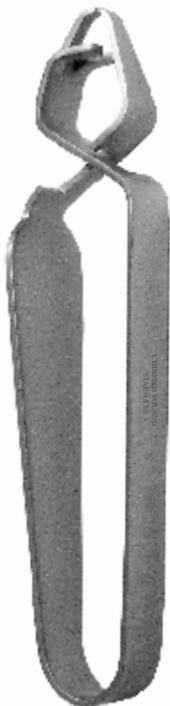
NL 10 - NL 13



NL 14
105 mm (4 1/8")



NL 14/A
105 mm (4 1/8")



NL 15
110 mm (4 3/8")



NL 16
120 mm (4 1/2")



NL 17
110 mm (4 3/8")



NL 18
145 mm (5 3/8")



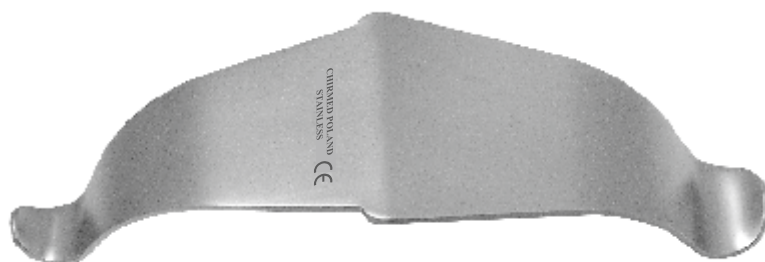
NL 27
140 mm (5 1/2")



CO 91
150 mm (6")



CO 91/1 - 91/7



CO 92
200 mm (8")

Numer katalogowy Catalogue Numbers Katalognummer Каталожный номер	Długość Length (in) Länge Длина
--	--

CO 91/1	100 mm (3 7/8")
CO 91/2	115 mm (4 1/2")
CO 91/3	130 mm (5 1/8")
CO 91/4	160 mm (6 1/4")
CO 91/5	190 mm (7 1/2")
CO 91/6	220 mm (8 2/3")
CO 91/7	250 mm (10")



BUCHWALD
LG 24
180 mm (7")



LICHTENSTEIN
CO 201
160 mm (6 1/4")



NL 28
260 mm (10 1/4")



NL 29
200 mm (9")



NL 19
150 mm (6")
NL 20
210 mm (8 4/5")



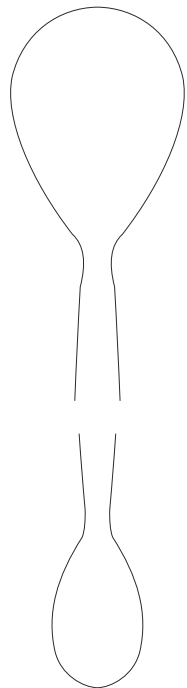
NL 21
180 mm (7")
NL 22
210 mm (8 4/5")



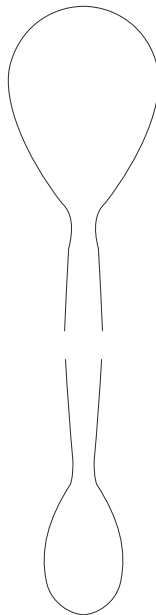
NL 23
120 mm (4 3/4")
NL 24
160 mm (6 1/4")



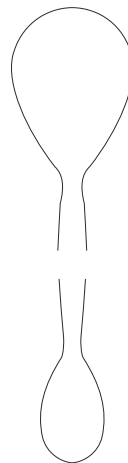
NL 25
180 mm (7")
NL 26
210 mm (8 4/5")



NL 35
300 mm (14 1/4")



NL 34
260 mm (12")



NL 33
210 mm (8 4/5")



NL 32
160 mm (6 1/4")

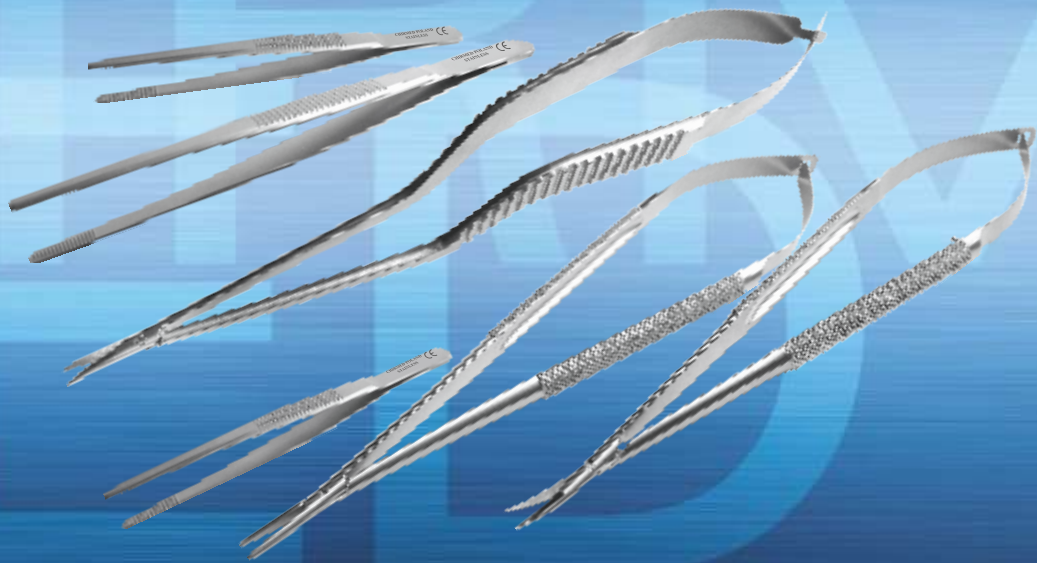


NL 31
110 mm (4 1/4")

1/2


CHIRMED®

Zestawy narzędzi
Instruments kits
Instrumentensets
Наборы инструментов



from IDEA to SOLUTION

Mały zestaw chirurgiczny Basic Surgical Set

Kod narzędzia Catalogue Number Katalognummer Номер каталога	Ilość sztuk Quantity Menge Количество
M MK 26	1
J MK 56	1
N CO 10	1
O CO 14	1
L MK 27	1
K MK 57	1
P CO 180	1
Q CO 72	1
E ST 1902	2
A CO 212	1
B ST 2071	1
C  MK 77	1
D CO 530	1
F KD 40	1
G KD 41	1
H CO 244	2
I CO 245	2



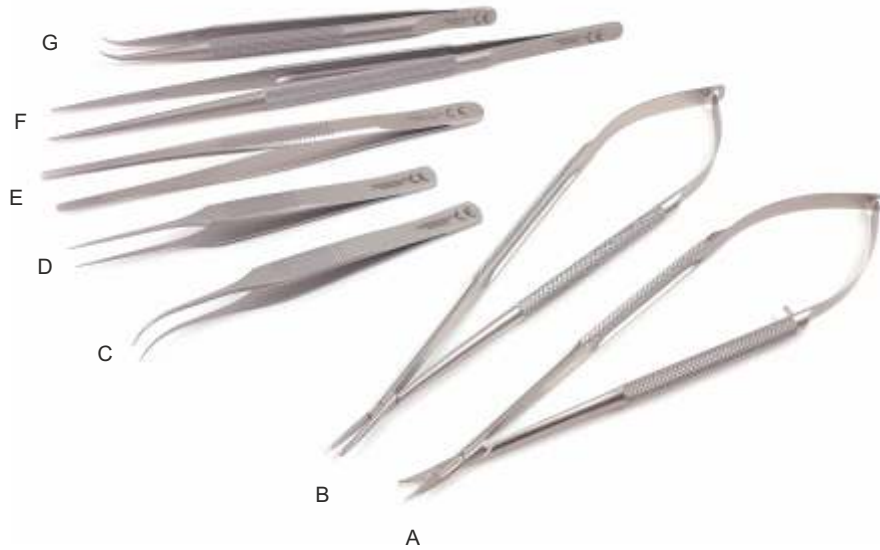
NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

Standardowy Zestaw do szwów Basic Suture Set

Kod narzędzia Catalogue Number Katalognummer Номер каталога	Ilość sztuk Quantity Menge Количество
C CO 212	1
D CO 180	1
E CO 10	1
B CO 530	1
A ST 1902	1



Zestaw do chirurgii ręki Hand Surgery Set

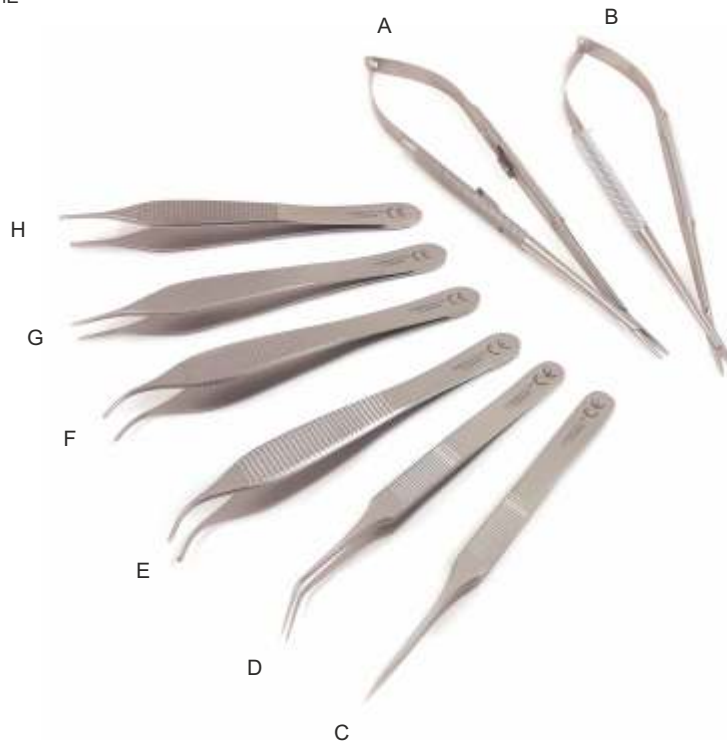



Kod narzędzia Catalogue Number Katalognummer Номер каталога	Ilość sztuk Quantity Menge Количество
C MK 46	1
D MK 45	1
G MK 61	1
F MK 345	1
E CO 13	1
A MK 317	1
B MK 78	1






NASYP DIAMENTOWY
DIAMOND COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

Podstawowy zestaw do mikrochirurgii Basic Microsurgery Set



Kod narzędzia Catalogue Number Katalognummer Номер каталога	Ilość sztuk Quantity Menge Количество
C MK 12	1
D MK 13	1
G MK 26	1
F MK 56	1
H MK 27	1
E MK 57	1
B MK 316	1
A  MK 77	1

Zestaw do mikrochirurgii poszerzony Extended Microsurgery Set

Kod narzędzia Catalogue Number Katalognummer Номер каталога	Ilość sztuk Quantity Menge Количество
L MK 12	1
M MK 13	1
K MK 58	1
J MK 59	1
I MK 70	1
H  MK 70/A	1
C MK 99	1
P MK 26	1
O MK 56	1
Q MK 27	1
N MK 40	1
A ST 1902	1
E MK 317	1
D MK 211	1
F  MK 82	1
G  MK 77	1
B CO 530	1



NASYP DIAMANTOWY
DIAMANT COATED
DIAMANTBESCHICHTUNG
АЛМАЗНОЕ ПОКРЫТИЕ

Zestaw do Chirurgii Oka Eye Surgery Set

Kod narzędzia Catalogue Number Katalognummer Номер каталога	Ilość sztuk Quantity Menge Количество
P MK 12	1
L MK 13	1
N MK 14	1
O MK 05	1
Q GE 12	1
M GE 13	1
K OK 34	1
E CO 108	1
F CO 111	1
D ST 2072	1
C MK 317	1
B MK 324	1
A OK 48	1
H OK 10	2
G OK 11	2
I OK 53	1
J OK 54	1





Półprodukty do produkcji:

- pincet
- zacisków naczyniowych
- igłotrzymaczy
- skalpeli
- haków i rozwieraczy
- podważek kostnych

Blanks for production of:

- tweezers
- vascular clamps
- needle holders
- scalpels
- hooks and spreaders
- bone levers

Usługi wytwarzania kontraktowego:

- gotowe produkty medyczne i niemedyczne
- usługi obróbki metali

Subcontracting services:

- finished medical and non-medical products
- services for metal working



Nasze usługi obejmują niemal wszystkie procesy, które są wykorzystywane do produkcji narzędzi chirurgicznych, w tym głównie procesy obejmujące obróbkę plastyczną, powierzchniową metali, obróbkę skrawaniem, włączając zaawansowane technologie obróbki sterowanej numerycznie.

Our services cover almost all processes that are used to manufacture surgical instruments, including mainly processes involving plastic working, surface treatment of metals, machining, including advanced numerically controlled machining technologies.

Usługa regeneracji narzędzi

Na uwagę zasługuje usługa regeneracji narzędzi chirurgicznych pozwalająca zużyтым narzędziom przywrócić w większości przypadków pierwotną funkcjonalność i wygląd. Nasza usługa regeneracji jest objęta certyfikowanym systemem zarządzania jakością wg normy ISO 9001 co gwarantuje najwyższy poziom świadczonych usług i bezpieczeństwo użytkownika zregenerowanych narzędzi, które są poddawane takim samym rygorystycznym testom funkcjonalnym jak nowe narzędzia. Regeneracja narzędzi obejmuje kompleksową usługę, w skład której wchodzi:

- ostrzenie
- poprawianie stanu powierzchni poprzez szlifowanie, matowanie, polerowanie, polerowanie elektrochemiczne, pasywację
- wymianę uszkodzonych części narzędzi i ich uzupełnianie
- konserwację
- ustawianie prawidłowej pracy narzędzi
- znakowanie (laserowe i elektrochemiczne)
- testy funkcjonalne

Repair service

Noteworthy is the service of regeneration of surgical instruments allowing the used instruments to restore the original functionality and appearance in most cases. Our regeneration service is covered by a certified quality management system according to the ISO 9001 standard, which guarantees the highest level of services and safe use of reconditioned instruments that are subjected to the same rigorous functional tests as new instruments.

Regeneration of instruments includes a comprehensive service, which includes:

- sharpening
- improving the surface condition by grinding, matting, polishing, electrochemical polishing, passivation
- replacement of damaged tool parts and their replenishment
- maintenance
- setting the correct work of tools
- marking (laser and electrochemical)
- functional tests

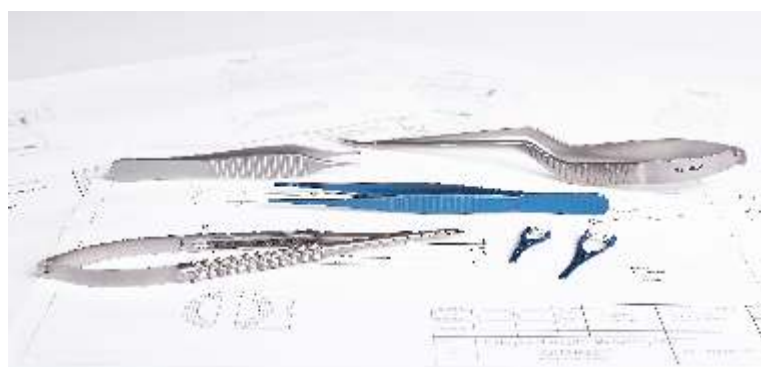
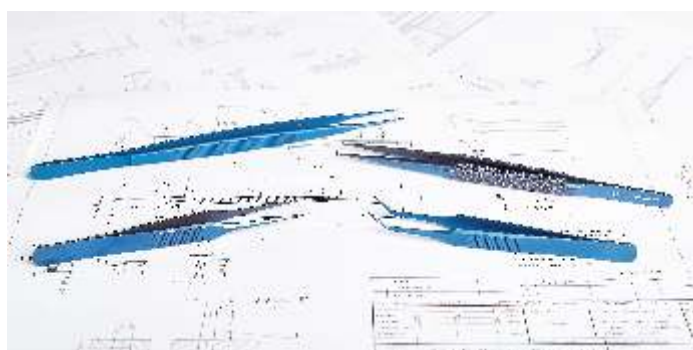


Usługi B&R

- Opracowanie prototypów narzędzi
- Badania prototypów
- Wykonanie dokumentacji projektowej
- Produkcję seryjną narzędzi

R&D services

- Development of prototypes
- Testing of prototypes
- Preparation of project documentation
- Serial production of instruments



CHIRMED®

Spis alfabetyczny i numeryczny
Alphabetical and Numerical Index
Alphabetischer und numerischer Index
Алфавитный и числовой индекс

A-Z

0-9



from IDEA to SOLUTION

A		HEATH, Młotek	96
ADSON , Pinceta anatomiczna	22	HEIDBRINK , Dźwignia korzeniowa	116
Pinceta chirurgiczna	32	HOHMANN , Podważka kostna	84-89
ADSON-BROWN , Pinceta anatomiczna	29	HOHMANN-ALDINGER , Podważka kostna	86
B		HUNTER , Pinceta anatomiczna	26
BARRAQUER , Imadło mikrochirurgiczne	59	HYLIN , Dźwignia korzeniowa	116
BEER , Pinceta epilacyjna	23	I	
BEIN , Dźwignia korzeniowa	116	Igła do mikrochirurgii ucha	104
BENNETT , Podważki kostne	87	Igłotrzymacze z twardą wkładką	60
BERGMAN , Skalpel	42	Imadła mikrochirurgiczne	54-59
BERNARD , Dźwignia korzeniowa	116	Imadła z twardą wkładką	60
BERNARD MOD , Dźwignia korzeniowa	116	IRIS , Nożyczki chirurgiczne	47
BISHOP-HARMON , Pinceta mikrochirurgiczna	11,38	J	
BUCHWALD , Szpatułka dwustronna	125	JANSEN , Pinceta bagnetowa	103
BUSER , Elewator, raspator	122	K	
C		Kaniule	106,119
CASPAR , Rozwieracz szyjny	74	Klucze	97
CASTROVIEJO , Imadło mikrochirurgiczne	54,58	KOCHER-LANGENBECK , Hak	68
COLLEGE , Pinceta stomatologiczna	110	L	
COBRA , Podważka kostna	89	LAMBOTTE , Dłuto	100
COOLEY , Pinceta naczyniowa	30	Hak	70
COOLEY , Zacisk naczyniowy	52	Osteotom	100
CUSHING , Pinceta anatomiczna	27	LANGENBECK , Hak	68
D		Nóż	43
DAHMEN , Osteotom	99	LANGE-HOHMANN , Podważka kostna	85
DE BAKEY , Pinceta atraumatyczna	19,20,30,31	LICHTENSTEIN , Szpatułka dwustronna	125
DE BAKEY STANDARD , Pinceta atraumatyczna	31	LISTON , Nóż	43
DESMARES , Haczyk do powiek	65	LONDON-COLLEGE , Pinceta stomatologiczna	111
Dłuta	98-100	LUCAE , Pinceta bagnetowa	102
Drut stomatologiczny	120	LUKSATOR , Dźwignia korzeniowa	116
Dźwignie korzeniowe	116-118	Lusterka do resekcji	114
E		Ł	
ERICH , Szyna stomatologiczna	120	Łopatki apteczne	124,125
F		Łyzeczki	126
FARABEUF , Hak	67	Łyzeczki do mikrochirurgii ucha	105
FEILCHENFELD , Pinceta anatomiczna	26	Łyzeczki kostne	95
FOERSTER , Pinceta chirurgiczna delikatna	11,38	Łyzeczko - łyżeczki	126
FLAGG , Pinceta stomatologiczna	110	M.	
FLOHR , Dźwignia korzeniowa	116	MAYO-HEGAR , Imadło z twardą wkładką	60
FUKUDA , Podważka pierścieniowa do stawu barkowego	94	MC INDOE , Pinceta anatomiczna	30
G		Pinceta chirurgiczna	30
GELPI , Rozwieracz do ran	72	MEDIUM , pinceta anatomiczna	26
GERALD , Pinceta chirurgiczna	21,27	pinceta chirurgiczna	37
GLOVER , Zacisk naczyniowy	52	MERIAM , Pinceta stomatologiczna	110
GRAEFE , Pinceta atraumatyczna	29	MILLER , Pinceta anatomiczna	113
GRUNWALD , Pinceta bagnetowa	103	Podważka kostna	89
H		MIKRO-ADSON , Pinceta anatomiczna	22
Haczyk do nitki ścięgnistych	78	Pinceta chirurgiczna	32
Haczyki do mikrochirurgii ucha	104	Młotki	96
Haki	64-70	MOLT , Elewator, raspator	122
Haki brzuszne	75	N	
Haki do powiek	65	Narzędzia do implantologii	115
Haki do przedsińków	78,82	Narzędzia do operacji cieśni nagdarstka	90
Haki do ran i tchawicy	64	Narzędzia pomocnicze	125
Haki oczne	65	Narzędzia z twardą wkładką	39
Hak sekcyjny	67	Noże	43
		Nożyczki chirurgiczne	46,47

Nożyczki do ściągania szwów	47	RUSSIAN , Pinceta do guzów	10
Nożyczki mikrochirurgiczne	48	S	
Nożyczki stomatologiczne	47	SCHUMACHER , Podważka kostna	86
Nożyki do mikrochirurgii ucha	104,105	SCHUMACHER mod. WAGNER ,	86
O		Podważki kostne	84-89, 92-94
OBWEGESER , Hak	69	SEDLIN, Dźwignia korzeniowa	116
OLLIER , Hak	70	SEMB , Hak	70
Osteotomy	99,100	SEMKEN , Pinceta anatomiczna	27
P.		Pinceta chirurgiczna	37
PERRY , Pinceta stomatologiczna	111	Skalpele	42,44
Pilnik do przegrody nosowej	106	Skrobaczki kostne	98,99
Pincety		SOKOŁOWSKI , Podważka kostna	87
anatomiczne	24-26	Sonda proktologiczna	62
anatomiczne i chirurgiczne	27,28	SPENCER , Nożyczki do ściągania szwów	47
anatomiczne delikatne	11,23	STANDARD , Pinceta anatomiczna	24
atraumatyczne	29-31	Pinceta chirurgiczna	35
bagnetowe	102,103	Pinceta DE BAKEY	30
chirurgiczne	35-37	Nożyczki chirurgiczne	46
chirurgiczne delikatne	32-34	Standardowy Zestaw do szwów	128
do genetyki	8	STREAMLINE , Nożyczki mikrochirurgiczne	48
do guzów	10	SWEDISH MODEL , Pinceta anatomiczna	25
do implantów	114	Szpatułki	125
do szycia	9,111,112	Szydło do kości	94
do zakładania zacisków	30	Szyny stomatologiczne	120-121
entomologiczne	40	Ś	
filatelistyczne	40	Śrubokręty	97
laboratoryjne	124	T	
mikrochirurgiczne, model jubilerski	6-9	TROELTSCH , Pinceta odgięta	102
mikrochirurgiczne z kółkiem	9,21	Trzonek do mikroskalpela	44,119
mikrochir. z okrągłą rączką chirurgiczne	18	U	
mikrochir. z okrągłą rączką	12-18	Ubijak do mikrochirurgii ucha	105
mikrochir. z okrągłą rączką DE BAKEY	19,20	V	
mikrochirurgiczna z kowadełkiem	17,21	VERBUGGE-MULLER , Podważka kostna	85
mikrochirurgiczne z kółkiem	15,16,21	VESTIBULUM , Hak policzkowy	118
ortodontyczne	113	VIRCHOW , Nóż sekcyjny	42
stomatologiczne	108-112	VOLKMANN , Łyżeczka kostna	95
torakoskopowe	79	W	
z twardą wkładką	39	WAGNER , Podważka kostna	84
Platforma stabilizująca do chirurgii ręki	91	Skrobaczka kostna	99
Pobijaki	97	WARWICK-JAMES, Dźwignia korzeniowa	116
Podważki do mikrochirurgii ucha	104	WAUGH , Pinceta chirurgiczna	37
Podważki kostne	84-89, 92-94	WEITLANER , Rozwieracz do ran	72
PREMIUM , dźwignia korzeniowa	117	WELDON MINIATURE , Zacisk naczyniowy	50
Prowadnik do Turniętu	78	WINTER , Dźwignia korzeniowa	117
R		WINGED , Dźwignia korzeniowa	117
Rama do powłok brzusznych	75	Z	
Raspatory	106,122	ZA BECK , Dźwignia korzeniowa	116
ROSTKOWSKI, Hak do powiek	65	Zaciski naczyniowe	50-52
Rozszerzadła do naczyń	62	Zestaw chirurgiczny mały	128
Rozszerzadło kanalikę łzowego	76	Zapinka do sterylizacji	125
Rozwieracz		Zestaw do chirurgii oka	130
do Mammarii	81	Zestaw do chirurgii ręki	129
do mostka dziecięcy	80	Zestaw do dekompresji endoskopowej nadgarstka	93
do mostka i żeber	80	Zestaw do mikrochirurgii podstawowy	129
do powłok brzusznych	75	Zestaw do mikrochirurgii poszerzony	130
do ran	72-73	Zestaw do mikrochirurgii ucha	104-105
okulistyczny	76		
szyjny	73		
żeber	80		
Rozwórka do powiek	76		

A					
Accessory Instruments	123			Micro with ring tips	9,21
ADSON , Dissecting Forceps	22			Orthodontics	113
Tissue Forceps	32			Philately	40
ADSON-BROWN , Tissue Forceps	29			Tissue	35,37
Awl, bone	94			Vessel Dilating	7
				TC	39
				Frame to Abdominal Retractor	75
B				FUKUDA , Ring Bone Lever for Shoulder	94
BARRAQUER , Micro needle holders	59				
BEIN , Root Elevator	116			G	
BENNETT , Bone Levers	87			GELPI , Self-Retaining Retractor	72
BERGMAN , Scalpels	42			GERALD , Tissue Forceps	21,27
BERNARD , Root Elevator	116			GLOVER , Bulldog Clamps	52
Bone Levers	84-94			GRAEFE , Atraumatic Forceps	29
Ring Bone Lever for Shoulder	94			GRUNWALD , Forceps, Bayonet-shaped	103
Bone Curettes	95			Guide for Tourniquets	78
BISHOP-HARMON , Micro Forceps	11,38				
BUCHWALD , Spatulas double ended	125			H	
Bulldog Clamps	50-52			Hook	64-70
BUSER , Periosteal Elevators	122			HEATH , Mallets	96
				HEIDBRINK , Root Elevator	116
C				HOHMANN , Bone Levers	84-89
Cannulas	106,119			HOHMANN-ALDINGER , Bone Levers	86
Chisels	98-100			HUNTER , Dissecting Forceps	26
CASPAR , Cervical Retractor	74			HYLIN , Root Elevator	116
CASTROVIEJO , Micro needle holders	54,58				
COLLEGE , Dental Forceps	110			I	
COBRA , Bone Levers	89			Instruments for Implants	115
COOLEY , Bulldog Clamps	52			Instruments for carpal tunnel release	90
CUSHING , Tissue Forceps	27			Instrumente with Hartmetallplatten	37
				IRIS , Surgical Scissors	47
D					
DAHMEN , Osteotomes				J	
DE BAKEY , Atraumatic Forceps	19,20,30,31			JANSEN , Forceps, Bayonet-shaped	103
Dental Splints	120-121				
DESMARES , Lid Retractors	65			K	
Dilator, tear duct	76			Knives	43
				KOCHER-LANGENBECK , Hook	68
E					
ERICH , Dental splint	120			L	
Ear Microsurgery Instruments set	104-105			LAMBOTTE , Chisels	100
Elevators, Periosteal	104,122			Hook	70
Eye lid retractor	76			Osteotomes	100
				LANGENBECK , Hook	68
F				Knife	43
FARABEUF , Retractors	67			LANGE-HOHMANN , Bone Levers	85
FEILCHENFELD , Dissecting Forceps	26			LICHTENSTEIN , Spatulas double ended	125
FLAGG , Dental Forceps	110			LISTON , Knife	43
FLOHR , Root Elevator	116			LONDON-COLLEGE , Dental Forceps	111
FOERSTER , Forceps	11,38			LUCAE , Forceps, Bayonet-shaped	102
Forceps				LUKSATOR , Root Elevator	116
Angular	32,102				
Atraumatic	29-31			M.	
Bayonet-shaped	102,103			Mallets	96
Delicate Dissecting	11,23			MAYO-HEGAR , Needleholder	60
Delicate Tissue	32-34			MC INDOE , Dissecting Forceps	28
Dental	108-112			Tissue Forceps	28
Dissecting	24,26			MEDIUM , Dissecting Forceps	24
Dressing and Tissue	27,28,38			Tissue Forceps	35
Entomology	40			MERIAM , Dental Forceps	110
Implant	114			MILLER , Dissecting Forceps	113
Laboratory	124			Bone Levers	89
Micro	38			MIKRO-ADSON , Dissecting Forceps	22
Micro Jeweler Patterns	6-9			Tissue Forceps	32
Micro with Round Handle	12-18				

Mirrors for resection	114	TC needle holders	60
MOLT , Periosteal Elevators	122	TROELTSCH , Angular Forceps	102
O		V	
OBWEGESER , Hook	69	VERBUGGE-MULLER , Bone Levers	85
OLLIER , Hook	70	VESTIBULUM , Mouth Gage Hook	118
Osteotomy	99,100	VIRCHOW , Section Knife	42
P.		VOLKMANN , Spoons Bone	95
PERRY , Dental Forceps	111	W	
Platform, Hand Fixation	91	WAGNER , Bone Curette	84
PREMIUM , Root Elevator	119	Gouges	99
Probes	62	WARWICK-JAMES , Root Elevator	116
R		WAUGH , Tissue Forceps	39
Raspatory	106,122	WEITLANER , Self-Retaining Retractor	72
Rasp for rhinoplasty	106	WELDON MINIATURE , Bulldog Clamps	50
Retractors		WINTER , Root Elevator	118
Atrium Retractors	82	WINGED , Root Elevator	117
Cervical Retractor	74	Wrenches	97
Abdominal Retractors	75	Z	
Eye Lid Retractor	76	ZA BECK , Root Elevator	116
Lid Retractors	67		
Mammaria Retractors	81		
Rib Retractors	80		
Sternum Child Retractors	80		
Sternum Retractors	80		
Wound and Trachea Retractors	64		
Root Elevators	116-118		
ROSTKOWSKI , Lid Retractors	65		
RUSSIAN , Tumor Forceps	10		
S			
SCHUMACHER , Bone levers	86		
SCHUMACHER mod. WAGNER , Bone levers	86		
Screwdrivers	97		
SEDLIN , Root Elevator	116		
SEMB , Hook	70		
SEMKEN , Dissecting Forceps	27		
Tissue Forceps	37		
SETS			
Basic Microsurgery Set	129		
Basic surgical Set	128		
Basic Suture Set	128		
Eye Surgery Set	130		
Extended Microsurgery Set	130		
Hand Surgery Set	129		
Scalpels	42, 44		
Spatulas for Pharmacy	126,125		
Spatulas - Spoons	126		
Spoons	126		
SOKOŁOWSKI , Bone levers	87		
SPENCER , Scissors	47		
STANDARD , Dissecting Forceps	24		
Tissue Forceps	35		
DE BAKEY Forceps	30		
Scissors	46		
STREAMLINE , Micro scissors	48		
SWEDISH MODEL , Dissecting Forceps	25		
Surgical Scissors	76-78		
Spatulas	124		
T			
Tampers	97		

CO 10	24,128	CO 39	26	CO 79/T	37	CO 131	70
CO 10/T	24	CO 39/T	26	CO 80	37	CO 140	74
CO 11	24	CO 40	26	CO 80/T	37	CO 141	74
CO 11/T	24	CO 40/T	26	CO 81	36	CO 145	74
CO 12	24	CO 41	26	CO 81/T	36	CO 145/T	74
CO 12/T	24	CO 41/T	26	CO 82	36	CO 146	74
CO 13	24,129	CO 42	26	CO 82/T	36	CO 146/T	74
CO 13/T	24	CO 42/T	26	CO 83	36	CO 147	74
CO 13/1	28	CO 43	36	CO 83/T	36	CO 147/T	74
CO 13/1/T	28	CO 43/T	36	CO 84	37	CO 148	74
CO 14	24,128	CO 44	36	CO 84/T	37	CO 148/T	74
CO 14/T	24	CO 44/T	36	CO 85	28	CO 149	74
CO 15	24	CO 45	27	CO 85/T	28	CO 149/T	74
CO 15/T	24	CO 45/T	27	CO 86	28	CO 150	74
CO 16	24	CO 46	27	CO 86/T	28	CO 150/T	74
CO 16/T	24	CO 46/T	27	CO 87	36	CO 151	74
CO 17	24	CO 47	27	CO 87/T	36	CO 151/T	74
CO 17/T	24	CO 47/T	27	CO 88	36	CO 152	74
CO 18	24	CO 48	37	CO 88/T	36	CO 152/T	74
CO 18/T	24	CO 48/T	37	CO 89	46	CO 153	74
CO 19	24	CO 49	37	CO 90	46	CO 153/T	74
CO 19/T	24	CO 49/T	37	CO 91	125	CO 154	74
CO 19/TC	39	CO 50	37	CO 91/1	125	CO 154/T	74
CO 20	24	CO 50/T	37	CO 91/2	125	CO 155	73,74
CO 20/T	24	CO 51	27	CO 91/3	125	CO 155/T	73,74
CO 20/TC	38	CO 51/T	27	CO 91/4	125	CO 156	73,74
CO 21	24	CO 52	27	CO 91/5	125	CO 156/T	73,74
CO 21/T	24	CO 52/T	27	CO 91/6	125	CO 157	73,74
CO 21/TC	38	CO 53	27	CO 91/7	125	CO 157/T	73,74
CO 22	24	CO 53/T	27	CO 92	125	CO 158	73,74
CO 22/T	24	CO 54	27	CO 93	36	CO 158/T	73,74
CO 22/TC	39	CO 54/T	27	CO 93/T	36	CO 159	73,74
CO 23	24	CO 70	35	CO 94	28	CO 159/T	73,74
CO 23/T	24	CO 70/T	35	CO 94/T	28	CO 160	74
CO 23/TC	39	CO 70/M	35	CO 95	37	CO 160/T	74
CO 24	24	CO 70/M/T	35	CO 95/T	37	CO 161	74
CO 24/T	24	CO 71	35	CO 97	26	CO 161/T	74
CO 25	24	CO 71/T	35	CO 97/T	26	CO 162	74
CO 25/T	24	CO 71/M	35	CO 98	25	CO 162/T	74
CO 26	24	CO 71/M/T	35	CO 98/T	25	CO 163	74
CO 26/T	24	CO 72	35,128	CO 100	42	CO 163/T	74
CO 27	24	CO 72/T	35	CO 101	42	CO 164	74
CO 27/T	24	CO 72/M	35	CO 102	42	CO 164/T	74
CO 28	24	CO 72/M/T	35	CO 103	42	CO 166	73
CO 28/T	24	CO 73	35	CO 104	42	CO 171	36
CO 29	25	CO 73/T	35	CO 105	42	CO 171/T	36
CO 29/T	25	CO 73/M	35	CO 106	42	CO 172	28
CO 30	25	CO 73/M/T	35	CO 107	42	CO 172/T	28
CO 30/T	25	CO 74	35	CO 108	42,130	CO 173	10
CO 31	25	CO 74/T	35	CO 109	42	CO 173/T	10
CO 31/T	25	CO 74/M	35	CO 110	42	CO 174	10
CO 32	25	CO 74/M/T	35	CO 111	42,130	CO 174/T	10
CO 32/T	25	CO 75	35	CO 112	42	CO 175	10
CO 33	25	CO 75/T	35	CO 113	42	CO 175/T	10
CO 33/T	25	CO 75/M	35	CO 114-A	42	CO 176	10
CO 34	25	CO 75/M/T	35	CO 114-B	42	CO 176/T	10
CO 34/T	25	CO 76	35	CO 116	44	CO 177	26
CO 35	25	CO 76/T	35	CO 116-A	44	CO 177/T	26
CO 35/T	25	CO 76/M	35	CO 118	43	CO 178	36
CO 36	25	CO 76/M/T	35	CO 119	43	CO 178/T	36
CO 36/T	25	CO 77	37	CO 120	43	CO 179	36
CO 37	26	CO 77/T	37	CO 121	43	CO 179/T	36
CO 37/T	26	CO 78	37	CO 122	43	CO 180	35,128
CO 38	26	CO 78/T	37	CO 127	72	CO 180/T	35
CO 38/T	26	CO 79	37	CO 128	72	CO 181	24

CO 181/T	24	CO 237/M	64	CO 550	70	CK 41	96
CO 182	24	CO 238	64	CO 551	70	CK 42	96
CO 182/T	24	CO 239	64	CO 553	73	CK 43	96
CO 182/TC	39	CO 240	64	CO 554	73	CK 43/M	96
CO 183	24	CO 241	64	CO 554/T	73	CK 50	95
CO 183/T	24	CO 242	64	CO 555	73	CK 51	95
CO 183/TC	39	CO 243	64	CO 555/T	73	CK 52	95
CO 184	37	CO 244	64,128	CO 562	72	CK 53	95
CO 184/T	37	CO 244/1	64	CO 566	73	CK 54	95
CO 185	37	CO 245	64,128	CO 567	73	CK 55	95
CO 185/T	37	CO 245/1	64	CO 567/T	73	CK 56	95
CO 186	37	CO 246	64	CO 581	68	CK 60	94
CO 186/T	37	CO 247	64	CO 582	70	CK 60/1	94
CO 201	125	CO 251	66	CO 590	62	CK 60/2	94
CO 202	27	CO 251/1	66	CO 591	62	CK 61	88
CO 202/T	27	CO 252	66	CO 592	62	CK 62	88
CO 203	27	CO 252/1	66	CK 10	99	CK 63	88
CO 203/T	27	CO 253	66	CK 10B	99	CK 64	88
CO 204	27	CO 253/1	66	CK 11	85	CK 65	88
CO 204/T	27	CO 254	70	CK 12	85	CK 66	88
CO 205	27	CO 255	69	CK 13	85	CK 67	88
CO 205/T	27	CO 258	70	CK 14	85	CK 70	97
CO 207	67	CO 259	69	CK 14	85	CK 71	97
CO 208	67	CO 303	75	CK 14/1	85	CK 72	97
CO 210	24	CO 303/1	75	CK 14/2	85	CK 73	97
CO 210/T	24	CO 303/2	75	CK 15	85	CK 74	97
CO 211	46	CO 303/3	75	CK 15/1	85	CK 75	97
CO 212	46,128	CO 303/4	75	CK 16	86	CK 76	97
CO 213	46	CO 303/5	75	CK 17	86	CK 77	97
CO 214	46	CO 304	75	CK 17/1	86	CK 78	97
CO 215	46	CO 304/1	75	CK 17/2	86	CK 79	97
CO 216	46	CO 304/2	75	CK 18	86	CK 80	97
CO 217	27	CO 304/3	75	CK 19	86	CK 81	97
CO 217/T	27	CO 305	75	CK 20	84	CK 82	97
CO 217/A	27	CO 305/1	75	CK 21	84	CK 83	97
CO 217/A/T	27	CO 305/2	75	CK 22	84	CK 84	97
CO 218	37	CO 306	43	CK 22/1	84	CK 85	97
CO 218/T	37	CO 307	28	CK 20/2	84	CK 86	97
CO 219	27	CO 307/T	28	CK 23	84	CK 87	97
CO 219/T	27	CO 307/TC	39	CK 24	86	CK 88	97
CO 220	37	CO 308	28	CK 25	95	CK 89	97
CO 220/T	37	CO 308/T	28	CK 26	95	CK 90	97
CO 221	27	CO 311	10	CK 27	95	CK 90/1	97
CO 221/T	27	CO 311/T	10	CK 28	95	CK 90/2	97
CO 222	37	CO 400	72	CK 29	95	CK 91	97
CO 222/T	37	CO 401	72	CK 30	98,99	CK 92	97
CO 226	28	CO 402	72	CK 30A	98	CK 93	97
CO 226/T	28	CO 403	72	CK 30B	98	CK 94	97
CO 227	28	CO 404	72	CK 30C	99	CK 95	97
CO 227/T	28	CO 405	72	CK 30F	99	CK 100	100
CO 228	28	CO 406	72	CK 31	98,99	CK 101	100
CO 228/T	28	CO 407	72	CK 31A	99	CK 102	100
CO 230	21	CO 408	72	CK 31C	99	CK 103	100
CO 230/T	21	CO 409	72	CK 31F	99	CK 104	100
CO 231	21	CO 520	91	CK 31G	99	CK 105	100
CO 231/T	21	CO 520/1	91	CK 32	98	CK 106	100
CO 232	21	CO 520/2-		CK 33	98	CK 107	100
CO 232/T	21	CO 520/10	91	CK 34	98	CK 108	100
CO 233	21	CO 530		CK 35	98	CK 109	100
CO 233/T	21		60,128,130	CK 36	98	CK 110	100
CO 234	21	CO 531	60	CK 37	98	CK 111	100
CO 234/T	21	CO 540	73	CK 38	98	CK 112	100
CO 235	21	CO 540/T	73	CK 39	87	CK 113	100
CO 235/T	21	CO 541	73	CK 39/1	87	CK 114	100
CO 237	64	CO 541/T	73	CK 40	96	CK 115	100

CK 116	100	CN 14/1/T	31	CN 54	51	GE 11	8
CK 117	100	CN 14/4	31	CN 54/T	51	GE 11/T	8
CK 118	100	CN 14/4/T	31	CN 55	51	GE 12	8,130
CK 119	100	CN 14/8	31	CN 55/T	51	GE 12/T	8
CK 120	100	CN 14/8/T	31	CN 56	51	GE 13	8,130
CK 121	100	CN 15	31	CN 56/T	51	GE 13/T	8
CK 122	100	CN 15/T	31	CN 57	51	GE 14	8
CK 123	100	CN 15/2	31	CN 57/T	51	GE 14/T	8
CK 132	95	CN 15/2/T	31	CN 58	51	GE 15	8
CK 133	95	CN 15/3	31	CN 58/T	51	GE 15/T	8
CK 140	89	CN 15/3/T	31	CN 59	51	GE 30	8
CK 141	89	CN 15/5	31	CN 59/T	51		
CK 142	89	CN 15/5/T	31	CN 60	51	IM 10	115
CK 143	89	CN 15/6	31	CN 60/T	51		
CK 144	89	CN 15/6/T	31	CN 61	51	KD 16	78
CK 145	92	CN 15/7	31	CN 61/T	51	KD 17	78
CK 146	92	CN 15/7/T	31	CN 62	51	KD 18	78
CK 147	92	CN 15/9	31	CN 62/T	51	KD 19	78
CK 148	92	CN 15/9/T	31	CN 63	51	KD 20	78
CK 149	92	CN 15/10	31	CN 63/T	51	KD 21	81
CK 152	92	CN 15/10/T	31	CN 80	50	KD 22	81
CK 154	87	CN 15/11	31	CN 81	50	KD 23	80
CK 155	87	CN 15/11/T	31	CN 82	52	KD 31	64,78
CK 156	89	CN 16	31	CN 83	52	KD 32	80
CK 157	87	CN 16/T	31	CN 84	52	KD 34/1	81
CK 158	87	CN 17	31	CN 85	52	KD 34/2	81
CK 159	87	CN 17/T	31	CN 86	52	KD 34/3	81
CK 160	96	CN 18	29	CN 87	52	KD 34/4	81
CK 161	98	CN 18/T	29	CN 88	52	KD 35	80
CK 162	89	CN 19	30	CN 89	52	KD 36	80
CK 165	93	CN 19/T	30	CN 90	52	KD 39	62
CK 181	93	CN 20	29	CN 91	52	KD 40	62,128
CK 183	87	CN 20/T	29	CN 92	52	KD 41	62,128
CK 185	90	CN 21	29	CN 93	52	KD 42	62
CK 186	90	CN 21/T	29	CN 94	52	KD 43	62
CK 188	90	CN 22	29	CN 95	52	KD 44	62
CK 200	93	CN 22/T	29	CN 100	30	KD 45	62
CK 204	97	CN 40	50	CN 100/T	30	KD 46	62
CK 205	99	CN 40/T	50	CN 101	30	KD 47	62
CK 206	99	CN 41	50	CN 101/T	30	KD 48	62
CK 207	99	CN 41/T	50	CN 102	30	KD 70	82
CK 208	99	CN 42	50	CN 102/T	30	KD 71	82
CK 209	99	CN 42/T	50	CN 103	30	KD 72	82
CK 210	99	CN 43	50	CN 103/T	30	KD 73	82
CK 211	99	CN 43/T	50	CN 104	30	KD 74	82
CK 212	95	CN 44	50	CN 104/T	30	KD 75	82
CK 213	95	CN 44/T	50	CN 105	30	KD 76	82
CK 214	94	CN 45	50	CN 105/T	30	KD 77	82
CK 215	94	CN 45/T	50	CN 108	30	KD 81	80
CK 216	94	CN 46	50	CN 108/T	30		
CK 217	94	CN 46/T	50			LG 10	102
CK 218	94	CN 47	50	EN 01	40	LG 10/T	102
CK 219	87	CN 47/T	50	EN 02	40	LG 11	102
CK 220	95	CN 48	51	EN 03	40	LG 11/T	102
CN 10	29	CN 48/T	51			LG 12	102
CN 10/T	29	CN 49	51	FL 10	40	LG 12/T	102
CN 11	29	CN 49/T	51	FL 11	40	LG 13	102
CN 11/T	29	CN 50	51	FL 12	40	LG 13/T	102
CN 12	33	CN 50/T	51	FL 13	40	LG 18	102
CN 12/T	33	CN 51	51	FL 14	40	LG 18/T	102
CN 13	34	CN 51/T	51	FL 15	40	LG 18/B	102
CN 13/T	34	CN 52	51	FL 16	40	LG 18/B/T	102
CN 14	31	CN 52/T	51			LG 18/1	103
CN 14/T	31	CN 53	51	GE 10	8	LG 18/1/T	103
CN 14/1	31	CN 53/T	51	GE 10/T	8	LG 18/2	103

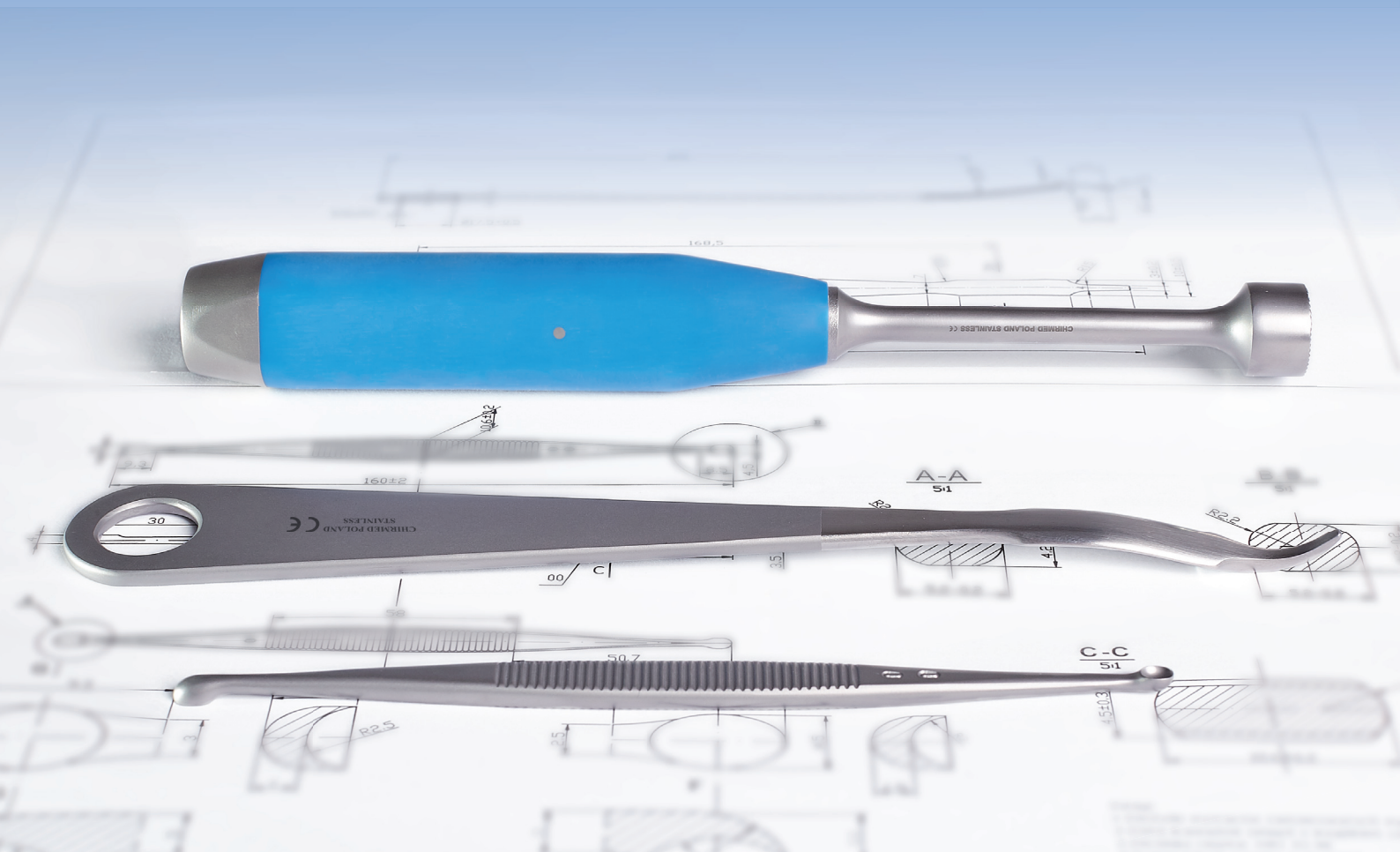
LG 18/2/T	103	MK 13/T	6	MK 50	32	55,128,129,130	
LG 19	103	MK 14	6,130	MK 50/T	32	MK 77/T	55
LG 19/T	103	MK 14/T	6	MK 51	32	MK 77/T/SR	55
LG 20	106	MK 15	6	MK 51/T	32	MK 77/1	55
LG 21	106	MK 15/T	6	MK 52	22	MK 77/1/T	55
LG 22	103	MK 16	11	MK 52/T	22	MK 77/1/T/SR	55
LG 22/T	103	MK 16/T	11	MK 53	22	MK 78	55,129
LG 23	103	MK 17	11	MK 53/T	22	MK 78/T	55
LG 23/T	103	MK 17/T	11	MK 54	11	MK 78/1	55
LG 24	125	MK 18	9	MK 54/T	11	MK 78/1/T	55
LG 28	106	MK 18/T	9	MK 55	33	MK 79	55
LG 29	106	MK 18/S	9	MK 55/T	33	MK 79/T	55
LG 30	104	MK 18/S/T	9	MK 56		MK 79/T/SR	55
LG 31	104	MK 19	9		22,128,129,130	MK 79/1	55
LG 32	104	MK 19/T	9	MK 56/T	22	MK 79/1/T	55
LG 33	104	MK 20	9	MK 57		MK 79/1/T/SR	55
LG 34	104	MK 20/T	9		32,128,129	MK 80	55
LG 35	104	MK 21	9	MK 57/T	32	MK 80/T	55
LG 36	104	MK 21/T	9	MK 58	12,130	MK 80/1	55
LG 37	104	MK 22	9	MK 58/T	12	MK 80/1/T	55
LG 38	104	MK 22/T	9	MK 59	12,130	MK 81	55
LG 39	104	MK 23	9	MK 59/T	12	MK 81/T	55
LG 40	104	MK 23/T	9	MK 60	12	MK 81/T/SR	55
LG 41	104	MK 24	9	MK 60/T	12	MK 81/1	55
LG 42	104	MK 24/T	9	MK 61	12,129	MK 81/1/T	55
LG 43	104	MK 25	9	MK 61/T	12	MK 81/1/T/SR	55
LG 44	104	MK 25/T	9	MK 62	12	MK 82	55,130
LG 45	104	MK 26		MK 62/T	12	MK 82/T	55
LG 46	104		22,128,129,130	MK 62/A	14	MK 82/1	55
LG 47	105	MK 26/T	22	MK 62/A/T	14	MK 82/1/T	55
LG 48	105	MK 27		MK 63	12	MK 83	55
LG 49	105		32,128,129,130	MK 63/T	12	MK 83/T	55
LG 50	105	MK 27/T	32	MK 64	18	MK 83/1	55
LG 51	105	MK 28	22	MK 64/T	18	MK 83/1/T	55
LG 52	105	MK 28/T	22	MK 66	17	MK 83/T/SR	55
LG 53	105	MK 29	32	MK 66/T	17	MK 83/1/T/SR	55
LG 54	105	MK 29/T	32	MK 70	15,130	MK 84	55
LG 55	105	MK 30	29	MK 70/T	15	MK 84/T	55
LG 56	105	MK 30/T	29	MK 70/A	15,130	MK 84/1	55
LG 57	105	MK 31	33	MK 70/A/T	15	MK 84/1/T	55
LG 58	105	MK 31/T	33	MK 71	15	MK 85	54
LG 59	105	MK 32	34	MK 71/T	15	MK 85/T	54
LG 61	103	MK 32/T	34	MK 71/A	15	MK 85/T/SR	54
LG 61/T	103	MK 33	22	MK 71/A/T	15	MK 85/1	54
LG 66	106	MK 33/T	22	MK 72	15	MK 85/1/T	54
		MK 34	32	MK 72/T	15	MK 85/1/T/SR	54
MK 01	7	MK 34/T	32	MK 72/A	15	MK 86	54
MK 01/T	7	MK 36	29	MK 72/A/T	15	MK 86/T	54
MK 02	7	MK 36/T	29	MK 73	15	MK 86/T/SR	54
MK 02/T	7	MK 38	9	MK 73/T	15	MK 86/1	54
MK 03	7	MK 38/T	9	MK 73/A	15	MK 86/1/T	54
MK 03/T	7	MK 39	22	MK 73/A/T	15	MK 86/1/T/SR	54
MK 04	7	MK 39/T	22	MK 74	15	MK 87	54
MK 04/T	7	MK 40	32,130	MK 74/T	15	MK 87/T	54
MK 05	7,130	MK 40/T	32	MK 74/A	15	MK 87/1	54
MK 05/T	7	MK 41	32	MK 74/A/T	15	MK 87/1/T	54
MK 10	6	MK 41/T	32	MK 75	15	MK 88	54
MK 10/T	6	MK 45	7,129	MK 75/T	15	MK 88/T	54
MK 11	6	MK 45/T	7	MK 75/A	15	MK 88/1	54
MK 11/T	6	MK 46	7,129	MK 75/A/T	15	MK 88/1/T	54
MK 12		MK 46/T	7	MK 76	15	MK 99	19,130
	6,129,130	MK 47	6	MK 76/T	15	MK 99/T	19
MK 12/T	6	MK 47/T	6	MK 76/A	15	MK 100	19
MK 13		MK 48	6	MK 76/A/T	15	MK 100/T	19
	6,129,130	MK 48/T	6	MK 77		MK 101	19

MK 101/T	19	MK 230	32	MK 265/T	14	MK 317	48,129,130
MK 102	19	MK 230/T	32	MK 266	14	MK 317/T	48
MK 102/T	19	MK 240	56,119	MK 266/T	14	MK 320	48
MK 102/2	19	MK 240/T	56	MK 267	14	MK 320/T	48
MK 102/2/T	19	MK 240/T/SR	56	MK 267/T	14	MK 321	48
MK 103	17	MK 240/1	56	MK 271	16	MK 321/T	48
MK 103/T	17	MK 240/1/T	56	MK 271/T	16	MK 322	59
MK 104	17	MK 240/1/T/SR	56	MK 271/A	16	MK 322/T	59
MK 104/T	17	MK 241	56	MK 271/A/T	16	MK 323	58
MK 110	19	MK 241/T	56	MK 272	16	MK 323/T	58
MK 110/T	19	MK 241/1	56	MK 272/T	16	MK 324	58,130
MK 111	14	MK 241/1/T	56	MK 272/A	16	MK 324/T	58
MK 111/T	14	MK 242	56	MK 272/A/T	16	MK 325	48
MK 112	14	MK 242/T	56	MK 273	16	MK 325/T	48
MK 112/T	14	MK 242/T/SR	56	MK 273/T	16	MK 326	48
MK 113	14	MK 242/1	56	MK 273/A	16	MK 326/T	48
MK 113/T	14	MK 242/1/T	56	MK 273/A/T	16	MK 328	59
MK 114	14	MK 242/1/T/SR	56	MK 274	16	MK 328/T	59
MK 114/T	14	MK 243	56	MK 274/T	16	MK 329	48
MK 116	14	MK 243/T	56	MK 274/A	16	MK 329/T	48
MK 116/T	14	MK 243/1	56	MK 274/A/T	16	MK 330	48
MK 117	14	MK 243/1/T	56	MK 275	18	MK 330/T	48
MK 117/T	14	MK 244	56	MK 275/T	18	MK 332	22
MK 118	14	MK 244/T	56	MK 276	18	MK 332/T	22
MK 118/T	14	MK 244/T/SR	56	MK 276/T	18	MK 333	15
MK 119	16	MK 244/1	56	MK 277	18	MK 333/T	15
MK 119/T	16	MK 244/1/T	56	MK 277/T	18	MK 333/A	15
MK 119/A	16	MK 244/1/T/SR	56	MK 281	20	MK 333/A/T	15
MK 119/A/T	16	MK 245	56	MK 281/T	20	MK 336	8
MK 120	16	MK 245/T	56	MK 282	20	MK 336/T	8
MK 120/T	16	MK 245/1	56	MK 282/T	20	MK 341	14
MK 120/A	16	MK 245/1/T	56	MK 285	14	MK 341/T	14
MK 120/A/T	16	MK 246	56	MK 285/T	14	MK 342	14
MK 121	20	MK 246/T	56	MK 293	57,130	MK 342/T	14
MK 121/T	20	MK 246/T/SR	56	MK 293/T	57	MK 343	14
MK 122	20	MK 245/1	56	MK 293/T/SR	57	MK 343/T	14
MK 122/T	20	MK 246/1/T	56	MK 294	57	MK 344	14
MK 123	20	MK 246/1/T/SR	56	MK 294/T	57	MK 344/T	14
MK 123/T	20	MK 247	56	MK 294/T/SR	57	MK 345	14,129
MK 124	20	MK 247/T	56	MK 302	57	MK 345/T	14
MK 124/T	20	MK 247/1	56	MK 302/T	57	MK 347	14
MK 125	17	MK 247/1/T	56	MK 303	57	MK 347/T	14
MK 125/T	17	MK 248	16	MK 303/T	57	MK 348	14
MK 126	17	MK 248/T	16	MK 304	13	MK 348/T	14
MK 126/T	17	MK 248/A	16	MK 304/T	13	MK 349	14
MK 127	17	MK 248/A/T	16	MK 305	13,119	MK 349/T	14
MK 127/T	17	MK 252	13	MK 305/T	13	MK 350	14
MK 200	79	MK 252/T	13	MK 306	79	MK 350/T	14
MK 200/T	79	MK 253	13	MK 306/T	79	MK 351	14
MK 201	79	MK 253/T	13	MK 307	79	MK 351/T	14
MK 201/T	79	MK 254	13	MK 307/T	79	MK 352	14
MK 202	79	MK 254/T	13	MK 308	79	MK 352/T	14
MK 202/T	79	MK 255	13	MK 308/T	79	MK 354	14
MK 203	79	MK 255/T	13	MK 309	79	MK 354/T	14
MK 203/T	79	MK 256	13	MK 309/T	79	MK 355	14
MK 210	48	MK 256/T	13	MK 310	32	MK 355/T	14
MK 210/T	48	MK 257	13	MK 310/T	32	MK 356	14
MK 211	48,130	MK 257/T	13	MK 313	29	MK 356/T	14
MK 211/T	48	MK 261	14	MK 313/T	29	MK 357	14
MK 212	48	MK 262/T	14	MK 314	59	MK 357/T	14
MK 212/T	48	MK 263	14	MK 314/T	59	MK 358	14
MK 213	48	MK 263/T	14	MK 315	59	MK 358/T	14
MK 213/T	48	MK 264	14	MK 315/T	59	MK 359	14
MK 214	48	MK 264/T	14	MK 316	48,129	MK 359/T	14
MK 214/T	48	MK 265	14	MK 316/T	48		

MK 360	14	MK 388/1	56	NL 29	125	OR 12/M	115
MK 360/T	14	MK 388/1/T	56	NL 31	126	ST 10	108
MK 361	14	MK 388/1/T/SR	56	NL 32	126	ST 10/T	108
MK 361/T	14	MK 389	56	NL 33	126	ST 11	108
MK 362	14	MK 389/T	56	NL 34	126	ST 11/T	108
MK 362/T	14	MK 389/T/SR	56	NL 35	126	ST 12	108
MK 363	14	MK 389/1	56	OK 10	65,130	ST 12/T	108
MK 363/T	14	MK 389/1/T	56	OK 11	65,130	ST 13	108
MK 364	14	MK 389/1/T/SR	56	OK 12	65	ST 13/T	108
MK 364/T	14	MK 390	54	OK 13	65	ST 14	108
MK 365	14	MK 390/T	54	OK 14	65	ST 14/T	108
MK 365/T	14	MK 390/T/SR	54	OK 20	23	ST 15	108
MK 366	14	MK 391	54	OK 20/T	23	ST 15/T	108
MK 366/T	14	MK 391/T	54	OK 21	23	ST 15/C	108
MK 367	17	MK 391/T/SR	54	OK 21/T	23	ST 15/C/T	108
MK 367/T	17	MK 392	54	OK 22	23	ST 16	109
MK 368	17	MK 392/T	54	OK 22/T	23	ST 16/T	109
MK 368/T	17	MK 392/T/SR	54	OK 23	33	ST 17	109
MK 371/TC	38,60	MK 393	11	OK 23/T	33	ST 17/T	109
MK 372	56	MK 393/T	11	OK 24	34	ST 17/B	109
MK 372/T	56	MK 394	11	OK 24/T	34	ST 17/B/T	109
MK 372/1	56	MK 394/T	11	OK 25	34	ST 17/BL	109
MK 372/1/T	56	MK 395	38	OK 25/T	34	ST 17/BR	109
MK 375	16	MK 395/T	38	OK 29	23	ST 18	109
MK 375/T	16	MK 396	38	OK 30	23	ST 18/T	109
MK 376	16	MK 396/T	38	OK 31	23	ST 19	109
MK 376/T	16	MK 397	55	OK 31/T	23	ST 19/T	109
MK 377	54	MK 397/T	55	OK 32	23	ST 20	109
MK 377/T	54	MK 398	55	OK 32/T	23	ST 20/T	109
MK 378	54	MK 398/T	55	OK 33	33	ST 21	109
MK 378/T	54	MK 399	55	OK 33/T	33	ST 21/T	109
MK 379	54	MK 399/T	55	OK 34	34,130	ST 22	109
MK 379/T	54	MK 400	55	OK 34/T	34	ST 22/T	109
MK 380	54	MK 400/T	55	OK 35	23	ST 23	109
MK 381	7	MK 401	17	OK 35/T	23	ST 23/T	109
MK 381/T	7	MK 401/T	17	OK 36	11	ST 24	110
MK 382	54	MK 402	29	OK 36/T	11	ST 24/T	110
MK 382/T	54	MK 402/T	29	OK 37	11	ST 25	110
MK 383	55	MK 403	38	OK 37/T	11	ST 25/T	110
MK 383/T	55	MK 403/T	38	OK 38	34	ST 25/DD	110
MK 383/1	55	MK 404	38	OK 38/T	34	ST 26	110
MK 383/1/T	55	MK 404/T	38	OK 39	23	ST 26/T	110
MK 384	55	MK 405	11	OK 39/T	23	ST 27	110
MK 384/T	55	MK 405/T	11	OK 48	58,130	ST 27/T	110
MK 384/1	55	MK 406	55	OK 48/T	58	ST 28	110
MK 384/1/T	55	MK 406/T	55	OK 50	65	ST 28/T	110
MK 385	55	MK 407	55	OK 51	65	ST 29	110
MK 385/T	55	MK 407/T	55	OK 52	58	ST 29/T	110
MK 385/T/SR	55	NL 10	124	OK 52/T	58	ST 30	110
MK 385/1	55	NL 11	124	OK 53	76,130	ST 30/T	110
MK 385/1/T	55	NL 12	124	OK 54	76,130	ST 31	110
MK 385/1/T/SR	55	NL 13	124	OK 55	11	ST 31/T	110
MK 386	55	NL 14	124	OK 55/T	11	ST 32	111
MK 386/T	55	NL 14/A	124	OK 56/T	76	ST 32/T	111
MK 386/T/SR	55	NL 15	124	OK. 70	76	ST 33	111
MK 386/1	55	NL 16	124	OR 10	122	ST 33/T	111
MK 386/1/T	55	NL 17	124	OR 10/M	122	ST 34	111
MK 386/1/T/SR	55	NL 18	124	OR 11	122	ST 34/T	111
MK 387	56	NL 19	126	OR 11/A	122	ST 40	120
MK 387/T	56	NL 20	126	OR 11/B	122	ST 41	120
MK 387/1	56	NL 21	126	OR 11/M	122	ST 42	120
MK 387/1/T	56	NL 22	126	OR 12	122	ST 43	120
MK 388	56	NL 23	126			ST 44	120
MK 388/T	56	NL 24	126			ST 45	120
MK 388/T/SR	56	NL 25	126				
		NL 26	126				
		NL 27	126				
		NL 28	125				

ST 45/24	120	ST 109/A	67	ST 2074	47	ST 7335	116
ST 47	121	ST 110	68	ST 2105	114	ST 7340	116
ST 48	121	ST 110/A	68	ST 2106	114	ST 7341	116
ST 49	121	ST 111	68	ST 2107	114	ST 7434	116
ST 50	121	ST 111/A	68	ST 2286	47	ST 7435	116
ST 51	121	ST 112	67	ST 2287	47	ST 7440	116
ST 52	121	ST 112/A	67	ST 2406	119	ST 8610	119
ST 53	121	ST 112/K	67	ST 4001	116	ST 8611	119
ST 54	121	ST 112/M	67	ST 4002	116	ST 8612	119
ST 55	121	ST 112/N	67	ST 4003	116	ST 8613	119
ST 56	121	ST 116	112	ST 4004	116	ST 8614	119
ST 57	121	ST 116/T	112	ST 4010	117	ST 8615	119
ST 58	121	ST 118	112	ST 4011	117	ST 8616	119
ST 59	121	ST 118/T	112	ST 4012	117	ST 8617	119
ST 60	121	ST 119	69	ST 4013	117	ST 8620	119
ST 61	121	ST 120	69	ST 4014	117	ST 8630	106,119
ST 62	121	ST 121	120	ST 4015	117	ST 8631	106,119
ST 63	121	ST 140	68	ST 4016	117	ST 8632	106,119
ST 64	121	ST 141	68	ST 4017	117	ST 8633	106,119
ST 65	121	ST 142	68	ST 4018	117	ST 8634	106,119
ST 66	121	ST 218	113	ST 4019	117	ST 8635	106,119
ST 67	121	ST 220	113	ST 4020	117	ST 8638	119
ST 68	121	ST 221	113	ST 4021	117	ST 8639	119
ST 69	121	ST 223	113	ST 4022	117		
ST 70	121	ST 229	110	ST 4023	117		
ST 71	121	ST 229/T	110	ST 4024	117		
ST 72	121	ST 230	110	ST 4025	117		
ST 73	121	ST 230/T	110	ST 4026	117		
ST 74	121	ST 231	109	ST 4027	117		
ST 75	111	ST 231/T	109	ST 4031	117		
ST 75/T	111	ST 233	118	ST 4032	117		
ST 75/1	111	ST 234	118	ST 4033	117		
ST 75/1/T	111	ST 240	112	ST 4034	117		
ST 76	108	ST 240/T	112	ST 4035	117		
ST 76/T	108	ST 241	109	ST 4036	117		
ST 77	111	ST 241/T	109	ST 4037	117		
ST 77/T	111	ST 242	112	ST 4038	117		
ST 78	111	ST 242/T	112	ST 4039	117		
ST 78/T	111	ST 243	112	ST 4040	117		
ST 86	113	ST 243/T	112	ST 4041	117		
ST 86/A	113	ST 244	112	ST 4102	116		
ST 87	113	ST 244/T	112	ST 4103	116		
ST 91	120	ST 250	117	ST 4401	116		
ST 92	120	ST 251	117	ST 4402	116		
ST 93	120	ST 252	117	ST 4403	116		
ST 94	120	ST 253	117	ST 4404	116		
ST 95	120	ST 254	117	ST 4901	116		
ST 96	120	ST 255	117	ST 4902	116		
ST 97	114	ST 256	117	ST 4903	116		
ST 97/T	114	ST 257	117	ST 4904	116		
ST 97/A	114	ST 258	117	ST 4905	116		
ST 97/A/T	114	ST 259	117	ST 5301	116		
ST 98	114	ST 260	117	ST 5302	116		
ST 98/T	114	ST 261	117	ST 5703	116		
ST 99	114	ST 1855	119	ST 5703/M	116		
ST 99/T	114	ST 1900	119	ST 5704	116		
ST 101	114	ST 1902		ST 5704/M	116		
ST 101/T	114		44,119,128,130	ST 5706	116		
ST 102	114	ST 2014	47	ST 5801	116		
ST 102/T	114	ST 2015	47,119	ST 5802	116		
ST 106	114	ST 2022	47	ST 5803	116		
ST 106/T	114	ST 2023	47	ST 5804	116		
ST 108	67	ST 2071	47,128	ST 5805	116		
ST 108/A	67	ST 2072	47,130	ST 5806	116		
ST 109	67	ST 2073	47	ST 5807	116		





FABRYKA NARZĘDZI MEDYCZNYCH CHIRMED MARCIN DYNER
ul. Mstowska 8A Str., 42-240 Rudniki k/Częstochowy, POLAND

phone: +48 / 34 320 14 84, +48 / 34 320 14 34

fax: +48 / 34 320 15 00, +48 / 34 320 14 35

e-mail: info@chirmed.pl

www.chirmed.pl