

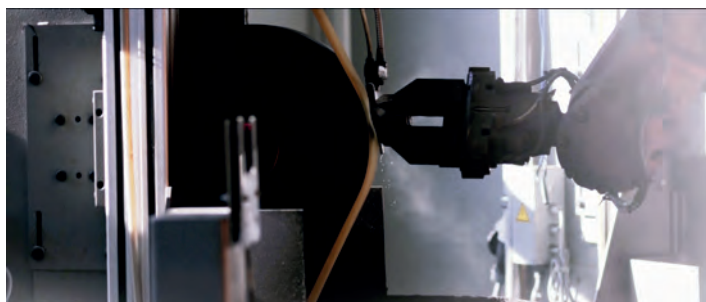
CHIRMED®

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 zasługuje również **aktywny udział firmy w pracach badawczo-rozwojowych.**

Rynki eksportowe obejmują głównie: Japonię, USA i Niemcy.



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-, Imkere- 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 und Deutschland.**



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 and Germany.**



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

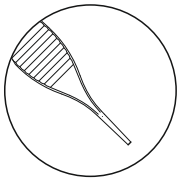
The company CHIRMED has been manufacturing titanium instruments since 1970.

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

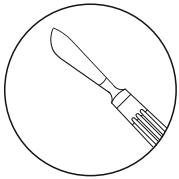
By using titanium anodizing, the colors presented on the color palette at the end of the catalogue can be obtained approximately.





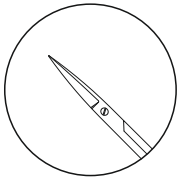
Pincety
Dissecting and Tissue Forceps
Pinzetten

5 - 40



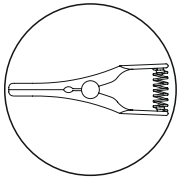
Skalpele, noże, trzonki do skalpeli, Amputacja
Scalpels, Knives, Scalpel handles, Amputation
Skalpelle, Messer, Skalpellgriffe, Amputation

41 - 44



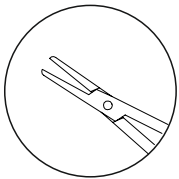
Nożyczki chirurgiczne i mikrochirurgiczne
Surgical and Micro Scissors
Chirurgische und Mikro Scheren

45 - 48



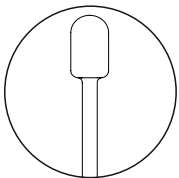
Zaciski naczyniowe Bulldog
Bulldog clamps
Bulldogklemmen

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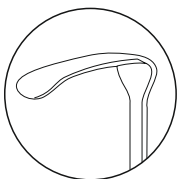
Igłotrzymacze mikrochirurgiczne
Micro needle holders
Mikro Nadelhalter

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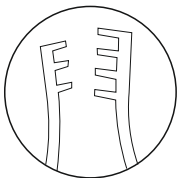
Sondy naczyniowe i kaniule
Vessel dilators and cannulas
Gefäßdilatoren und Kanülen

61 - 62



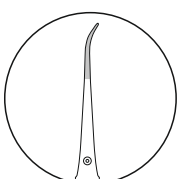
Haki
Retractors
Wundhaken

63 - 70



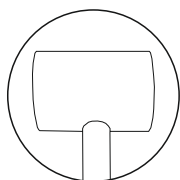
Rozwieracze do ran, haki brzuszne
Self-Retaining Retractors, Abdominal Retractors
Wundspreizer, Bauchdeckenhalter

71 - 76



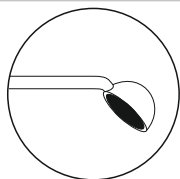
Kardio i torakochirurgia
Cardiovascular and Thoracic Surgery
Herz-, Thorax- und Gefäß-Chirurgie

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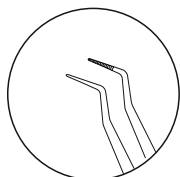
Ortopedia
Orthopedics
Orthopädie

83 - 100



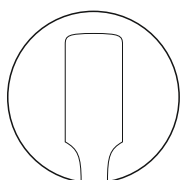
Laryngologia
Laryngology
Laryngologie

101 - 106



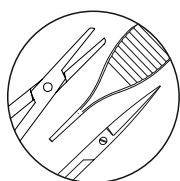
Stomatologia
Stomatology
Stomatologie

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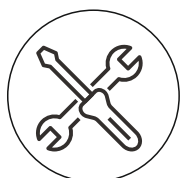
Narzędzia diagnostyczne i laboratoryjne
Diagnostic and Laboratory Instruments
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Zestawy narzędzi
Instruments kits
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Pozostałe produkty i usługi
Other products and services
Andere Produkte und Dienstleistungen

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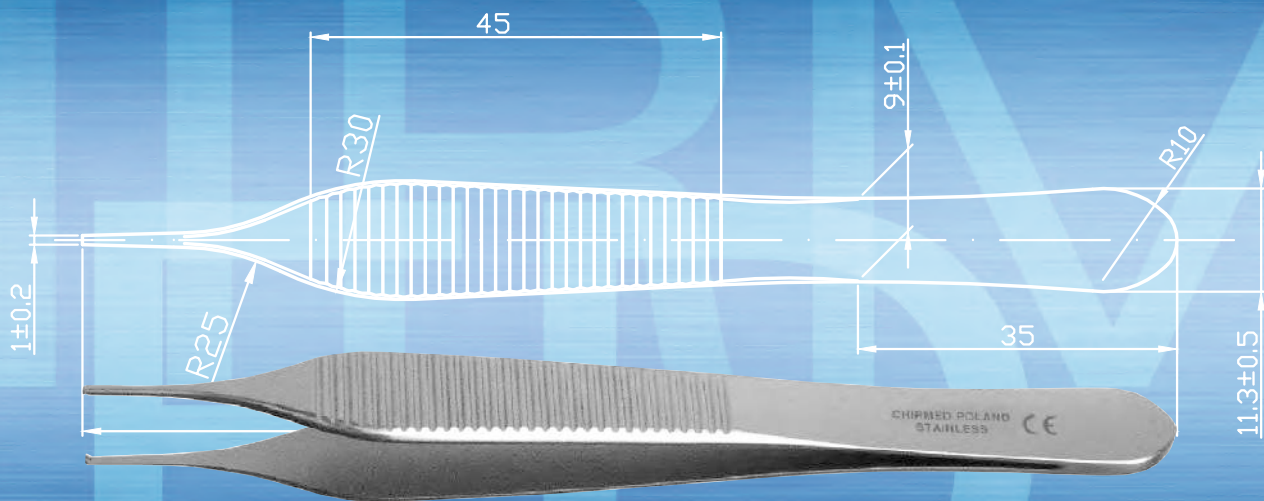


Spis alfabetyczny i numeryczny
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Alphabetischer und numerischer Index

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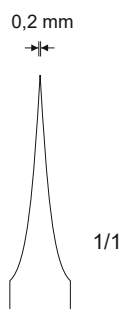
CHIRMED®

Pincety
Dissectings - and Tissue Forceps
Pinzetten

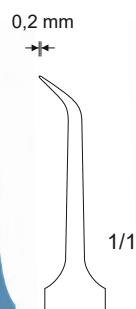


from IDEA to SOLUTION

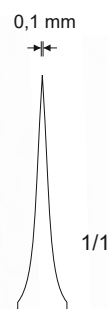




MK 10 MK 10/T
110 mm (4 3/8")
TITANIUM



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



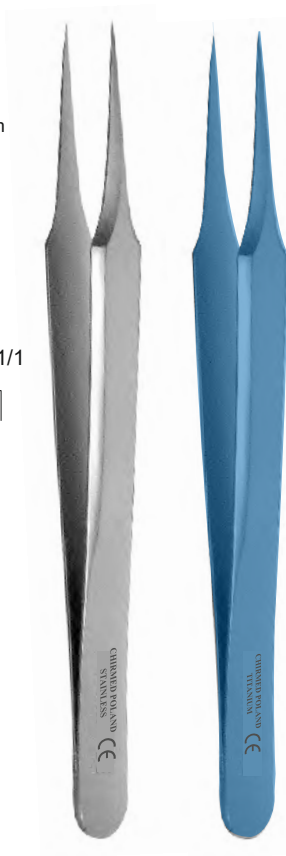
MK 12 MK 12/T
110 mm (4 3/8")
TITANIUM



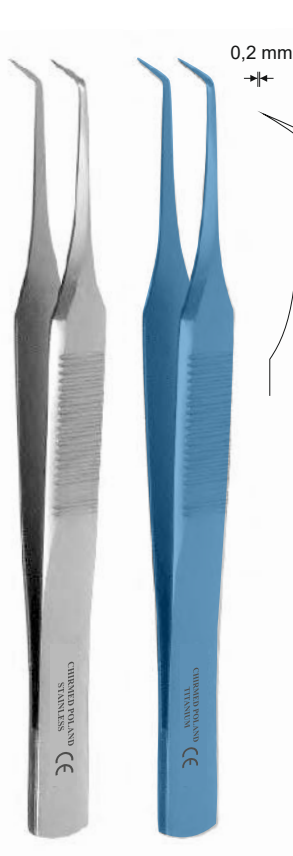
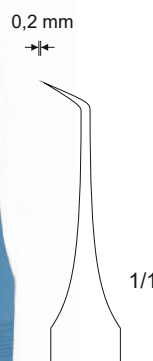
MK 13 MK 13/T
110 mm (4 3/8")
TITANIUM



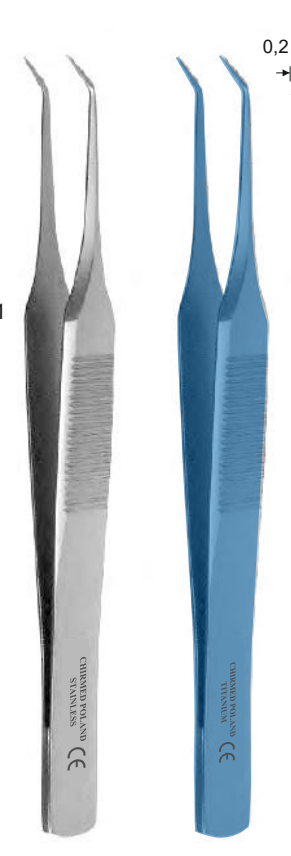
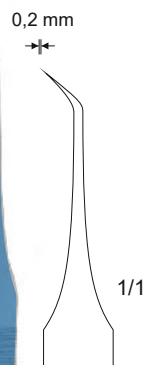
MK 14 MK 14/T
90 mm (3 1/2")
TITANIUM



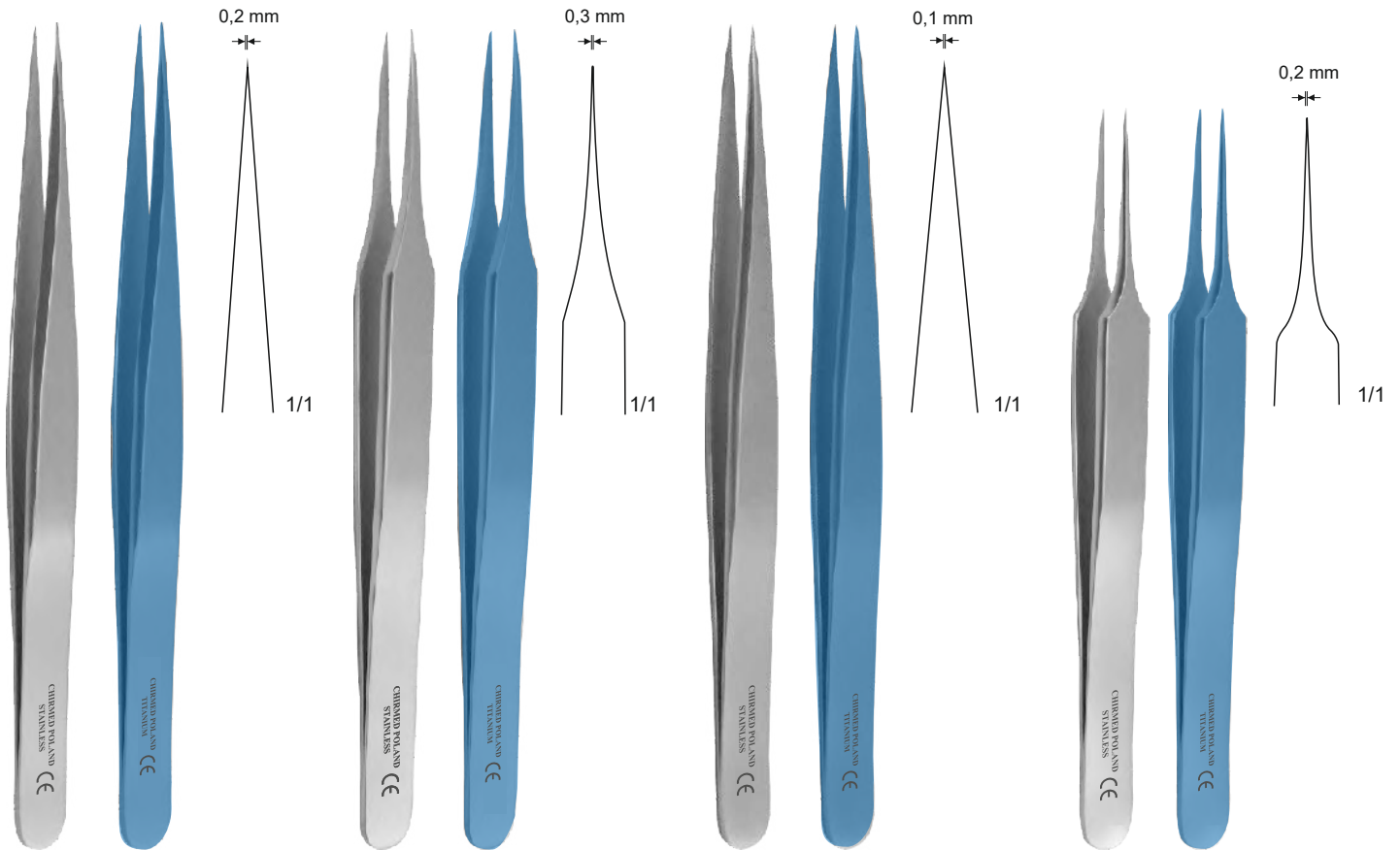
MK 15 MK 15/T
115 mm (4 1/2")
TITANIUM



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



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

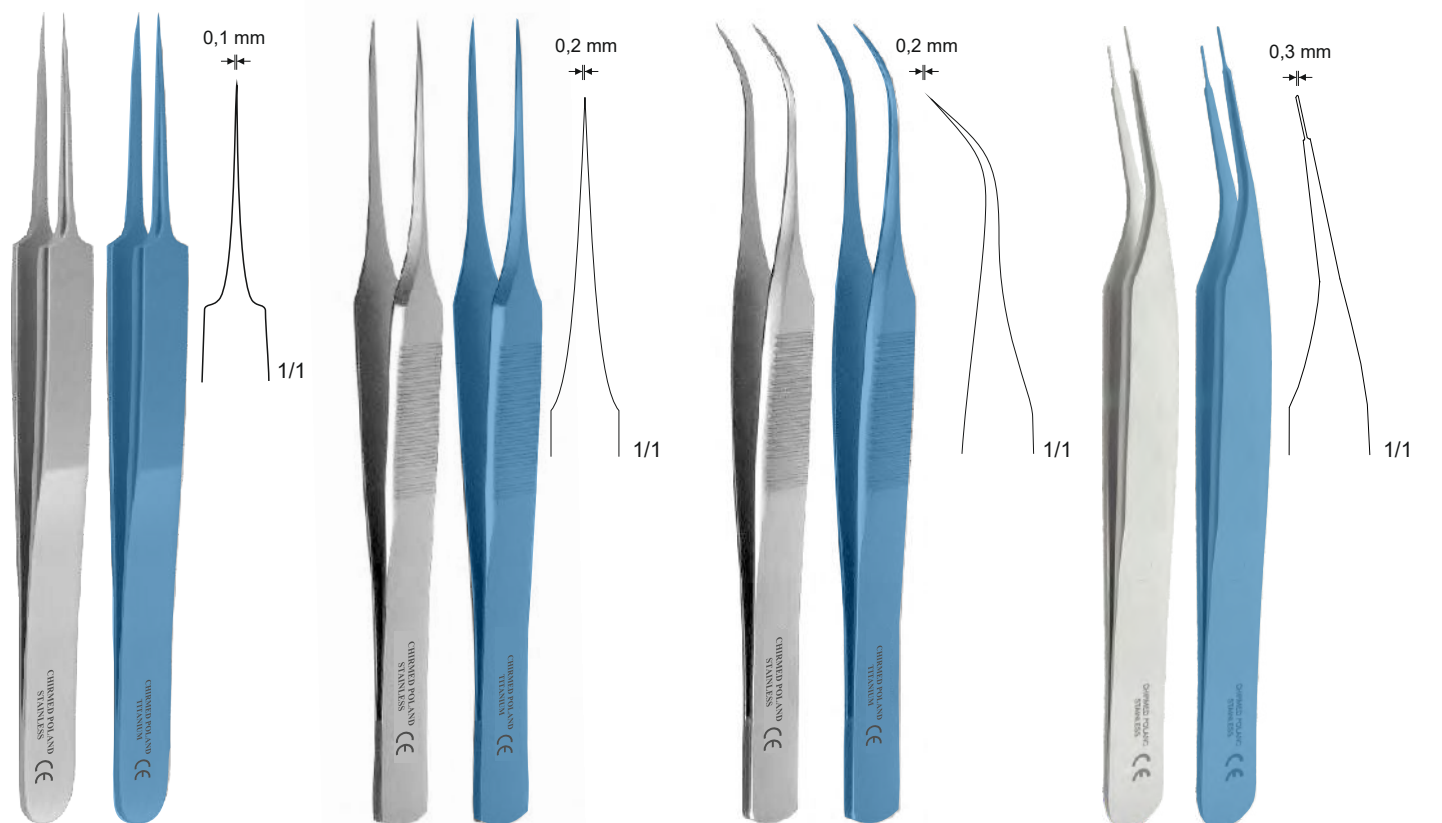


MK 01 **MK 01/T**
120 mm (4 3/4")
TITANIUM

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

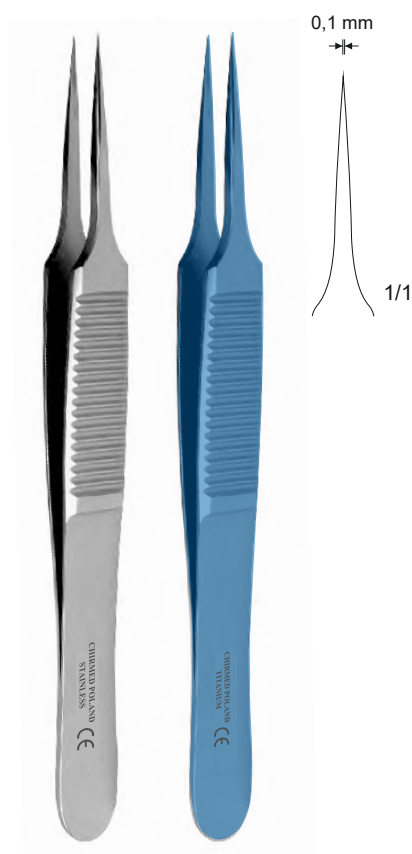


MK 05 **MK 05/T**
110 mm (4 3/8")
TITANIUM

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



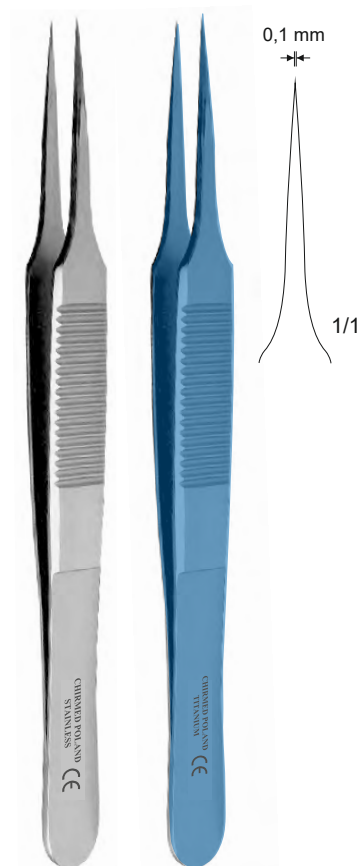
GE 11 **GE 11/T**
110 mm (4 3/8")
TITANIUM



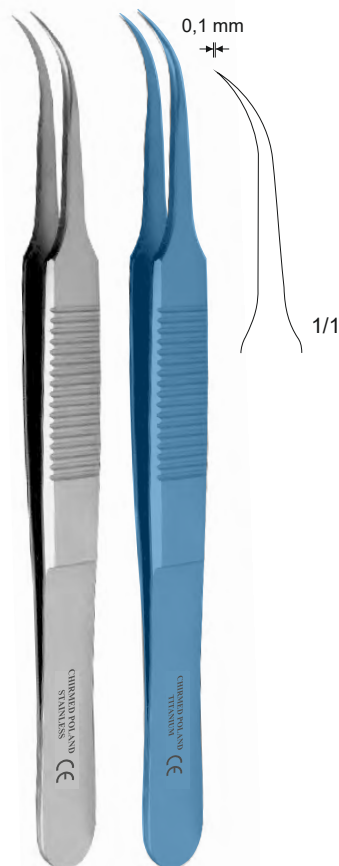
GE 30
48 mm



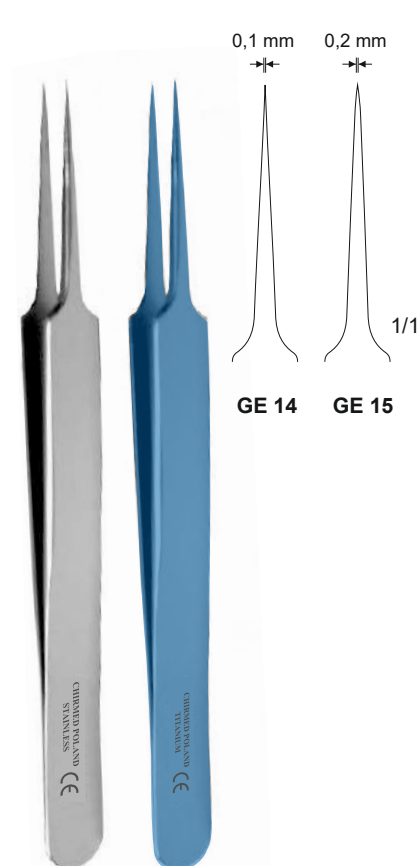
MK 336 **MK 336/T**
120 mm (4 3/4")
TITANIUM



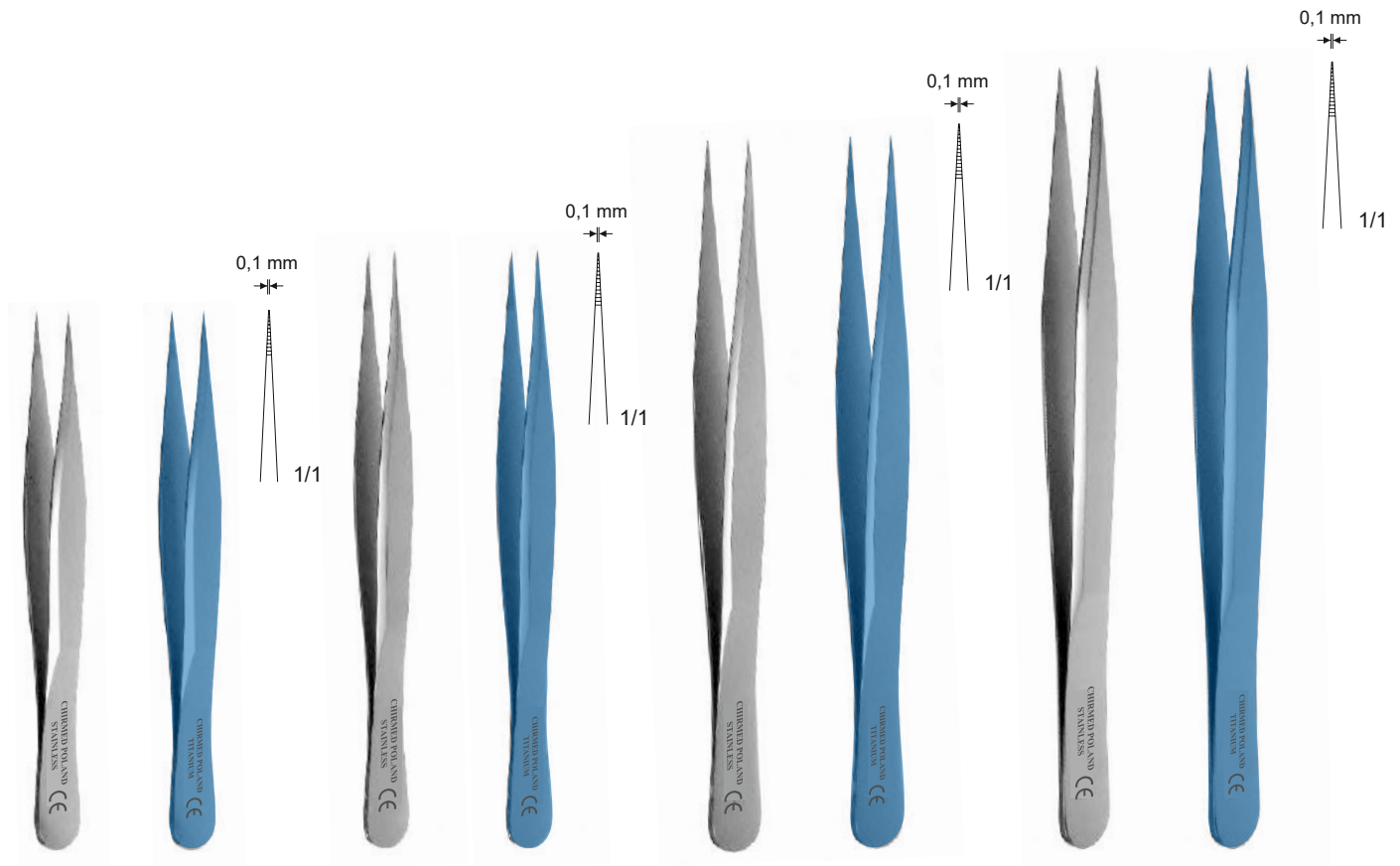
GE 12 **GE 12/T**
130 mm (5 1/8")
TITANIUM



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

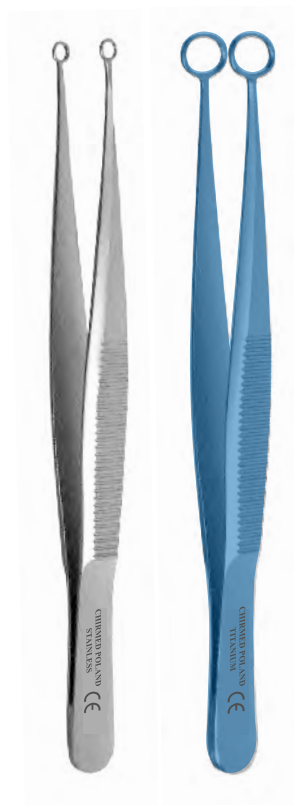


MK 22
100 mm (4")
TITANIUM

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

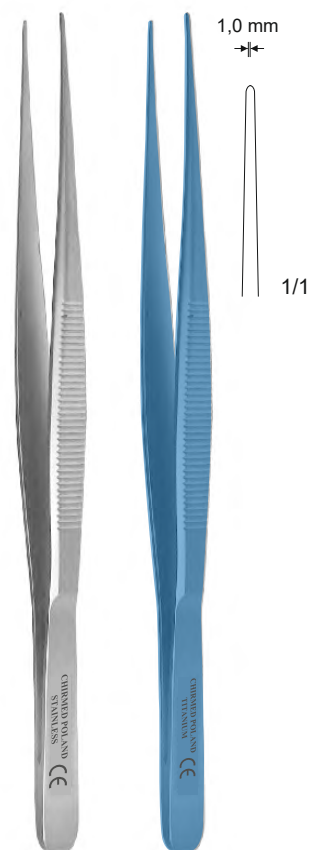
MK 24
130 mm (5 1/8")
TITANIUM

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



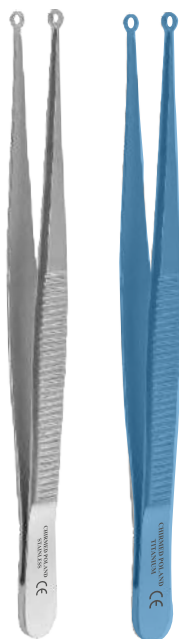
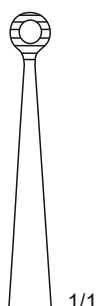
MK 18
100 mm (4")
TITANIUM

Czubki Tips Spitzen	Ø 3 mm	Ø 3 mm	Ø 6 mm	Ø 6x8 mm	Ø 8x10 mm	Ø 9 mm
	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



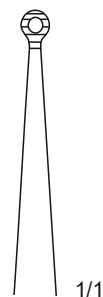
MK 54
130 mm (5 1/8")
TITANIUM

średnica wewnętrzna 3 mm
inside diameter 3 mm
innerer Durchmesser 3mm



CO 174 **CO 174/T**
130 mm (5 1/8")
CO 658 **CO 658/T**
160 mm (6 1/4")
TITANIUM

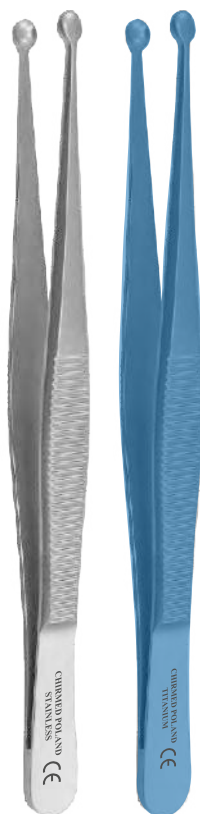
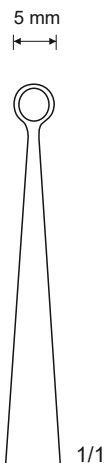
średnica wewnętrzna 2 mm
inside diameter 2 mm
innerer Durchmesser 2mm



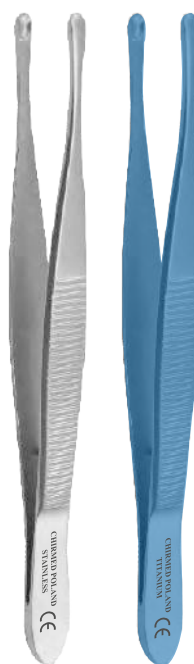
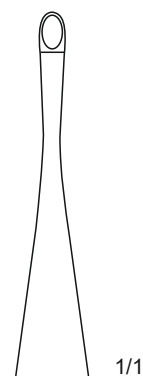
CO 175 **CO 175/T**
130 mm (5 1/8")
TITANIUM



RUSSIAN
CO 605 **CO 605/T**
150 mm (6")
TITANIUM

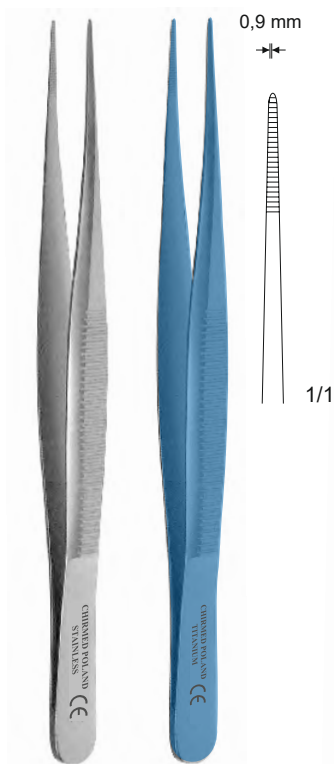


CO 173 **CO 173/T**
150 mm (6")
TITANIUM

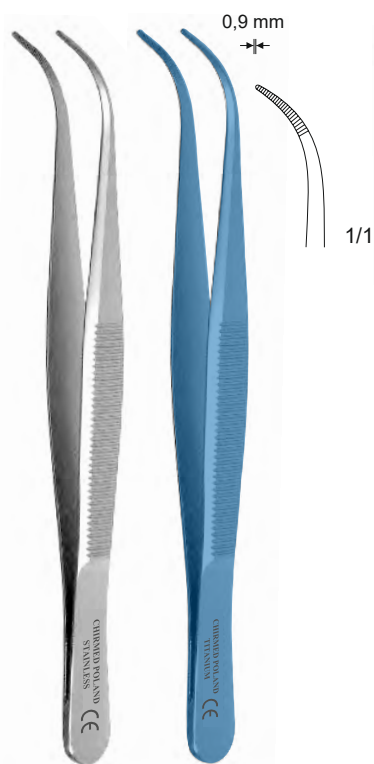


CO 176 **CO 176/T**
135 mm (5 1/4")
TITANIUM

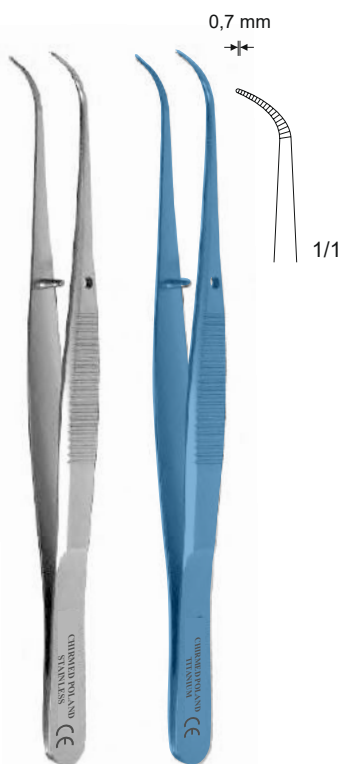
czubek/tip/Spitze:
3,8 x 5 mm
(owal, oval)



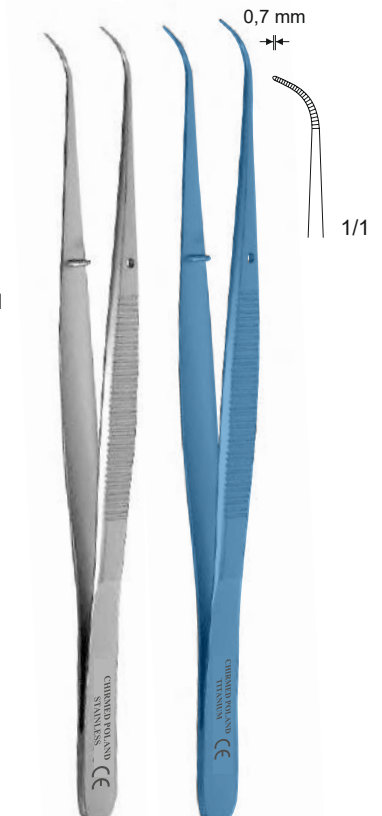
MK 16 MK 16/T
110 mm (4 3/8")
TITANIUM



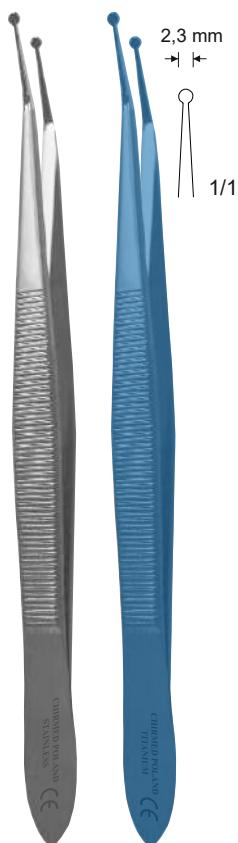
MK 17 MK 17/T
110 mm (4 3/8")
TITANIUM



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



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

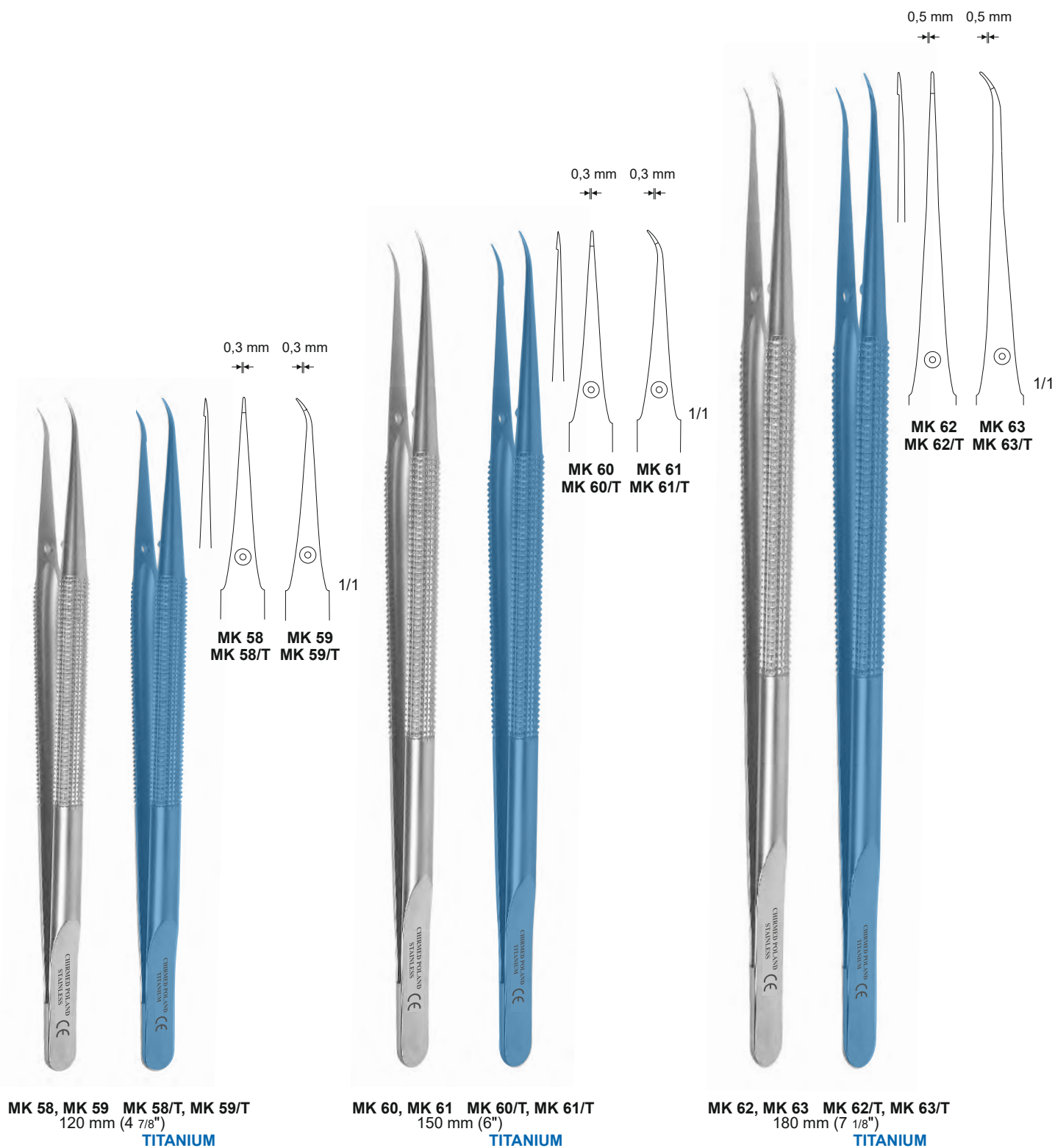


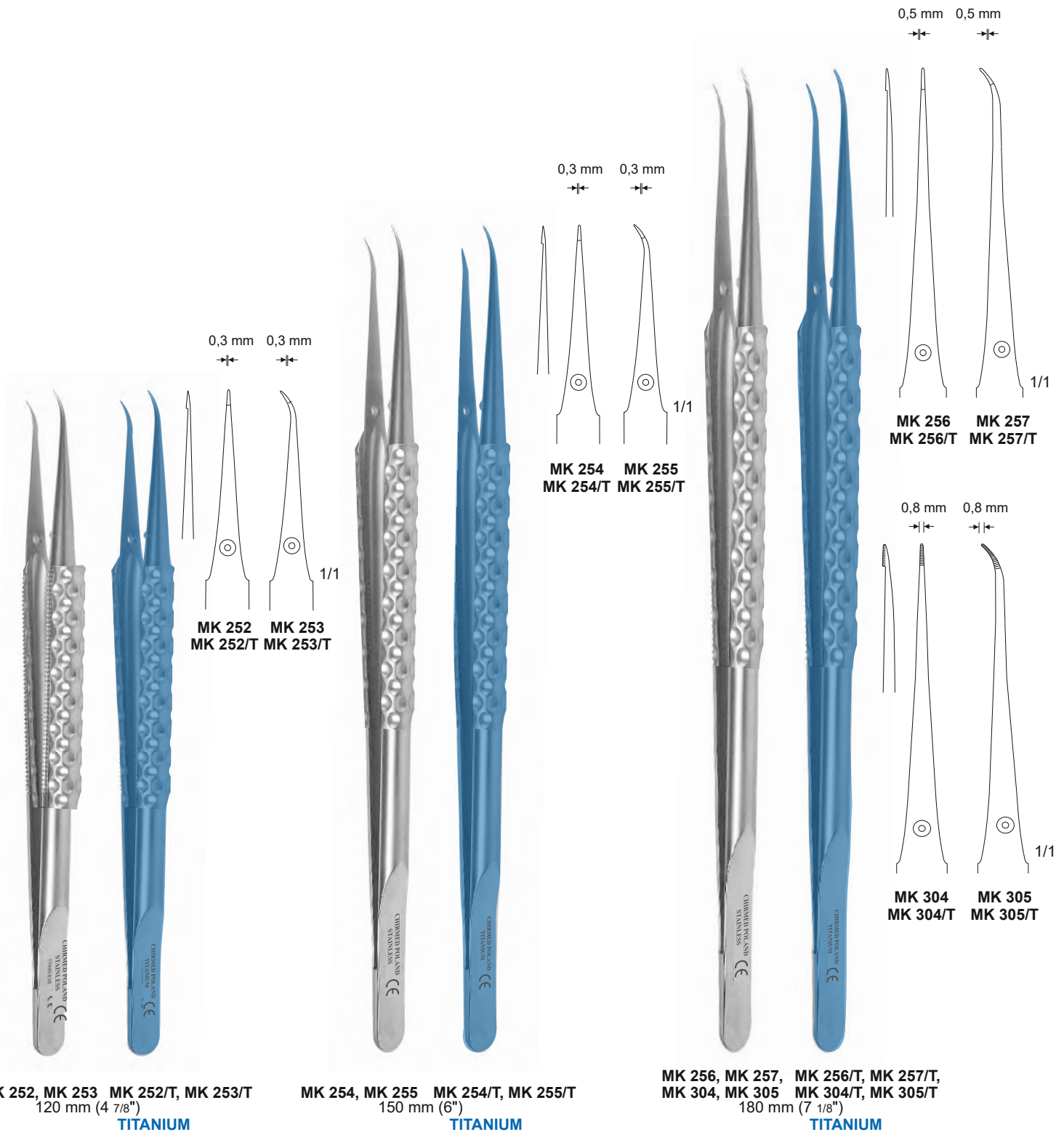
FOERSTER
MK 393 MK 393/T
100 mm (4")
TITANIUM



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

MK 394 MK 418
MK 394/T MK 418/T





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")

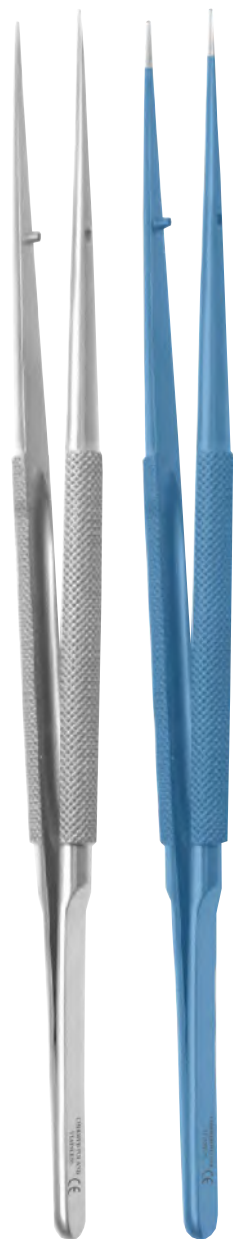
TITANIUM

**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



Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen



MK 111

MK 111/T
TITANIUM

Czubki
Tips
Spitzen

Długość
Length (in)
Länge



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

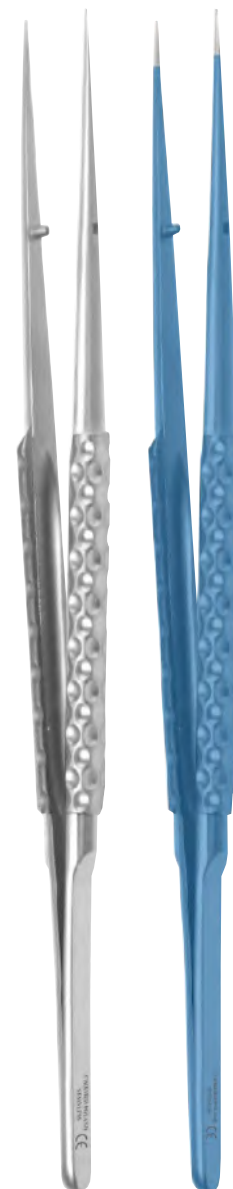
Czubki
Tips
Spitzen

Długość
Length (in)
Länge



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



MK 72

MK 72/T
TITANIUM

Czubki Tips Spitzen	 1,2 mm → ←	 1,2 mm → ←
		 3/1
Długość Length (in) Länge		
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



MK 75

MK 75/T
TITANIUM

Czubki Tips Spitzen	 1,1 mm → ←	 1,1 mm → ←
		 3/1
Długość Length (in) Länge		
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



Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen

Czubki
Tips
Spitzen



1,0 mm



Długość
Length (in)
Länge



3/1

250 mm (10 4/5")

MK 376

250 mm (10 4/5")
TITANIUM

MK 376/T

Czubki
Tips
Spitzen



1,1 mm



Długość
Length (in)
Länge



1,1 mm



3/1

150 mm (6")

MK 248

MK 248/A

150 mm (6")
TITANIUM

MK 248/T

MK 248/A/T

185 mm (7 1/4")

MK 119

MK 119/A

185 mm (7 1/4")
TITANIUM

MK 119/T

MK 119/A/T

210 mm (8 1/4")

MK 120

MK 120/A

210 mm (8 1/4")
TITANIUM

MK 120/T

MK 120/A/T

Czubki
Tips
Spitzen



2,0 mm



Długość
Length (in)
Länge



3/1

185 mm (7 1/4")

MK 375

185 mm (7 1/4")
TITANIUM

MK 375/T

Czubki
Tips
Spitzen



1,2 mm



Długość
Length (in)
Länge



1,2 mm



3/1

185 mm (7 1/4")

MK 271

MK 271/A

185 mm (7 1/4")
TITANIUM

MK 271/T

MK 271/A/T

210 mm (8 1/4")

MK 272

MK 272/A

210 mm (8 1/4")
TITANIUM

MK 272/T

MK 272/A/T

230 mm (9")

MK 273

MK 273/A

230 mm (9")
TITANIUM

MK 273/T

MK 273/A/T

255 mm (10 1/4")

MK 274

MK 274/A

255 mm (10 1/4")
TITANIUM

MK 274/T

MK 274/A/T

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

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

Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen

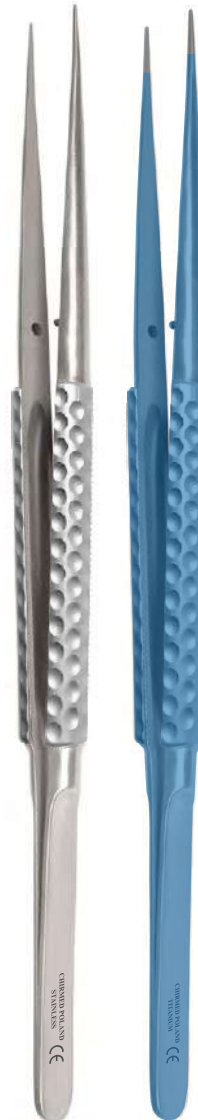


Czubki Tips Spitzen	1,2 mm → ←	1,2 mm → ←	1,0 mm → ←	1,0 mm → ←	0,8 mm → ←
Długość Length (in) Länge	 3/1	 3/1	 3/1	 3/1	 1/1
150 mm (6")	MK 333	MK 333/A			
150 mm (6") TITANIUM	MK 333/T	MK 333/A/T			
185 mm (7 1/4")	MK 73	MK 73/A			MK 420
185 mm (7 1/4") TITANIUM	MK 73/T	MK 73/A/T			MK 420/T
210 mm (8 1/4")	MK 74	MK 74/A	MK 401		MK 419
210 mm (8 1/4") TITANIUM	MK 74/T	MK 74/A/T	MK 401/T		MK 419/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		MK 421	
255 mm (10 1/4") TITANIUM	MK 76/T	MK 76/A/T		MK 421/T	



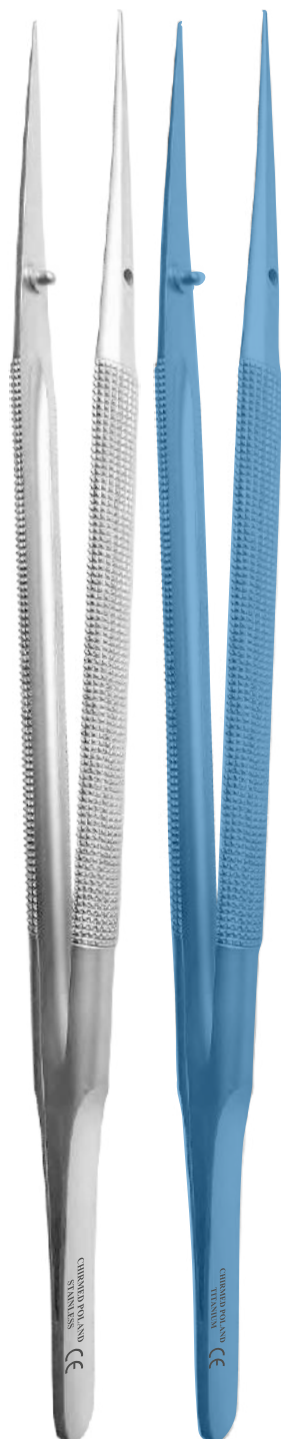
MK 103 **MK 103/T**
185 mm (7 1/4")
TITANIUM

Czubki Tips Spitzen	1,0 mm → ←	0,5 mm → ←
Długość Length (in) Länge	 1/1	 1/1
185 mm (7 1/4")	MK 367	MK 103
185 mm (7 1/4") TITANIUM	MK 367/T	MK 103/T
210 mm (8 1/4")	MK 66	MK 104
210 mm (8 1/4") TITANIUM	MK 66/T	MK 104/T



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

Czubki Tips Spitzen	1,0 mm → ←	0,5 mm → ←
Długość Length (in) Länge	 1/1	 1/1
185 mm (7 1/4")	MK 368	MK 126
185 mm (7 1/4") TITANIUM	MK 368/T	MK 126/T
210 mm (8 1/4")	MK 125	MK 127
210 mm (8 1/4") TITANIUM	MK 125/T	MK 127/T



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

Czubki
Tips
Spitzen

0,6 mm



φ 1x2

1/1

Długość
Length (in)
Länge

180 mm (7 1/8")

MK 276

180 mm (7 1/8")
TITANIUM

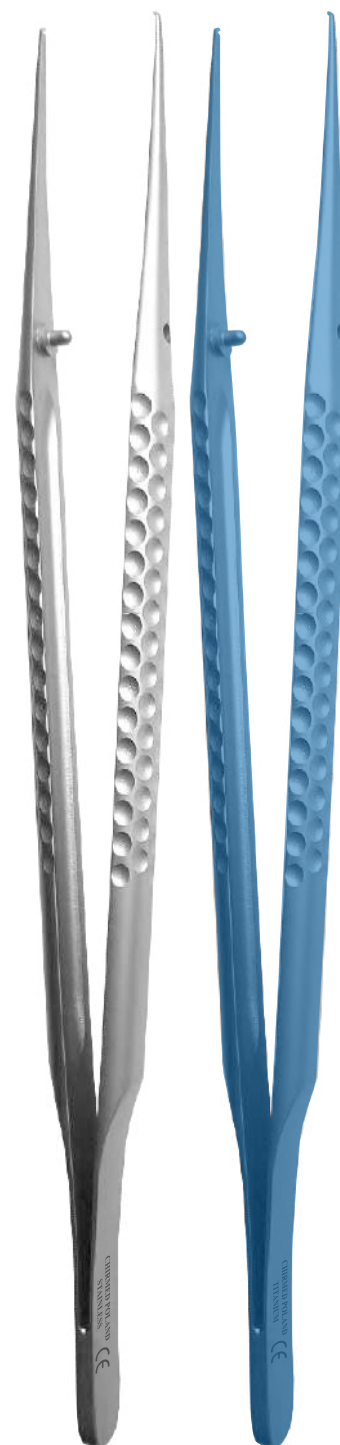
MK 276/T

200 mm (8")

MK 277

200 mm (8")
TITANIUM

MK 277/T



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

Czubki
Tips
Spitzen

0,6 mm



φ 1x2

0,6 mm



φ 1x2

1/1

Długość
Length (in)
Länge

180 mm (7 1/8")

MK 275

MK 427

180 mm (7 1/8")
TITANIUM

MK 275/T

MK 427/T

200 mm (8")

MK 64

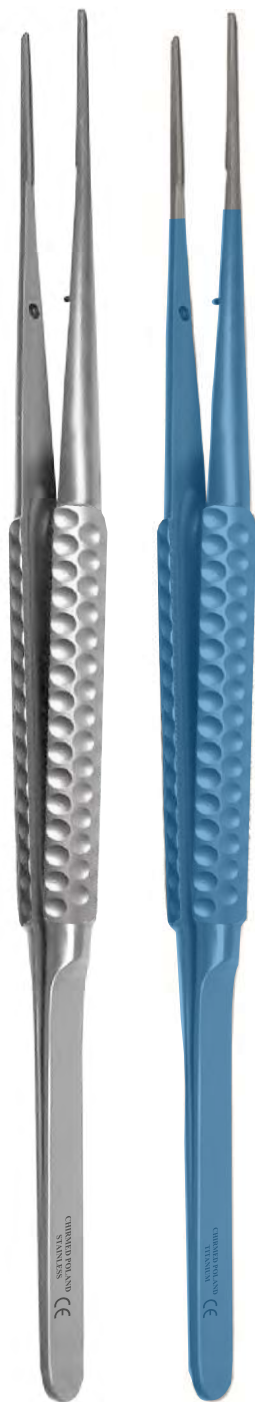
200 mm (8")
TITANIUM

MK 64/T



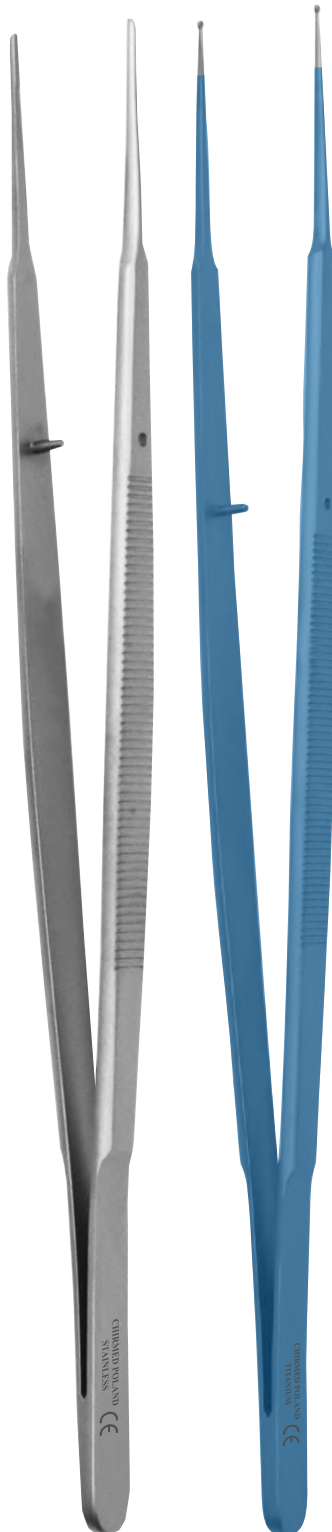
DE BAKEY
MK 101 **MK 101/T**
180 mm (7 1/8")
TITANIUM

Czubki Tips Spitzen	0,6 mm → ←	1,0 mm → ←	2,0 mm → ←
			
Długość Length (in) Länge			1/1
180 mm (7 1/8")	MK 99	MK 101	MK 100
180 mm (7 1/8") TITANIUM	MK 99/T	MK 101/T	MK 100/T
195 mm (7 3/4")		MK 416	
195 mm (7 3/4") TITANIUM		MK 416/T	
210 mm (8 1/4")	MK 110	MK 102	MK 102/2
210 mm (8 1/4") TITANIUM	MK 110/T	MK 102/T	MK 102/2/T
240 mm (9 3/4")		MK 417	
240 mm (9 3/4") TITANIUM		MK 417/T	



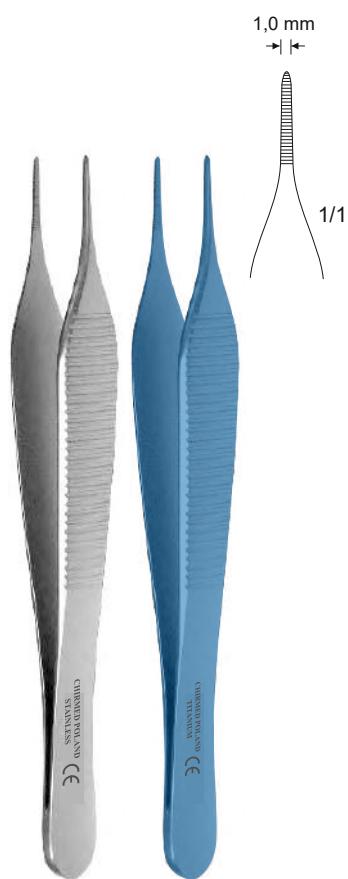
DE BAKEY
MK 122 MK 122/T
180 mm (7 1/8")
TITANIUM

Czubki Tips Spitzen	0,6 mm → ←	1,0 mm → ←	2,0 mm → ←
			
Długość Length (in) Länge			1/1
180 mm (7 1/8")	MK 281	MK 122	MK 121
180 mm (7 1/8") TITANIUM	MK 281/T	MK 122/T	MK 121T
195 mm (7 3/4")		MK 428	
195 mm (7 3/4") TITANIUM		MK 428/T	
210 mm (8 1/4")	MK 282	MK 124	MK 123
210 mm (8 1/4") TITANIUM	MK 282/T	MK 124/T	MK 123T
240 mm (9 3/4")		MK 429	
240 mm (9 3/4") TITANIUM		MK 429/T	

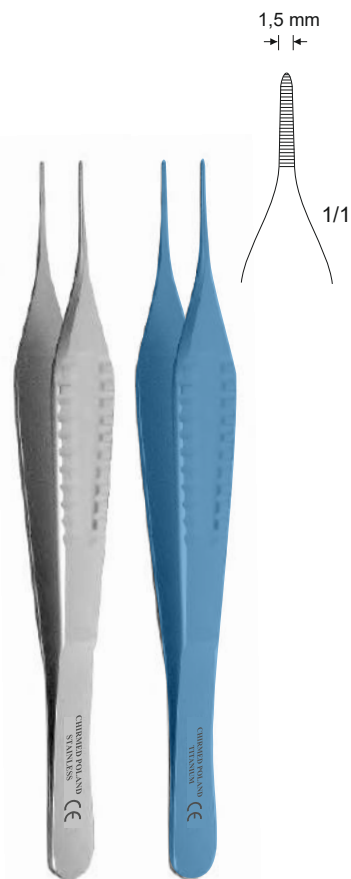


GERALD
CO 233 CO 234/T
210 mm (8 1/4")
TITANIUM

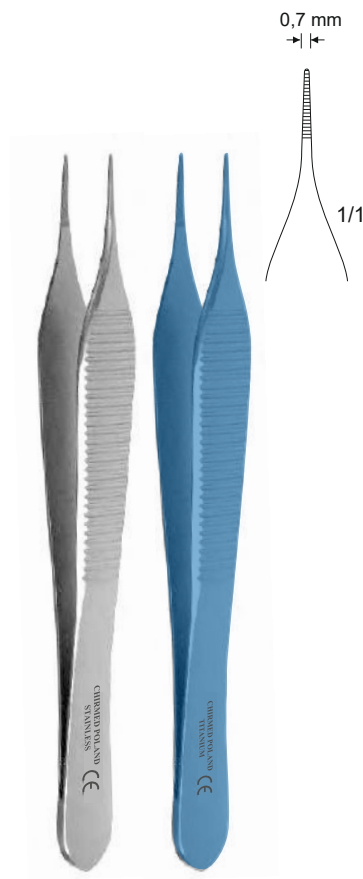
Czubki Tips Spitzen	 1,2 mm → ←	 1,0 mm → ←	 1,0 mm → ←	1,0 mm → ← ⊙ ⊙	1,0 mm → ← ⊙ ⊙
Długość Length (in) Länge	 2/1	 1/1	 1/1	 1/1	 1/1
175 mm (7")	CO 234	CO 230			
175 mm (7") TITANIUM	CO 234/T	CO 230/T			
175 mm (7")				CO 232	
175 mm (7") TITANIUM				CO 232/T	
210 mm (8 1/4")	CO 235		CO 231		CO 233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



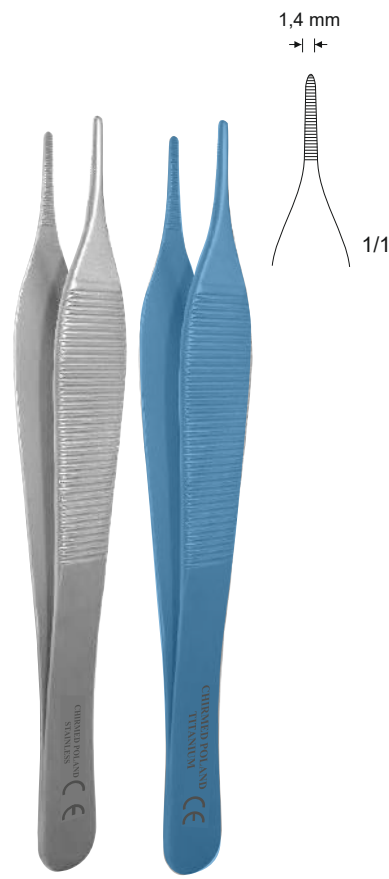
ADSON
MK 26 MK 26/T
120 mm (4 3/4")
TITANIUM



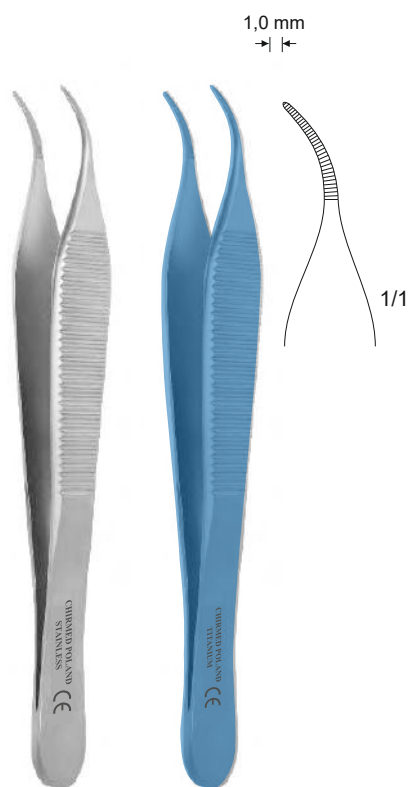
ADSON
MK 33 MK 33/T
120 mm (4 3/4")
TITANIUM



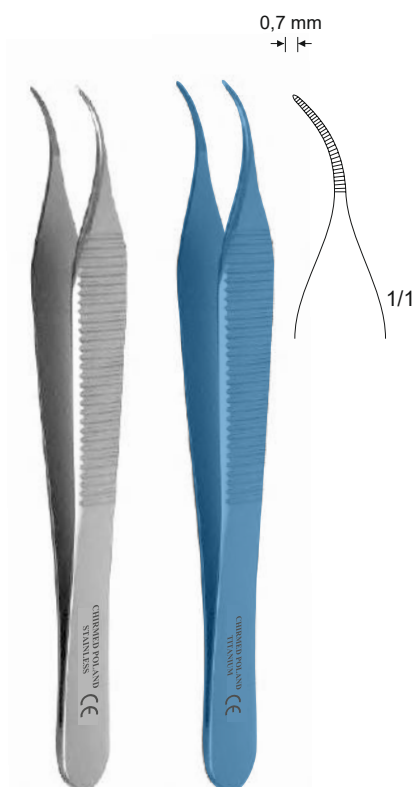
MIKRO-ADSON
MK 28 MK 28/T
120 mm (4 3/4")
TITANIUM



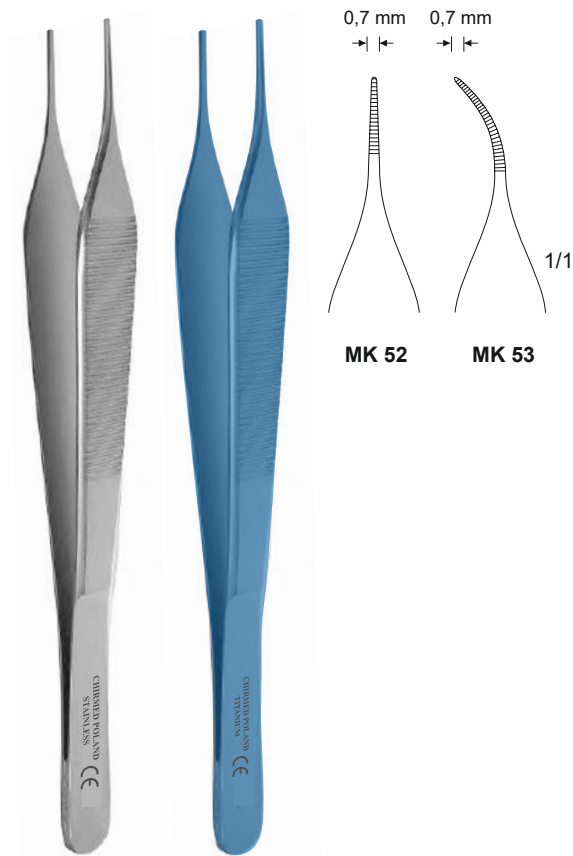
ADSON
MK 332 MK 332/T
130 mm (5 1/8")
TITANIUM



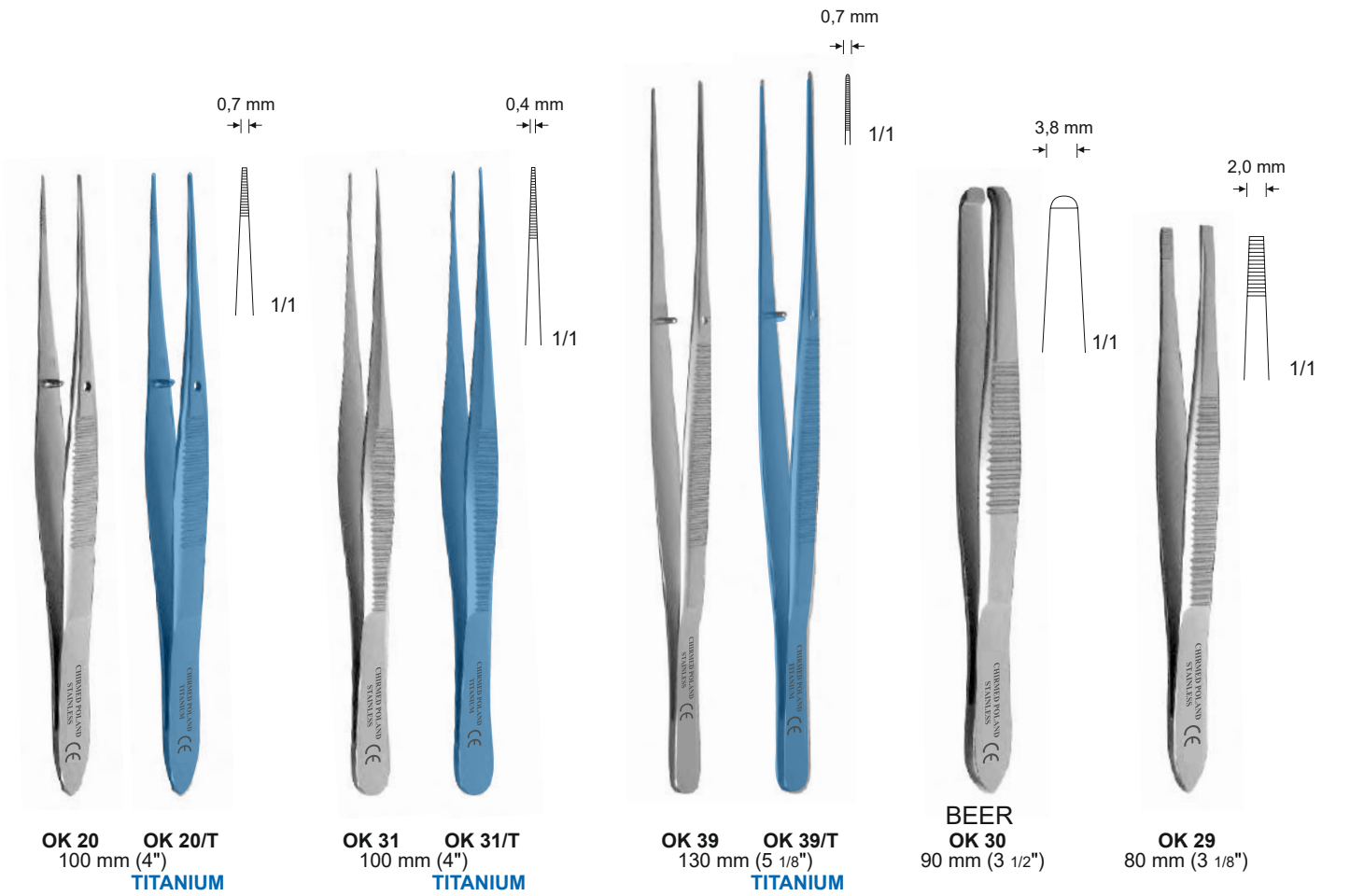
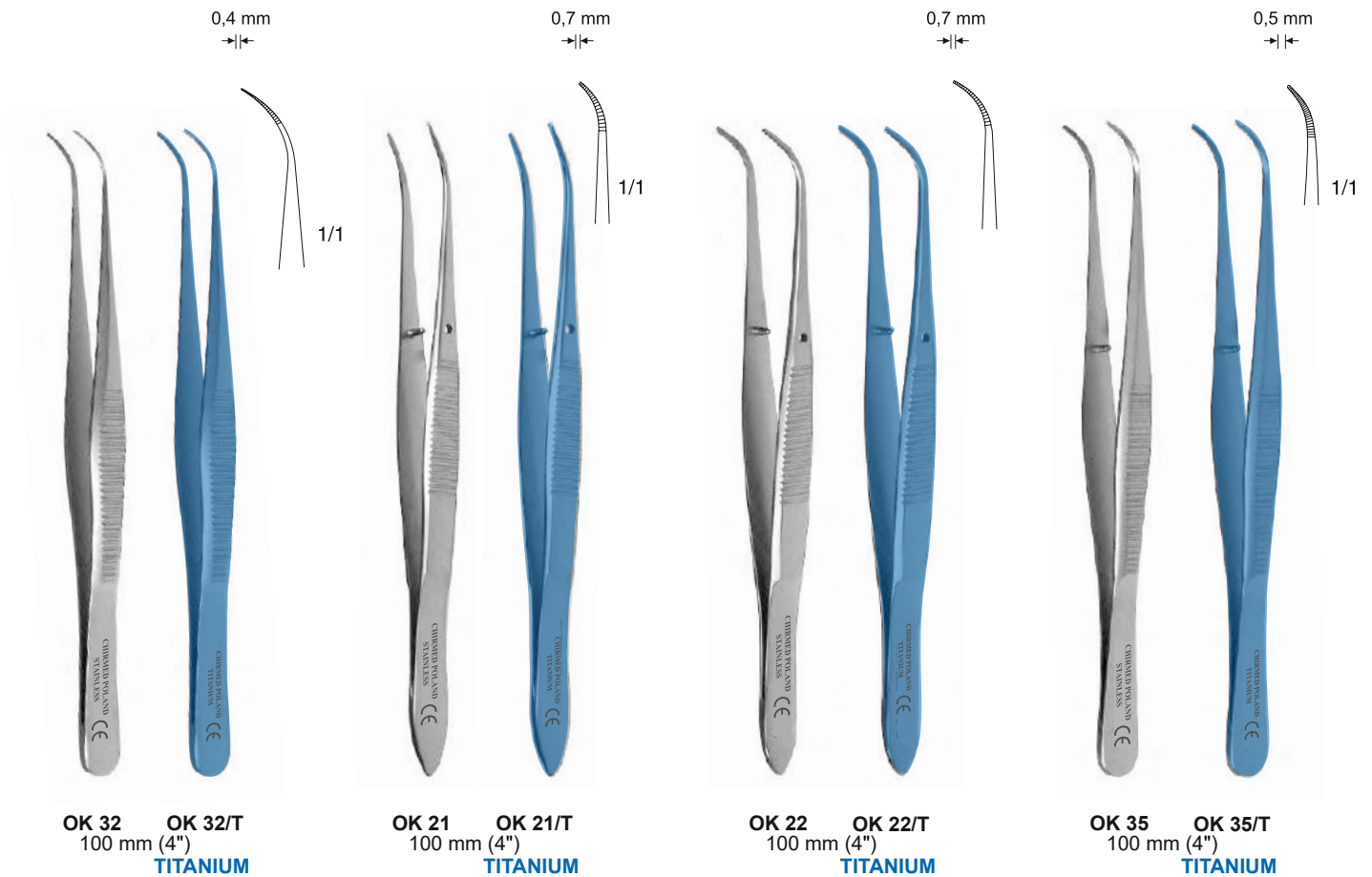
ADSON
MK 56 MK 56/T
120 mm (4 3/4")
TITANIUM



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



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

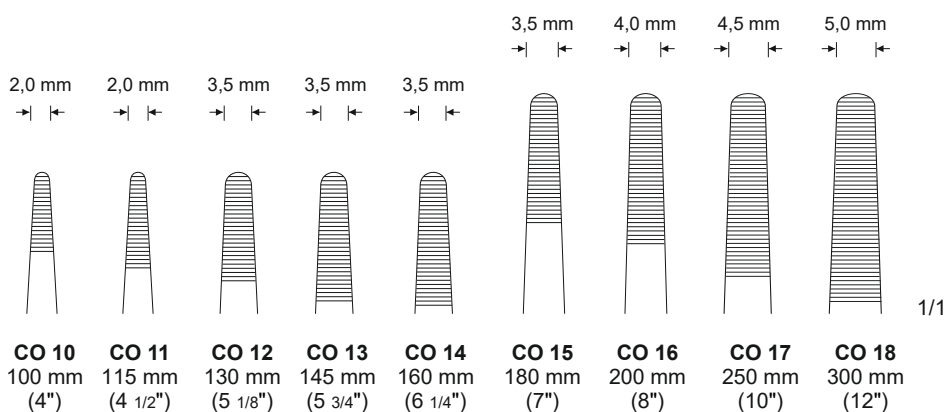


TITANIUM

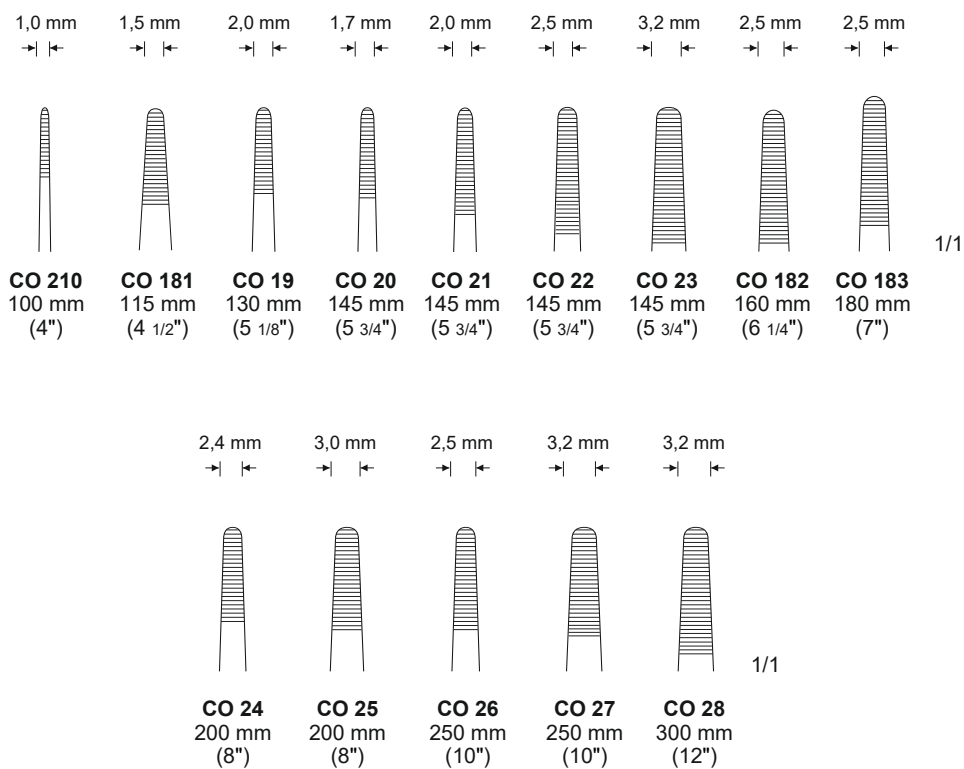
DOSTĘPNE RÓWNIEŻ W WERSJI TYTANOWEJ
AVAILABLE ALSO IN TITANIUM VERSION
ERREICHBAR AUCH IN TITAN



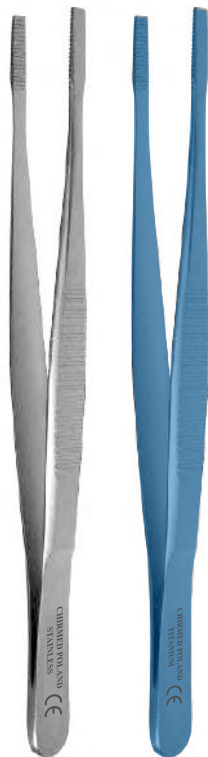
STANDARD
CO 14 CO 14/T
TITANIUM



MEDIUM
CO 23 CO 23/T
TITANIUM



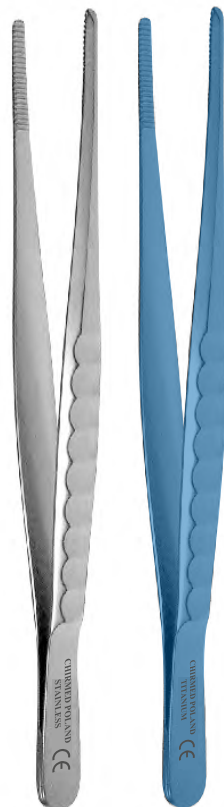
DOSTĘPNE RÓWNIEŻ W WERSJI TYTANOWEJ
AVAILABLE ALSO IN TITANIUM VERSION **TITANIUM**
ERREICHBAR AUCH IN TITAN



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")

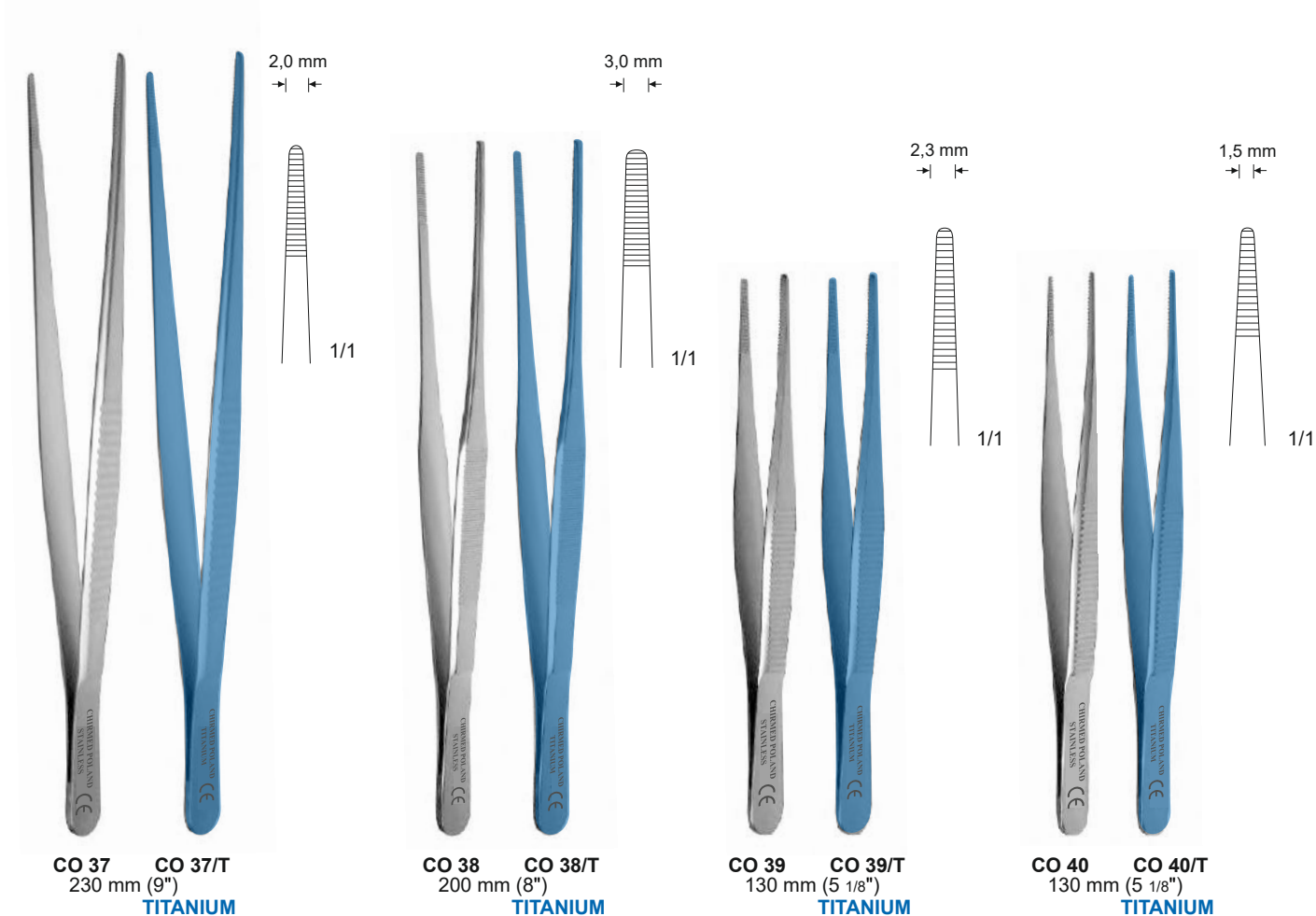
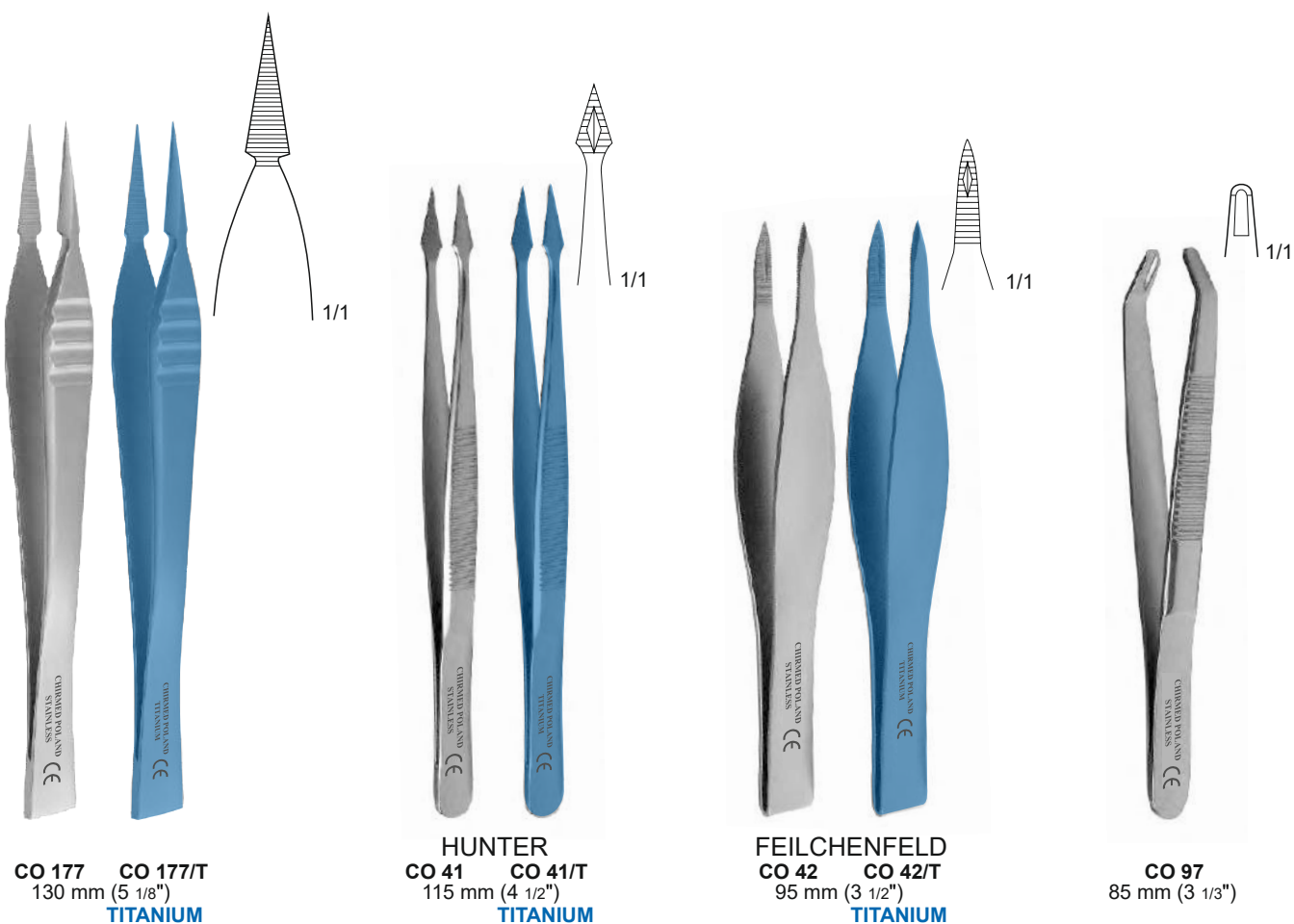
1/1

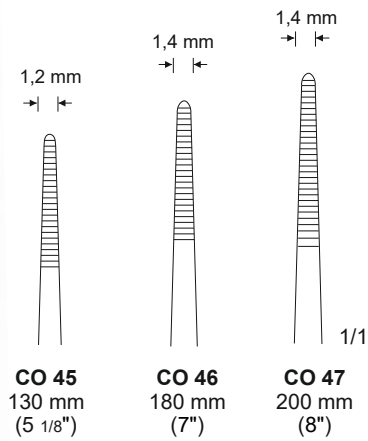


CO 33 **CO 33/T**
TITANIUM

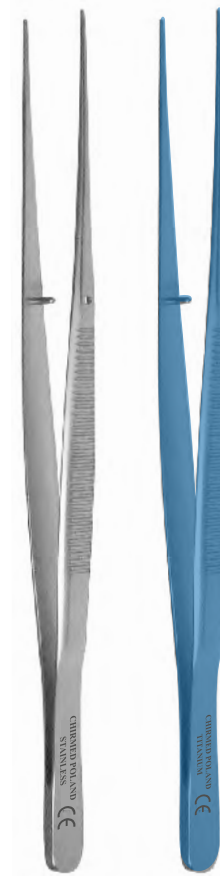
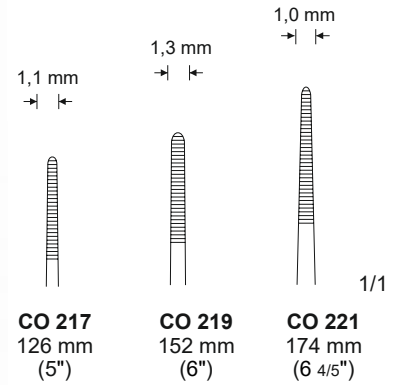
2,8 mm	3,0 mm	3,2 mm	4,0 mm	2,4 mm
→ ←	→ ←	→ ←	→ ←	→ ←
CO 33 130 mm (5 1/8")	CO 34 150 mm (6")	CO 35 180 mm (7")	CO 36 230 mm (9")	CO 98 230 mm (9")

1/1

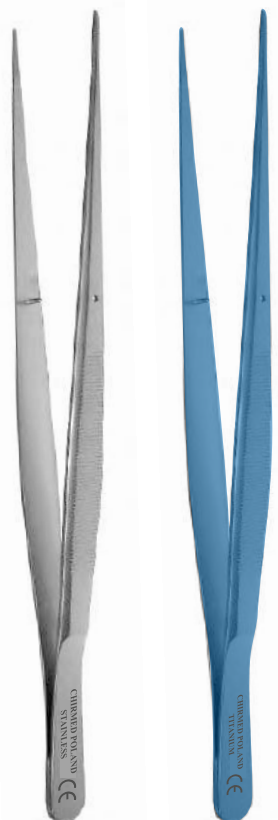
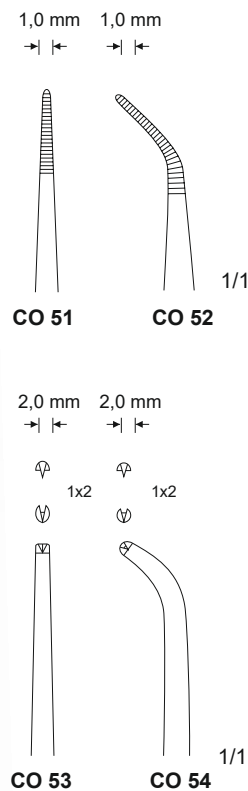




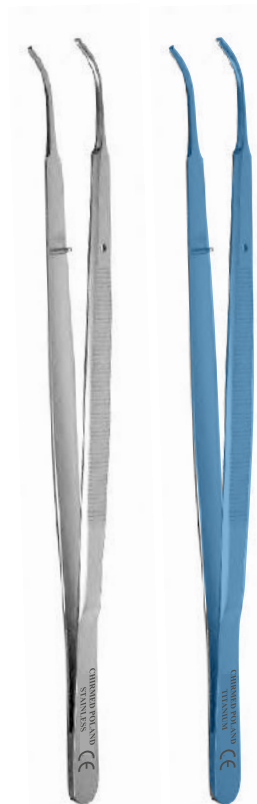
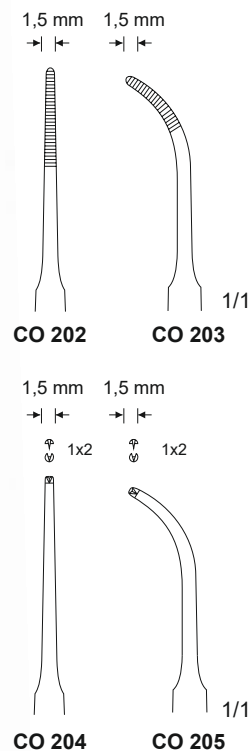
CUSHING
CO 45 - CO 47 CO 45/T - CO 47/T
TITANIUM



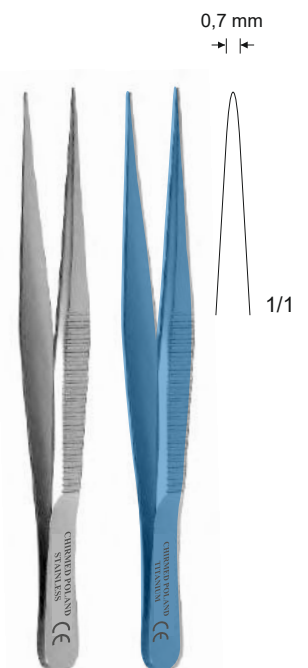
SEMKEN
CO 217 CO 217/T
CO 219 CO 219/T
CO 221 CO 221/T
TITANIUM



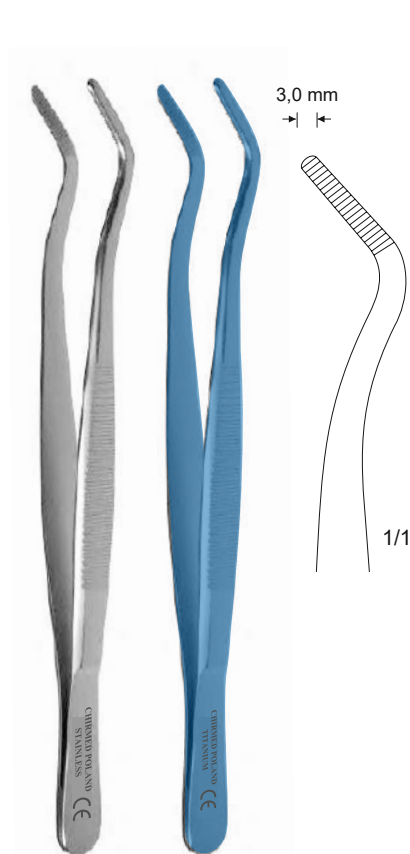
CO 51 - CO 54 CO 51/T - CO 54/T
200 mm (8")
TITANIUM



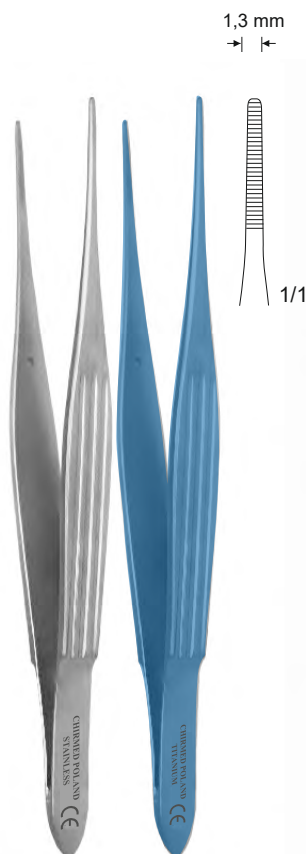
GERALD
CO 202 - CO 205 CO 202/T - CO 205/T
175 mm (7")
TITANIUM



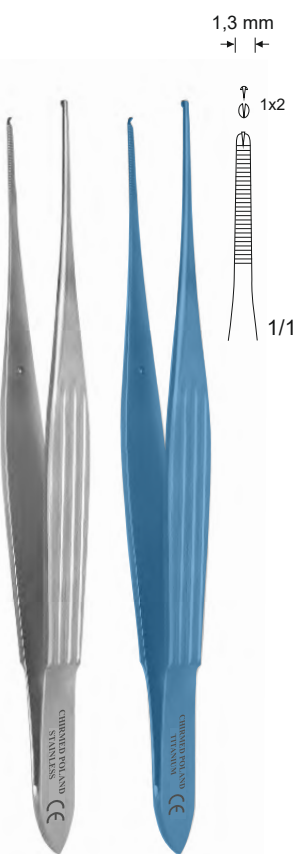
CO 217/A CO 217/A/T
100 mm (4")
TITANIUM



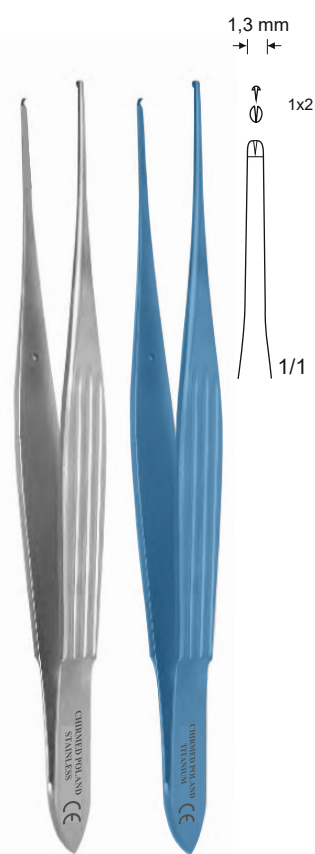
CO 226 CO 226/T 156 mm (6")
CO 227 CO 227/T 170 mm (7")
CO 228 CO 228/T 185 mm (7 1/4")
TITANIUM



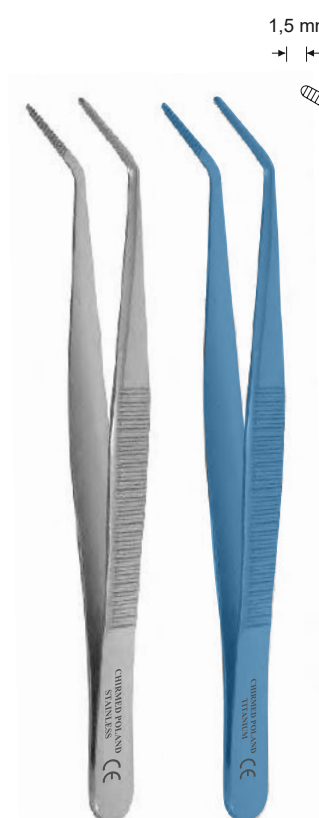
MC INDOE
CO 307 CO 307/T
155 mm (6")
TITANIUM



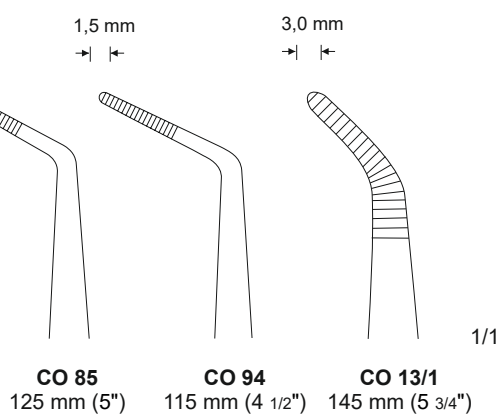
MC INDOE
CO 308 CO 308/T
155 mm (6")
TITANIUM



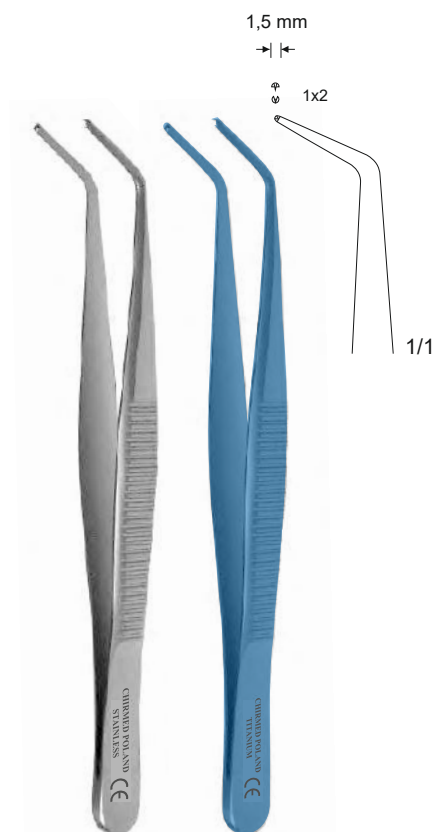
MC INDOE
CO 172 CO 172/T
160 mm (6 1/4")
TITANIUM



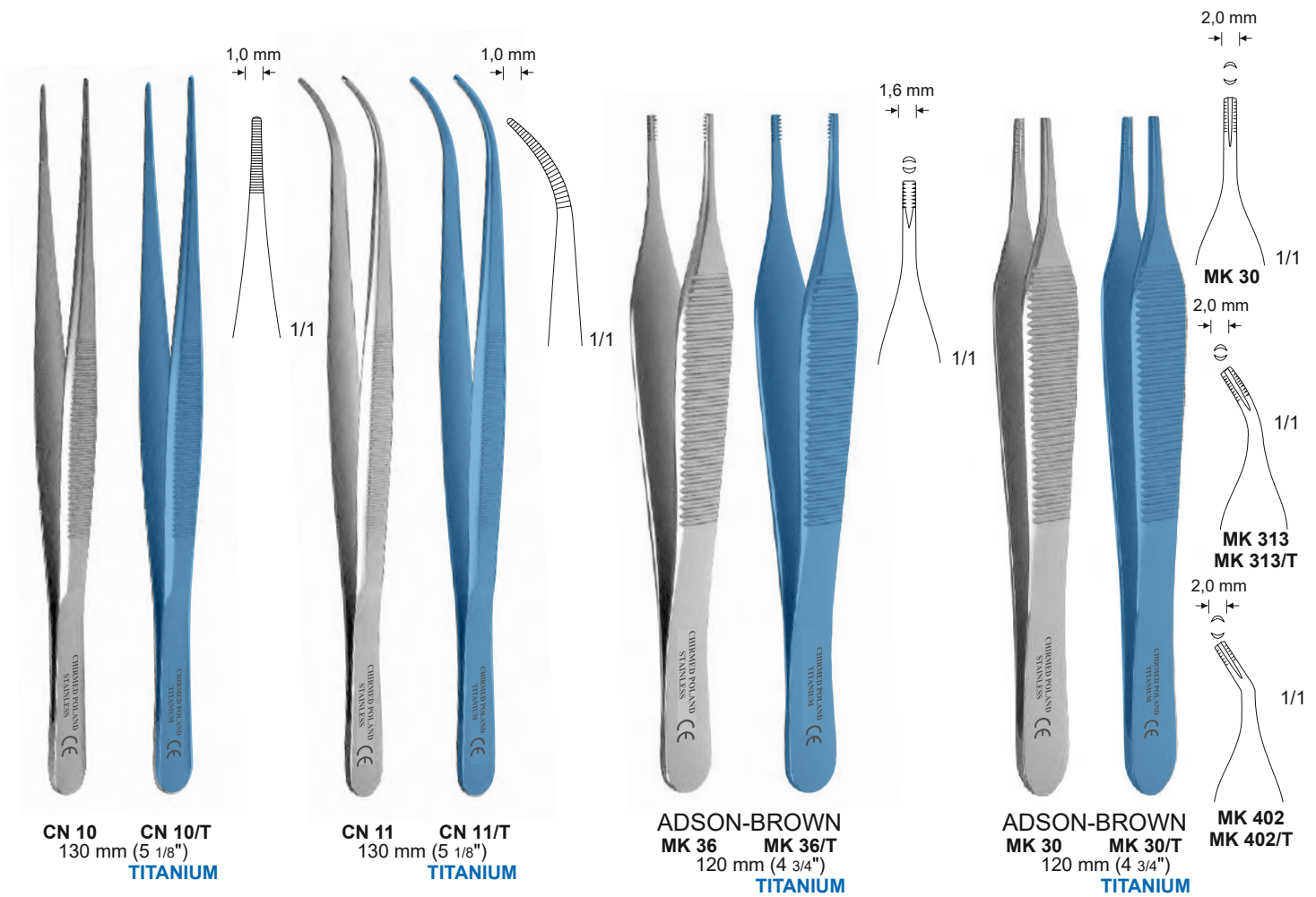
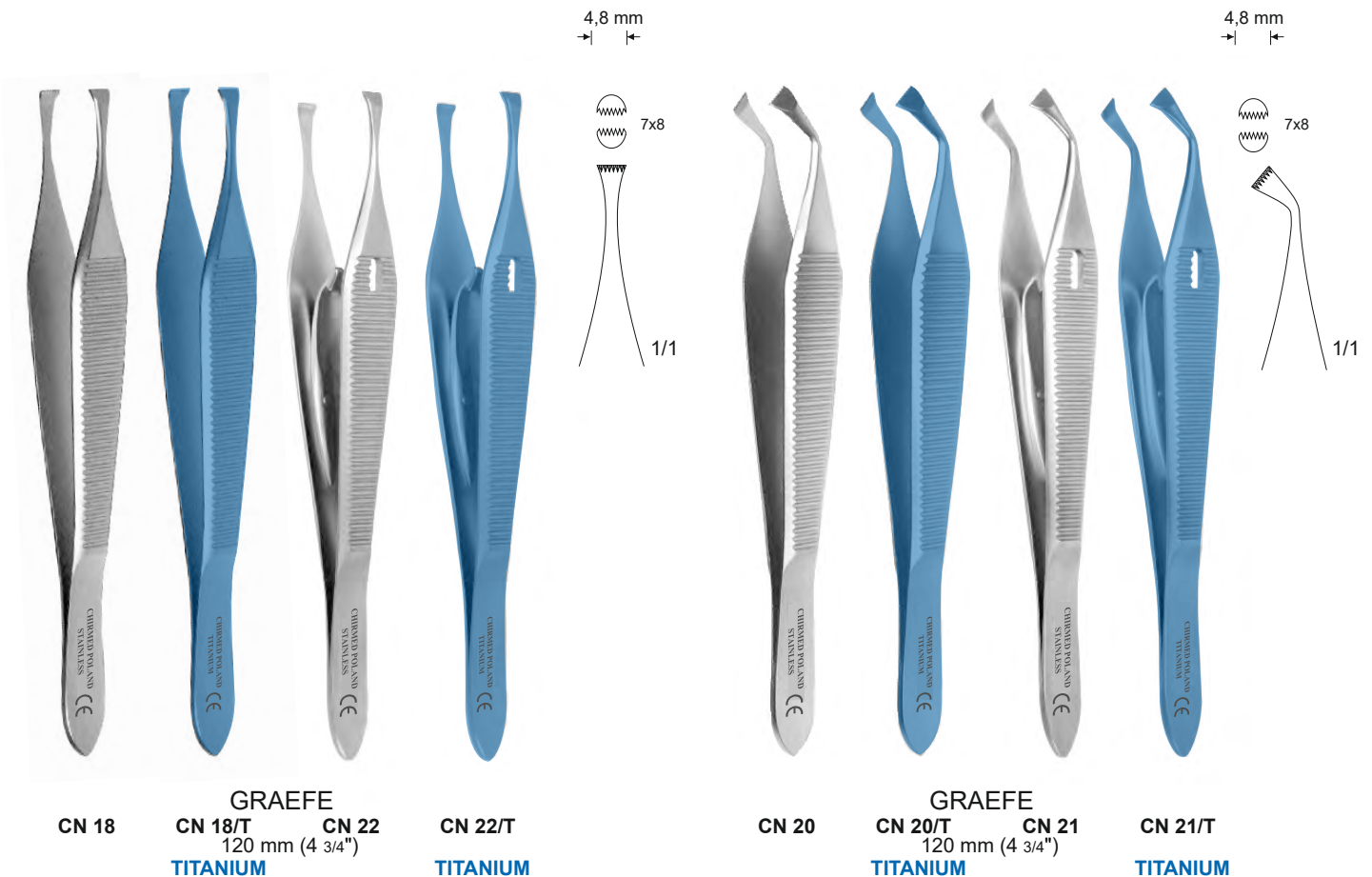
CO 85 CO 85/T
CO 94 CO 94/T
TITANIUM

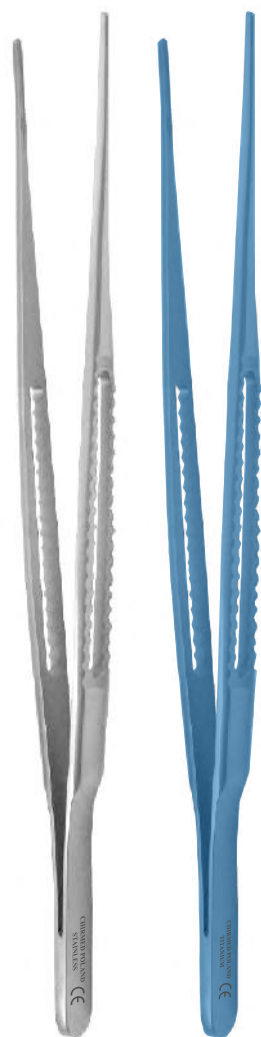


CO 85 CO 94 CO 13/1
125 mm (5") 115 mm (4 1/2") 145 mm (5 3/4")



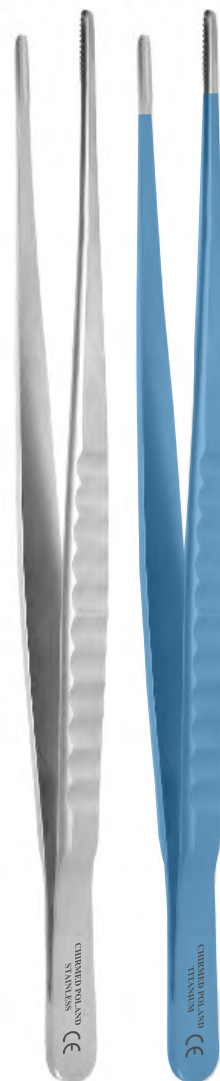
CO 86 CO 86/T
130 mm (5 1/8")
TITANIUM



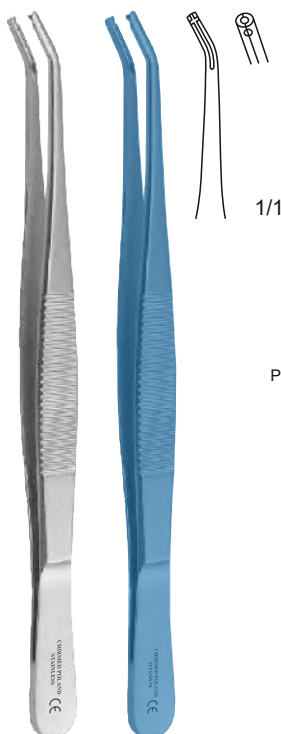


DE BAKEY MASTERLIGHT
CN 102 CN 102/T
TITANIUM

Czubki Tips Spitzen	1,0 mm	1,5 mm	2,0 mm
Długość Length (in) Länge			1/1
150 mm (6")	CN 100	CN 136	
150 mm (6") TITANIUM	CN 100/T	CN 136/T	
195 mm (7 3/4")	CN 101	CN 137	CN 102
195 mm (7 3/4") TITANIUM	CN 101/T	CN 137/T	CN 102/T
240 mm (9 3/4")	CN 103	CN 133	CN 104
240 mm (9 3/4") TITANIUM	CN 103/T	CN 133/T	CN 104/T
300 mm (12")		CN 134	CN 105
300 mm (12") TITANIUM		CN 134/T	CN 105/T

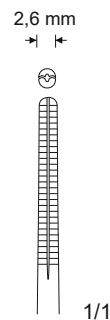


COOLEY
CN 19 CN 19/T
230 mm (9 3/4")
TITANIUM



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

Pinceta do zakładania zacisków
Clamp applying forceps
Anlegepinzette für Klemmen



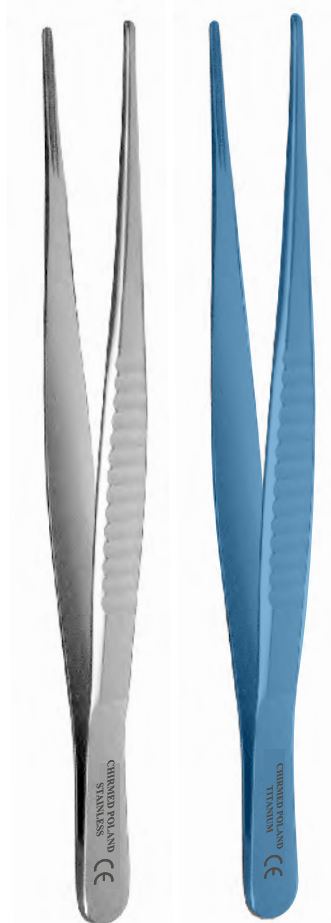
1/1



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

Czubki Tips Spitzen	1,0 mm → ←	1,5 mm → ←	2,0 mm → ←	3,0 mm → ←	3,0 mm → ←
Długość Length (in) Länge					
150 mm (6")	CN 14/1	CN 122	CN 14/4	CN 14/8	
150 mm (6") TITANIUM	CN 14/1/T	CN 122/T	CN 14/4/T	CN 14/8/T	
195 mm (7 3/4")	CN 15/2	CN 124	CN 15/5	CN 15/9	
195 mm (7 3/4") TITANIUM	CN 15/2/T	CN 124/T	CN 15/5/T	CN 15/9/T	
240 mm (9 3/4")	CN 15/3	CN 125	CN 15/6		CN 15/10
240 mm (9 3/4") TITANIUM	CN 15/3/T	CN 125/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

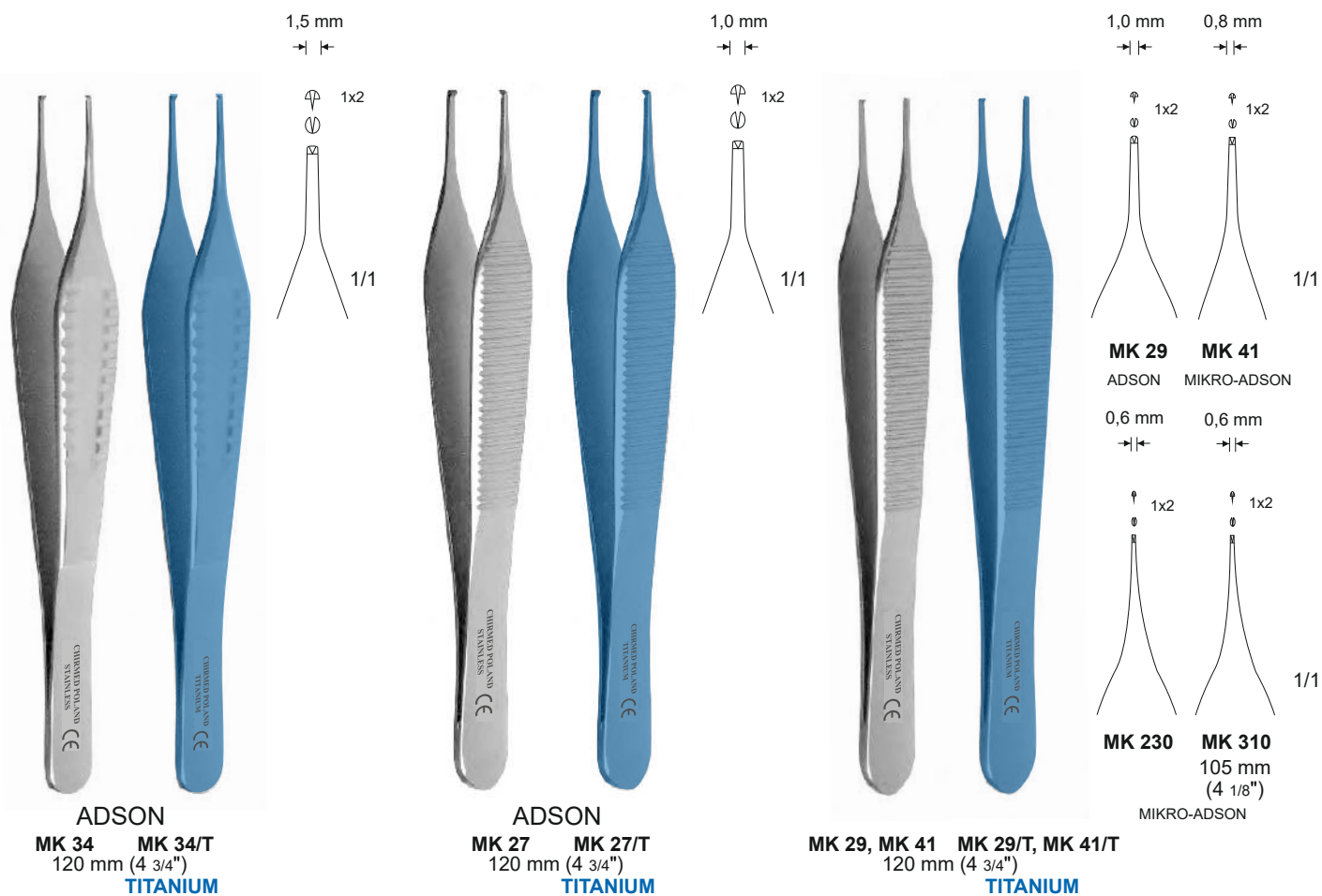
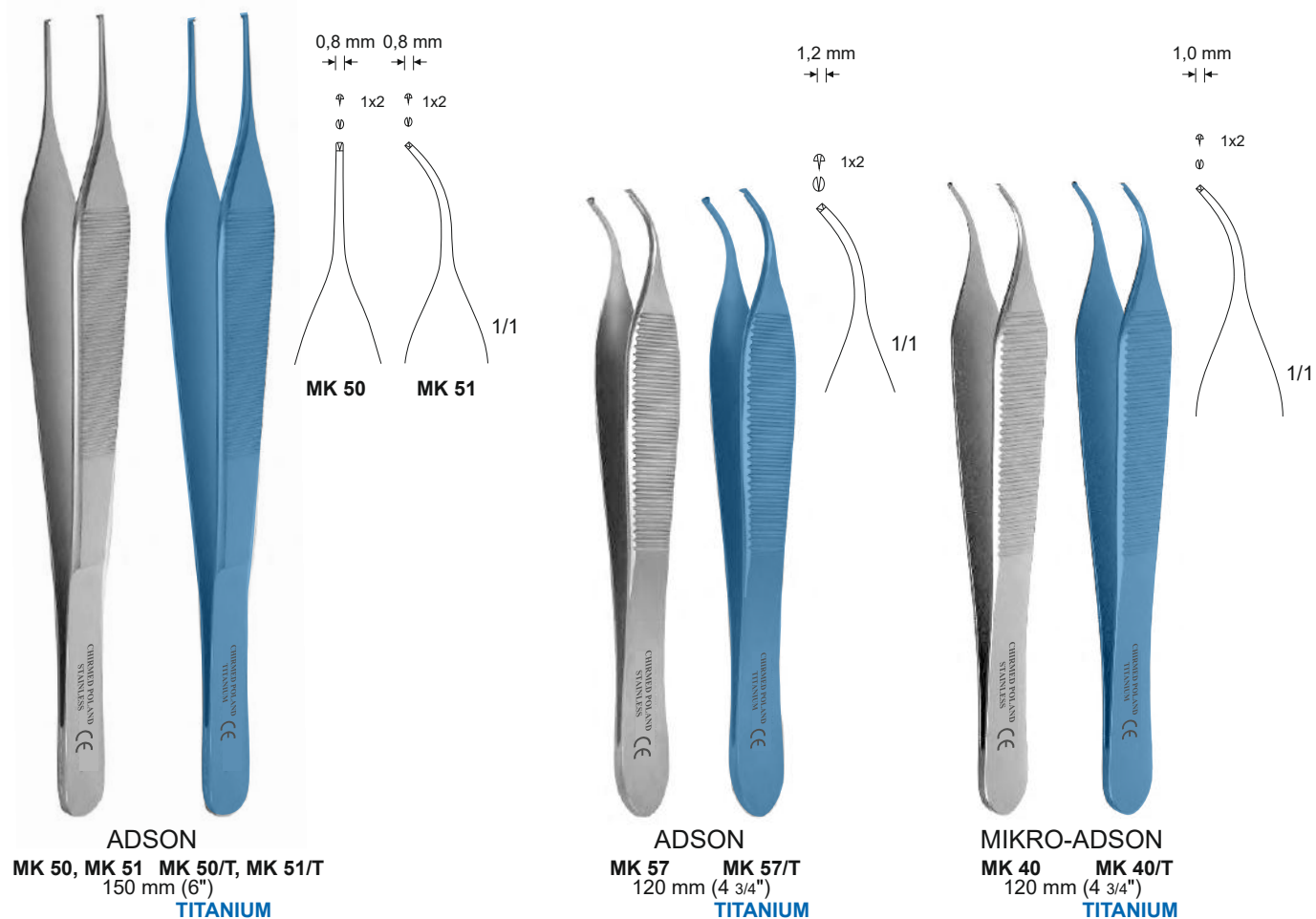
1/1

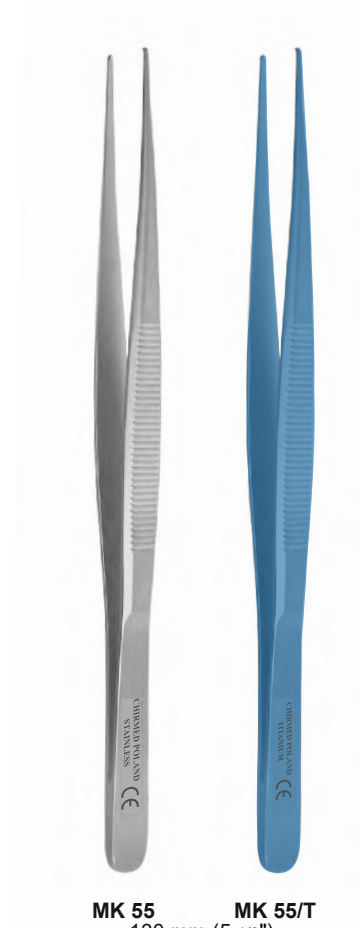


DE BAKEY
CN 15
CN 15/T
TITANIUM

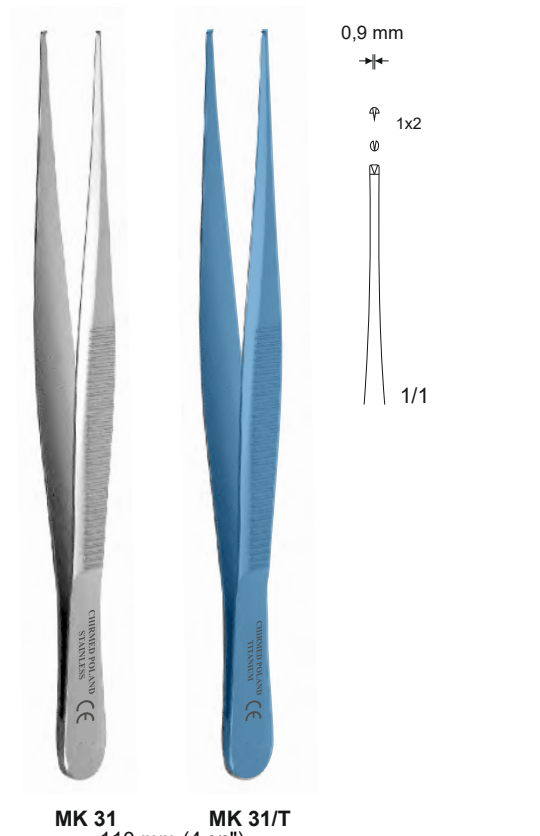
Czubki Tips Spitzen	2,0 mm → ←	2,0 mm → ←	2,0 mm → ←	2,0 mm → ←
Długość Length (in) Länge				
150 mm (6")	CN 14		CN 16	
150 mm (6") TITANIUM	CN 14/T		CN 16/T	
200 mm (8")		CN 15		CN 17
200 mm (8") TITANIUM		CN 15/T		CN 17/T

1/1

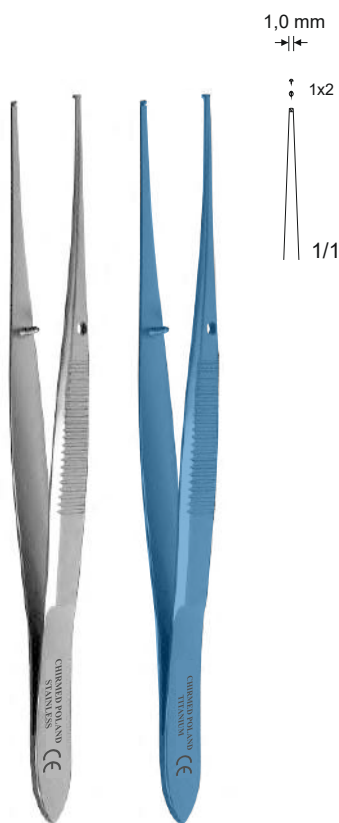




MK 55 **MK 55/T**
130 mm (5 1/8")
TITANIUM



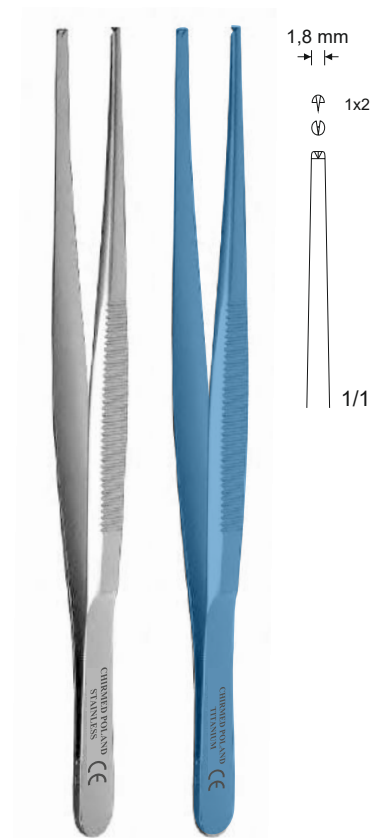
MK 31 **MK 31/T**
110 mm (4 3/8")
TITANIUM



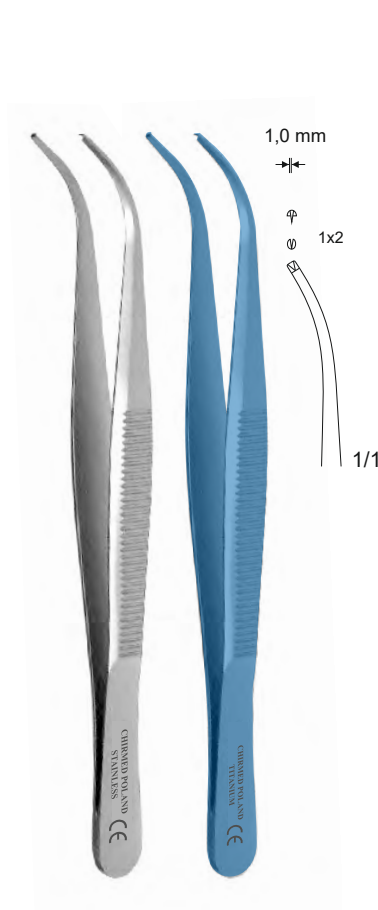
OK 23 **OK 23/T**
100 mm (4")
TITANIUM



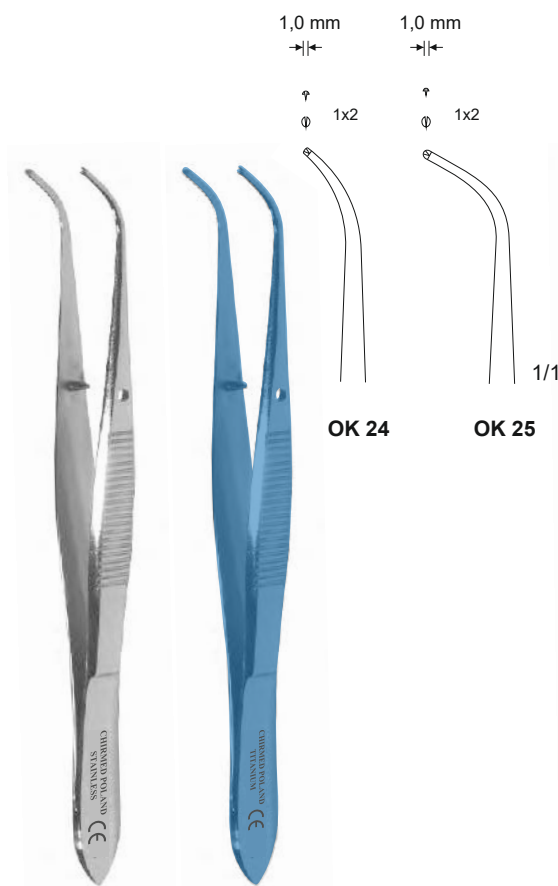
OK 33 **OK 33/T**
100 mm (4")
TITANIUM



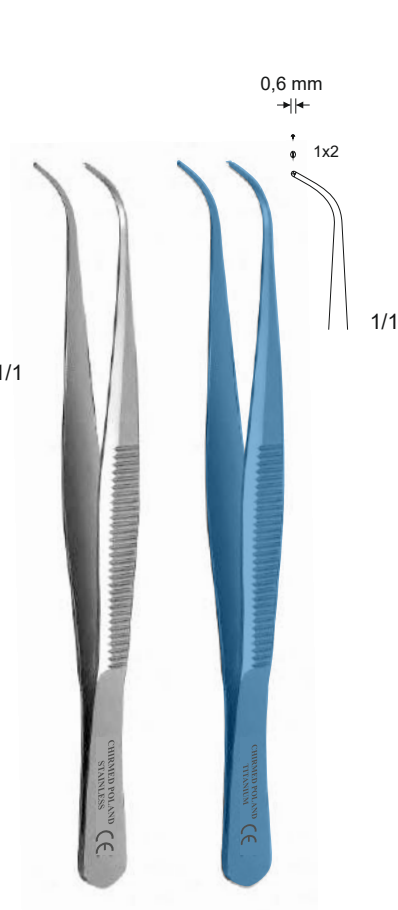
CN 12 **CN 12/T**
130 mm (5 1/8")
TITANIUM



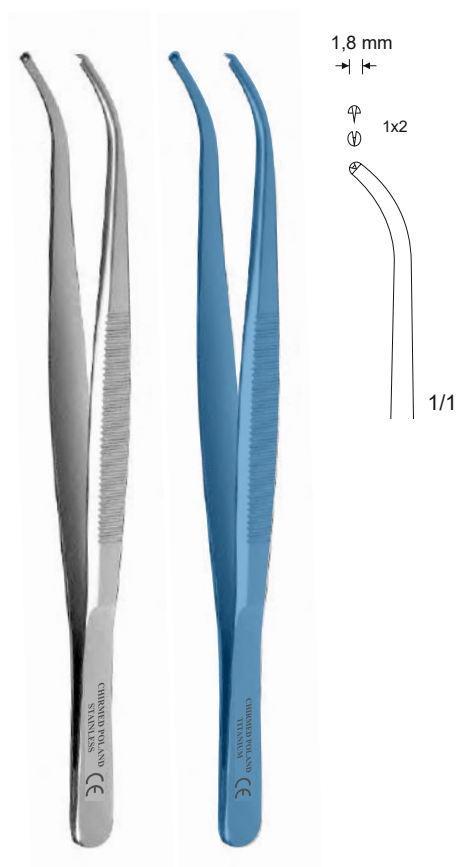
MK 32
110 mm (4 3/8")
TITANIUM



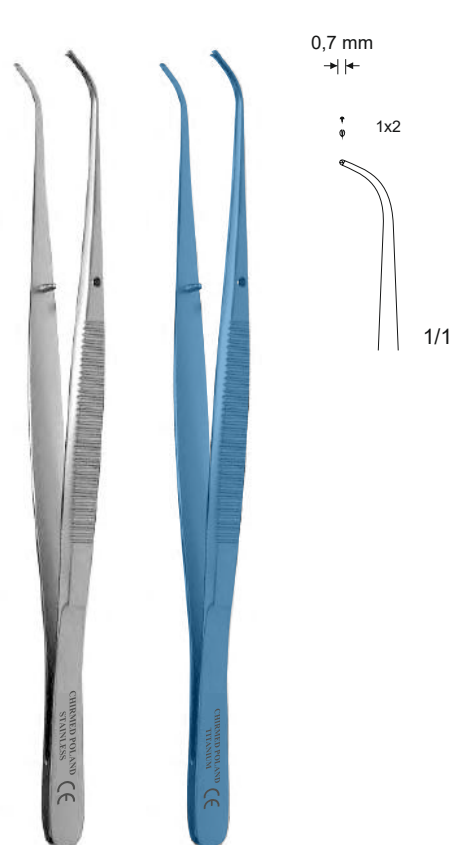
OK 24, OK 25
100 mm (4")
TITANIUM



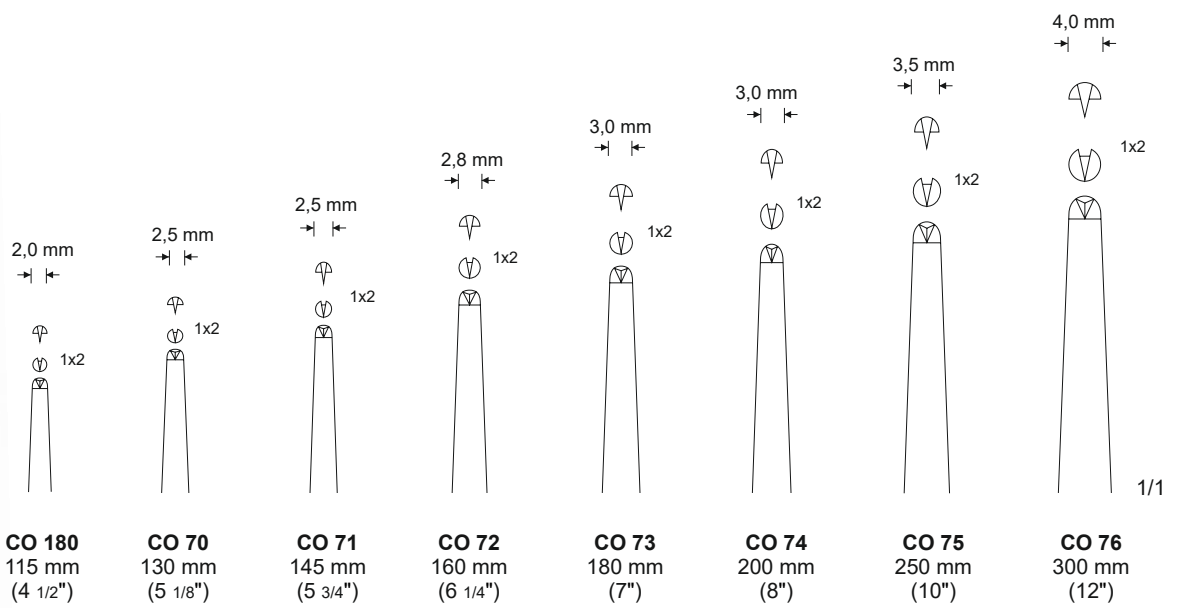
OK 34
100 mm (4")
TITANIUM



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

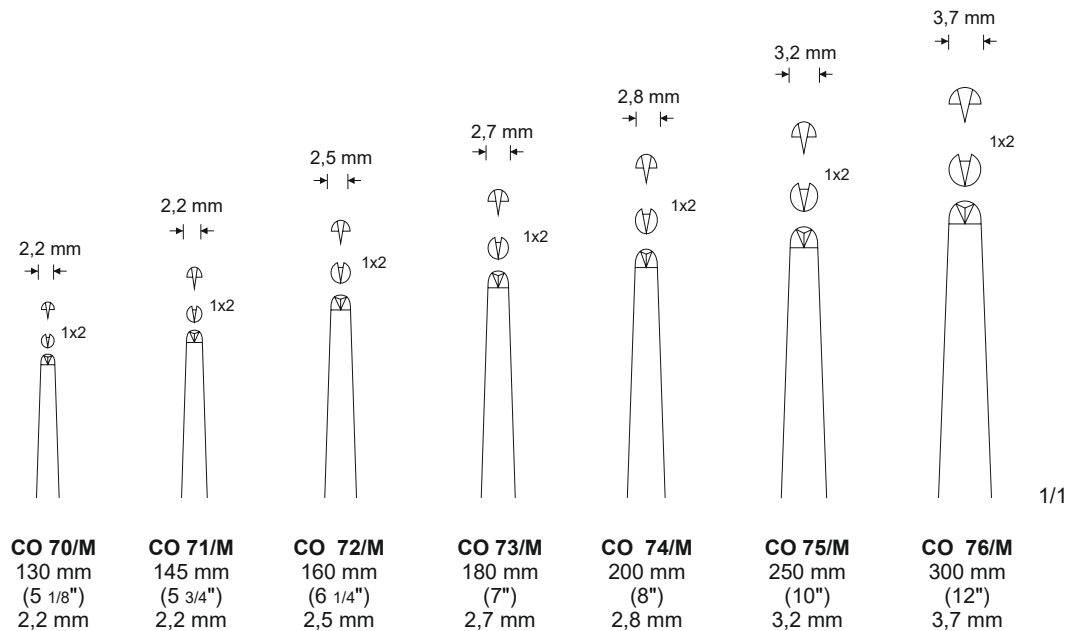


OK 38
130 mm (5 1/8")
TITANIUM



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

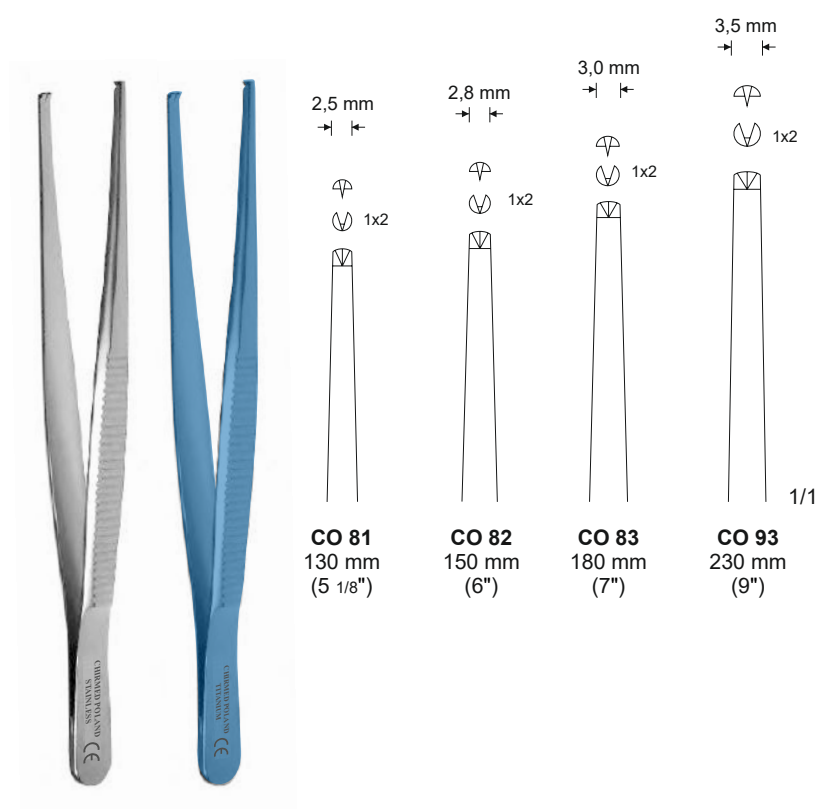
TITANIUM



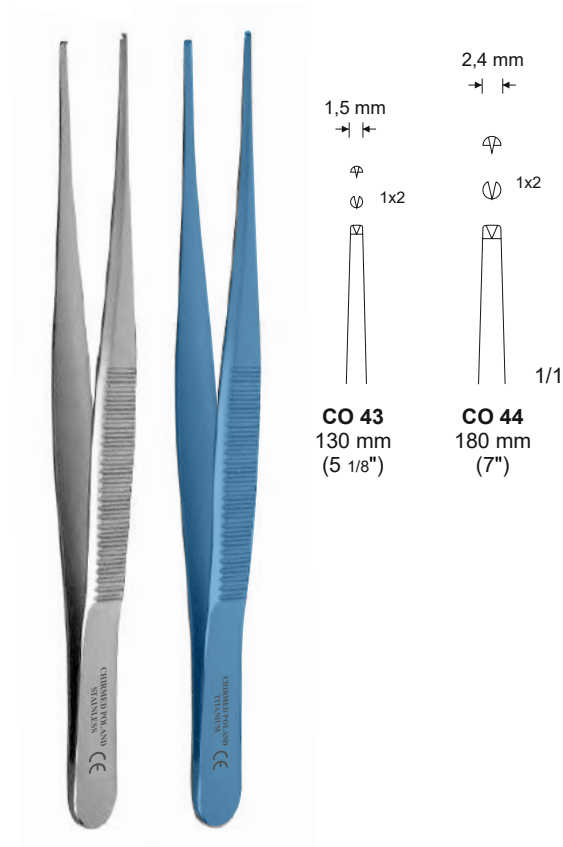
MEDIUM

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

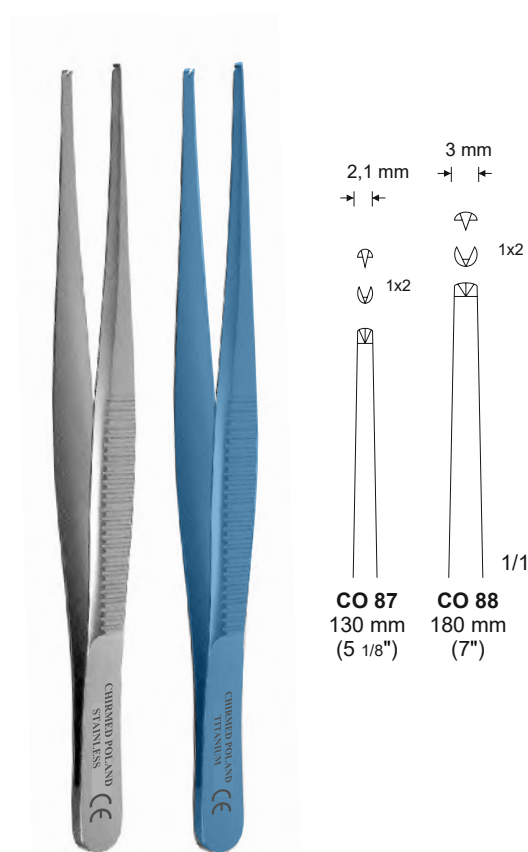
TITANIUM



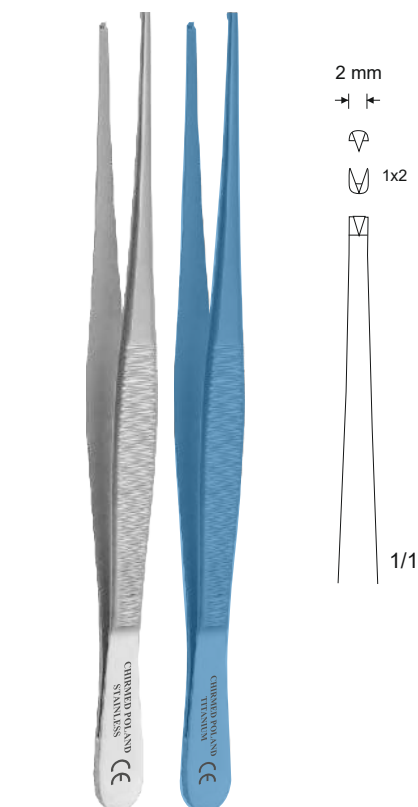
CO 82 150 mm (6")
CO 82/T
TITANIUM



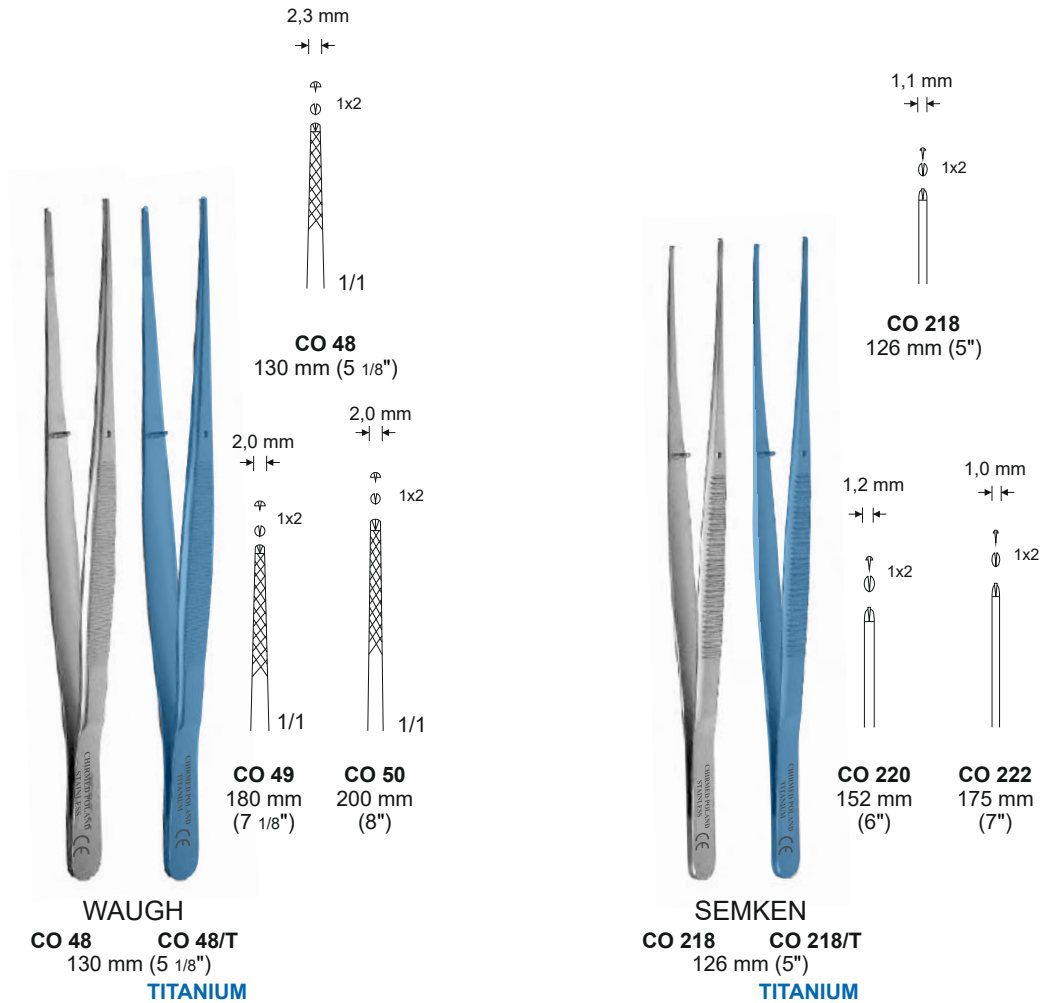
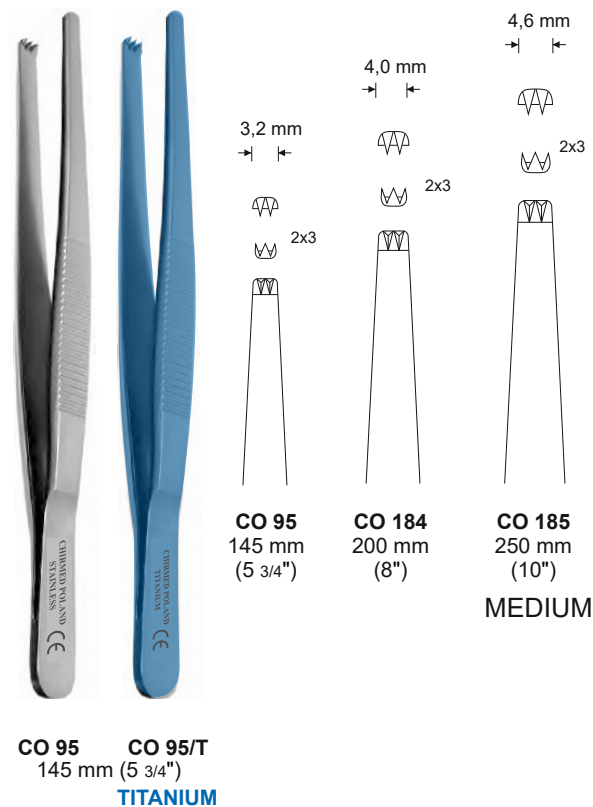
CO 44 180 mm (7")
CO 44/T
TITANIUM



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



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





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



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



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



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)



5x

Podziałka 0,4 mm (T)
Serration 0,4 mm (T)
Teilung 0,4 mm (T)



5x

Podziałka 0,3 mm (T)
Serration 0,3 mm (T)
Teilung 0,3 mm (T)



5x

Podziałka 0,25 mm (T)
Serration 0,25 mm (T)
Teilung 0,25 mm (T)



5x

Gładka
Smooth
Glatt

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

T=0,5 mm
2,5 mm
→ | ←



1x2



1/1

CO 71/TC
145 mm (5 3/4")

T=0,5 mm
3,0 mm
→ | ←



1x2



1/1

CO 74/TC
200 mm (8")

T=0,5 mm
3,5 mm
→ | ←



1x2



1/1

CO 307/TC
155 mm (6")

CO 71/TC
145 mm (5 3/4")

CO 93/TC
230 mm (9")



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")



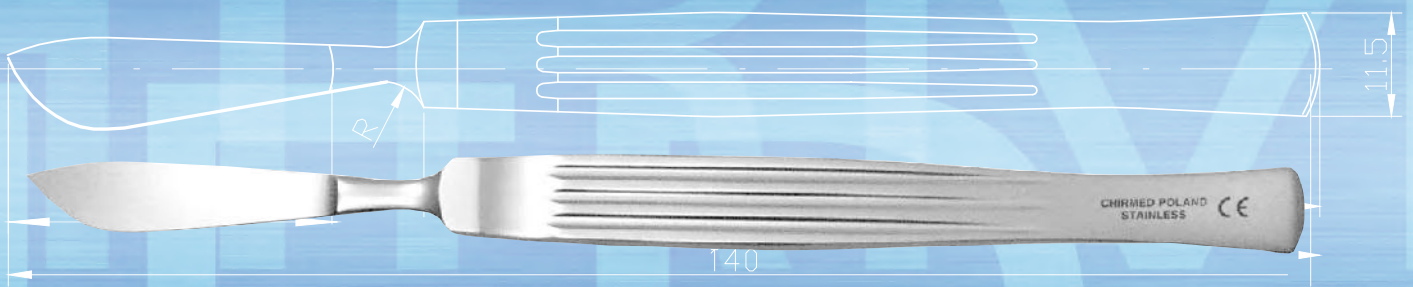
EN 02
120 mm (4 3/4")



EN 03
100 mm (4")

CHIRMED®

Skalpele, noże
Scalpels, Knives
Skalpelle, Messer



from IDEA to SOLUTION



IDENTYFIKACJA:
IDENTIFICATION:
IDENTIFIKATION:

(B) brzuszysty
bulging
bauchig

(S) szpiczasty
pointed
spitz



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)

1/1



CO 114-A
40 mm
148 mm
(B)

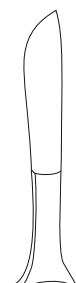


CO 114-B
40 mm
148 mm
(S)

1/1

CO 108 - CO 113

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



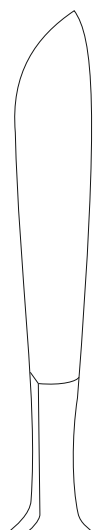
CO 100
20 mm
140 mm
(B)



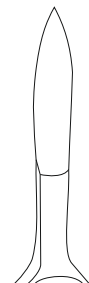
CO 101
30 mm
150 mm
(B)



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)

1/1

CO 100 - CO 107

CO 119

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

CO 120

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

**VIRCHOW
CO 306**

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

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



CO 118
205 mm (8 1/8")



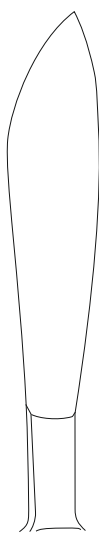
**LISTON
CO 119**
290 mm (11 1/2")



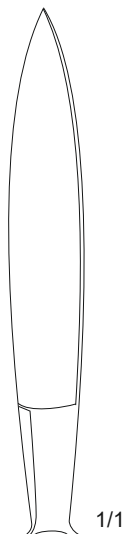
**VIRCHOW
CO 306**
385 mm (15")



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



CO 121
50 mm
(B)



CO 122
50 mm
(S)

1/1



CO 116
205 mm (8 1/8")

1/1

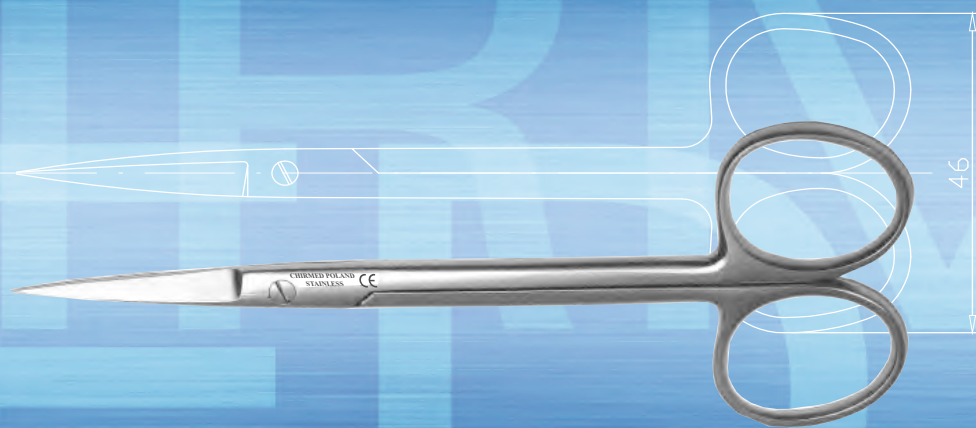


CO 116-A
205 mm (8 1/8")

1/1

CHIRMED®

Nożyczki chirurgiczne
Surgical Scissors
Chirurgische Scheren



from IDEA to SOLUTION



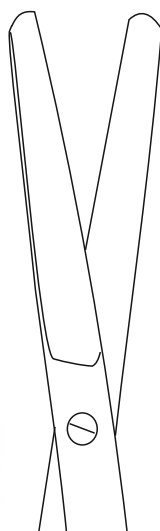
IDENTYFIKACJA: (T/T) tępo/tępe
IDENTIFICATION: blunt/blunt
IDENTIFIKATION: stumpf/stumpf

(T/O) tępo/ostre
blunt/pointed
stumpf/spitz

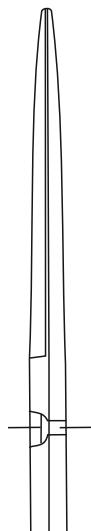
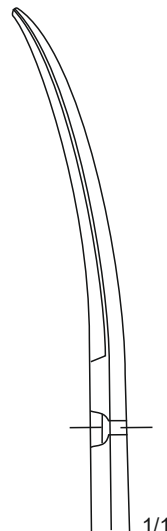
(O/O) ostro/ostre
pointed/pointed
spitz/spitz



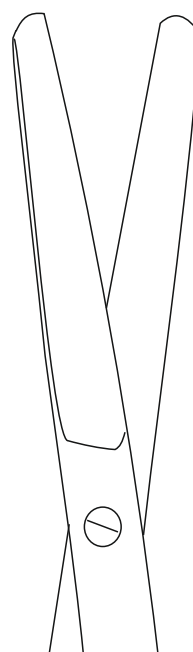
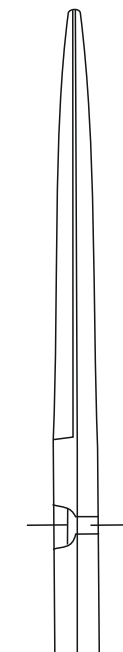
STANDARD



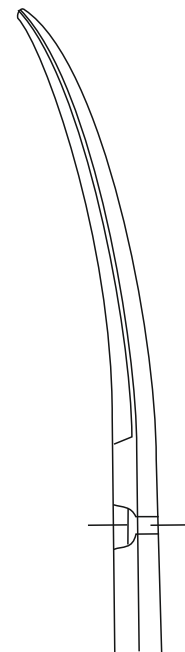
CO 212
130 mm (5 1/8")
(T/T)



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



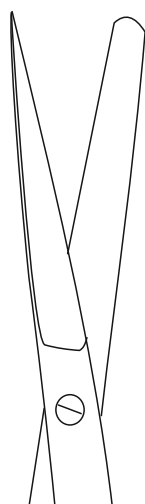
CO 89
165 mm (6 1/2")
(T/T)



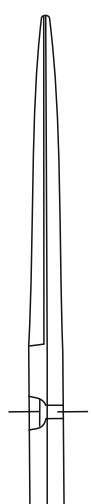
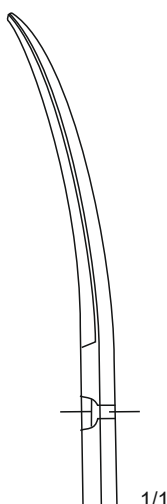
CO 211
165 mm (6 1/2")
(T/T)



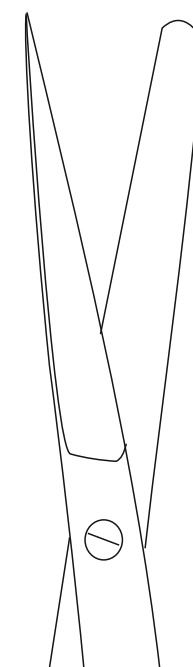
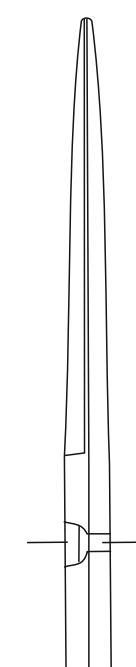
STANDARD



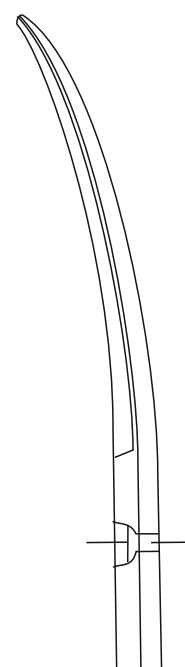
CO 215
130 mm (5 1/8")
(T/O)



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



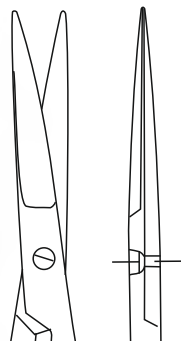
CO 90
165 mm (6 1/2")
(T/O)



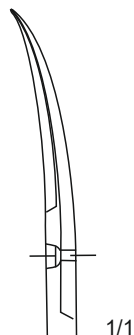
CO 214
165 mm (6 1/2")
(T/O)



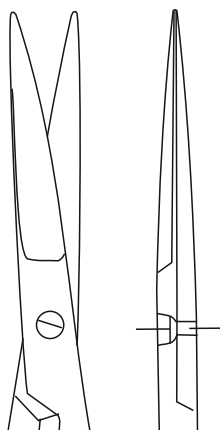
IRIS



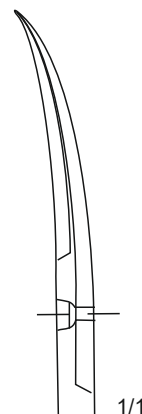
ST 2071
113 mm (4 3/8")
(T/T)



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



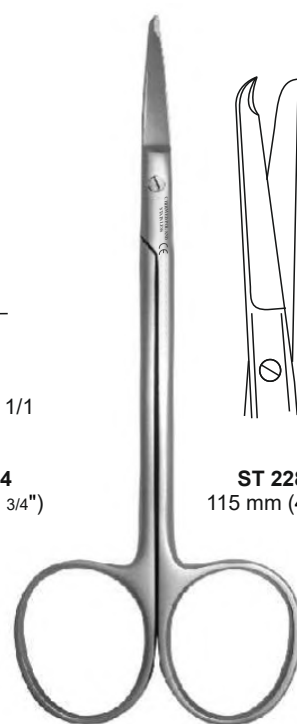
ST 2073
118 mm (4 3/4")
(T/T)



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



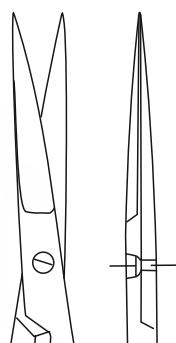
ST 2286
115 mm (4 1/2")



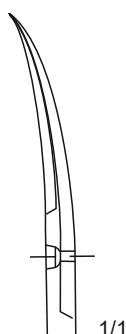
SPENCER



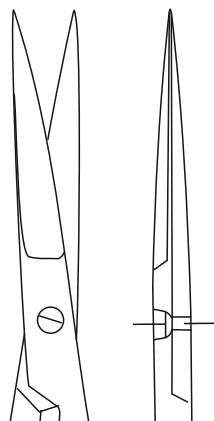
IRIS



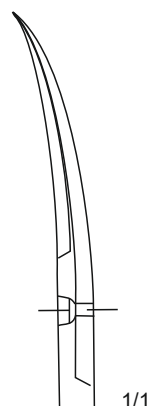
ST 2014
115 mm (4 3/8")
(O/O)



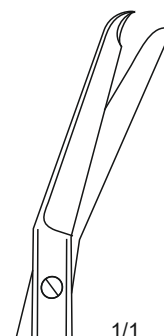
ST 2015
115 mm (4 3/8")
(O/O)



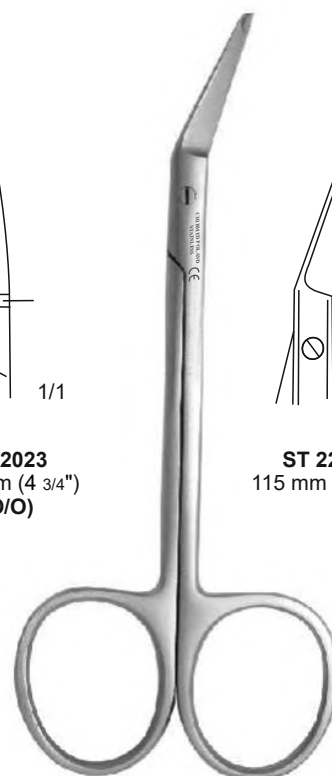
ST 2022
120 mm (4 3/4")
(O/O)



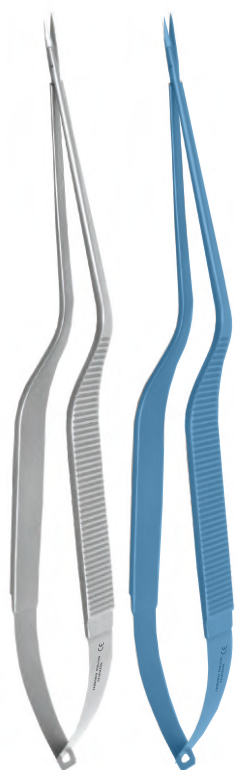
ST 2023
120 mm (4 3/4")
(O/O)



ST 2287
115 mm (4 1/2")



SPENCER



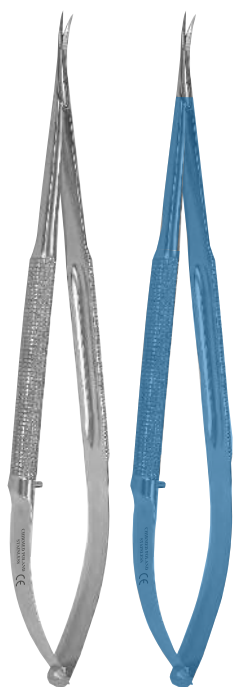
MK 210 **MK 210/T**
TITANIUM

Ostrze Blade Schneide						1/1
Długość całkowita Total Length (in) Gesamtlänge	STANDARD		STANDARD		STANDARD	
235 mm (9 1/4") (O/O)	MK 210	MK 212	MK 211	MK 213	MK 214	
235 mm (9 1/4") (O/O) TITANIUM	MK 210/T	MK 212/T	MK 211/T	MK 213/T	MK 214/T	

Ostrze Blade Schneide		
Długość całkowita Total Length (in) Gesamtlänge		
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			
Długość całkowita Total Length (in) Gesamtlänge			
160 mm (6 1/3")	MK 413	MK 414	
160 mm (6 1/3") TITANIUM	MK 413/T	MK 414/T	
180 mm (7")	MK 316	MK 317	MK 426
180 mm (7") TITANIUM	MK 316/T	MK 317/T	MK 426/T

STREAMLINE joint

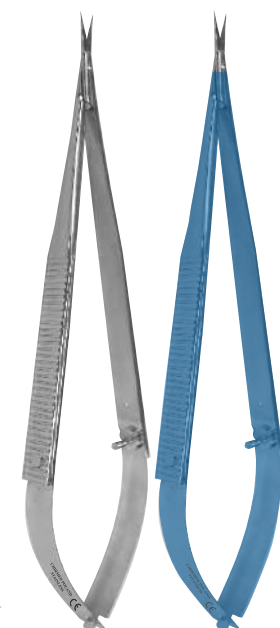
Kluczowe korzyści:

- Smukły, gładki profil łączenia minimalizuje zaczepianie się o szwy i tkanki
- Lepszy dostęp i manewrowanie w wąskich lub głębokich polach chirurgicznych
- Płynne, stabilne działanie dla lepszej kontroli podczas cięcia
- Łatwiejsze czyszczenie dzięki mniejszej liczbie trudno dostępnych miejsc
- Lepsza ergonomia i komfort obsługi

Key benefits:

- Slim, smooth-profile joint minimizes snagging on sutures and tissue
- Improved access and maneuverability in narrow or deep surgical fields
- Smooth, stable action for better control during cutting
- Easier cleaning due to fewer hard-to-reach areas
- Enhanced ergonomics and handling comfort

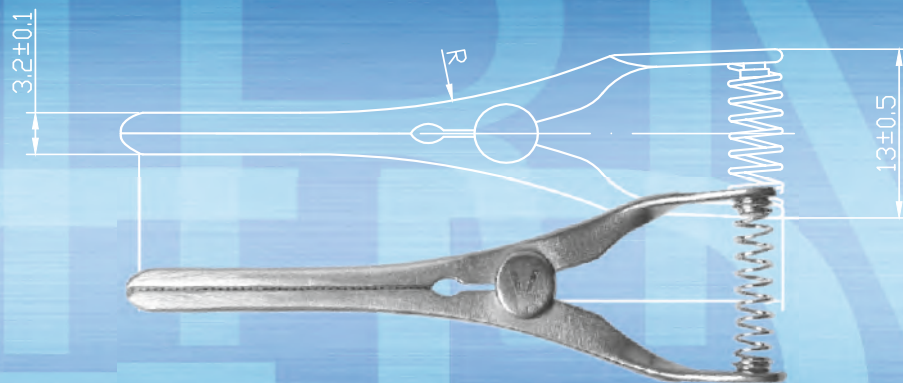
Ostrze Blade Schneide		
Długość całkowita Total Length (in) Gesamtlänge		
150 mm (6")	MK 325	MK 326
150 mm (6") TITANIUM	MK 325/T	MK 326/T



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

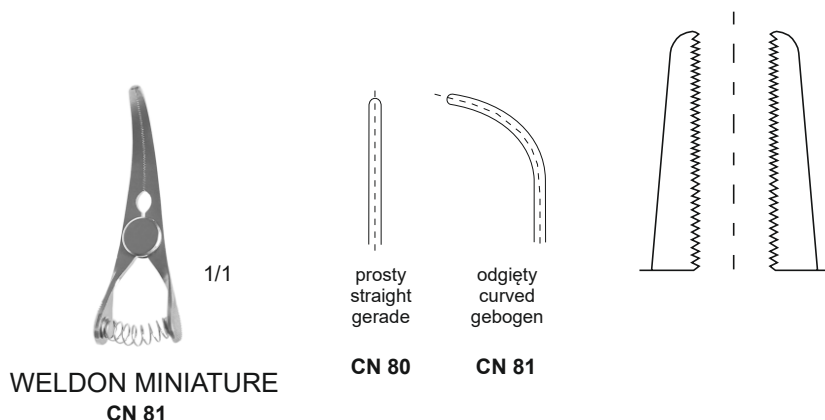
CHIRMED[®]

Zaciski naczyniowe
Bulldog clamps
Bulldogklemmen



from IDEA to SOLUTION



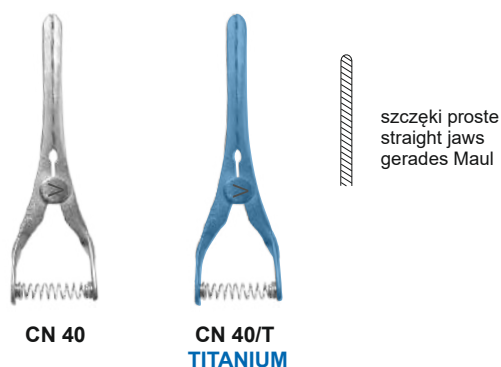


Nr Kat. Cat. Ref. Katalognummer	CN 80	CN 81
Długość całkowita Total length Gesamtlänge	33 mm	31 mm
Długość szczęk Length of jaws Maullänge	13,8 mm	

IDENTYFIKACJA:
IDENTIFICATION:
IDENTIFIKATION:

V(Vena) niska siła zwierania
low pressure
schwacher Druck

A(Arteria) wysoka siła zwierania
high pressure
starker Druck



IDENTYFIKACJA: IDENTIFICATION: IDENTIFIKATION:	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)
Nr Kat. Cat. Ref. Katalognummer	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	30 mm		35 mm		40 mm		50 mm	
Długość szczęk Length of jaws Maullänge	11 mm		15 mm		17 mm		24 mm	
Siła otwarcia Opening pressure Öffnungsdruck	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 odgięte
slightly curved jaws
leicht gebogenes Maul

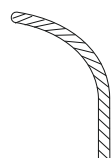
IDENTYFIKACJA: IDENTIFICATION: IDENTIFIKATION:	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)
Nr Kat. Cat. Ref. Katalognummer	CN 48 CN 48/T	CN 49 CN 49/T	CN 50 CN 50/T	CN 51 CN 51/T	CN 52 CN 52/T	CN 53 CN 53/T	CN 54 CN 54/T	CN 55 CN 55/T
Długość całkowita Total length Gesamtlänge	30 mm		35 mm		40 mm		50 mm	
Długość szczęk Length of jaws Maullänge	11 mm		15 mm		17 mm		24 mm	
Sila otwarcia Opening pressure Öffnungsdruck	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 odgięte
curved jaws
stark gebogenes Maul

IDENTYFIKACJA: IDENTIFICATION: IDENTIFIKATION:	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)	V (Vena)	A (Arteria)
Nr Kat. Cat. Ref. Katalognummer	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	30 mm		35 mm		40 mm		45 mm	
Długość szczęk Length of jaws Maullänge	11 mm		15 mm		17 mm		24 mm	
Sila otwarcia Opening pressure Öffnungsdruck	110-150 g	220-280g	110-150 g	220-280g	110-150 g	220-280g	110-150 g	220-280g



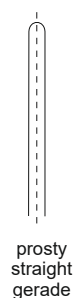
CN 89

GLOVER



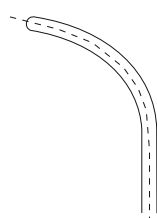
CN 90

1/1



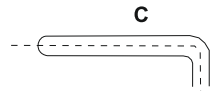
prosty
straight
gerade

A



odgięty
curved
gebogen

B

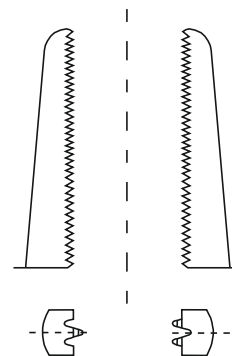


odgięcie 90°
angled 90°
abgewinkelt 90°

C

odgięty 90°
angled 90°
abgewinkelt 90°

C



Nr Kat. Cat. Ref. Katalognummer	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	48 mm	45 mm	69 mm	63 mm	84 mm	76 mm	37 mm
Długość szczęk Length of jaws Maullänge	22 mm		33 mm		48 mm		33 mm



CN 84

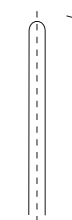


COOLEY
CN 85



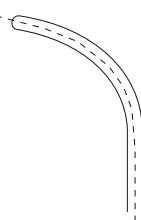
CN 88

1/1



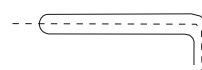
prosty
straight
gerade

A



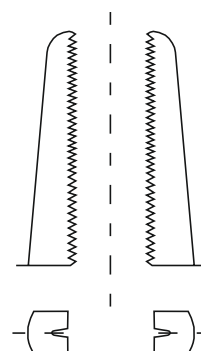
odgięty
curved
gebogen

B



odgięty 90°
angled 90°
abgewinkelt 90°

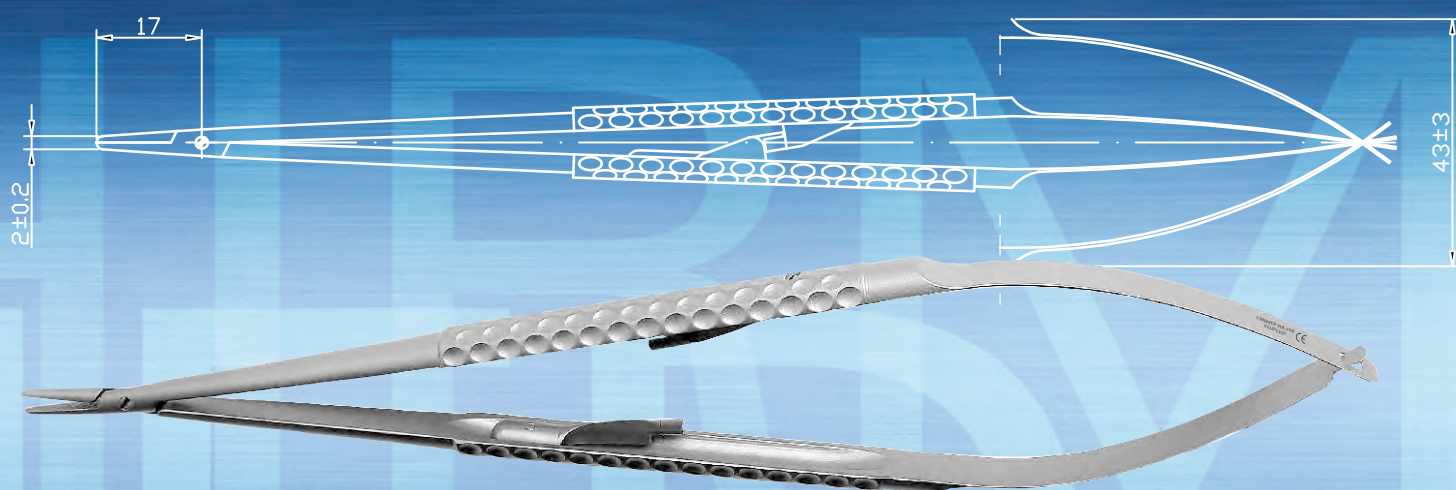
C



Nr Kat. Cat. Ref. Katalognummer	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	48 mm	44 mm	69 mm	64 mm	126 mm	115 mm	37 mm
Długość szczęk Length of jaws Maullänge	22 mm		33 mm		61 mm		33 mm

CHIRMED®

Igłotrzymacze
Needle holders
Nadelhalter



from IDEA to SOLUTION





Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen

SR ZAMEK ZE STALI NIERDZEWNEJ
STAINLESS STEEL RATCHET
SPERRE AUS EDELSTAHL



CASTROVIEJO

MK 87/1

MK 87/1/T

150 mm (6")

TITANIUM

Zalecane rozmiary szwów dla igłotrzymaczy z powłoką TC /Recommended suture sizes for TC coated needle holders

Szerokość czubka Tip width	Długość igłotrzymacza / Length of needle holder							
	100 mm	150 mm	185 mm	200 mm	210 mm	230 mm	254 mm	300 mm
0,2 mm	11-0	11-0 - 10-0	11-0 - 9-0	10-0 - 9-0 (↓)	10-0 - 9-0 (↓)	×	×	×
0,3 mm	11-0 - 10-0	11-0 - 9-0	10-0 - 8-0	9-0 - 8-0	9-0 - 8-0 (↓)	×	×	×
0,4 mm	11-0 - 9-0	10-0 - 8-0	9-0 - 7-0	8-0 - 7-0	9-0 - 7-0	8-0 (↓)	×	×
0,5 mm	10-0 - 8-0	9-0 - 6-0	8-0 - 6-0	7-0 - 6-0	8-0 - 6-0	7-0 - 5-0	7-0 - 5-0 (↓)	×
0,8 mm	9-0 - 7-0	7-0 - 5-0	7-0 - 4-0	6-0 - 4-0	7-0 - 4-0	6-0 - 5-0	6-0 - 4-0	6-0 - 4-0 (↓)
1,0 mm	8-0 - 6-0	6-0 - 4-0	6-0 - 3-0	5-0 - 3-0	6-0 - 3-0	6-0 - 3-0	6-0 - 3-0	5-0 - 2-0
1,2-1,5 mm	7-0 - 5-0	5-0 - 3-0	5-0 - 2-0	4-0 - 2-0	5-0 - 2-0	5-0 - 2-0	5-0 - 2-0	5-0 - 0

zakres optymalny (optimal range)

zakres graniczny (borderline)

niezalecane (not recommended)

Szczęki
Jaws
Maul

1/1

Długość całkowita
Total length
Gesamtlänge

150 mm (6")

150 mm (6")

TITANIUM

	0,8 mm	0,8 mm	0,5 mm	0,5 mm	0,4 mm	0,4 mm	0,2 mm	0,2 mm
150 mm (6")	MK 87/1	MK 88/1	MK 87	MK 88	MK 378	MK 380	MK 377	MK 379
150 mm (6")	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



CASTROVIEJO

MK 85

MK 85/T

MK 85/T/SR

150 mm (6")

TITANIUM

150 mm (6")

TITANIUM

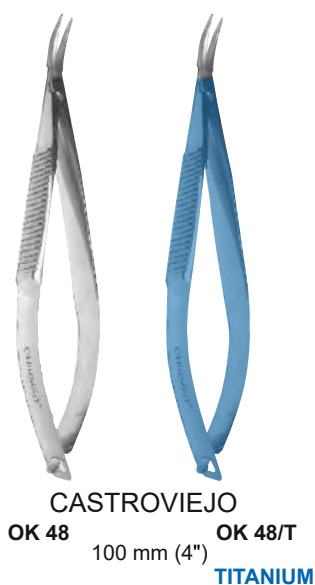
Szczęki Jaws Maul	0,8 mm	0,8 mm	0,5 mm	0,5 mm	0,4 mm	0,4 mm	0,2 mm	0,2 mm
1/1								
Długość całkowita Total length Gesamtlänge								
150 mm (6")	MK 85/1	MK 86/1	MK 85	MK 86	MK 390	MK 391	MK 392	MK 382
150 mm (6")	MK 85/1/T	MK 86/1/T	MK 85/T	MK 86/T	MK 390/T	MK 391/T	MK 392/T	MK 382/T
150 mm (6")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



Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbide-Beschichtungen

Szczęki Jaws Maul	 1,0 mm → ←	 1,0 mm → ←
Długość całkowita Total length Gesamtlänge		
100 mm (4")	OK 52	OK 48
100 mm (4") TITANIUM	OK 52/T	OK 48/T

Szczęki Jaws Maul	 0,5 mm → ←	 0,5 mm → ←
Długość całkowita Total length Gesamtlänge		
150 mm (6")	MK 323	MK 324
150 mm (6") TITANIUM	MK 323/T	MK 324/T





MK 82

MK 82/T
TITANIUM

210 mm (8 1/4")

ZAMEK ZE STALI NIERDZEWNEJ
STAINLESS STEEL RATCHET
SPERRE AUS EDELSTAHL

SR

Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen



Szczęki Jaws Maul	1,0 mm → ←	1,0 mm → ←	0,8 mm → ←	0,8 mm → ←
Długość całkowita Total length Gesamtlänge				
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

1/1

Szczęki Jaws Maul	1,0 mm → ←	1,0 mm → ←	0,8 mm → ←	0,8 mm → ←
Długość całkowita Total length Gesamtlänge				
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
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

MK 77/T
185 mm (7 1/4")
TITANIUM

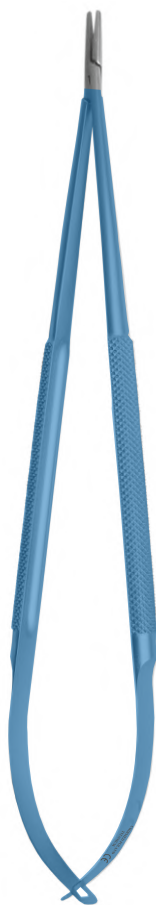
MK 77/T/SR
185 mm (7 1/4")
TITANIUM



Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbide-Beschichtungen



MK 422



MK 422/T

254 mm (10")

STREAMLINE joint/Zamek STREAMLINE

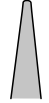


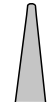
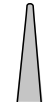
Kluczowe korzyści:

- Smukły, gładki profil łączenia minimalizuje zaczepianie się o szwy i tkanki
- Lepszy dostęp i manewrowanie w wąskich lub głębokich polach chirurgicznych
- Płynne, stabilne działanie dla lepszej kontroli podczas cięcia
- Łatwiejsze czyszczenie dzięki mniejszej liczbie trudno dostępnych miejsc
- Lepsza ergonomia i komfort obsługi

Key benefits:

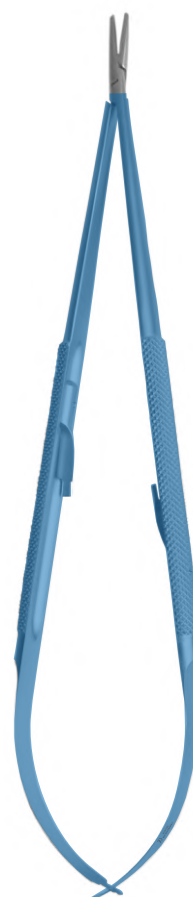
- Slim, smooth-profile joint minimizes snagging on sutures and tissue
- Improved access and maneuverability in narrow or deep surgical fields
- Smooth, stable action for better control during cutting
- Easier cleaning due to fewer hard-to-reach areas
- Enhanced ergonomics and handling comfort

Szczęki Jaws Maul	 1,0 mm → ←	 1,0 mm → ←
Długość całkowita Total length Gesamtlänge		 1/1
150 mm (6")	MK 407	
150 mm (6")	MK 407/T	
254 mm (10")	MK 422	
254 mm (10") TITANIUM	MK 422/T	
254 mm (10")		MK 424
254 mm (10") TITANIUM		MK 424/T

Szczyki Jaws Maul	TITANIUM			
	 1,0 mm → ←	 1,0 mm → ←	 0,8 mm → ←	 0,8 mm → ←
Długość całkowita Total length Gesamtlänge				 1/1
150 mm (6")	MK 406			
150 mm (6") TITANIUM	MK 406/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
254 mm (10")	MK 423			
254 mm (10") TITANIUM	MK 423/T			
254 mm (10")		MK 425		
254 mm (10") TITANIUM		MK 425/T		



MK 423



MK 423/T

254 mm (10")

TITANIUM

SR

ZAMEK ZE STALI NIERDZEWNEJ
STAINLESS STEEL RATCHET
SPERRE AUS EDELSTAHL

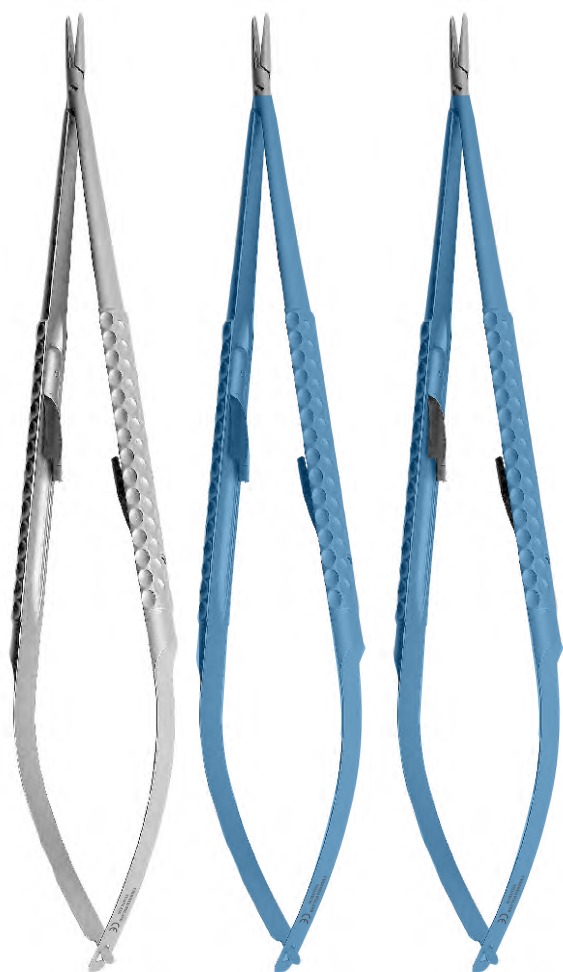
Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen



Szczęki Jaws Maul	1,0 mm → ←	1,0 mm → ←	0,8 mm → ←	0,8 mm → ←
Długość całkowita Total length Gesamtlänge				
150 mm (6")			MK 302	MK 303
150 mm (6") TITANIUM			MK 302/T	MK 303/T
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 241 185 mm (7 1/4")
MK 241/T
TITANIUM



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

Szczęki Jaws Maul	1,0 mm → ←	1,0 mm → ←	0,8 mm → ←	0,8 mm → ←
Długość całkowita Total length Gesamtlänge				
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
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



Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen

STREAMLINE Joint/zamek STREAMLINE

Kluczowe korzyści:

- Smukły, gładki profil łączenia minimalizuje zaczepianie się o szwy i tkanki
- Lepszy dostęp i manewrowanie w wąskich lub głębokich polach chirurgicznych
- Płynne, stabilne działanie dla lepszej kontroli podczas szycia
- Łatwiejsze czyszczenie dzięki mniejszej liczbie trudno dostępnych miejsc
- Lepsza ergonomia i komfort obsługi

Key benefits:

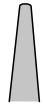
- Slim, smooth-profile joint minimizes snagging on sutures and tissue
- Improved access and maneuverability in narrow or deep surgical fields
- Smooth, stable action for better control during suturing
- Easier cleaning due to fewer hard-to-reach areas
- Enhanced ergonomics and handling comfort



Szczęki
Jaws
Maul

1,5 mm
→ | ←

Długość całkowita
Total length
Gesamtlänge



300 mm (11 4/5")

MK 290

300 mm (11 4/5")
TITANIUM

MK 290/T

300 mm (11 4/5")
TITANIUM

MK 290/T/SR

Szczęki Jaws Maul	1,0 mm → ←	1,0 mm → ←
Długość całkowita Total length Gesamtlänge		
200 mm (8")	MK 328	MK 322
200 mm (8") TITANIUM	MK 328/T	MK 322/T



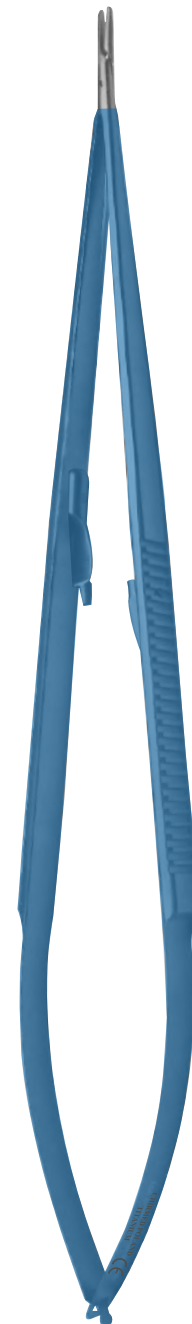
MK 322
200 mm (8")



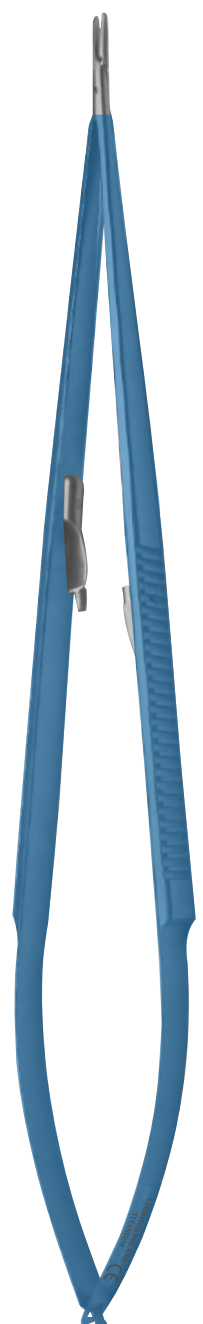
MK 322/T
TITANIUM



MK 290
300 mm (11 4/5")



CASTROVIEJO
MK 290/T
TITANIUM



MK 290/T/SR
300 mm (11 4/5")
TITANIUM

1,2 mm
→ | ←

smooth
gładka
glatt

A 1/1

Zalecane rozmiary szwów dla igłotrzymaczy z twardą wkładką
/Recommended suture sizes for needle holders with TC insert

Typ / Type	Długość Length mm	Czubek Tip mm	Podziałka T Jaw pitch mm	Zalecany rozmiar szwu Recommended suture USP	Optymalny zakres Optimal range USP
Mikrochirurgiczny TC Microsurgical TC	185	1,0	0,4	8-0 – 5-0	7-0 – 6-0
Mikrochirurgiczny TC Microsurgical TC	230	1,2	Gładka/smooth	8-0 – 4-0	6-0 – 5-0
Mayo-Hegar TC	150	1,5	0,5	6-0 – 3-0	5-0 – 3-0
Mayo-Hegar TC	160	2,0	0,5	5-0 – 2-0	4-0 – 2-0



MK 371/TC
230 mm (9")



MK 77/TC
185 mm (7 1/4")

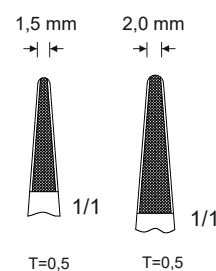


MK 78/TC
185 mm (7 1/4")



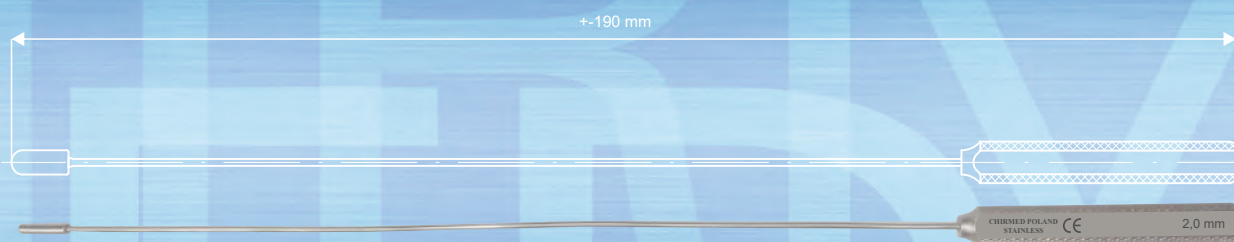
MAYO-HEGAR
CO 530
150 mm (6")

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



CHIRMED®

Sondy naczyniowe, sondy proktologiczne
Vessel dilators, proctology probes
Gefäßdilatoren, proktologische Sonden



from IDEA to SOLUTION





1/1

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

0,7 mm
→ |←



KD 39

1,0 mm
→ |←



KD 40

1,5 mm
→ |←



KD 41

2,0 mm
→ |←



KD 42

2,5 mm
→ |←



KD 43

3,0 mm
→ |←



KD 44

3,5 mm
→ |←



KD 45

4,0 mm
→ |←



KD 46

4,5 mm
→ |←



KD 47

5,0 mm
→ |←



KD 48

1/1

Sonda proktologiczna,
dwustronna
Rectal probe, double sided



1/1

CO 590 - CO 592
200 mm (8")

1,4 mm
→ |←



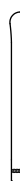
CO 590

2,4 mm
→ |←



CO 591

2,7 mm
→ |←

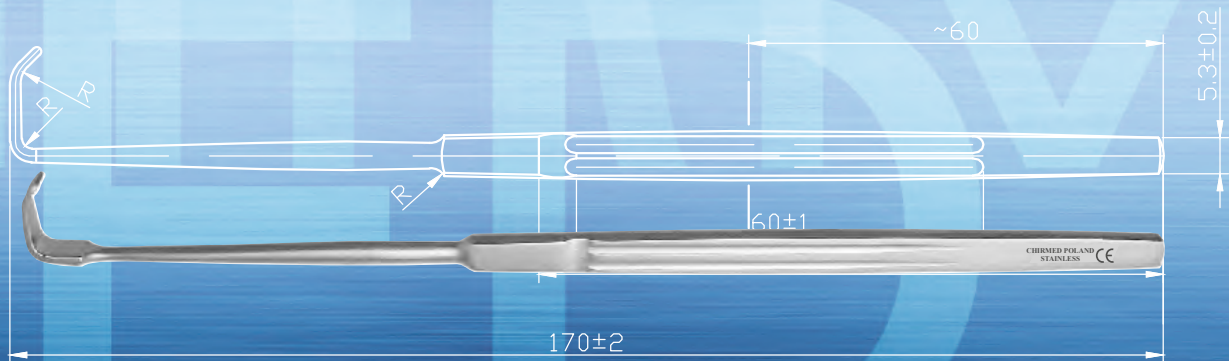


CO 592

1/1

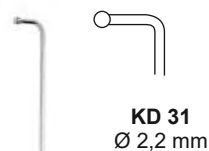
CHIRMED®

Haki
Retractors
Wundhaken



from IDEA to SOLUTION





1/2

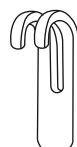
KD 31
220 mm (8 3/4")



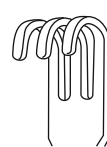
CO 242
1,5 x 11,0 mm



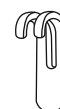
CO 244
6,0 x 11,0 mm



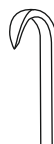
CO 246
7,6 x 11,0 mm



CO 244/1
4,0 x 5,0 mm



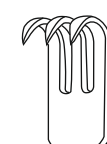
CO 243
1,5 x 11,0 mm



CO 245
6,0 x 11,0 mm



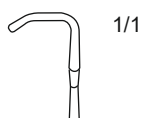
CO 247
7,6 x 11,0 mm



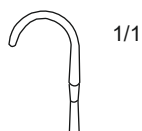
CO 245/1
4,0 x 5,0 mm



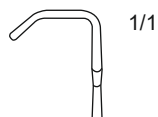
CO 239
170 mm (6 3/4")



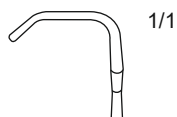
CO 237
3,0 x 10,0 mm



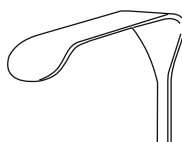
CO 237/M
3,0 x 10,0 mm



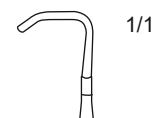
CO 238
4,0 x 13,0 mm



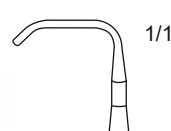
CO 239
5,0 x 15,0 mm



CO 240
150 mm (6")



CO 240
5,0 x 10,0 mm

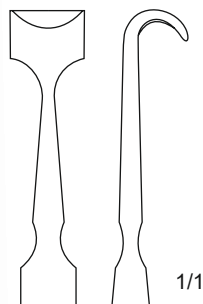


CO 241
8,0 x 16,0 mm



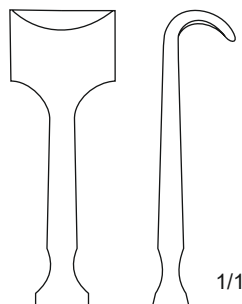


10 mm



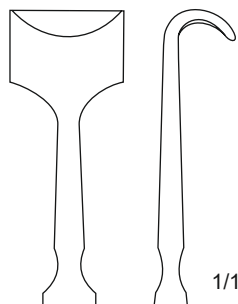
OK 10

14 mm



OK 11

15 mm



OK 12



14 mm



12 mm

OK 13

18 mm



16 mm

OK 14

1/1

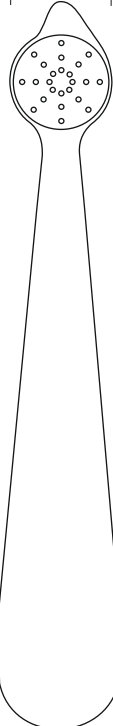
DESMARES
OK 10 - OK 12
140 mm (5 1/2")

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



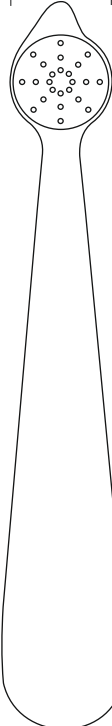
OK 50
190 mm (7 1/2")

27 mm



OK 50

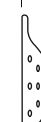
27 mm

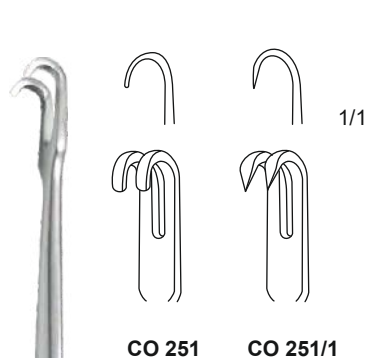
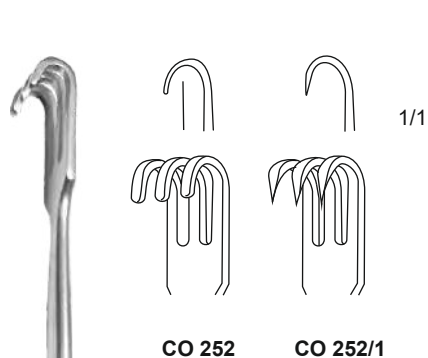
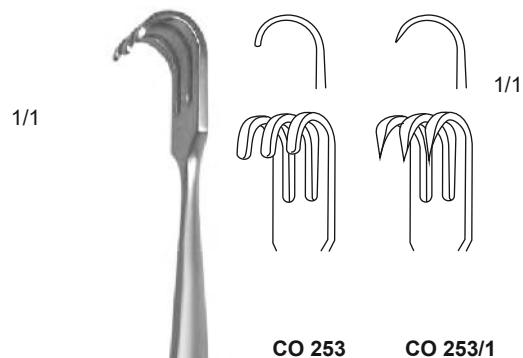
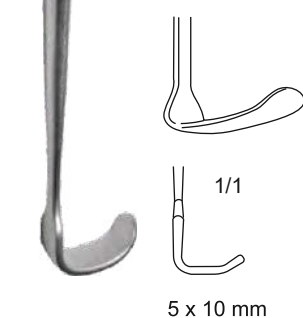


OK 51

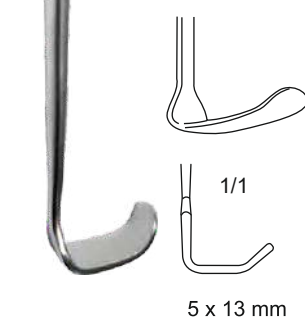
8 mm

1/2

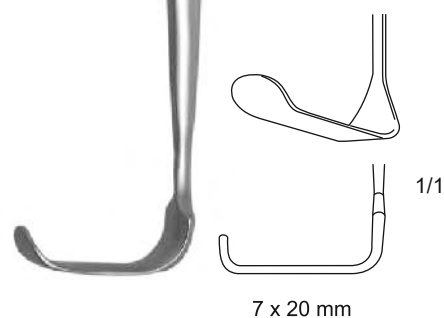




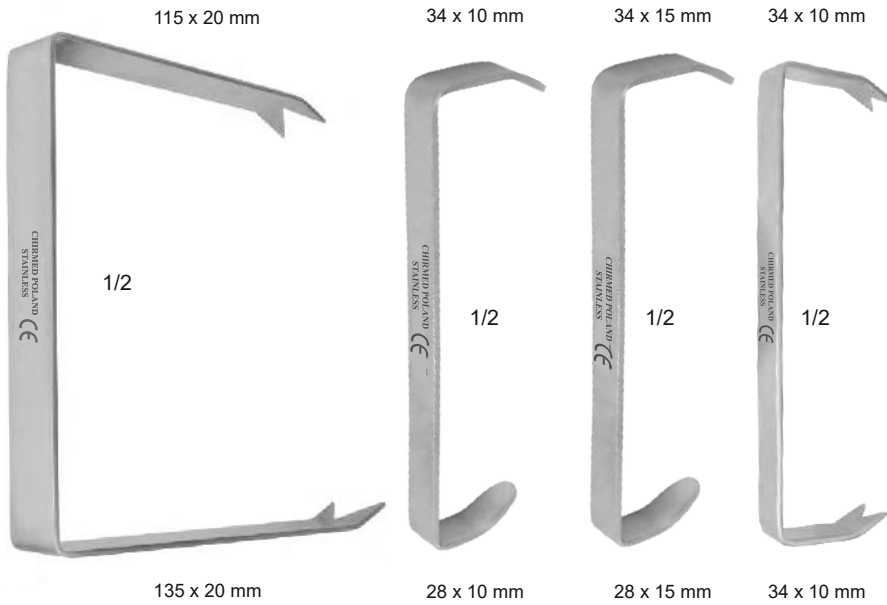
LANGENBECK
CO 251
170 mm (6 3/4")



LANGENBECK
CO 252
170 mm (6 3/4")



LANGENBECK
CO 253
175 mm (7")



FARABEUF

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

ST 112
120 mm (4 3/4")

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

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

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

1 = 23 x 16 mm
2 = 28 x 16 mm

1 = 25 x 10 mm
2 = 32 x 12 mm

1 = 20 x 16 mm
2 = 24 x 16 mm

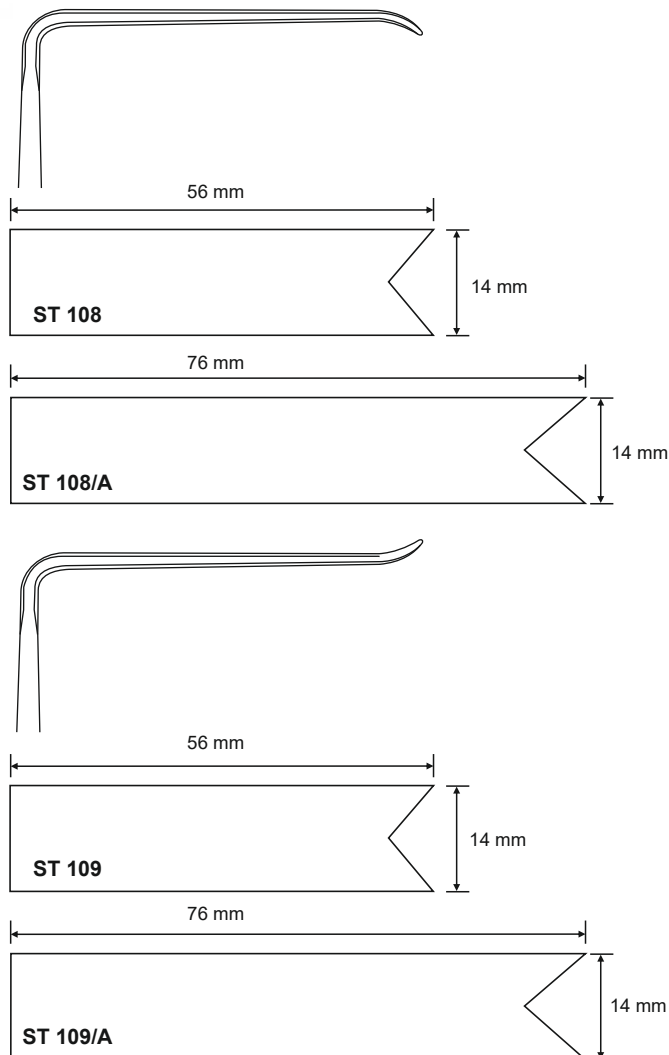
FARABEUF

ST 248
150 mm (6")

ST 249
125 mm (5")

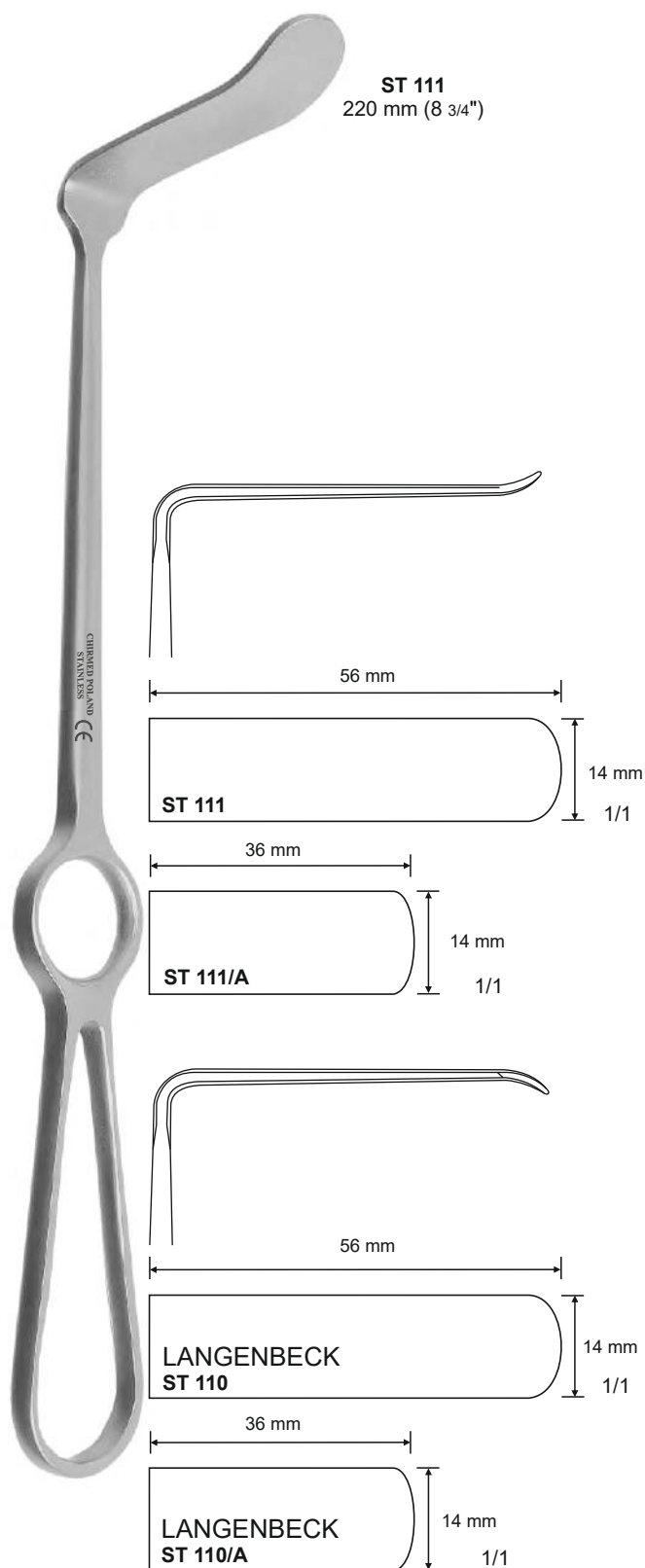
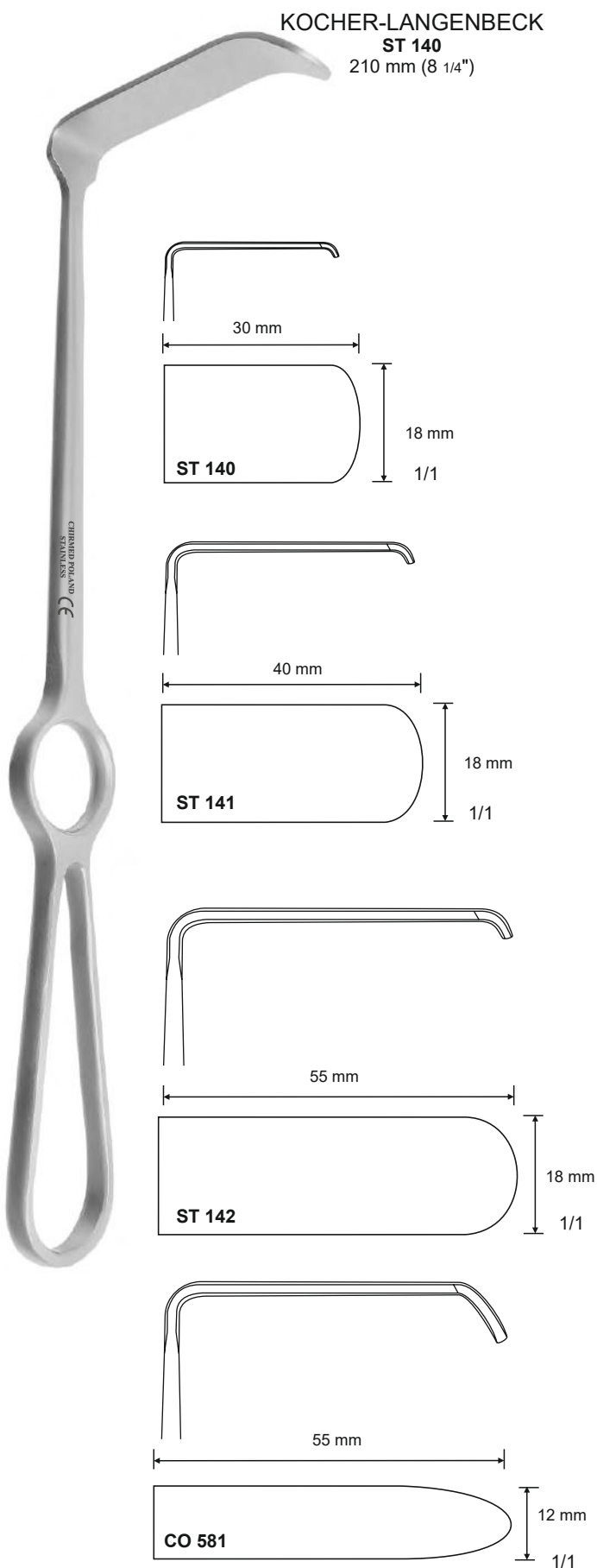


ST 108
220 mm (8 3/4")

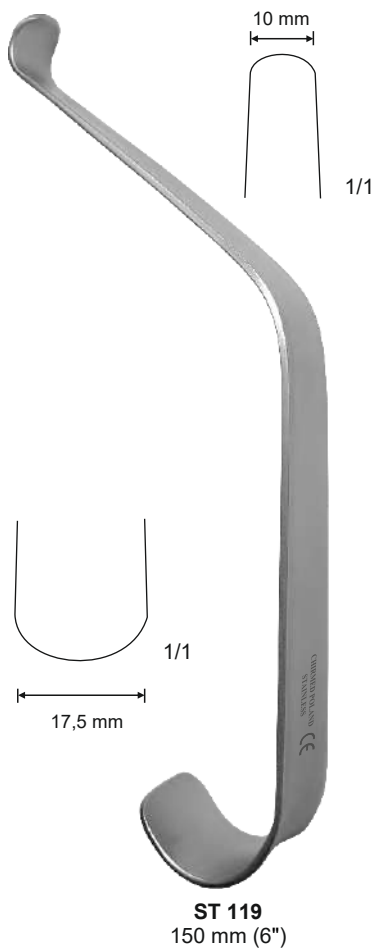
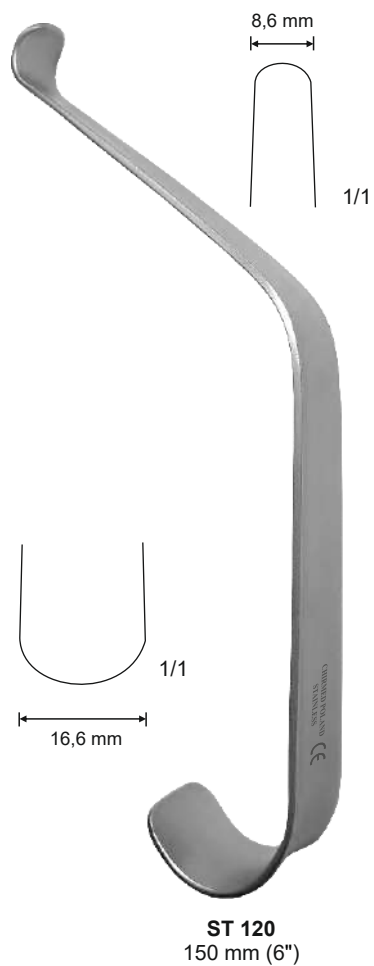
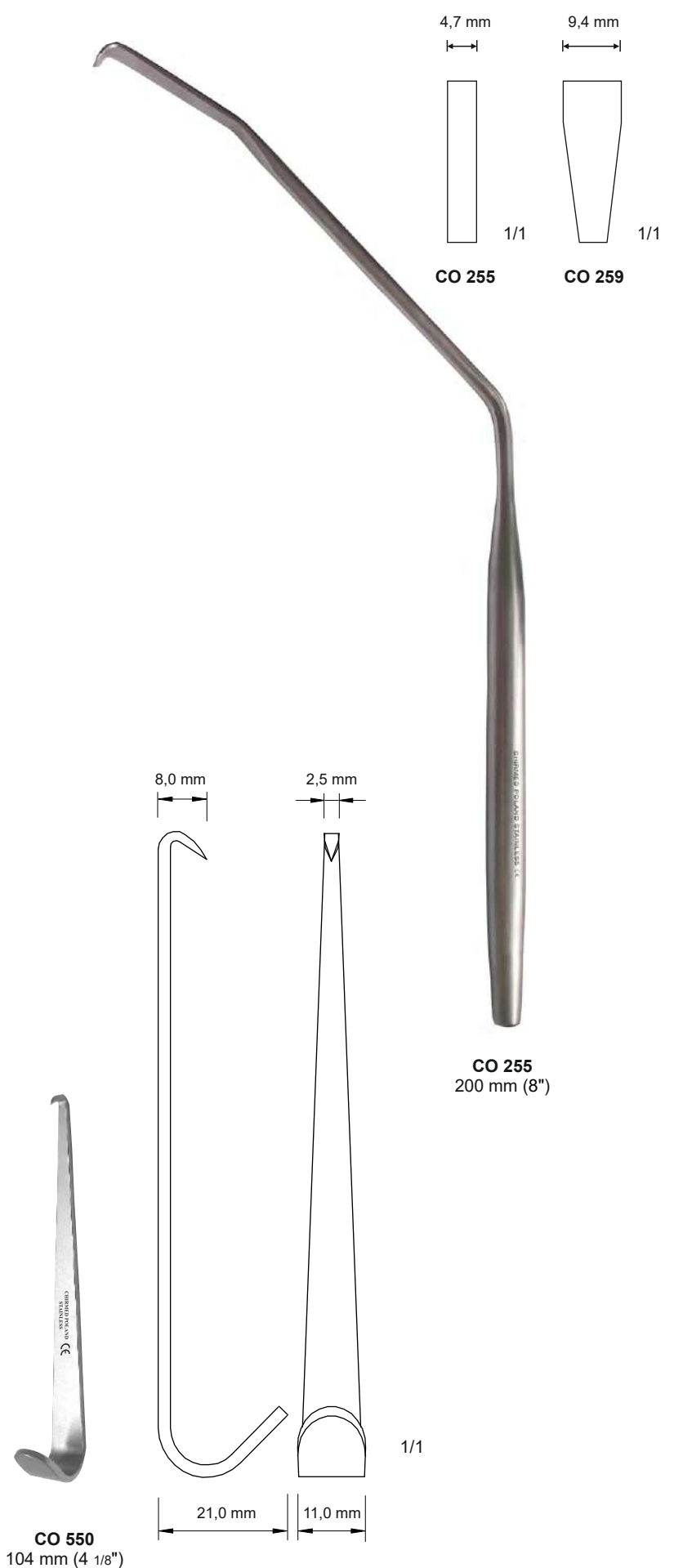


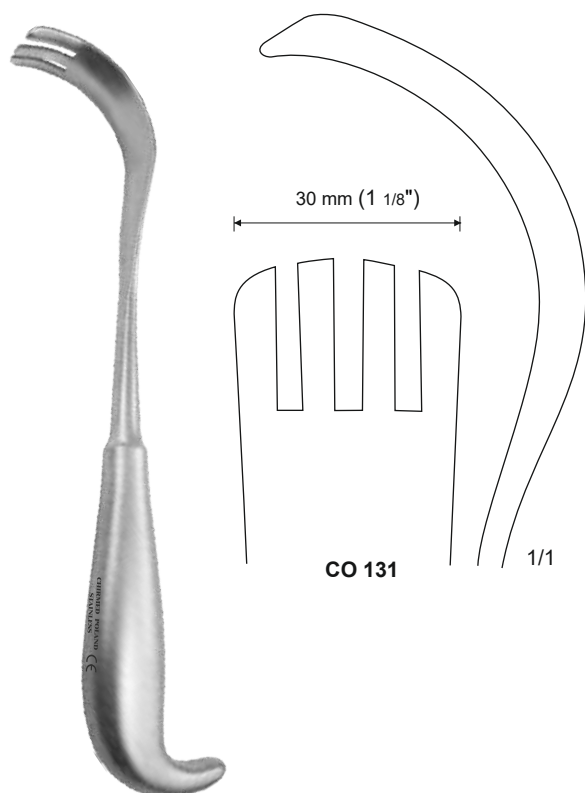
CO 207
100 mm (4")

CO 208
120 mm (4 3/4")

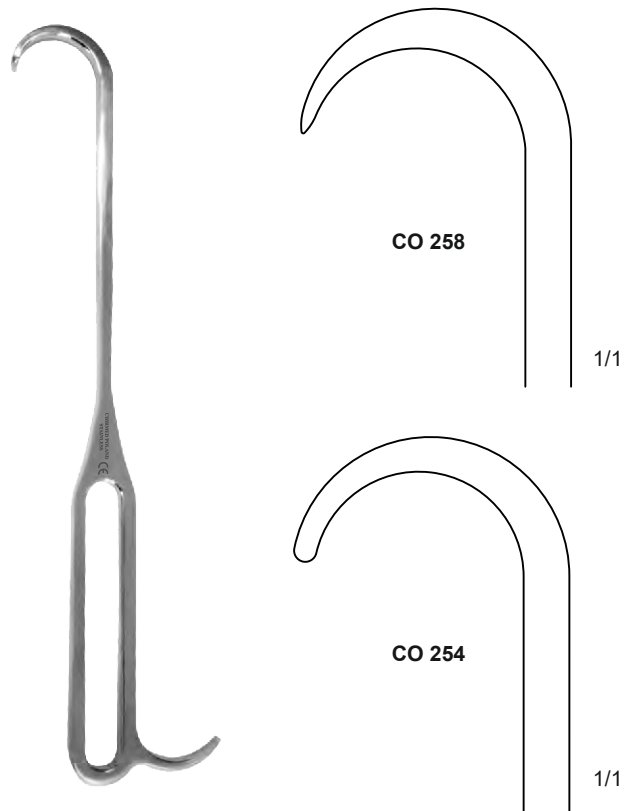


OBWEGESER

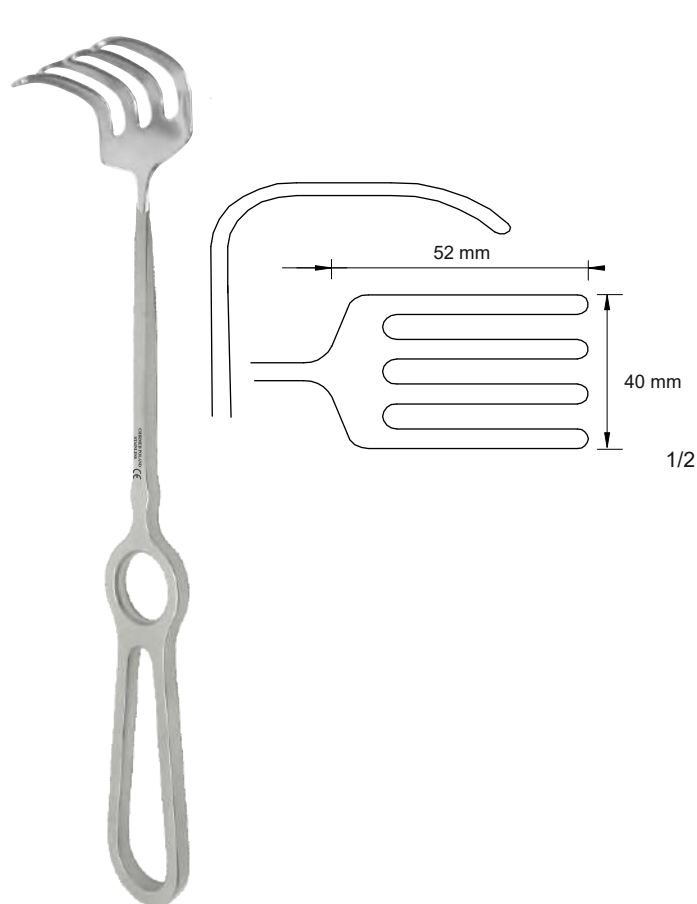




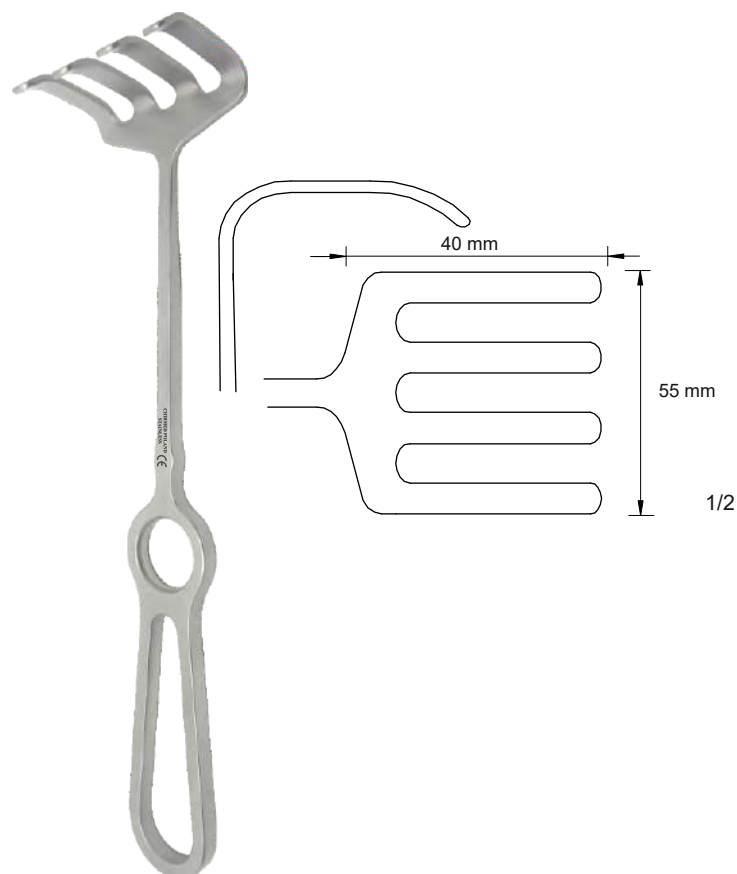
SEMBO
CO 131
280 mm (11 1/4")



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



CO 551
230 mm (9 1/8")



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

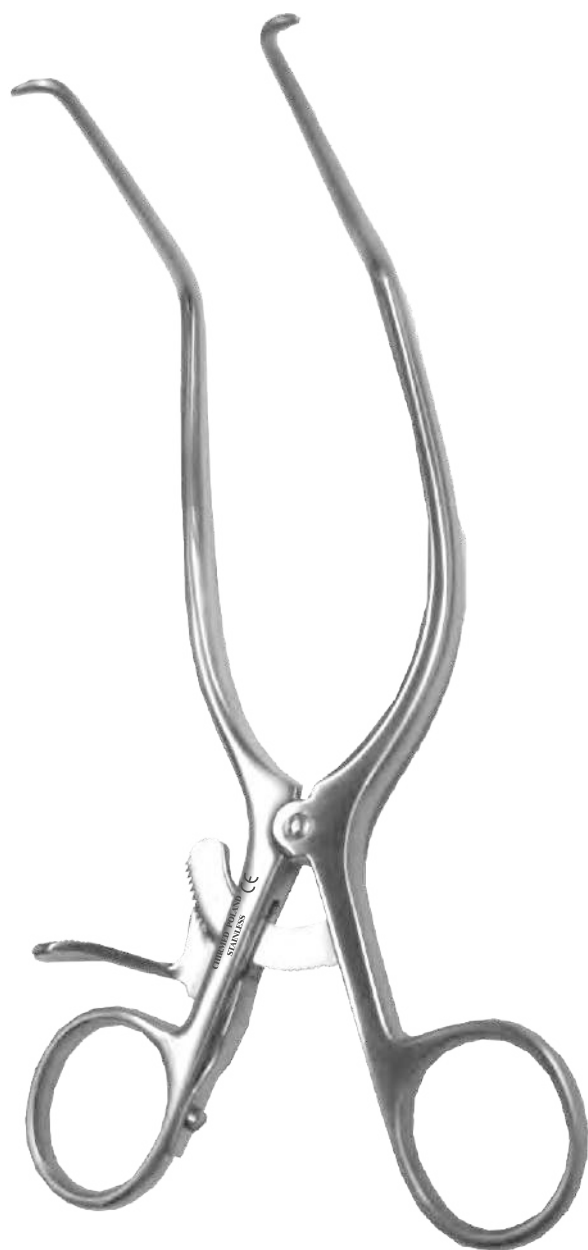
CHIRMED®

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

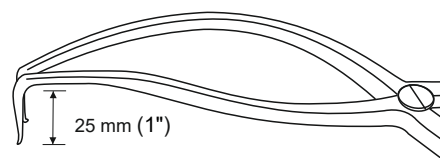


from IDEA to SOLUTION

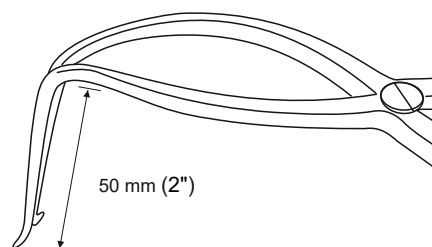




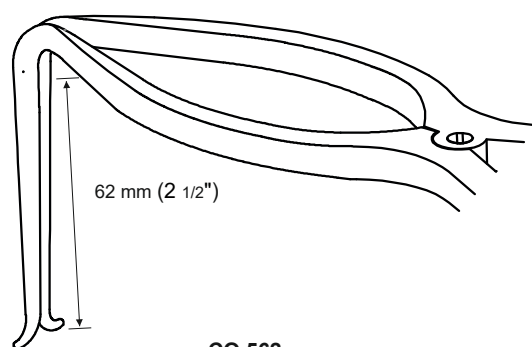
GELPI



CO 127
170 mm (6 3/4")



CO 128
150 mm (6")

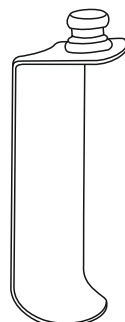


CO 562
150 mm (6")



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

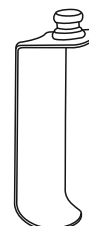
BRANSZE TEPE
/BLUNT BLADES
/STUMPFE BLÄTTER



dlugość
length (in)
länge

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

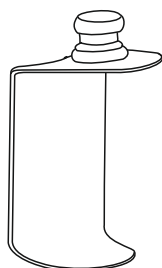
BRANSZE TEPE
/BLUNT BLADES
/STUMPFE BLÄTTER



dlugość
length (in)
länge

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

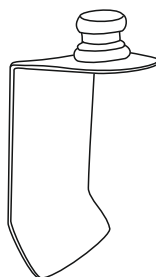
BRANSZE TEPE
/BLUNT BLADES
/STUMPFE BLÄTTER



dlugość
length (in)
länge

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



dlugość
length (in)
länge

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	BRANSZE BOCZNE /LATERAL BLADES /SEITENBLÄTTER	BRANSZE TEPE /BLUNT BLADES /STUMPFE BLÄTTER	BRANSZE TEPE V /V-BLUNT BLADES /STUMPFE V BLÄTTER
<div> <div></div> <div> długość length (in) länge </div> </div>				
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

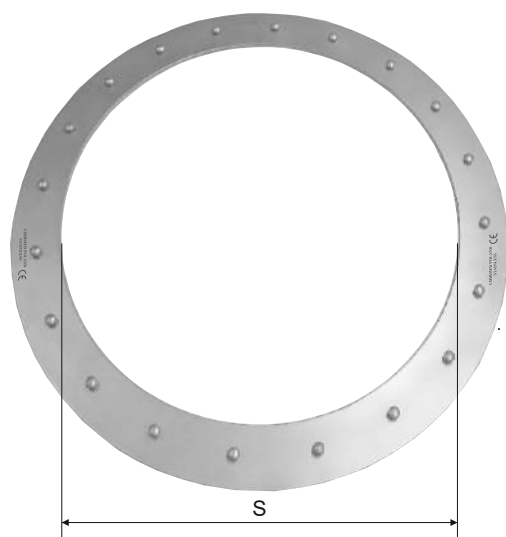


CASPAR
CO 140 CO140/T
TITANIUM
S=120 mm
CO 141 CO141/T
TITANIUM
S= 200 mm



Zestaw podstawowy zawiera:
The basic set includes:
Das Basisset beinhaltet:

1 x CO 303,
4 x CO 304,
4 x CO 305.

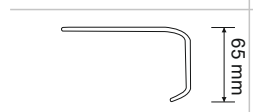


CO 303/1 S = 290 mm (11 1/2")
CO 303 S = 310 mm (12 1/4")
CO 303/2 S = 400 mm (15 3/4")
CO 303/3 S = 280 mm (11 1/4")
CO 303/4 S = 300 mm (12 1/8")
CO 303/5 S = 390 mm (15 1/2")



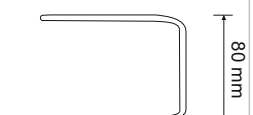
model A

długość
length (in)
länge

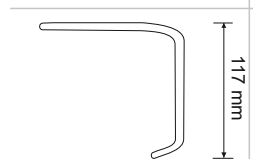


model A

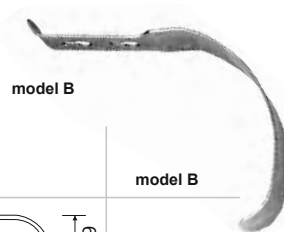
CO 304
45x65 mm
CO 304/1
65x65 mm



CO 304/2
65x80 mm

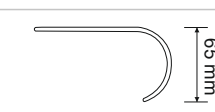


CO 304/3
45x117 mm



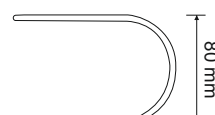
model B

długość
length (in)
länge



model B

CO 305/1
45x65 mm



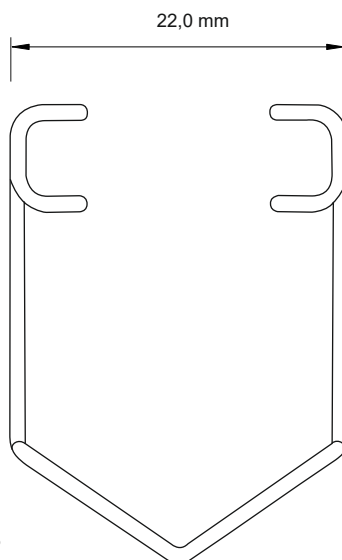
CO 305/2
45x80 mm



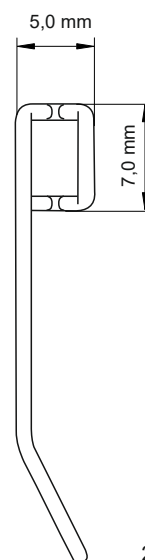
CO 305
45x117 mm



OK 53



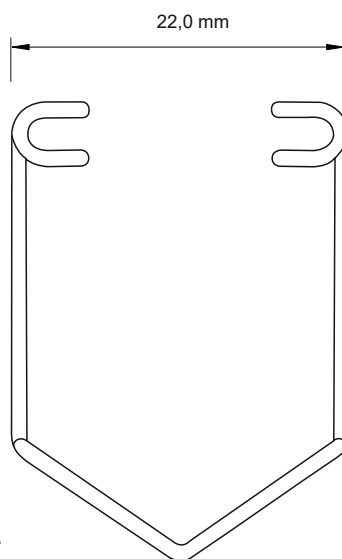
OK 53



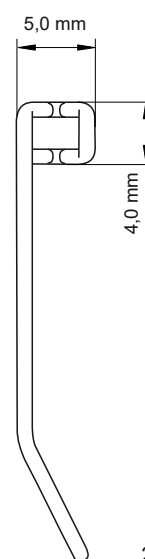
2/1



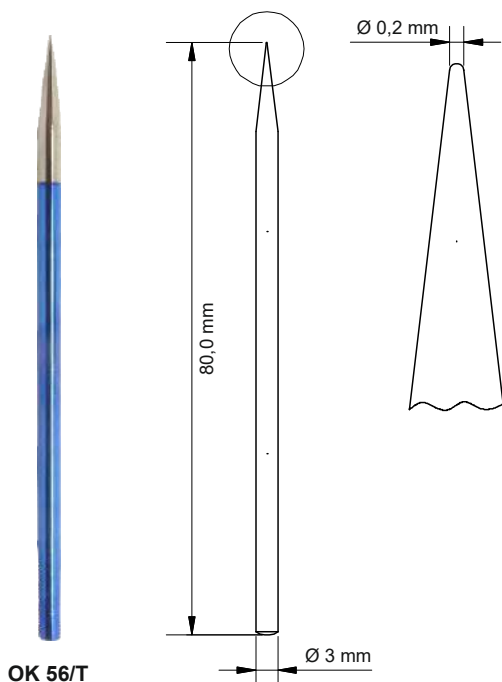
OK 54



OK 54

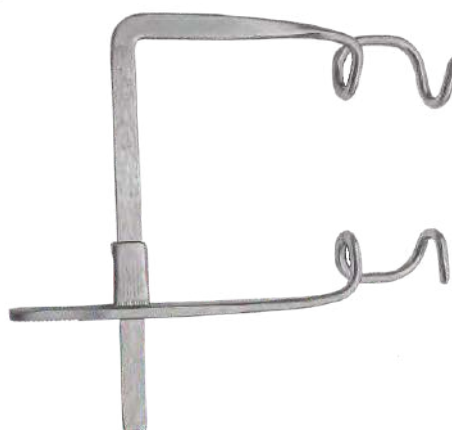


2/1

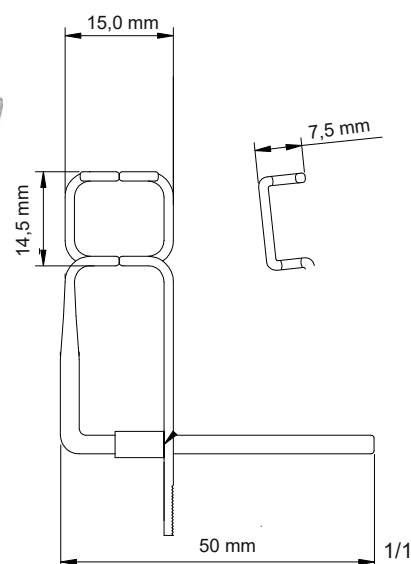


OK 56/T

10/1



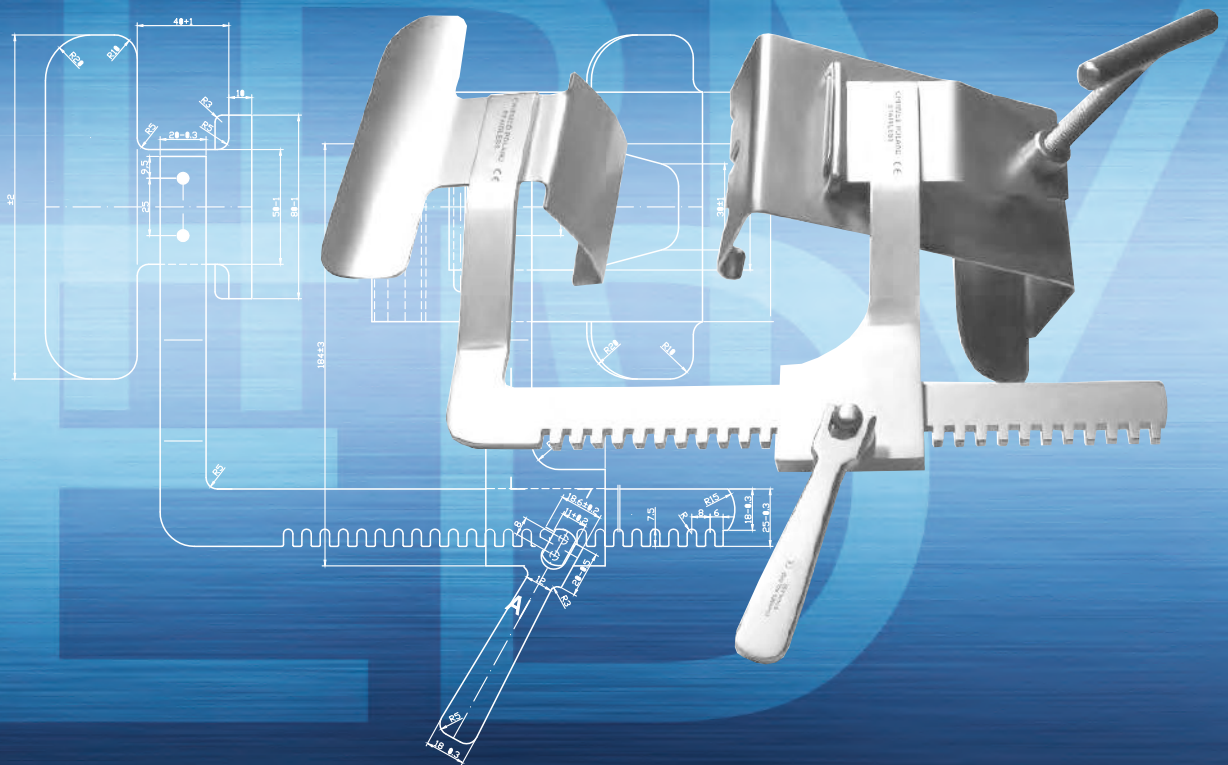
OK 70



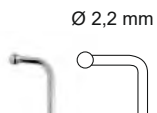
1/1

CHIRMED®

Kardio i torakochirurgia
Cardiovascular and Thoracic Surgery
Herz-, Thorax- und Gefäß-Chirurgie



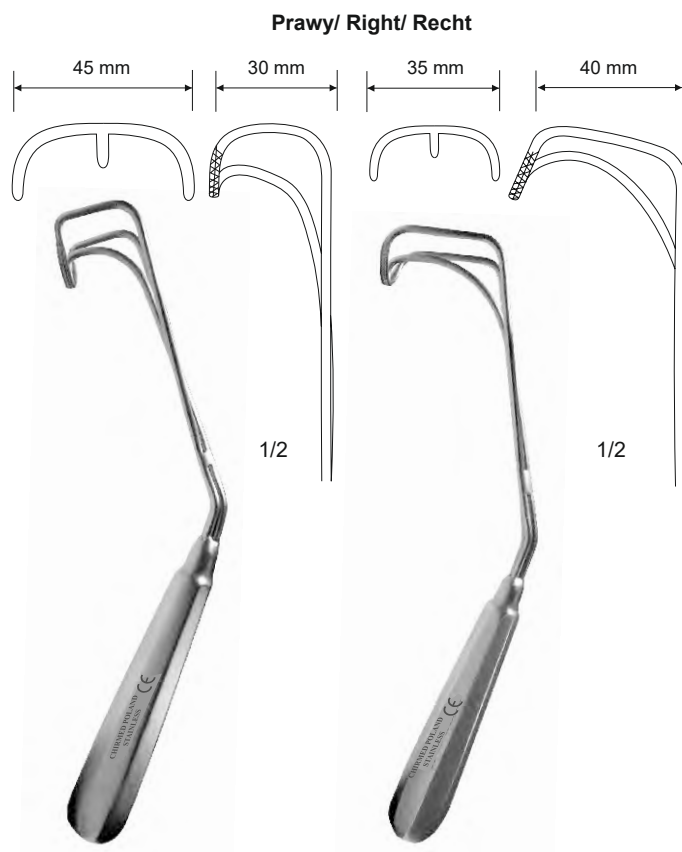
from IDEA to SOLUTION



KD 31
222 mm (8 3/4")

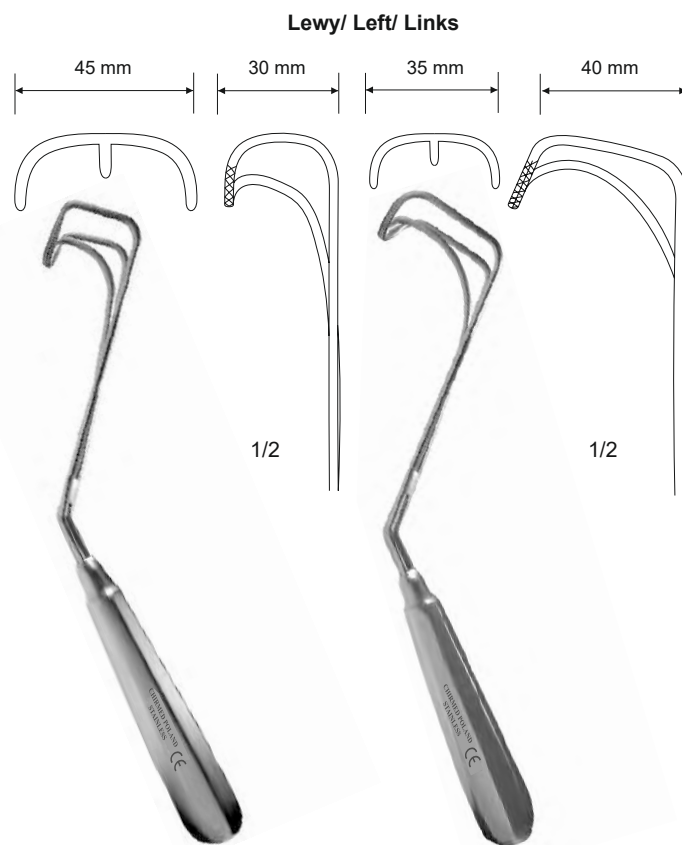


KD 20
235 mm (9")
CO 600
220 mm (8 3/4")



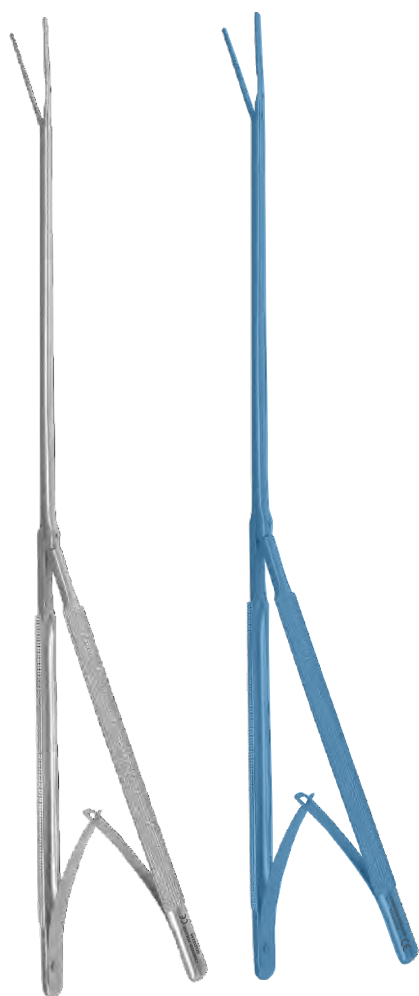
KD 16
245 mm (9 3/5")

KD 17
245 mm (9 3/5")



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

Długość całkowita
Total length
Gesamtlänge

1,5 mm
→ | ←

1/1

1,5 mm
→ | ←

1/1

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

Długość całkowita
Total length
Gesamtlänge

1,5 mm
→ | ←

1/1

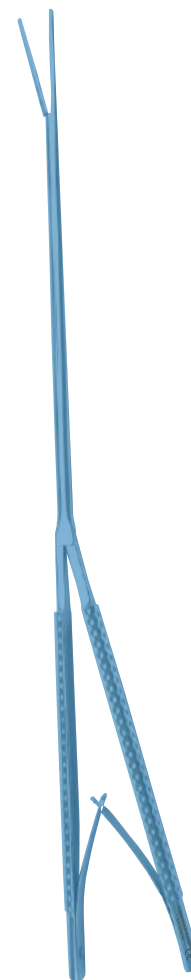
1,5 mm
→ | ←

1/1

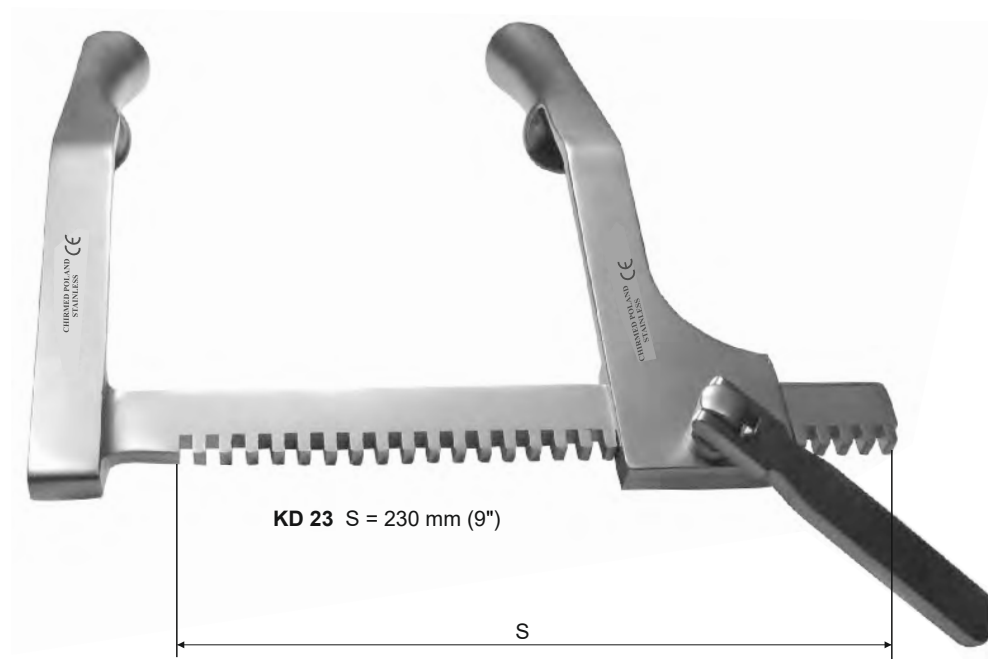
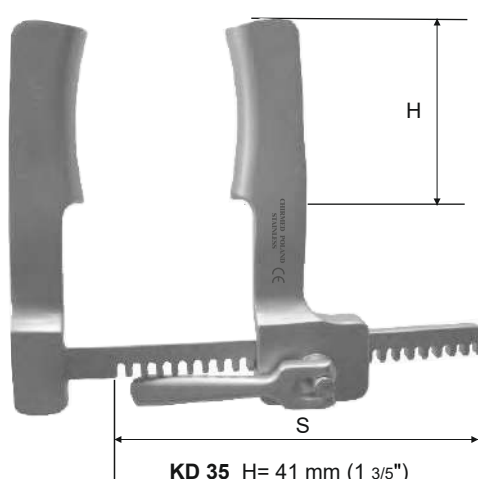
360 mm (14 1/4")	MK 306	MK 308
360 mm (14 1/4") TITANIUM	MK 306/T	MK 308/T
414 mm (16 1/4")	MK 307	MK 309
414 mm (16 1/4") TITANIUM	MK307/T	MK 309/T



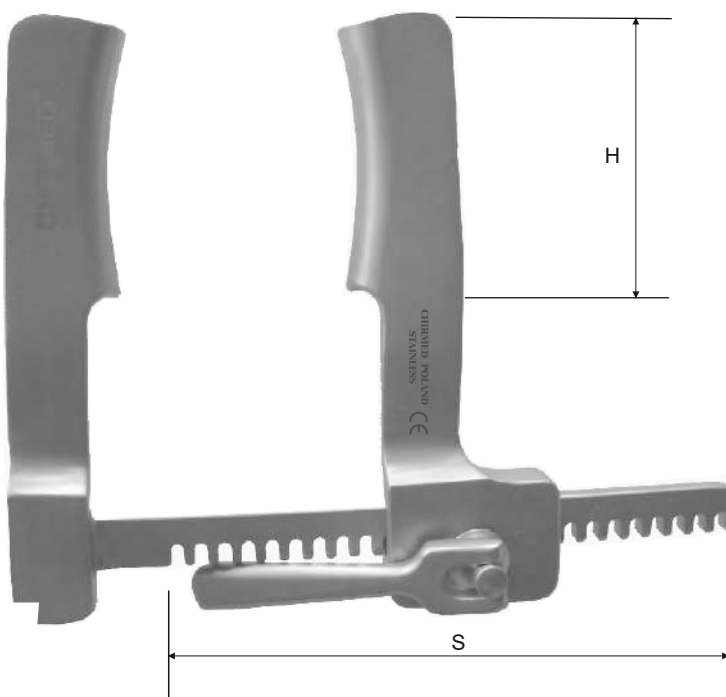
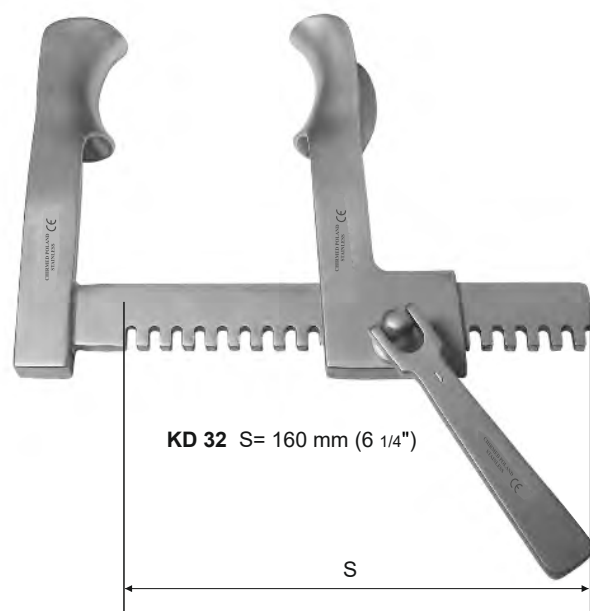
DE BAKEY
MK 306

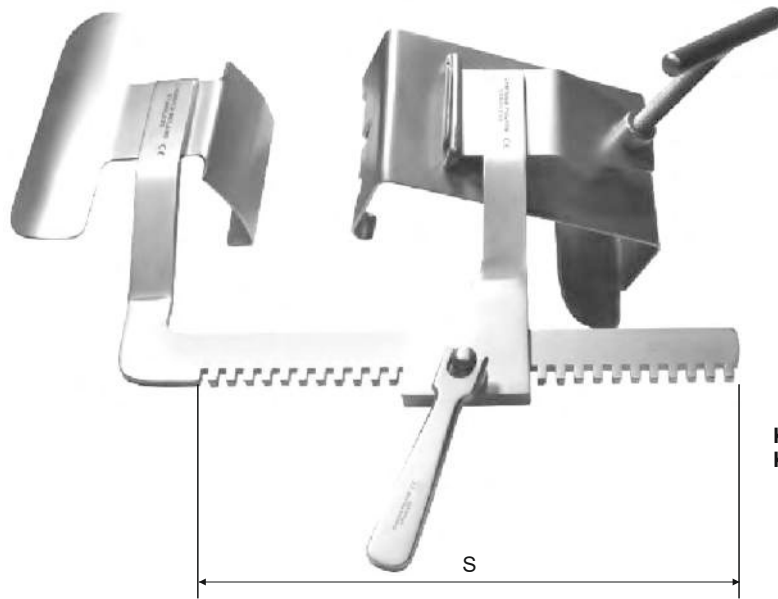


DE BAKEY
MK 306/T
TITANIUM

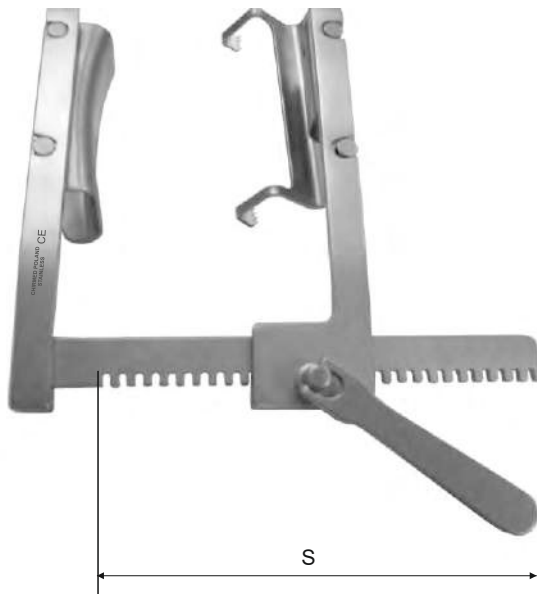


KD 36 H= 29 mm (1")
S= 90 mm (3 1/2")





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



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



KD 34/2



KD 34/3



KD 34/4

Nr Kat. Cat. Ref. Kat. Nr	Opis Descriptions Beschreibung
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 Sternum Blades 30 x 100 mm - 1 pair
KD 34/4	Bransza do mostka 40 x 100 mm - 1 para Sternum Blades 40 x 100 mm - 1 pair



KD 70 + KD 76



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

**Prowadnik
Introducer
Einführungsstift**



**KD 72
40 x 35 mm**



**KD 73
50 x 35 mm**



**KD 74
60 x 35 mm**



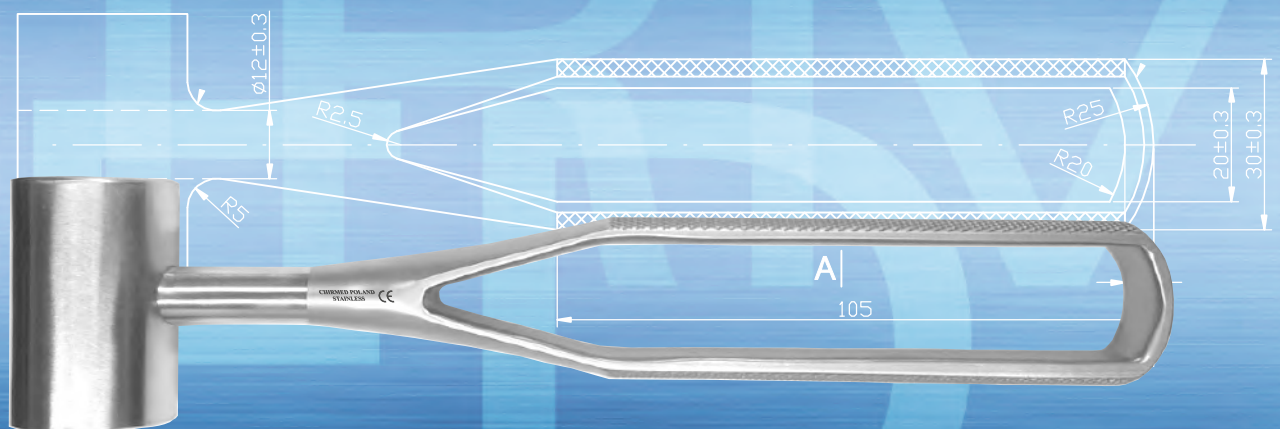
**KD 77
50 x 45 mm**



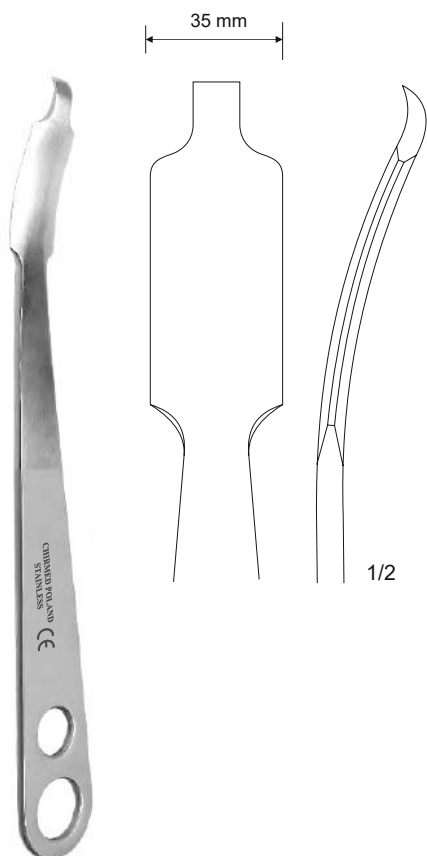
**KD 75
60 x 45 mm**



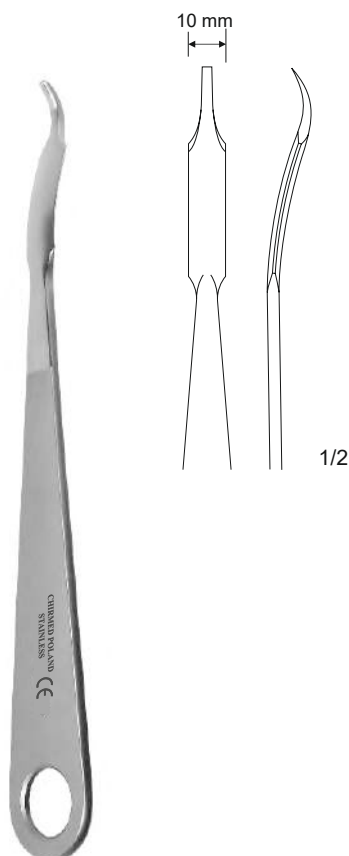
**KD 76
70 x 45 mm**



from IDEA to SOLUTION



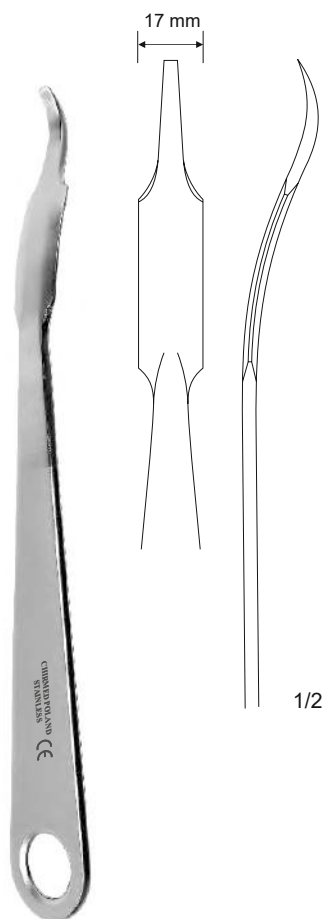
WAGNER
CK 20
220 mm (8 3/4")



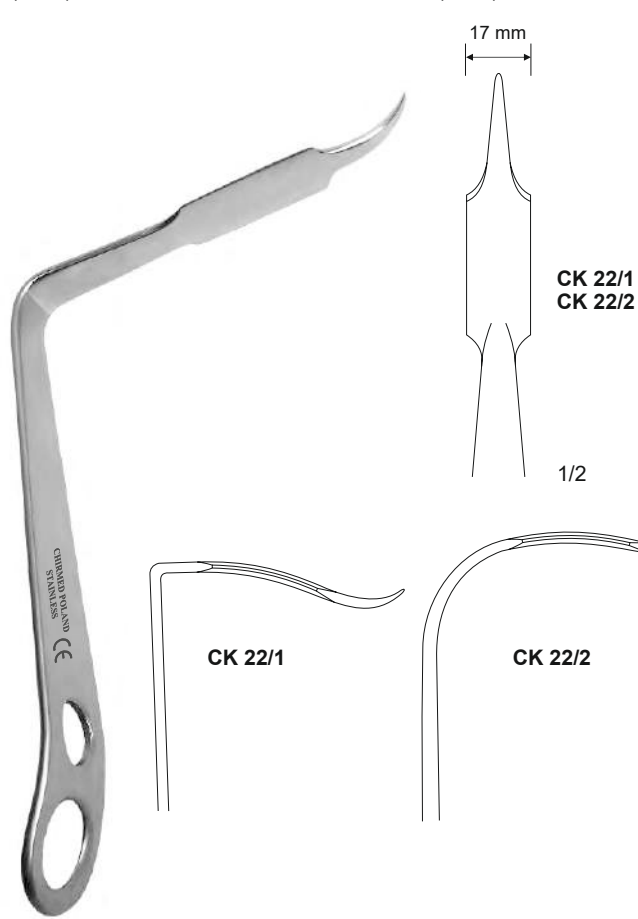
HOHMANN
CK 21
220 mm (8 3/4")



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



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



HOHMANN
240 mm (9 1/2")

CK 22/1

CK 22/2

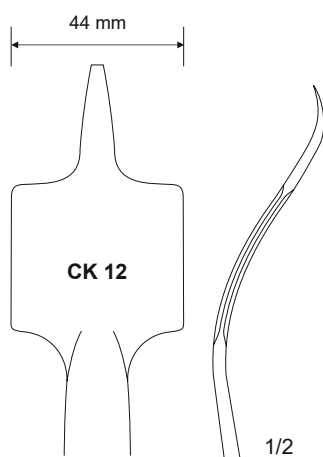
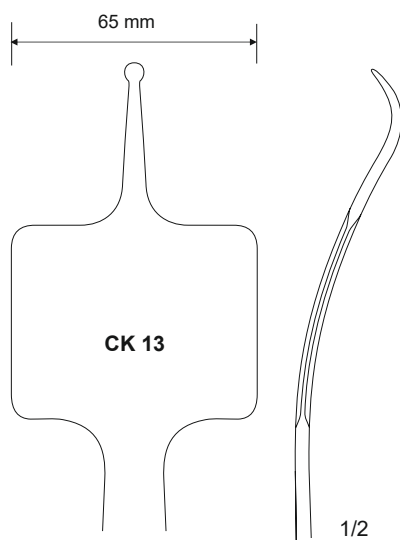
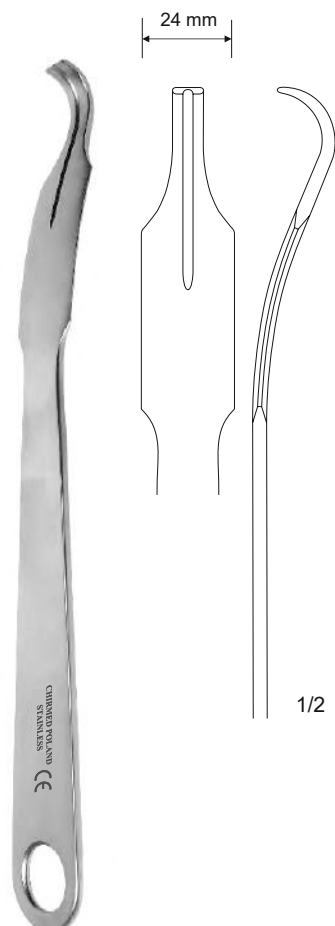
CK 22/1
CK 22/2

1/2

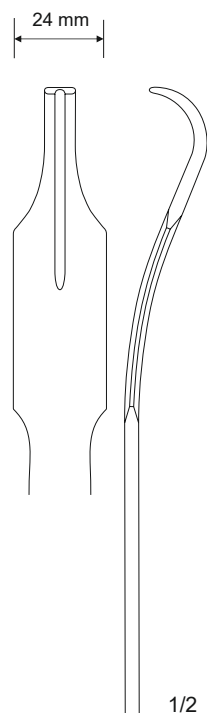
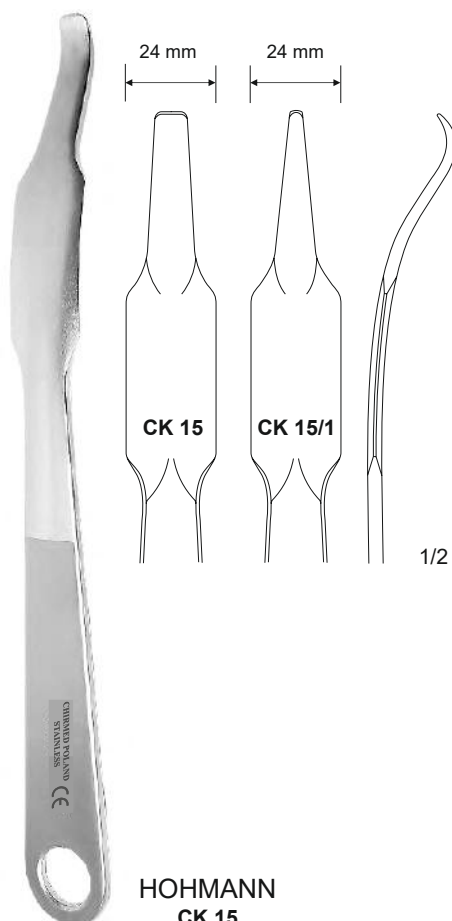
1/2



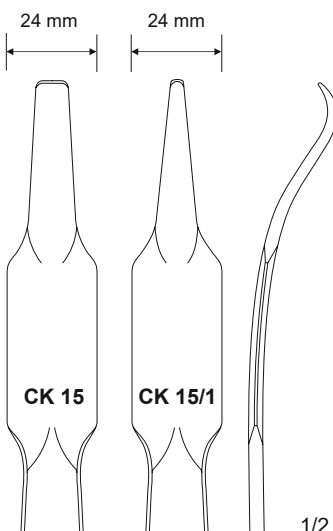
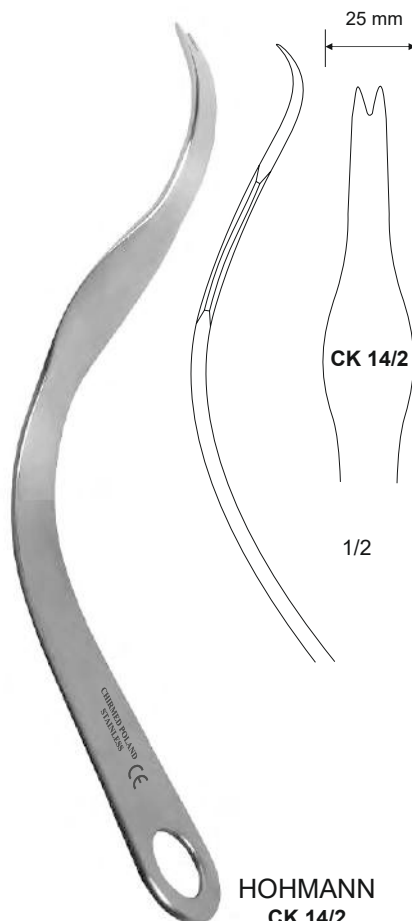
VERBRUGGE-MÜLLER
CK 12 **CK 13**
240 mm (9 1/2") 255 mm (10")



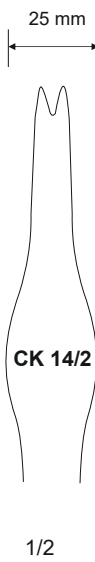
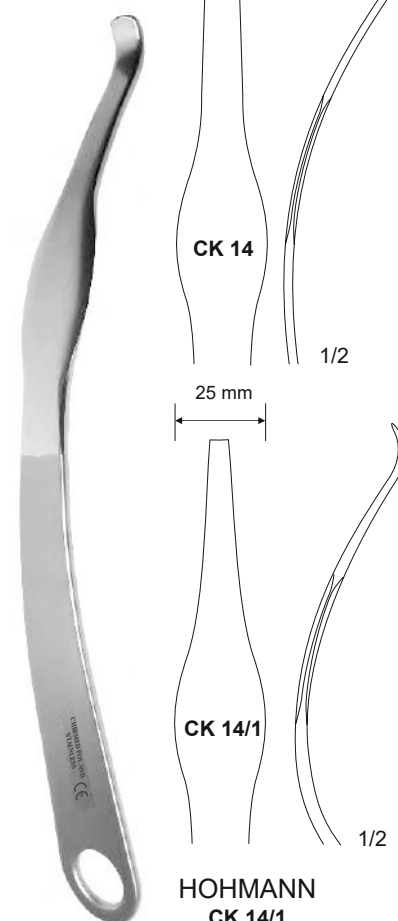
LANGE-HOHMANN
CK 11
250 mm (10")



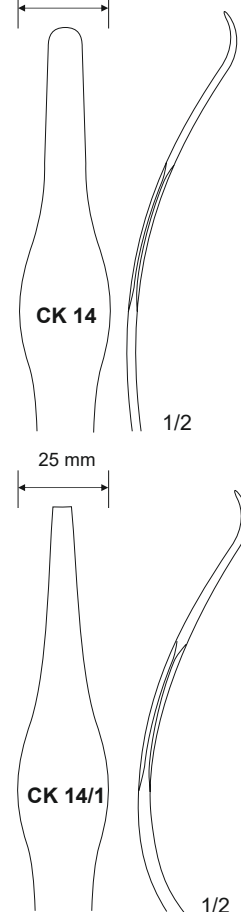
HOHMANN
CK 15
260 mm (10 1/4")

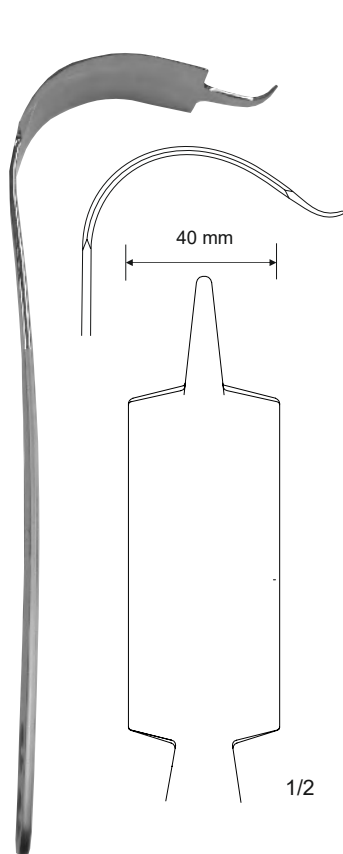


HOHMANN
CK 14/2
260 mm (10 1/4")

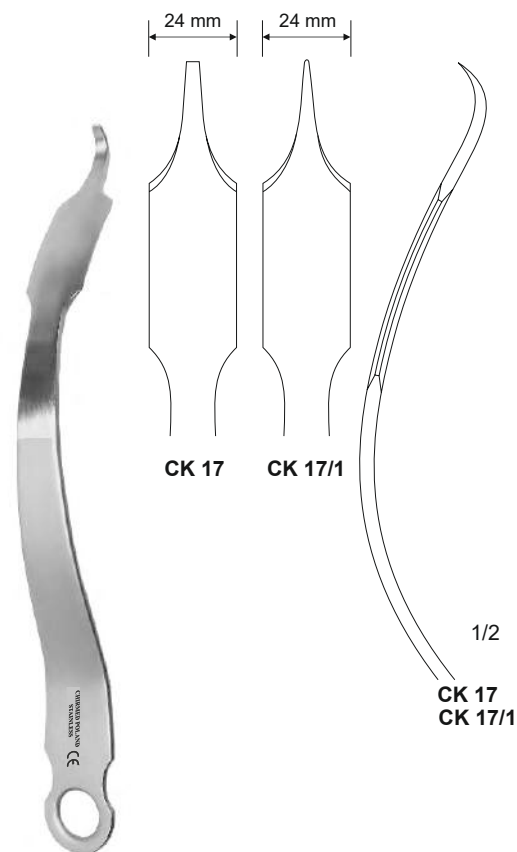


HOHMANN
CK 14/1
260 mm (10 1/4")

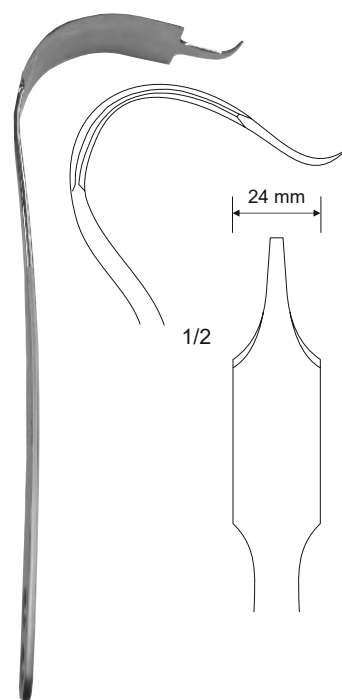




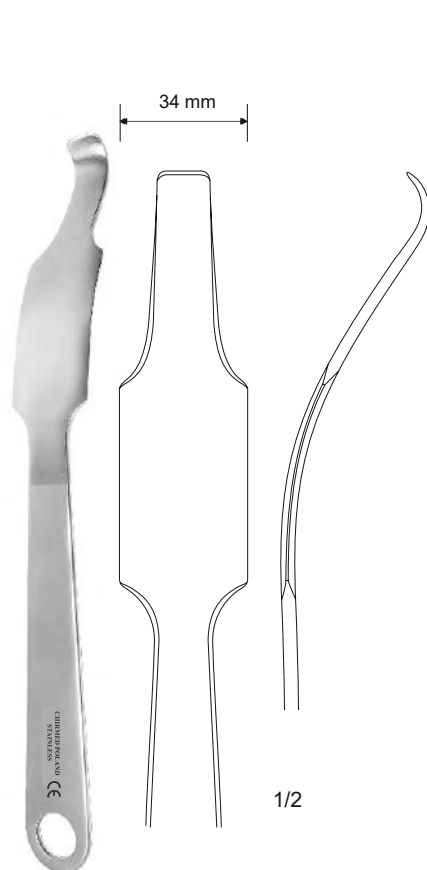
HOHMANN
CK 24
330 mm (13")



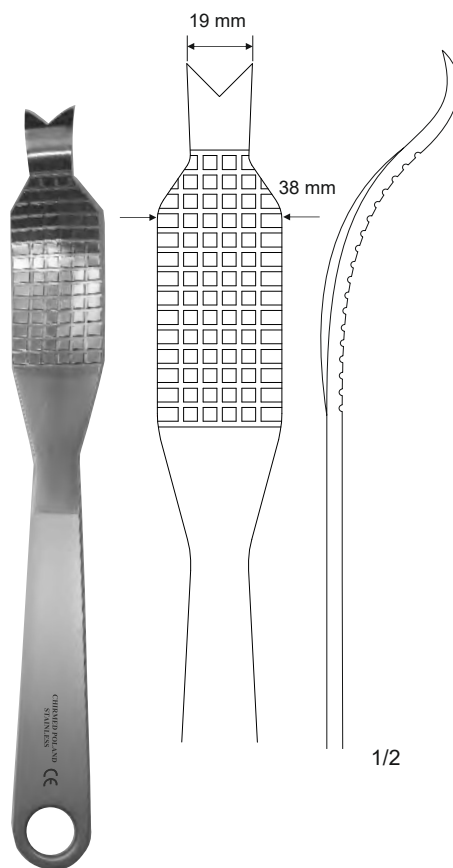
HOHMANN-ALDINGER
CK 17
270 mm (10 3/4")



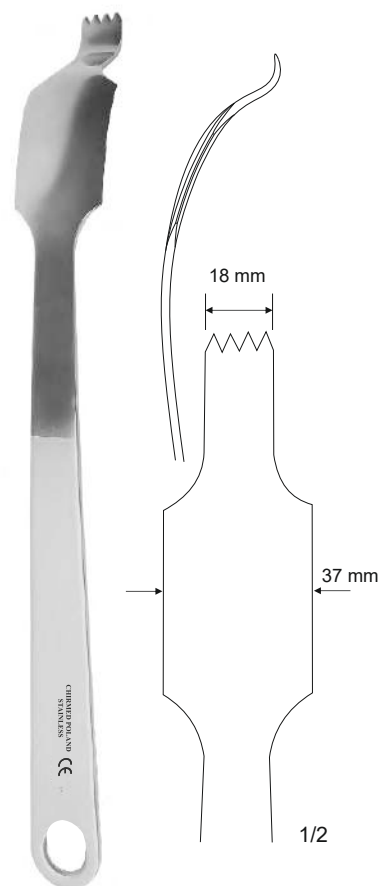
HOHMANN-ALDINGER
CK 17/2
270 mm (10 3/4")



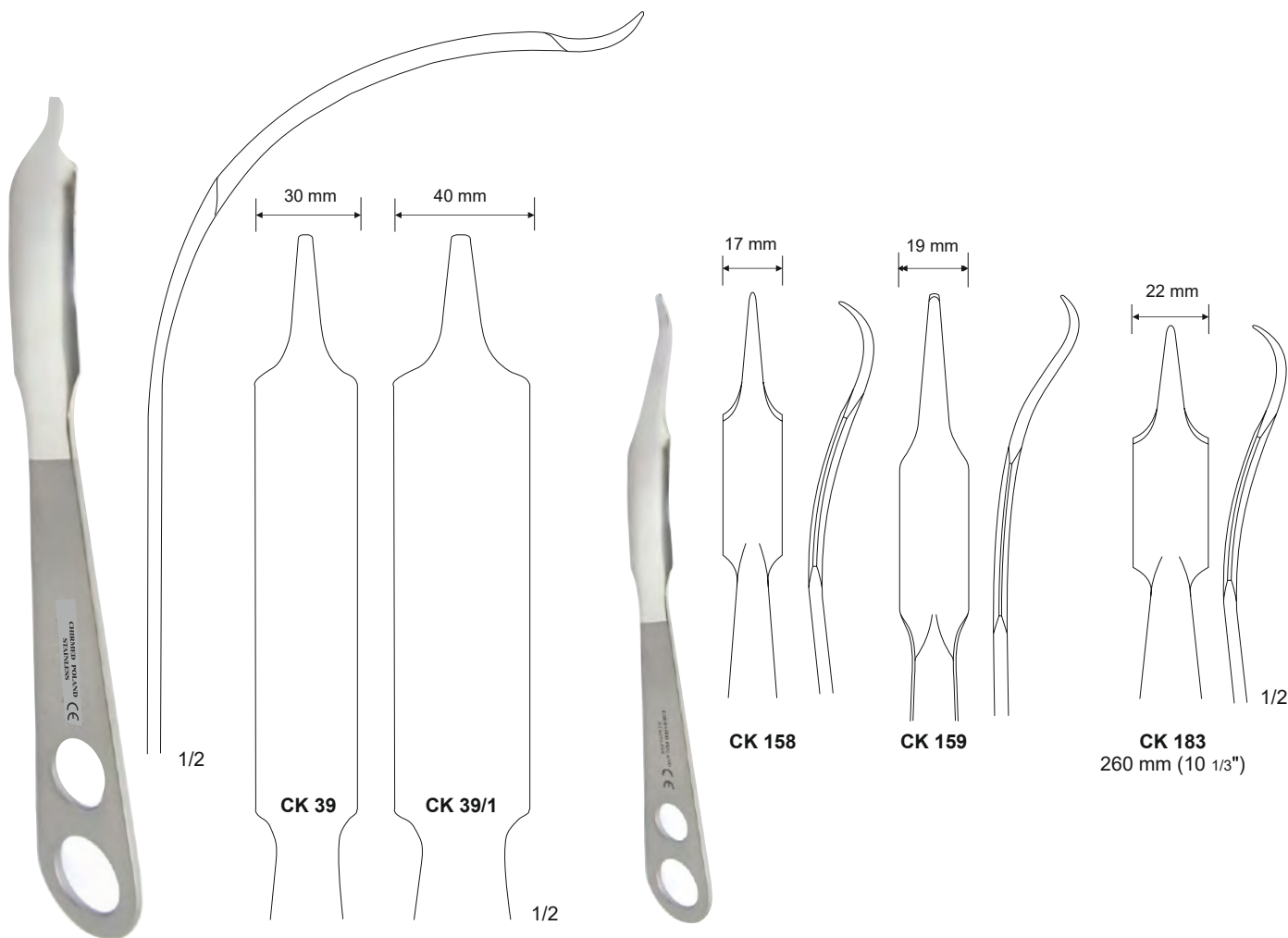
HOHMANN
CK 16
285 mm (11 1/4")



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")

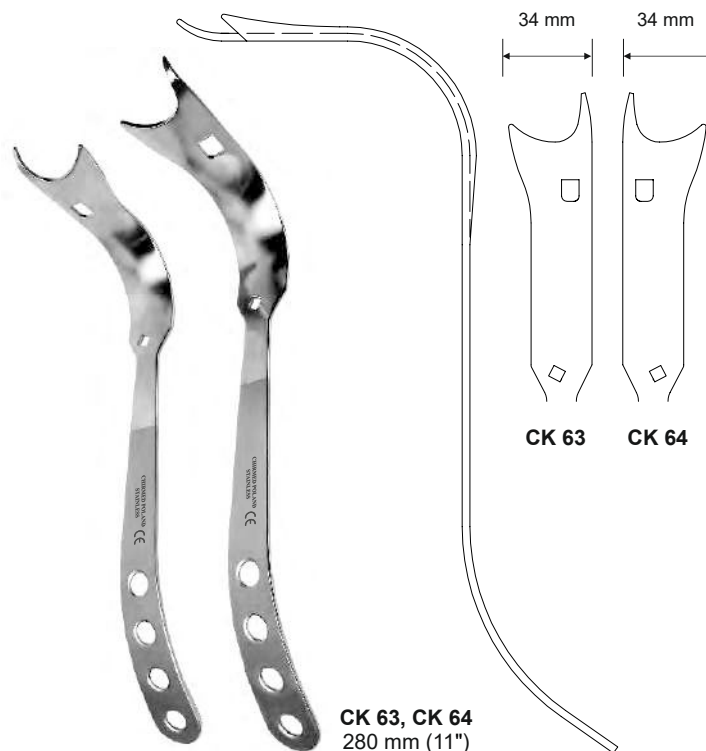
BENNETT
CK 155
250 mm (10")

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)

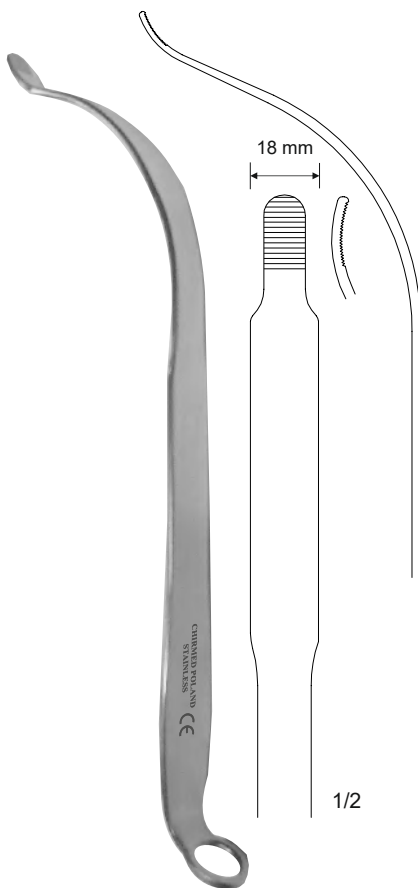
SET: TEMPERS AND LEVERS FOR HIP JOINT (set consists of: CK 61, 2 x CK 62, CK 63, CK 64, CK 65, CK 66, CK 67)

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)



HOHMANN

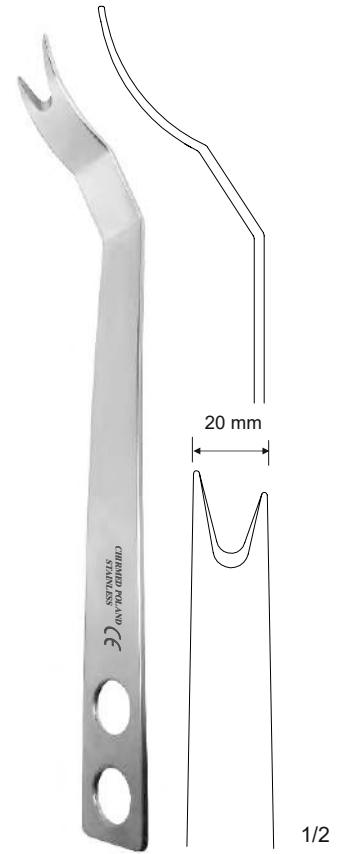
CK 67
346 mm (13 5/8")



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



MÜLLER
CK 141
335 mm (13")



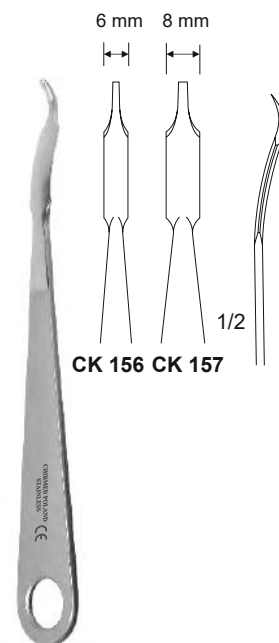
HOHMANN
CK 142
315 mm (11 1/3")



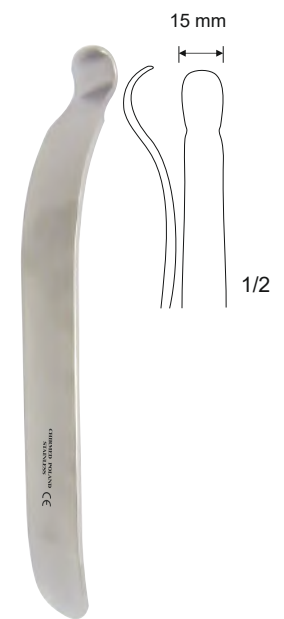
HOHMANN
CK 143
360 mm (14 1/4")



CK 144
345 mm (13 1/2")

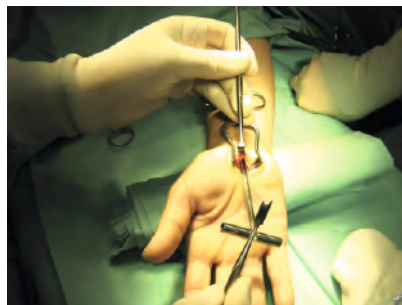


CK 156
160 mm (7 1/2")



SOKOŁOWSKI
CK 162
165 mm (6 2/3")

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



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

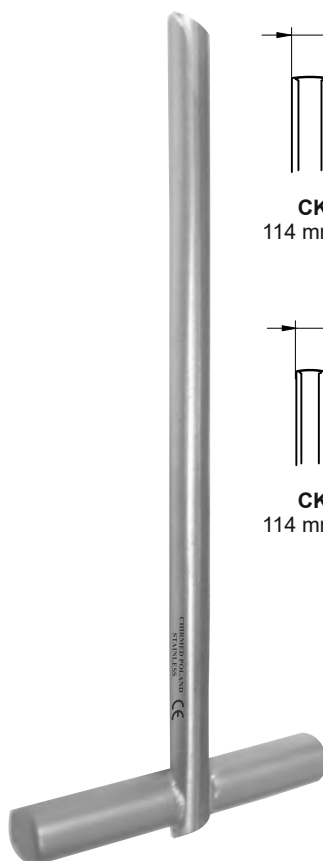
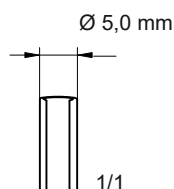
Trokar jest usuwany i wprowadzany jest meniskotom do wzdłużnego nacięcia w kaniuli aby przeciąć poprzeczne więzadło nadgarstka oraz dystalną powięź przednią.
Trocar is removed and Smilie-meniscotome is inserted in dorsal slot in cannula to cut open the transverse carpal ligament and distal ante-brachial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

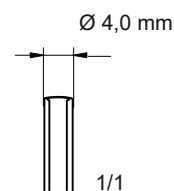


CK 186
130 mm (5 1/8"), Ø 4,0 mm

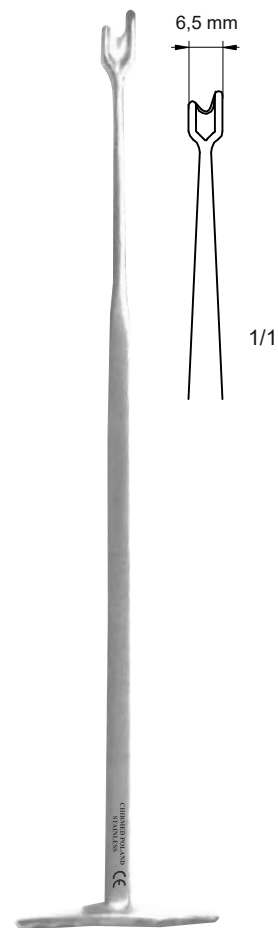
CK 192
130 mm (5 1/8"), Ø 3,0 mm



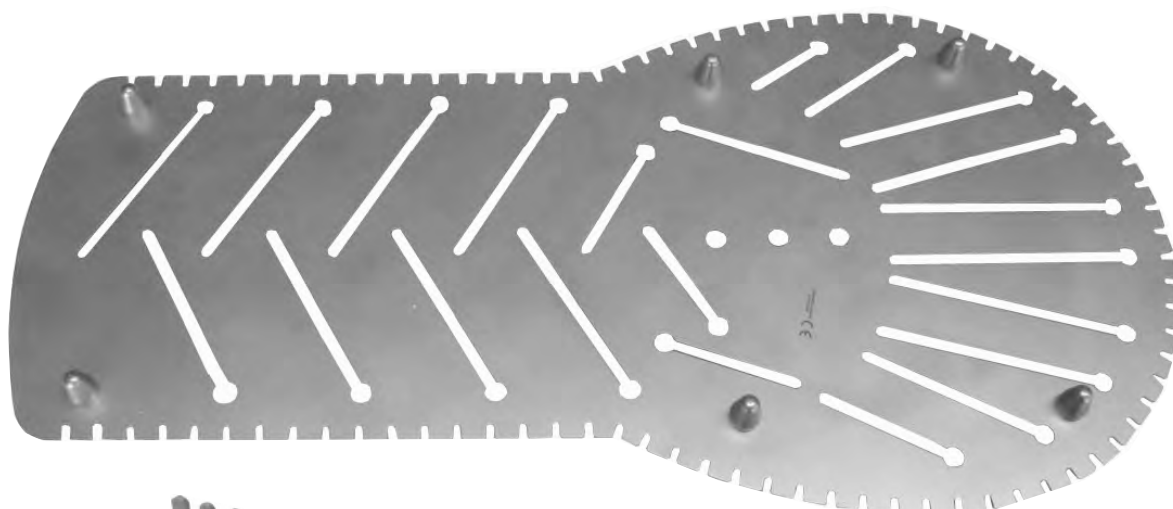
CK 185
114 mm (4 1/2")



CK 191
114 mm (4 1/2")



SMILIE
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



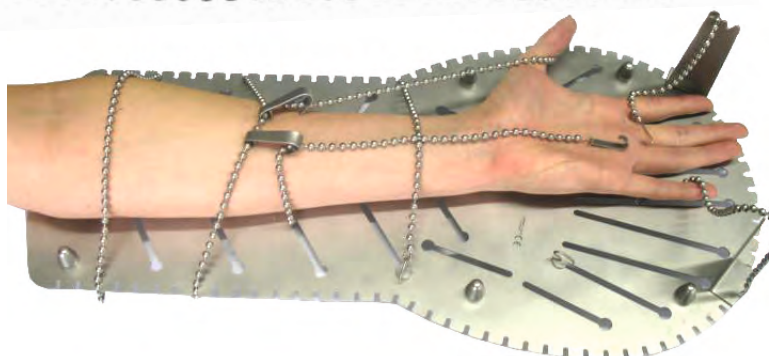
CO 520/3



CO 520/2



CO 520/1



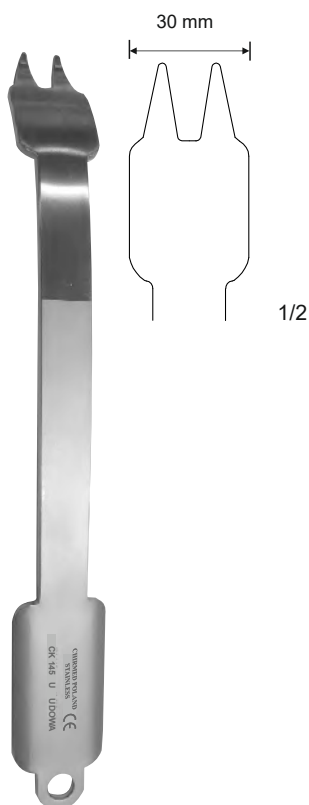
Zestaw składa się z:

Set consists of:

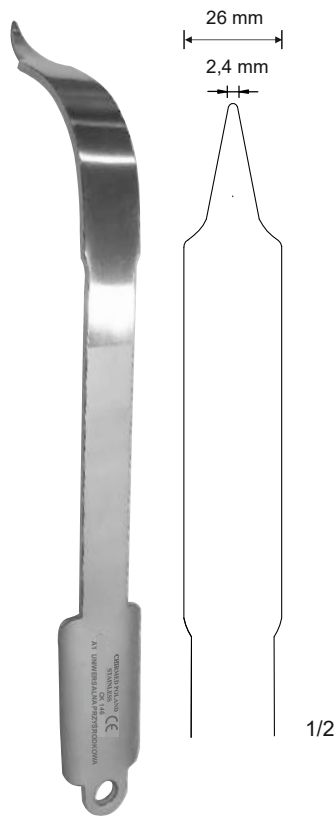
Set besteht aus:

- 1 x Stolik do nadgarstka/ Hand holder/ Tisch für Handgelenk
- Łańcuszki/ Ball chains/ Ketten 2 x CO 520/1, 2 x CO 520/2, 2 x CO 520/3, 2 x CO 520/4, 2 x CO 520/5, 2 x CO 520/6
- 2 x Uchwyt do łańcuszków/ Chain holder/ Halter für Ketten CO 520/7
- 4 x Haki/ Hook/ Haken CO 520/8
- 2 x Haki/ Hook/ Haken CO 520/9
- 4 x Haki montowane do stolika/ Hook mounted with hand holder/ Haken montiert mit dem Tisch CO 520/10

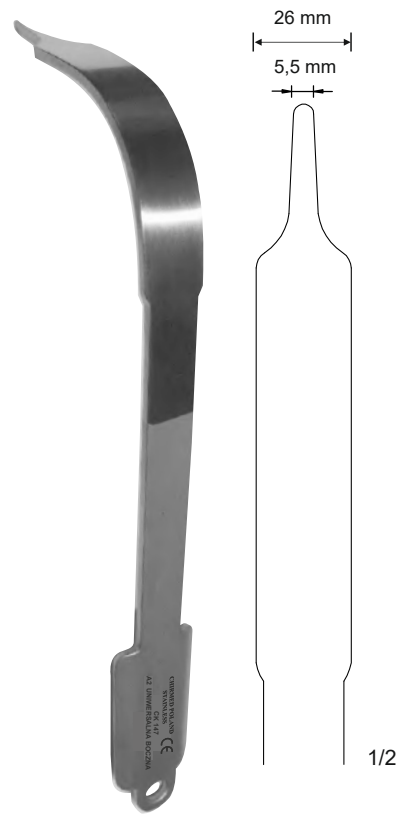
IDENTYFIKACJA:	(U) Udowa	(A1) Uniwersalna Przyśrodkowa	(A2) Uniwersalna Boczna	(P1) Przednia	(P2) Panewkowa
IDENTIFICATION:	(F) Femoral	(M) Universal-Medial	(L) Universal-Lateral	(AN) Anterior Acetabulum	(AC) Posterior Acetabulum
IDENTYFIKATION:	(O) Oberschenkel	(M) Universal Medial	(S) Universal Seitlich	(VN) Vorne Hüftpfanne	(HH) Hintere Hüftpfanne



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



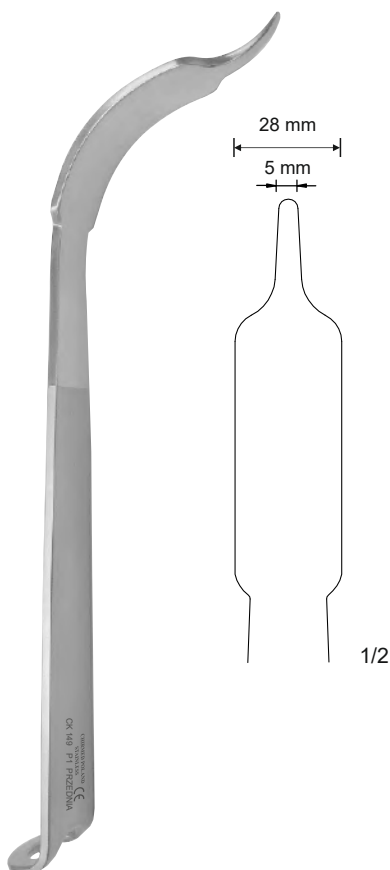
CK 146 (A1)
350 mm (13 2/3")



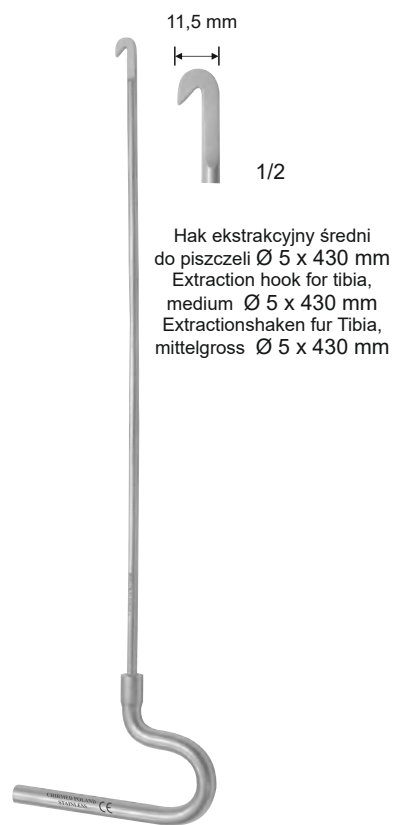
CK 147 (A2)
348 mm (13 2/3")



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
Extractionshekel für Tibia,
mittelgross Ø 5 x 430 mm

Ø 5,5 mm

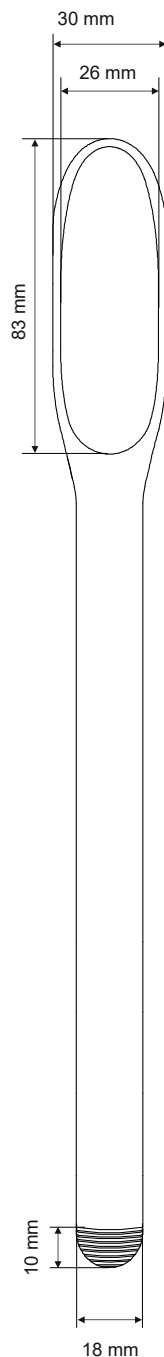
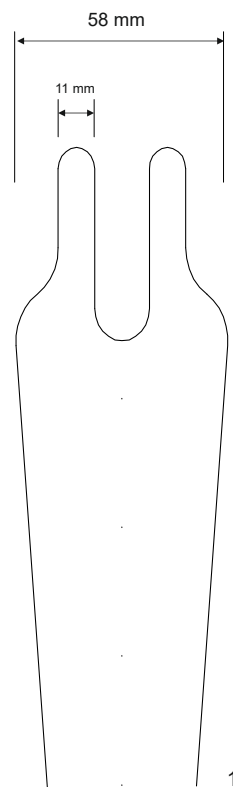


CK 181

250 mm (10"), Ø 5,5 mm, 10 mm

CK 224

300 mm (12"), Ø 5,5 mm, 10 mm



CK 165

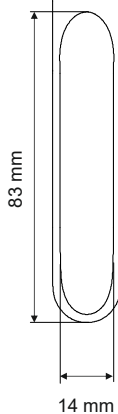
228 mm (9")

1/2



MURPHY

CK 200
300 mm (12")



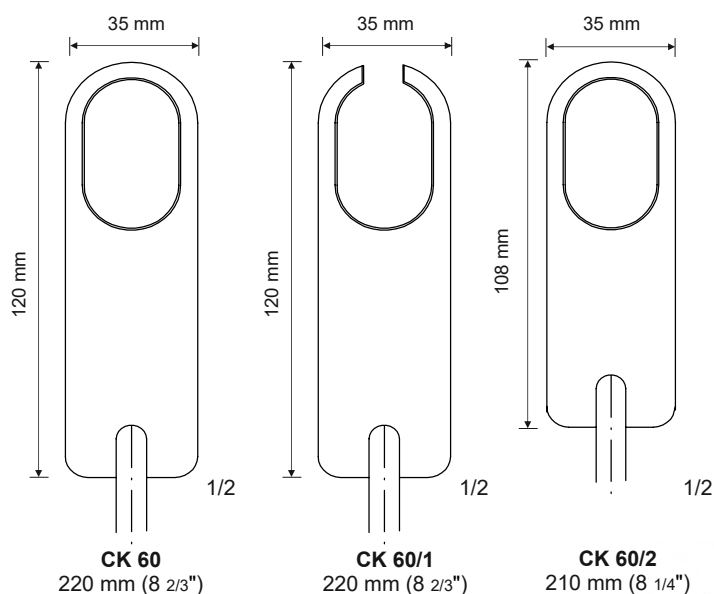
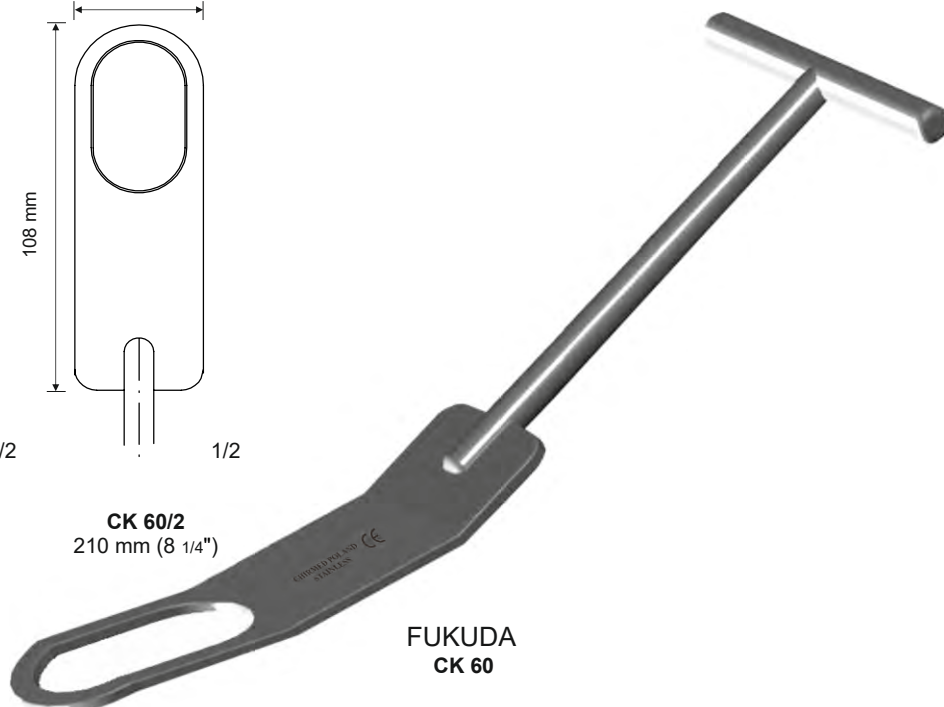
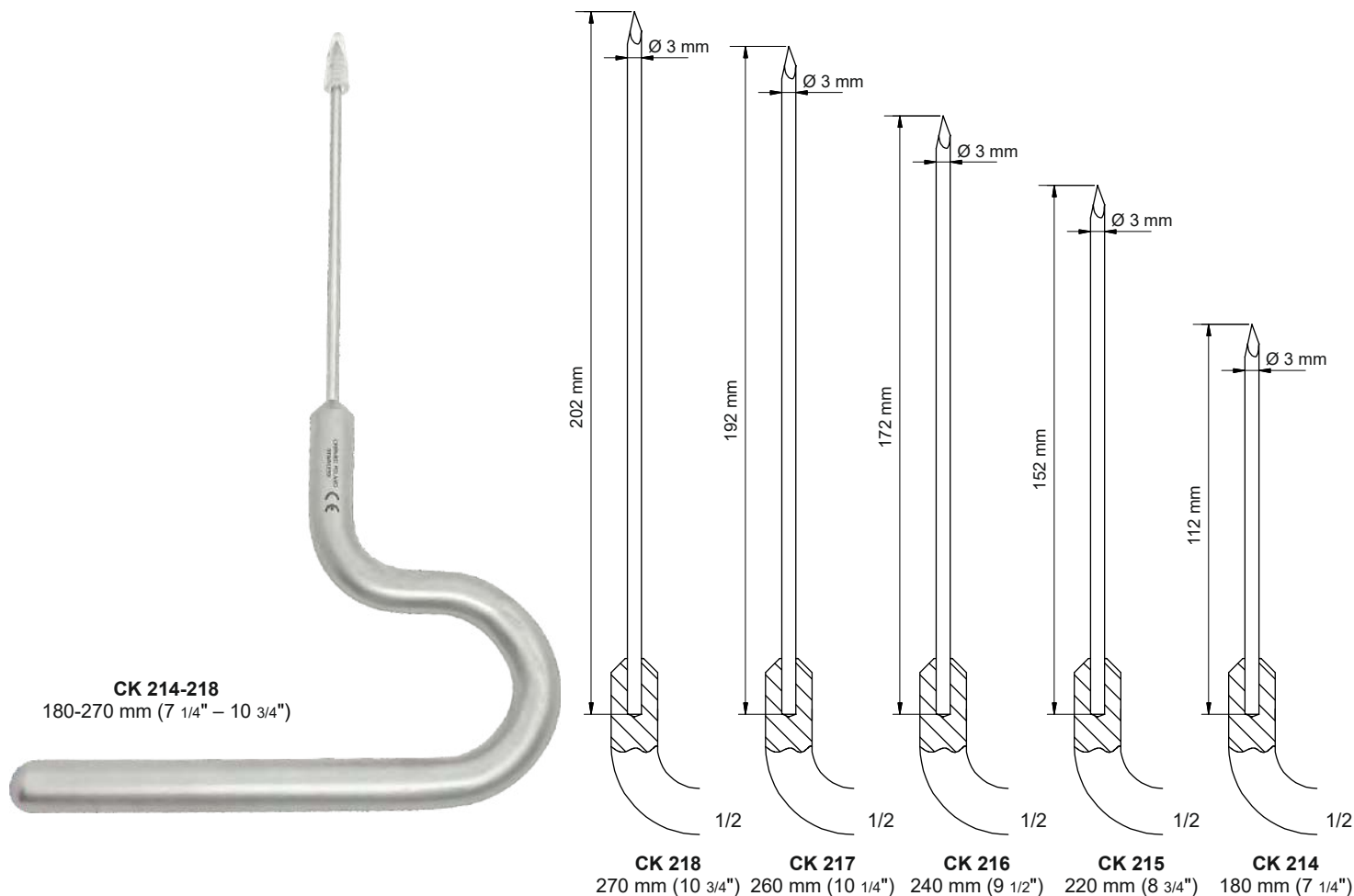
14 mm

10 mm

18 mm

1/2

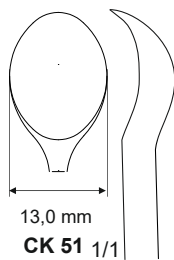
PODWAŻKA DO ODSUNIĘCIA GŁOWY KOŚCI RAMIENNEJ W CZASIE ZABIEGU REKONSTRUKCJI OBRĄBKA PANEWKI
BONE LEVER FOR MOVING HUMERAL HEAD DURING HEM ACETABULUM TREATMENT
HUMERUSKOPFRETRAKTOR FÜR WIEDERBAU VON HÜFTPFANNE



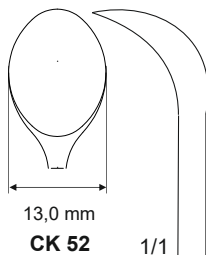
UCHWYT RADEL® (PPSU, TECASON PMT)
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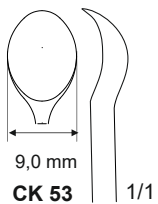
CK 50



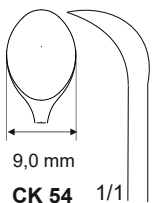
CK 51 1/1



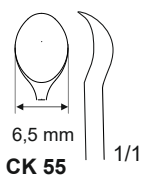
CK 52 1/1



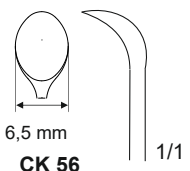
CK 53 1/1



CK 54 1/1

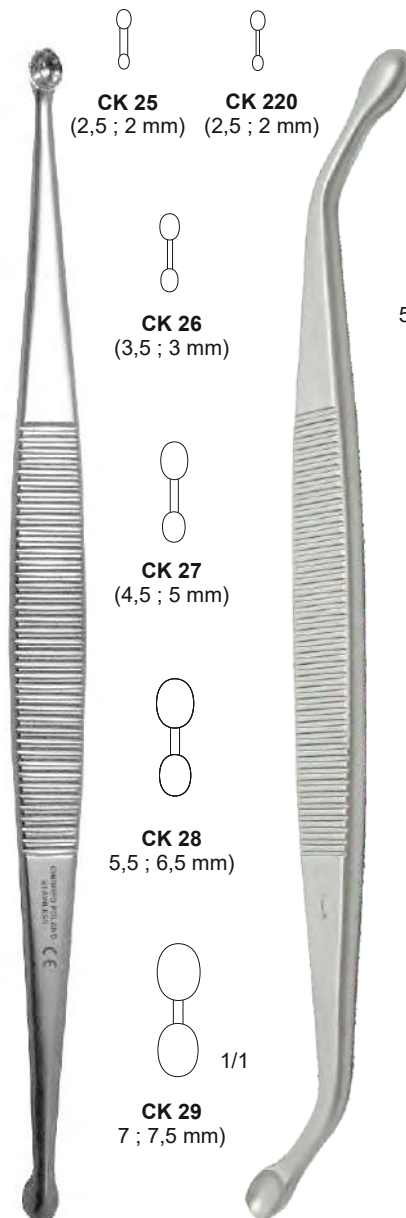


CK 55 1/1



CK 56 1/1

CK 50 - CK 56
330 mm (13")



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

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



CK 212
(5,5 ; 6,5 mm)



CK 213
(7 ; 7,5 mm)

1/1

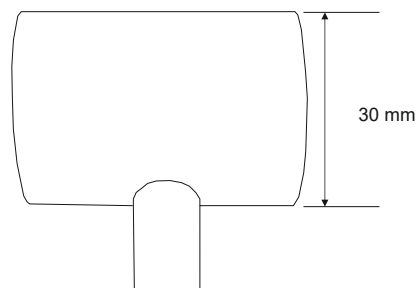
VOLKMANN
CK 212 - CK 213
160 mm (6 1/4")



CK 132
190 mm (7 1/2")



CK 133
190 mm (7 1/2")



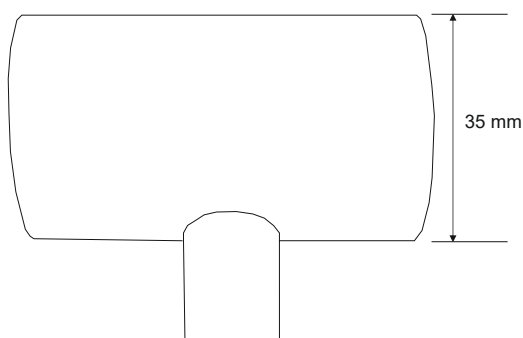
HEATH

CK 40

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



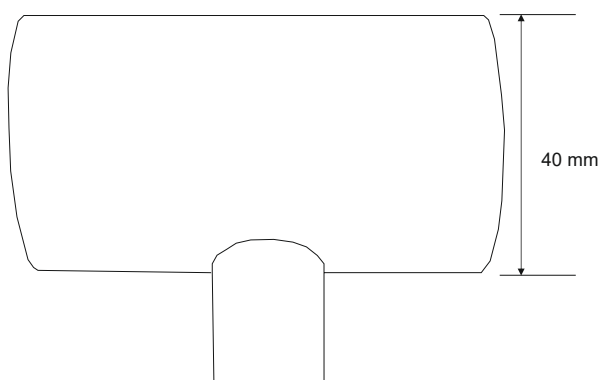
CK 40 - CK 42



HEATH

CK 41

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



HEATH

CK 42

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



CK 160

waga 1400g
Weight 1400g
Gewicht 1400g

CK 43

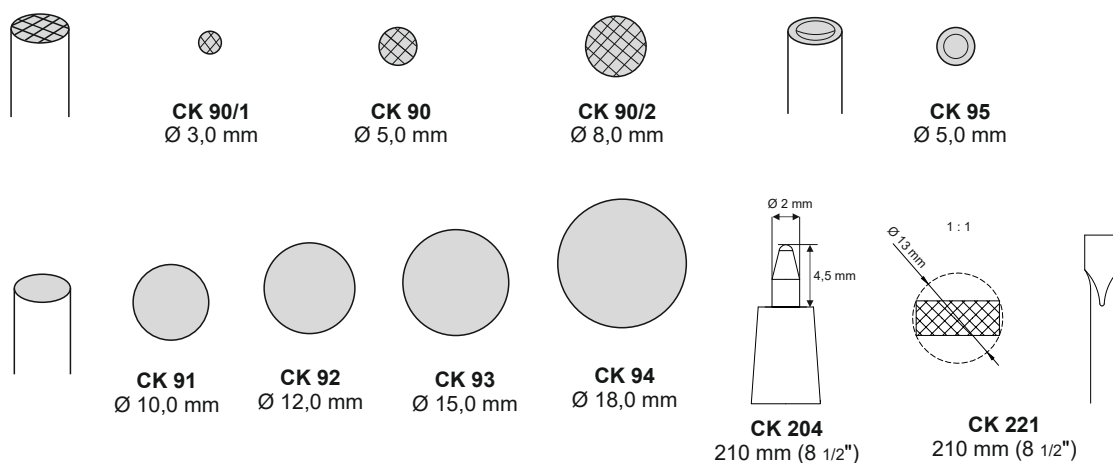
waga 2500g
Weight 2500g
Gewicht 2500g

CK 43/M

waga 1700g
Weight 1700g
Gewicht 1700g

CK 160
228 mm (9"), Ø 55 mm
CK 43
240 mm (9 1/2"), Ø 67 mm
CK 43/M
228 mm (9"), Ø 55 mm

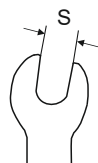
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CK 90 - CK 94
210 mm (8 1/4")



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
Screw driver
Schlitzschraubendreher



CK 80
Śrubokręt płaski
Screw driver
Schlitzschraubendreher

Śrubokręt krzyżowy
Cross Head
Phillips-Schraubendreher



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

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

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

Śrubokręt heksagonalny
Hexagonal Head
Sechskant-Schraubendreher



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

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

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

Śrubokręt gwiazdkowy
Star Head
Schraubendreher Stern

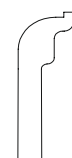


CK 87 do wkrętów/ for screws/
Schrauben 2,0 mm

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

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

19 mm



CK 61
305 mm (12")

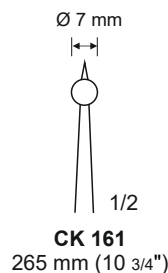
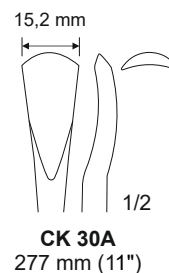
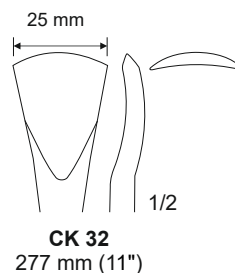
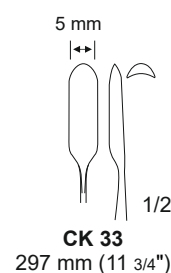
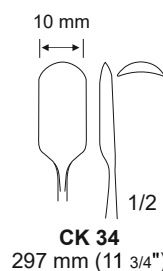
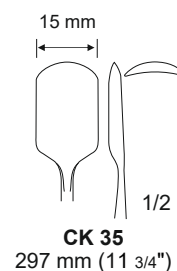
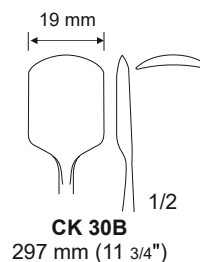
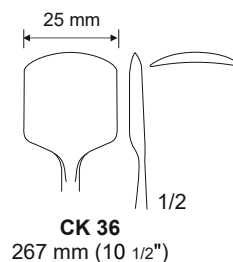
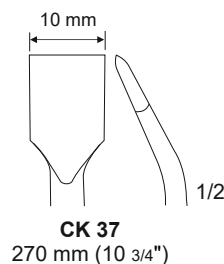
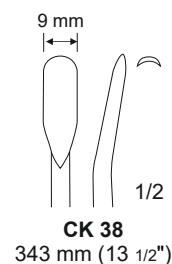
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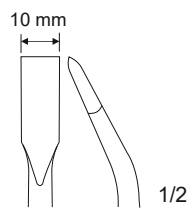
CK 30
337 mm (13 1/4")



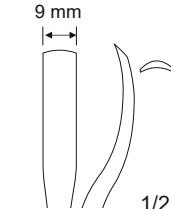
CK 31
277 mm (10 3/4")



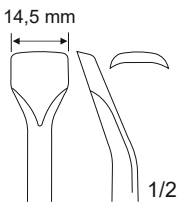
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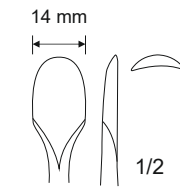
CK 31A
270 mm (10 3/4")



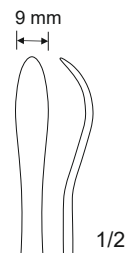
WAGNER CK 10B
272 mm (10 3/4")



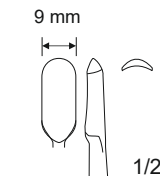
CK 31C
265 mm (10 1/2")



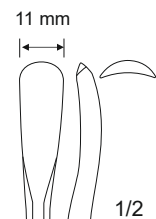
CK 30F
296 mm (11 3/4")



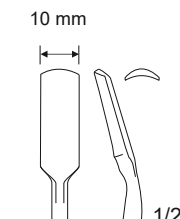
WAGNER CK 10
330 mm (13")



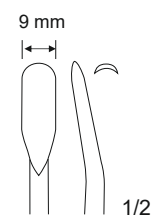
CK 30
337 mm (13 1/4")



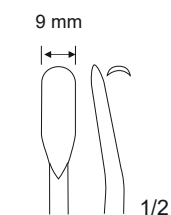
CK 30C
272 mm (10 3/4")



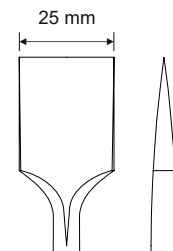
CK 31
277 mm (10 3/4")



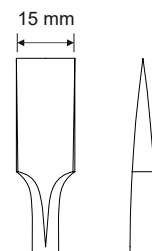
CK 31G
343 mm (13 1/2")



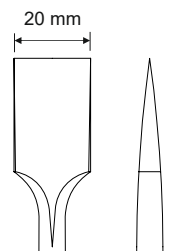
CK 31F
335 mm (13")



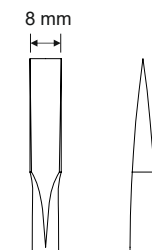
CK 211



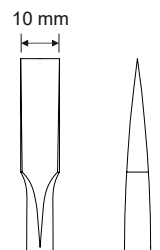
CK 209



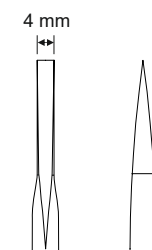
CK 210



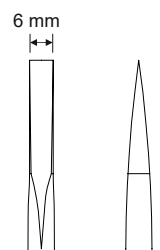
CK 207



CK 208



CK 205



CK 206



CK 30
337 mm (13 1/4")



CK 31
277 mm (10 3/4")



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



OSTEOTOM
OSTEOTOME
OSTEOTOME

DŁUTO
CHISEL
MEIßEL

CK 100 4 mm	CK 101 8 mm	CK 102 10 mm	CK 103 13 mm	CK 104 15 mm	CK 105 18 mm

CK 106 20 mm	CK 107 25 mm	CK 108 30 mm	CK 109 38 mm

CK 110 44 mm	CK 111 50 mm

CK 250 3 mm	CK 251 4 mm	CK 252 6 mm	CK 253 8 mm	CK 254 10 mm	CK 255 12 mm	CK 256 15 mm

125 mm (4 7/8")

CK 257 3 mm	CK 258 4 mm	CK 259 6 mm	CK 260 8 mm	CK 261 10 mm	CK 262 12 mm	CK 263 15 mm

170 mm (6 3/4")

CK 112 4 mm	CK 113 8 mm	CK 114 10 mm	CK 115 13 mm	CK 116 15 mm	CK 117 18 mm

CK 118 20 mm	CK 119 25 mm	CK 120 30 mm	CK 121 38 mm

CK 122 44 mm	CK 123 50 mm

CK 264 3 mm	CK 265 4 mm	CK 266 6 mm	CK 267 8 mm	CK 268 10 mm	CK 269 12 mm	CK 270 15 mm

125 mm (4 7/8")

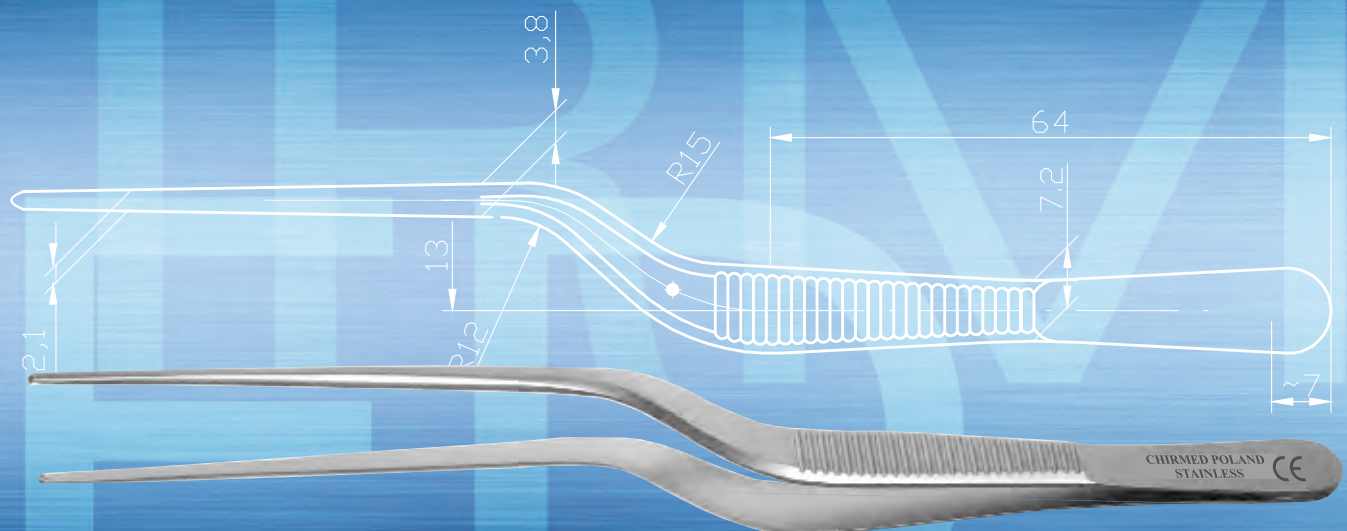
CK 271 3 mm	CK 272 4 mm	CK 273 6 mm	CK 274 8 mm	CK 275 10 mm	CK 276 12 mm	CK 277 15 mm

170 mm (6 3/4")

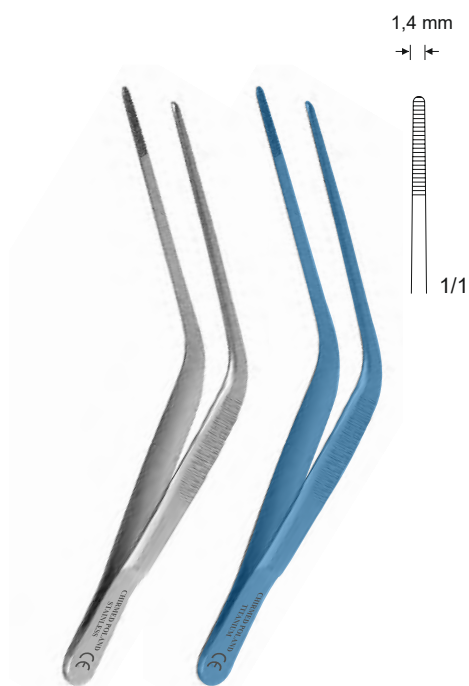
LAMBOTTE
CK 100 - CK 123
245 mm (9 3/4")

CHIRMED®

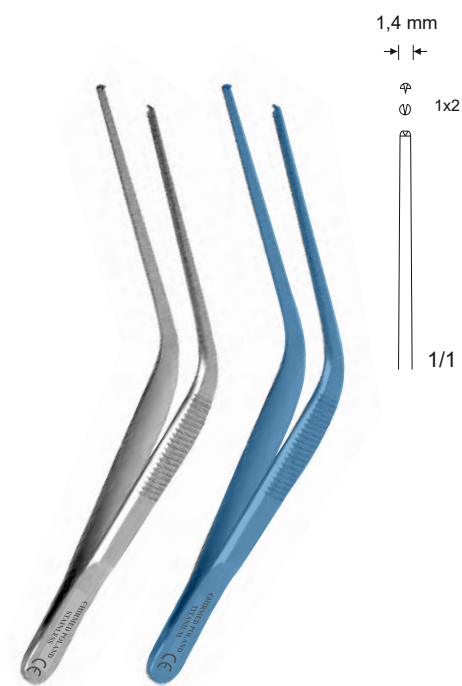
Laryngologia
Laryngology
Laryngologie



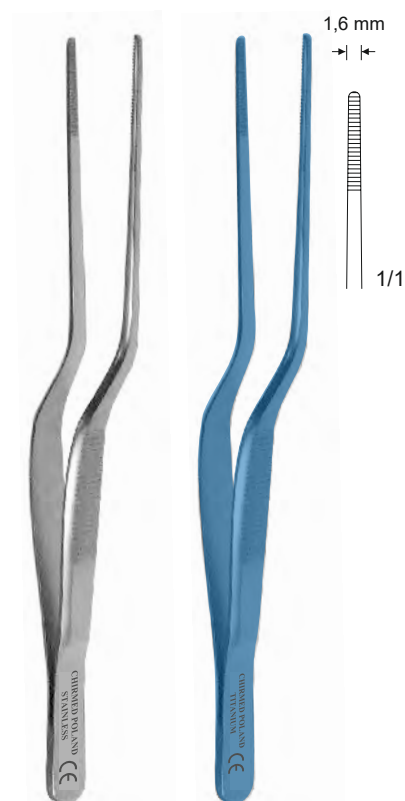
from IDEA to SOLUTION



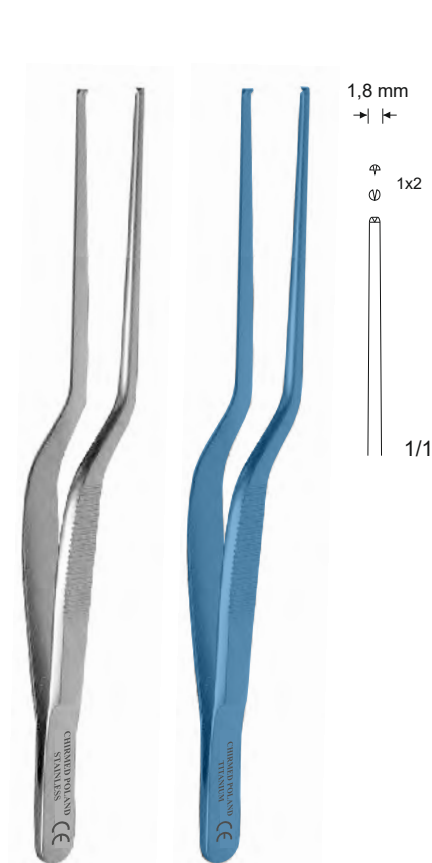
TROELTSCH
LG 10 LG 10/T
100 mm (4")
TITANIUM



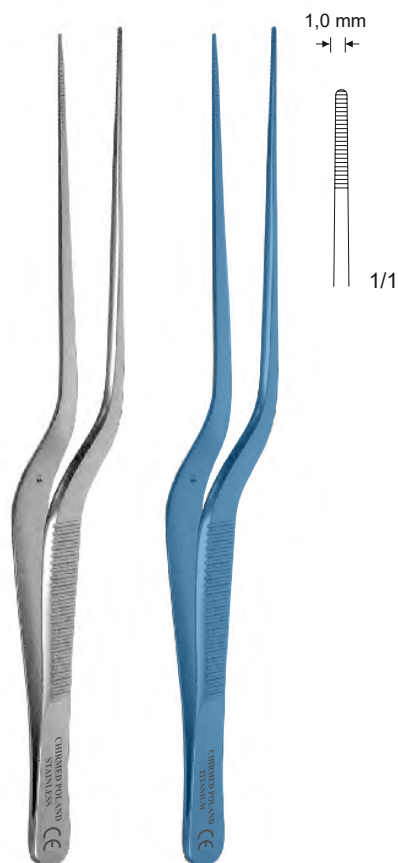
TROELTSCH
LG 11 LG 11/T
100 mm (4")
TITANIUM



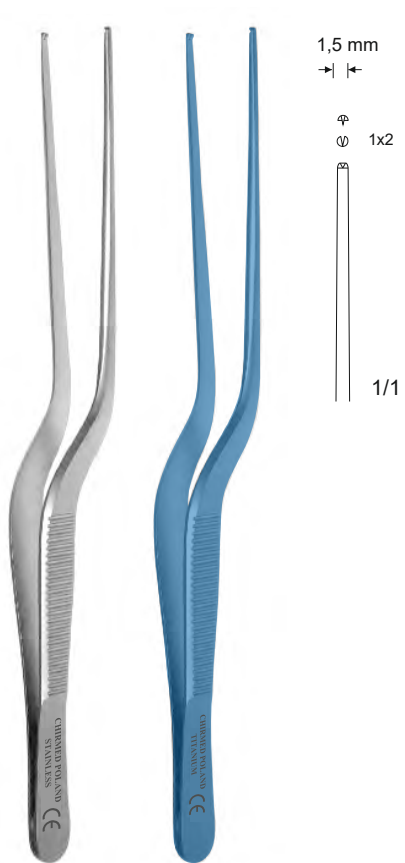
LUCAE
LG 12 LG 12/T
140 mm (5 1/2")
TITANIUM



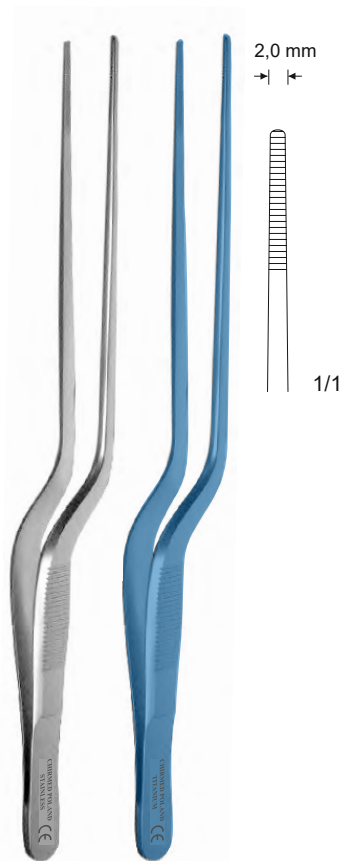
LUCAE
LG 13 LG 13/T
140 mm (5 1/2")
TITANIUM



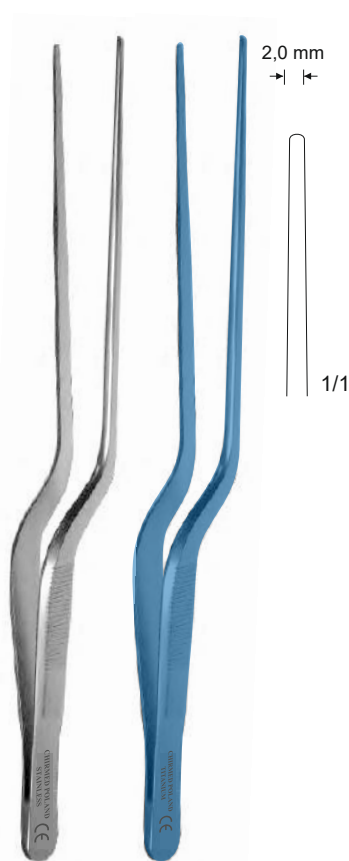
LG 18 LG 18/T
170 mm (6 3/4")
TITANIUM



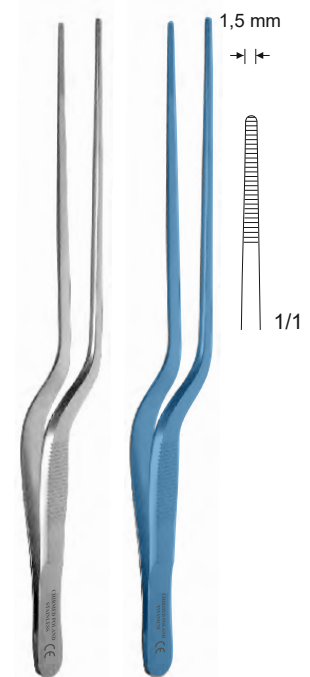
LG 18/B LG 18/B/T
170 mm (6 3/4")
TITANIUM



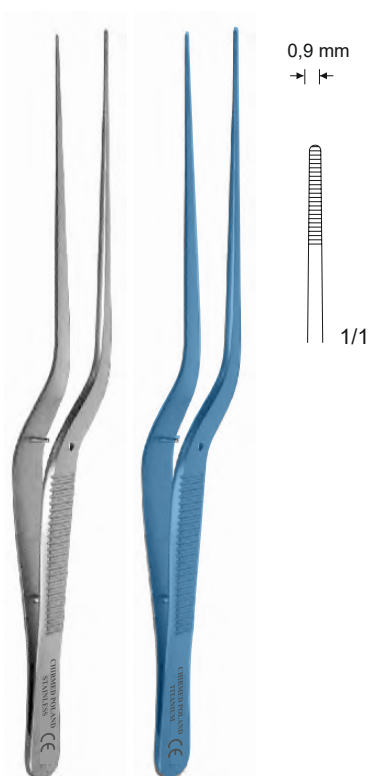
GRÜNWALD
LG 23 **LG 23/T**
200 mm (8")
TITANIUM



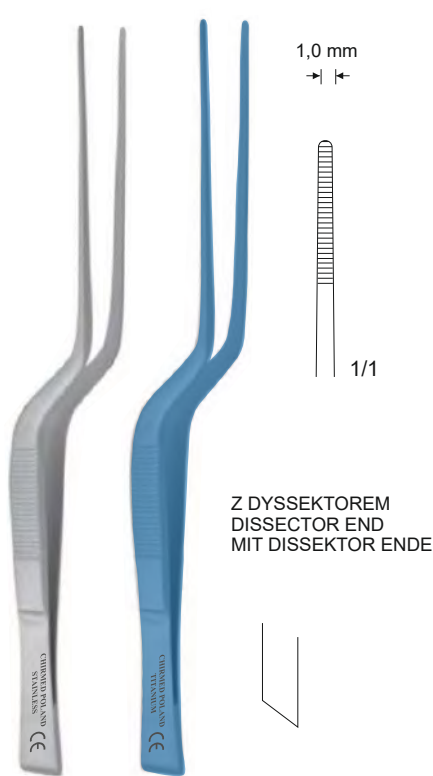
GRÜNWALD
LG 61 **LG 61/T**
200 mm (8")
TITANIUM



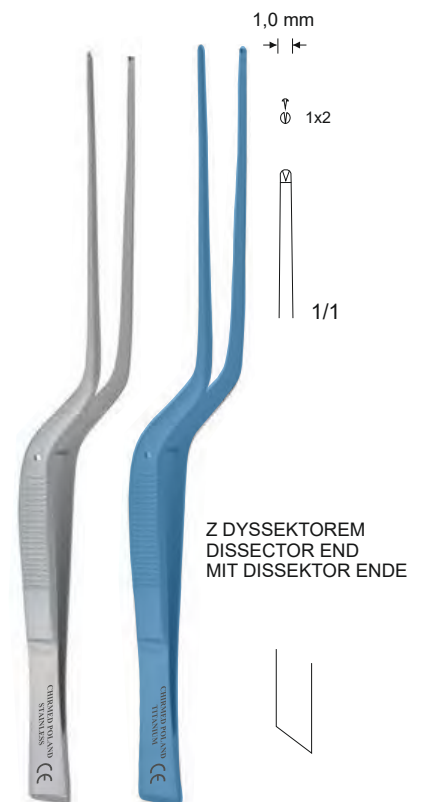
JANSEN
LG 22 **LG 22/T**
160 mm (6 1/4")
TITANIUM



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

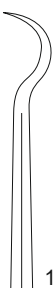
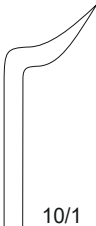


LG 18/1 **LG 18/1/T**
170 mm (6 3/4")
TITANIUM



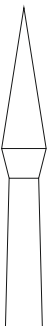
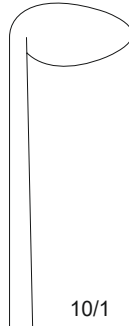
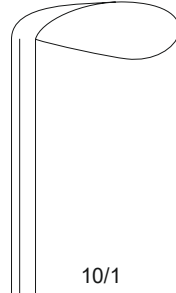
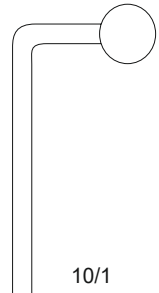
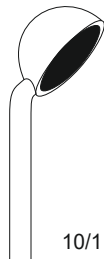
LG 18/2 **LG 18/2/T**
170 mm (6 3/4")
TITANIUM



						
LG 30 85 mm (3 3/8") Podważka odgięta w dół Elevator, angled downwards Hebel nach unten gebogen	LG 34 85 mm (3 3/8") Igła Needle Nadel	LG 35 85 mm (3 3/8") Haczyk odgięty w prawo Hook, angled right Haken nach rechts gebogen	LG 39 85 mm (3 3/8") Haczyk odgięty płaski górny Hook, flat, angled upwards Flachhaken nach oben gebogen	LG 41 85 mm (3 3/8") Haczyk odwrócony i odgięty górny Hook, retrograde curved upwards Haken oben umgekehrt	LG 43 85 mm (3 3/8") Podważka z nacięciem lewa Elevator, notched, left Hebel, links, gekerbt	LG 45 85 mm (3 3/8") Nóż łukowy górny Sickle knife, slightly curved, upwards Messer nach unten gebogen
LG 31 85 mm (3 3/8") Podważka odgięta do góry Elevator, angled upwards Hebel nach oben gebogen		LG 36 85 mm (3 3/8") Haczyk odgięty w lewo Hook, angled left Haken nach links gebogen	LG 40 85 mm (3 3/8") Haczyk odgięty płaski dolny Hook, flat, angled downwards Flachhaken nach unten gebogen	LG 42 85 mm (3 3/8") Haczyk odwrócony i odgięty dolny Hook, retrograde curved downwards Haken unten umgekehrt	LG 44 85 mm (3 3/8") Podważka z nacięciem prawa Elevator, notched, right Hebel, rechts, gekerbt	LG 46 85 mm (3 3/8") Nóż łukowy dolny Sickle knife, slightly curved, downwards Messer nach oben gebogen
LG 32 85 mm (3 3/8") Podważka odgięta w lewo Elevator, angled left Hebel nach links gebogen		LG 37 85 mm (3 3/8") Haczyk odgięty w górę Hook, angled upwards Haken nach oben gebogen				
LG 33 85 mm (3 3/8") Podważka odgięta w prawo Elevator, angled right Hebel nach rechts gebogen		LG 38 85 mm (3 3/8") Haczyk odgięty w dół Hook, angled downwards Haken nach unten gebogen				



LG 42
85 mm (3 3/8")

					
10/1	10/1	10/1	10/1	10/1	10/1
LG 47 85 mm (3 3/8") Nóż lancowy lewy Lancet knife, curved to the left Lanzettenmesser links	LG 49 85 mm (3 3/8") Nóż zaokrąglony górny 90° Round cutting knife, angled upwards 90° Oberrundschnittmesser, abgewinkelt 90°	LG 51 85 mm (3 3/8") Ubijak Hammer Hammer	LG 52 85 mm (3 3/8") Nóż płaski górny Knife, flat angled upwards Oberflachmesser	LG 54 85 mm (3 3/8") Zgłębnik odgięty w górę Excavator, angled upwards Explorer nach oben gebogen	LG 56 85 mm (3 3/8") Łyżka lekko odgięta górna Slightly curved upwards Oberer Löffel, leicht gebogen
LG 48 85 mm (3 3/8") Nóż lancowy prawy Lancet knife, curved to the right Lanzettenmesser rechts	LG 50 85 mm (3 3/8") Nóż zaokrąglony dolny 90° Round cutting knife, angled downwards 90° Unterrundschnittmesser, abgewinkelt 90°		LG 53 85 mm (3 3/8") Nóż płaski dolny Knife, flat angled downwards Unterflachmesser	LG 55 85 mm (3 3/8") Zgłębnik odgięty w dół Excavator, angled downwards Explorer nach unten gebogen	LG 57 85 mm (3 3/8") Łyżka lekko odgięta dolna Curette slightly curved downwards Unterer Löffel leicht gebogen
					LG 58 85 mm (3 3/8") Łyżka mocno odgięta górna Curette curved upwards Oberer Löffel, stark gebogen
					LG 59 85 mm (3 3/8") Łyżka mocno odgięta dolna Curette curved downwards Unterer Löffel, stark gebogen



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")

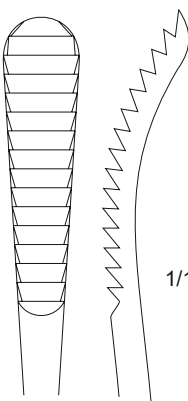


ST 8630-8632
Ø 1,6 mm

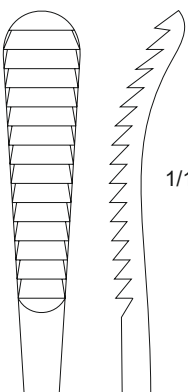
1/1



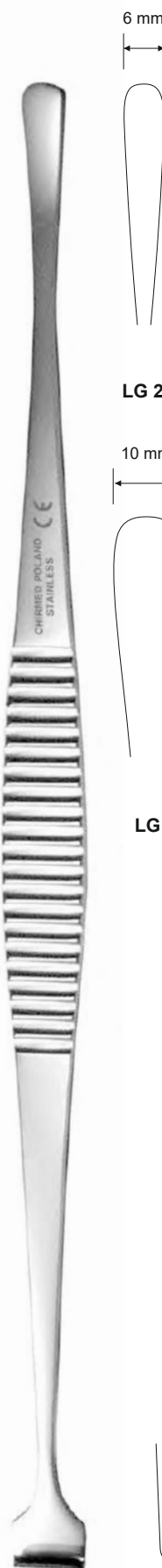
LG 28, LG 29
195 mm (7 3/5")



LG 28



LG 29



LG 20, LG 21
230 mm (9")



1/1

LG 20



1/1

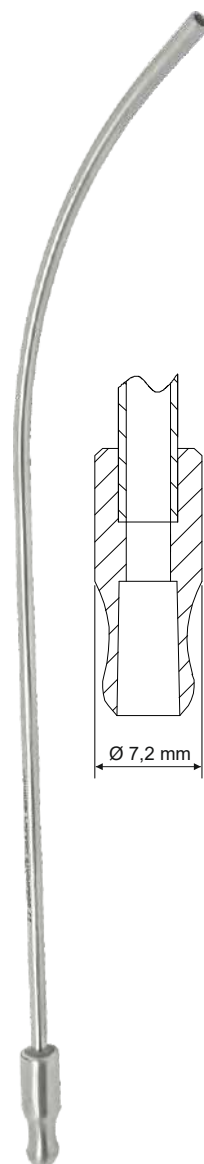
LG 21



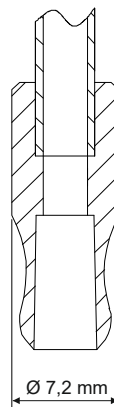
1/1



4,5 mm



LG 66
153 mm (6")



2/1

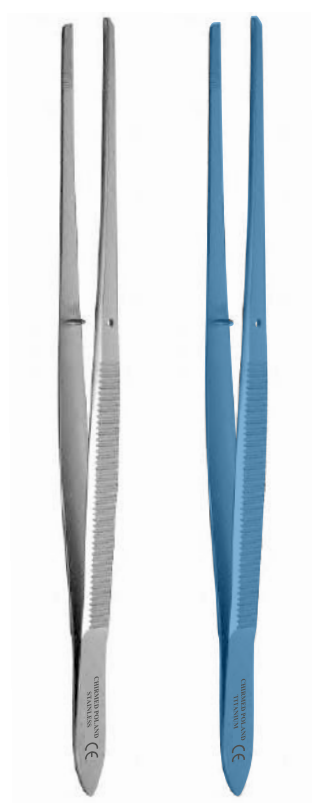
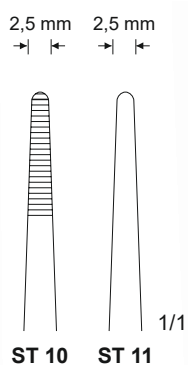
Ø 7,2 mm

CHIRMED[®]

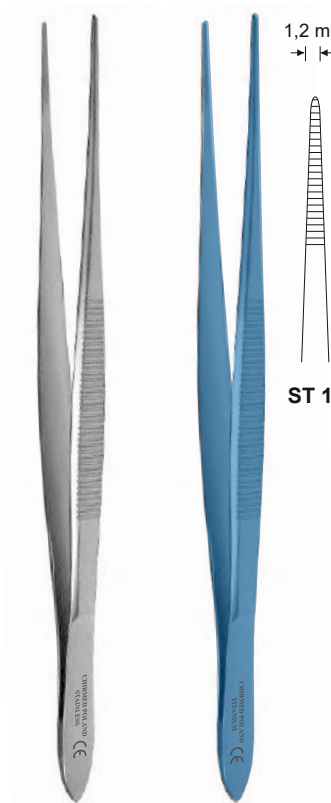
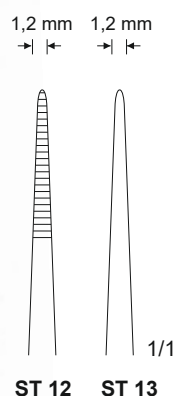
Stomatologia
Stomatology
Stomatologie



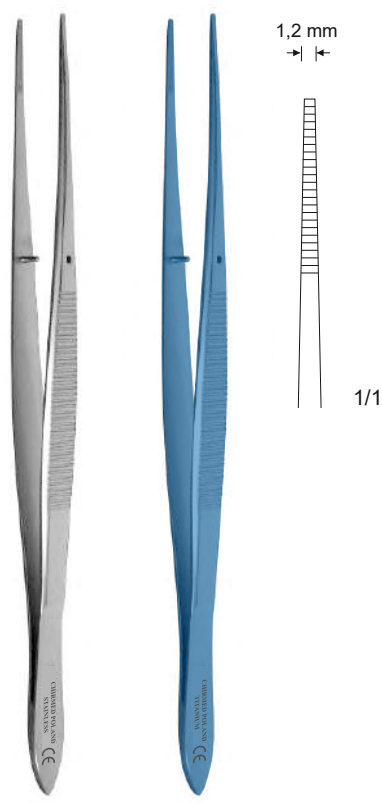
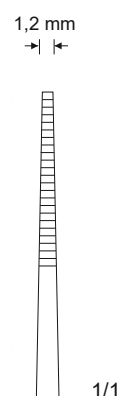
from IDEA to SOLUTION



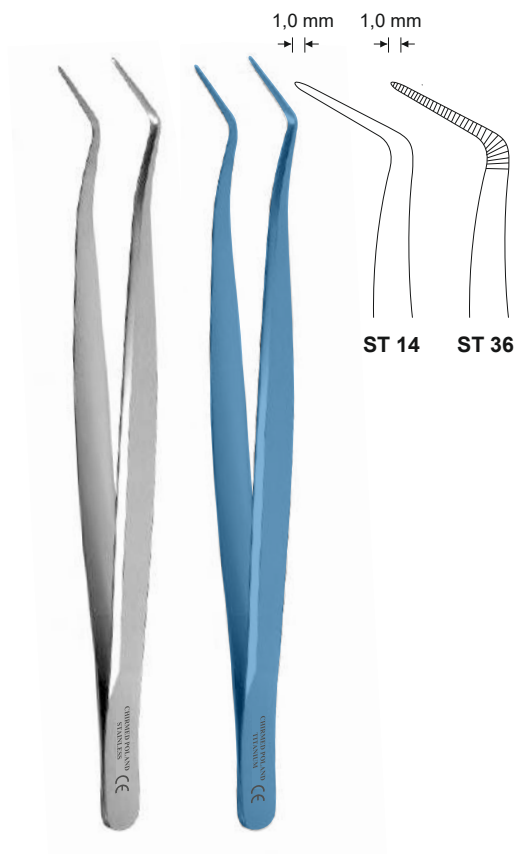
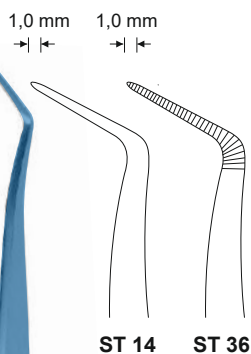
ST 10, ST 11 **ST 10/T, ST 11/T**
160 mm (6 1/4")
TITANIUM



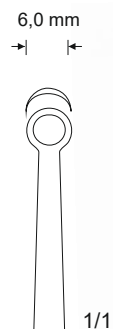
ST 12, ST 13 **ST 12/T, ST 13/T**
160 mm (6 1/4")
TITANIUM



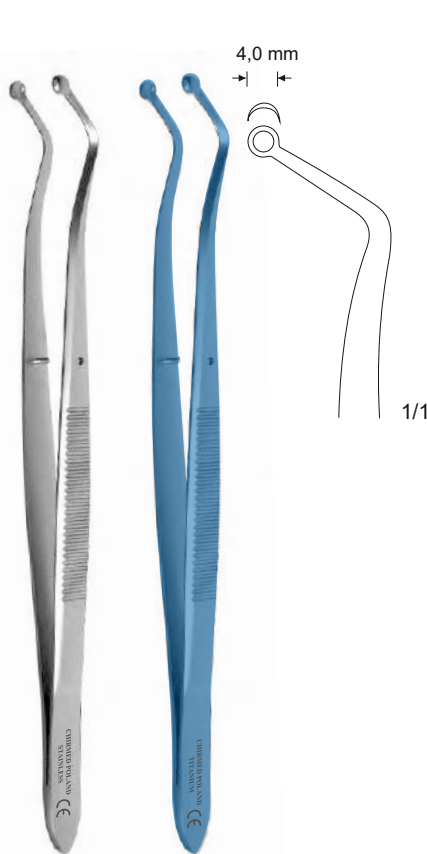
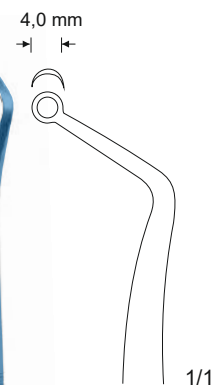
ST 76 **ST 76/T**
158 mm (6 1/4")
TITANIUM



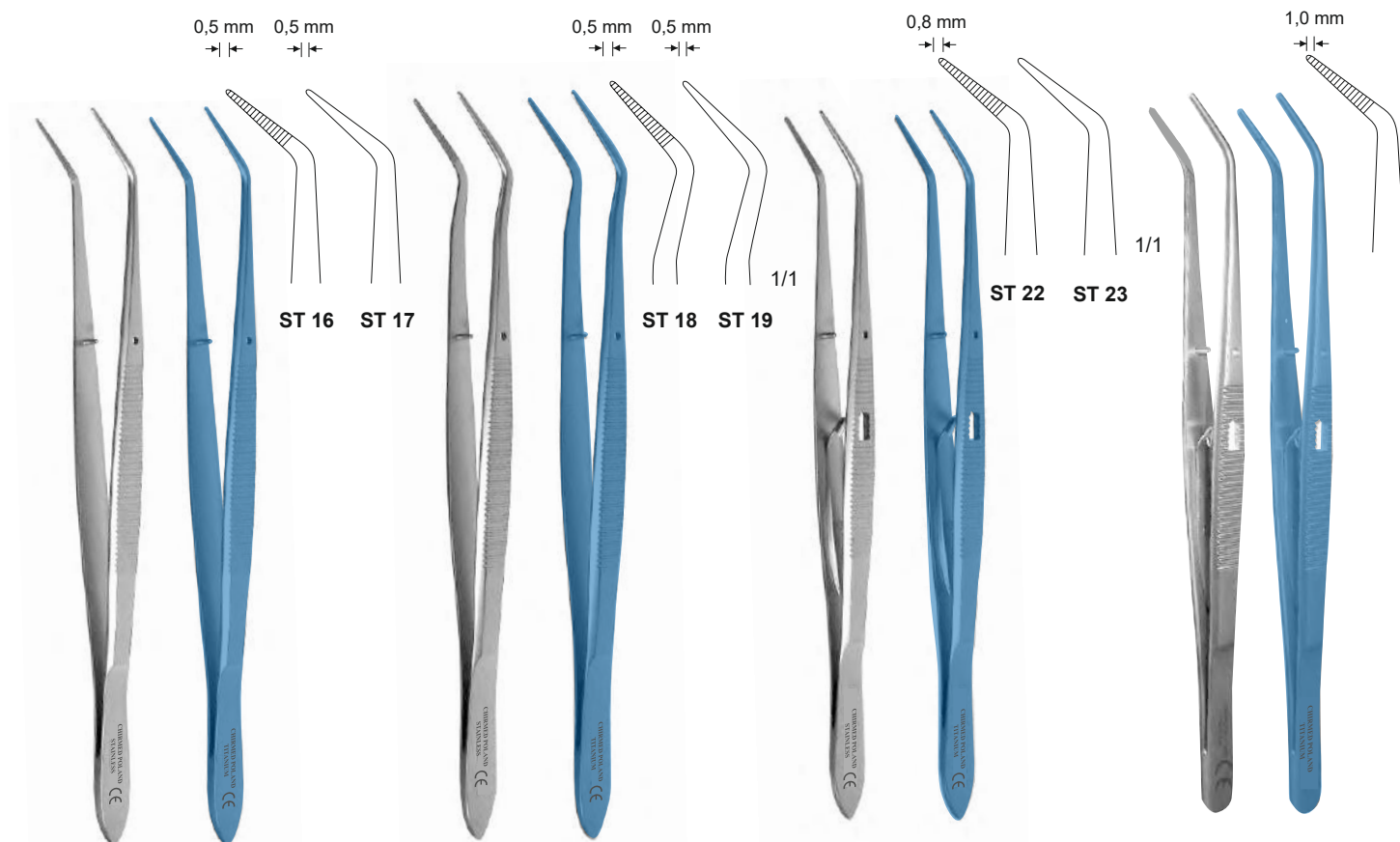
ST 14 **ST 14/T**
160 mm (6 1/4")
TITANIUM



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



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

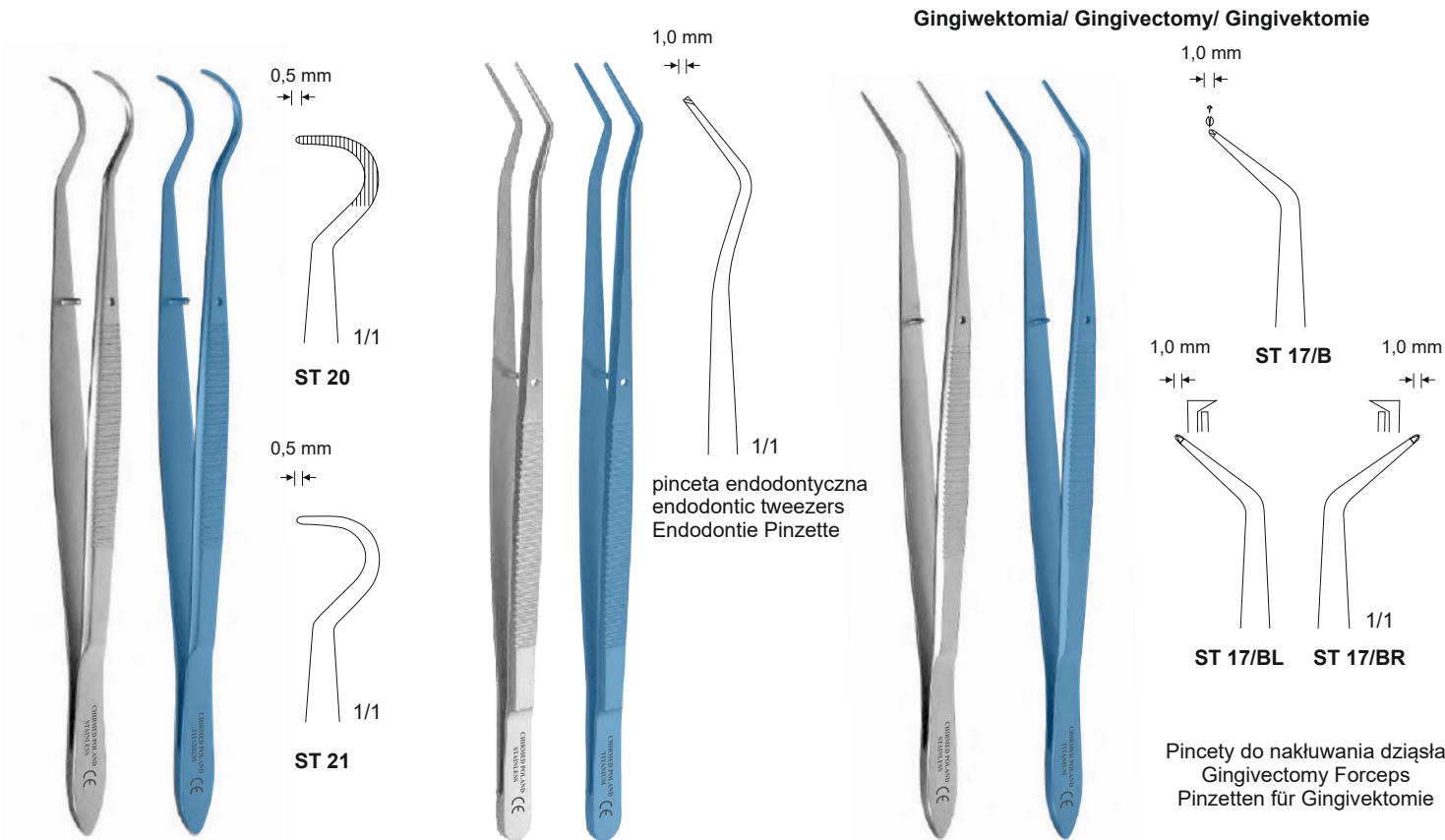


ST 16, ST 17 ST 16/T, ST 17/T
160 mm (6 1/4")
TITANIUM

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

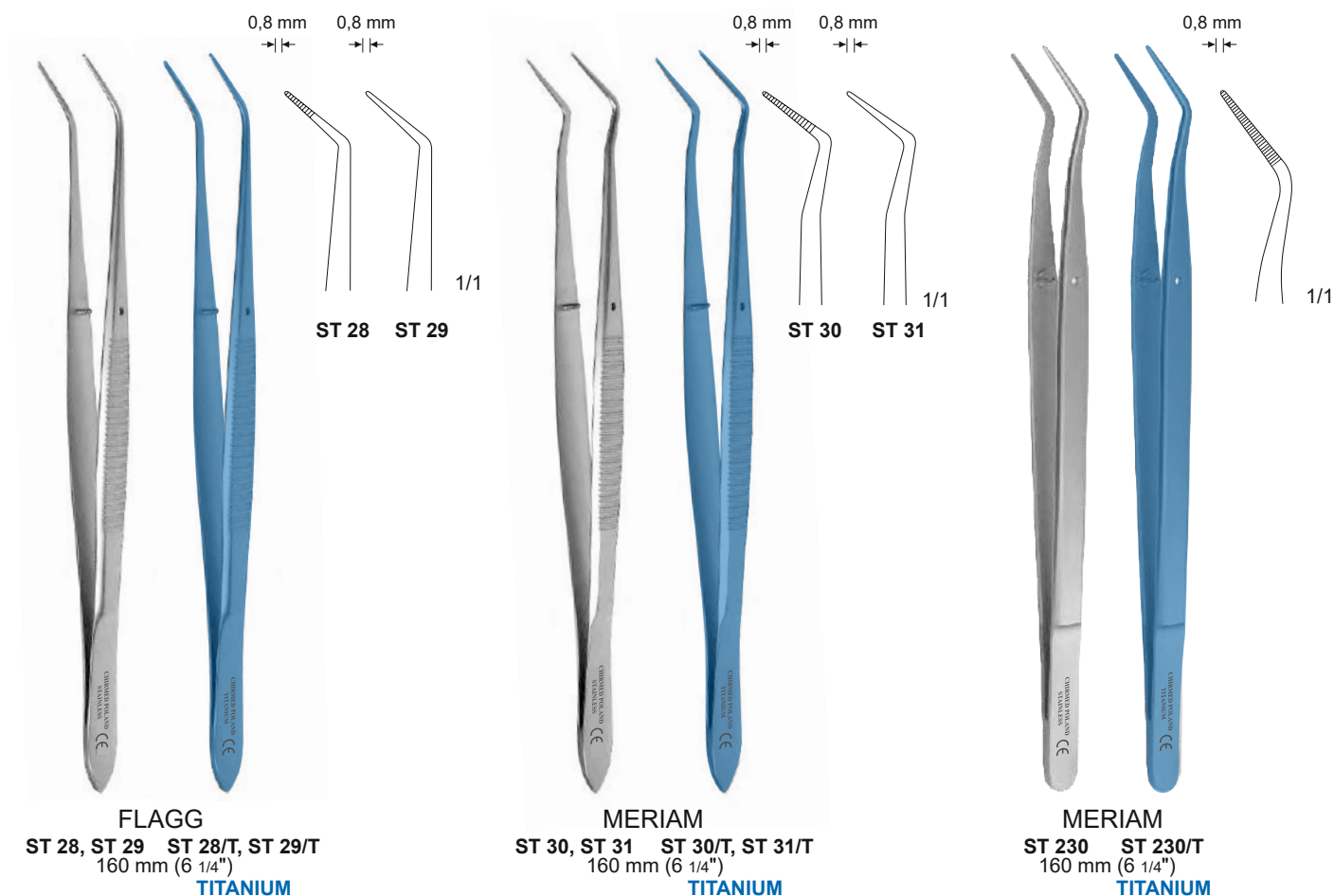


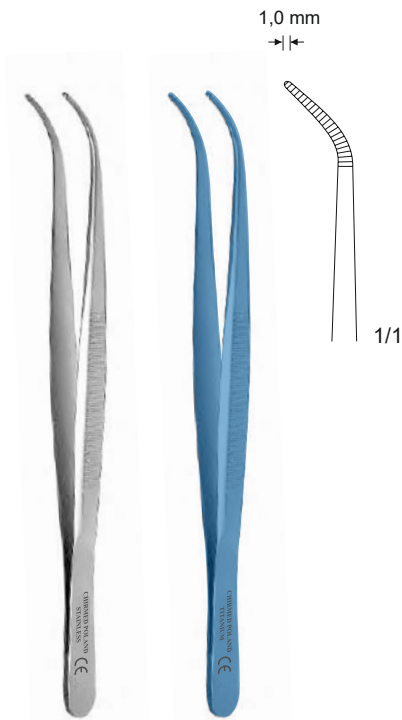
ST 20, ST 21 ST 20/T, ST 21/T
160 mm (6 1/4")
TITANIUM

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

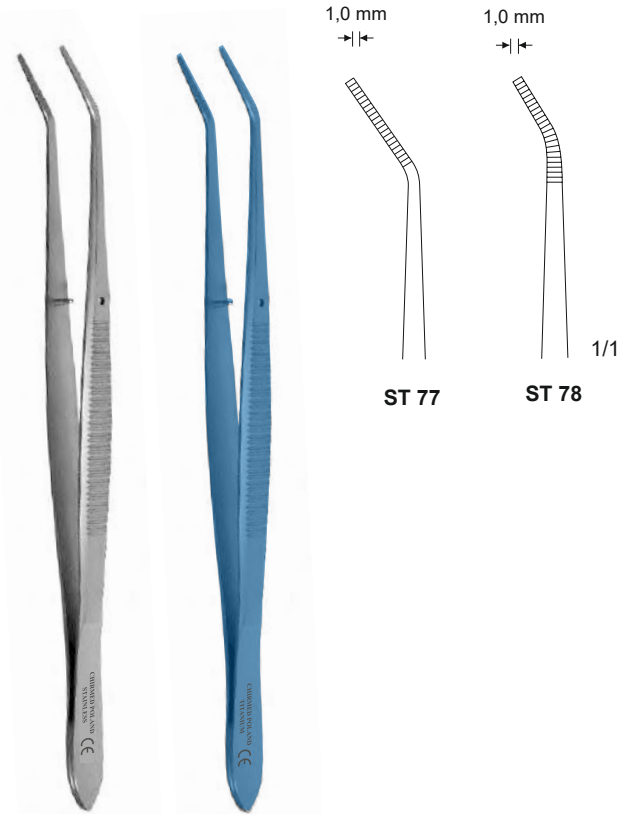
ST 17/B ST 17/B/T
160 mm (6 1/4")
TITANIUM

Pincety do nakłuwania dziąsła
Gingivectomy Forceps
Pinzetten für Gingivektomie

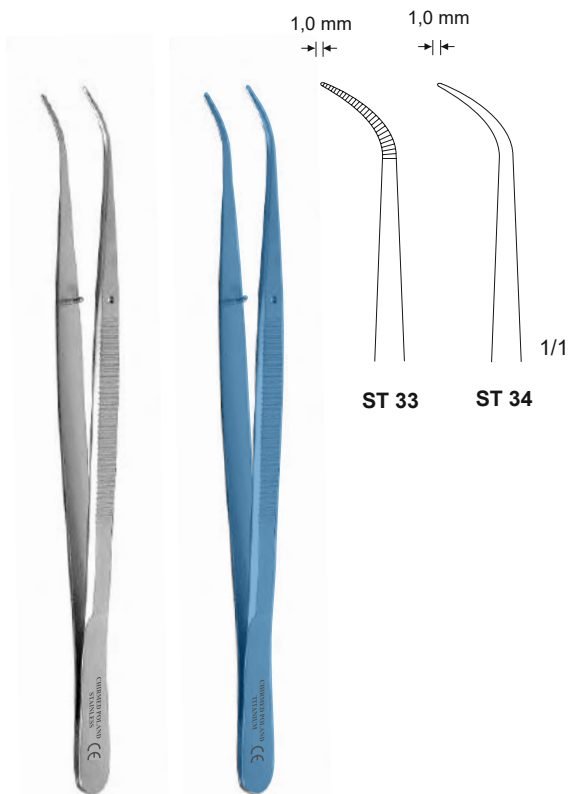




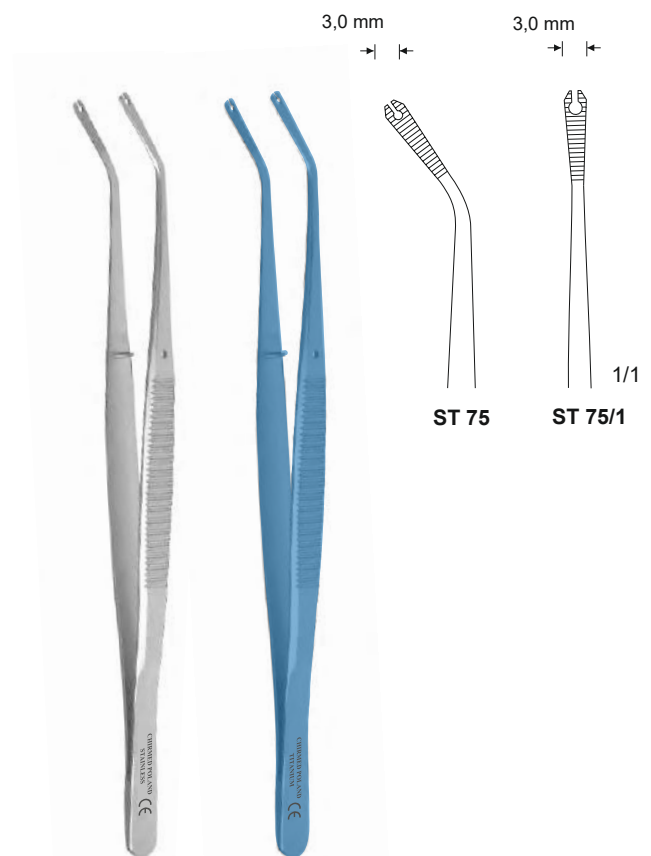
PERRY
ST 32 ST 32/T
130 mm (5 1/8")
TITANIUM



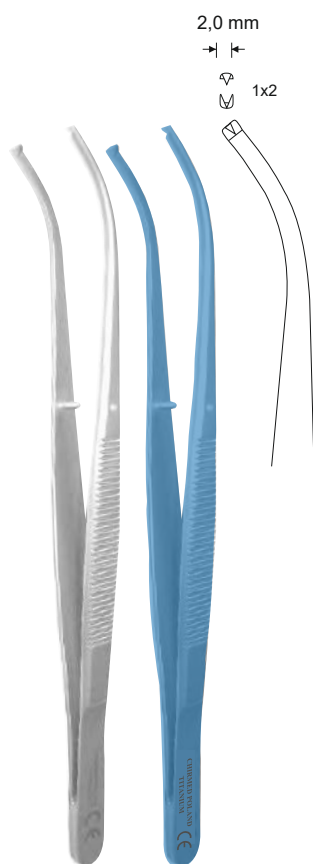
ST 77, ST 78 ST 77/T, ST 78/T
160 mm (6 1/4")
TITANIUM



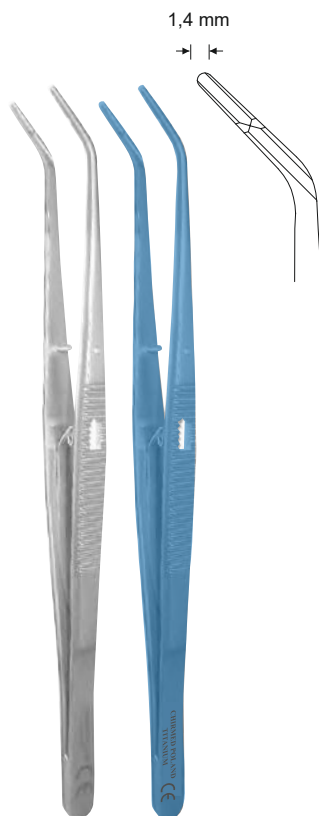
LONDON-COLLEGE
ST 33, ST 34 ST 33/T, ST 34/T
150 mm (6")
TITANIUM



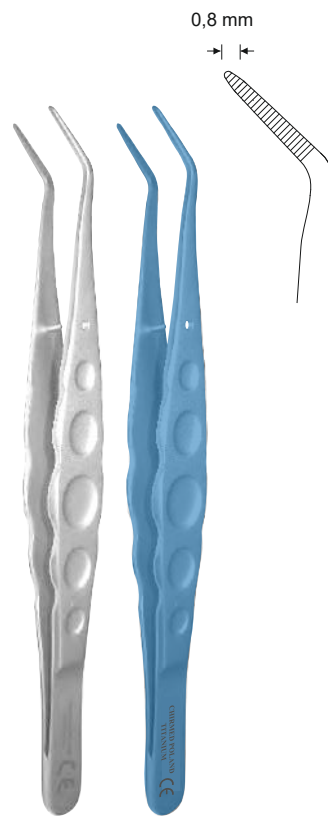
ST 75 ST 75/T
160 mm (6 1/4")
TITANIUM



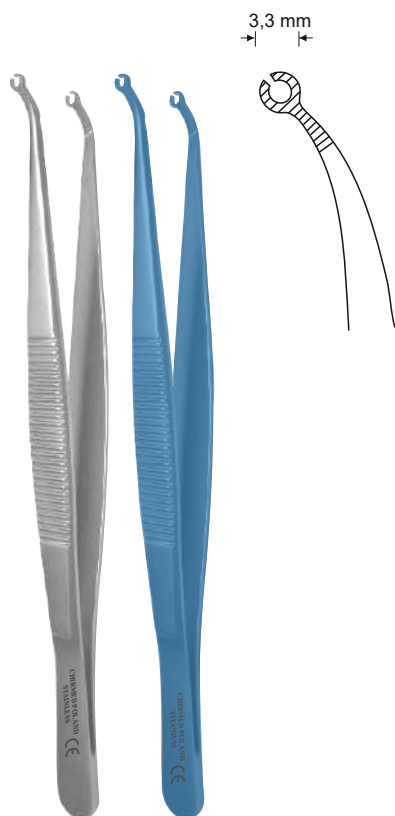
ST 240 ST 240/T
154 mm (6")
TITANIUM



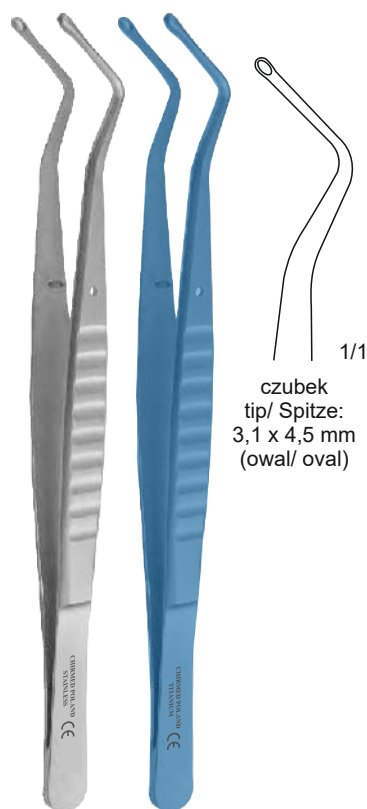
ST 242 ST 242/T
155 mm (6")
TITANIUM



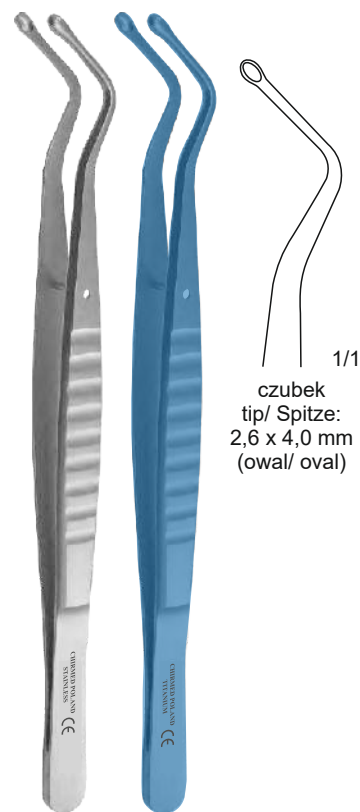
ST 243 ST 243/T
150 mm (6")
TITANIUM



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



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



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



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")



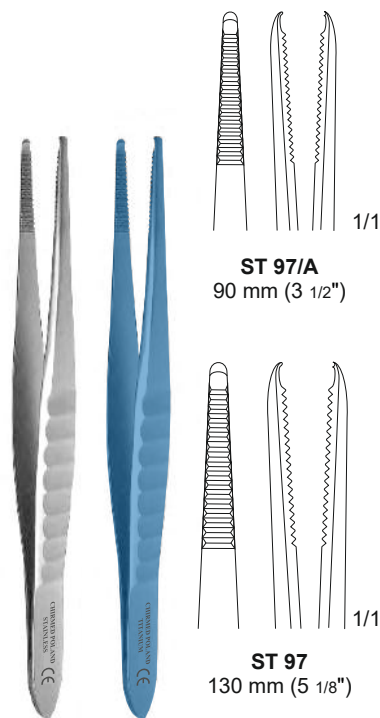
ST 221
130 mm (5")



ST 223
120 mm (4 3/4")



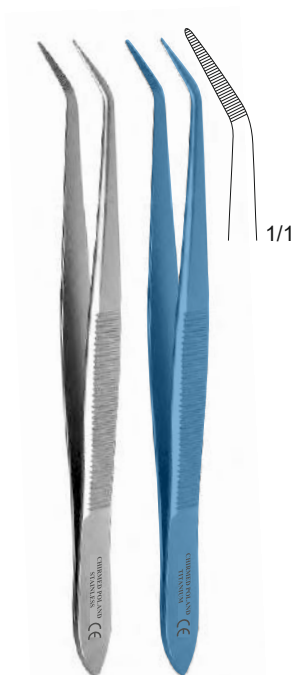
**MILLER
ST 87**
155 mm (6 1/8")



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

ST 97
130 mm (5 1/8")

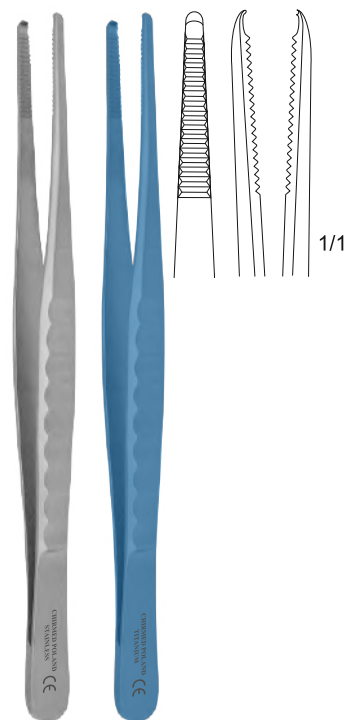
ST 97/A **ST 97/A/T**
ST 97 **ST 97/T**
TITANIUM



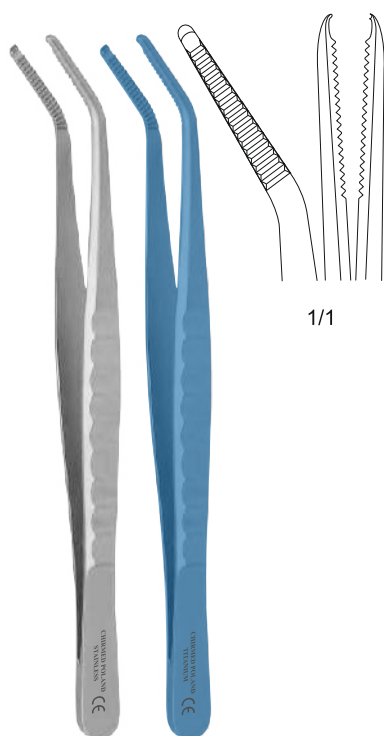
ST 98 **ST 98/T**
115 mm (4 1/2")
TITANIUM



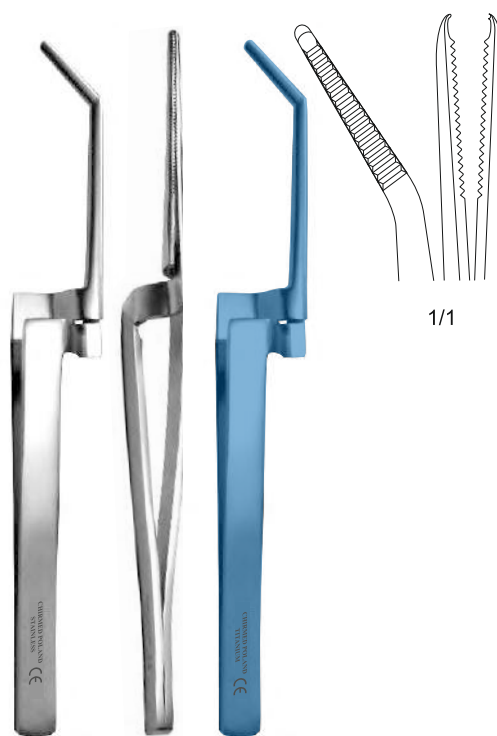
ST 99 **ST 99/T**
100 mm (4")
TITANIUM



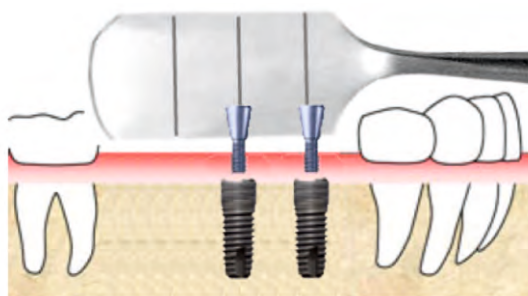
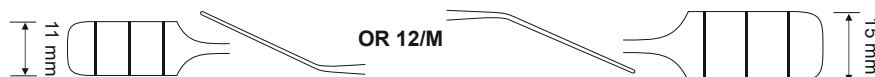
ST 101 **ST 101/T**
150 mm (6")
TITANIUM



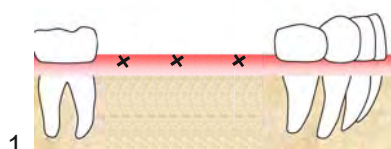
ST 102 **ST 102/T**
150 mm (6")
TITANIUM



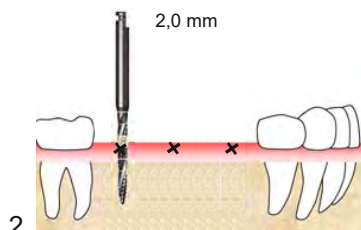
ST 106 **ST 106/T**
150 mm (6")
TITANIUM



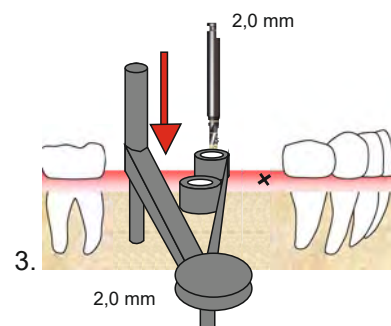
IM 10
MOD. dr B. ZIELIŃSKI



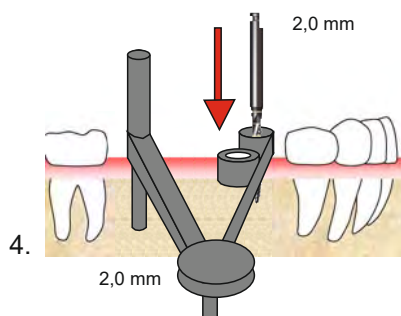
1.



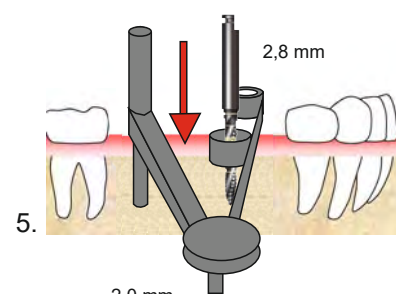
2.



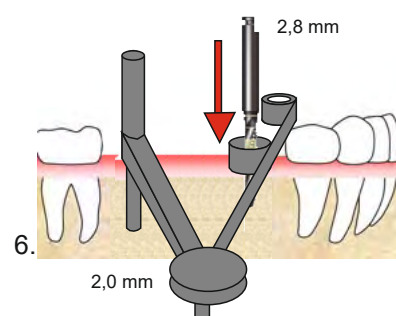
3.



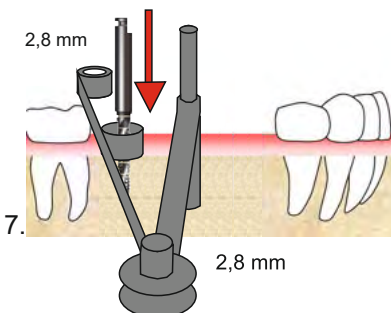
4.



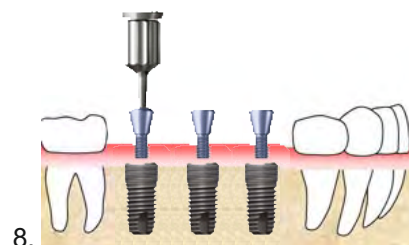
5.



6.



7.



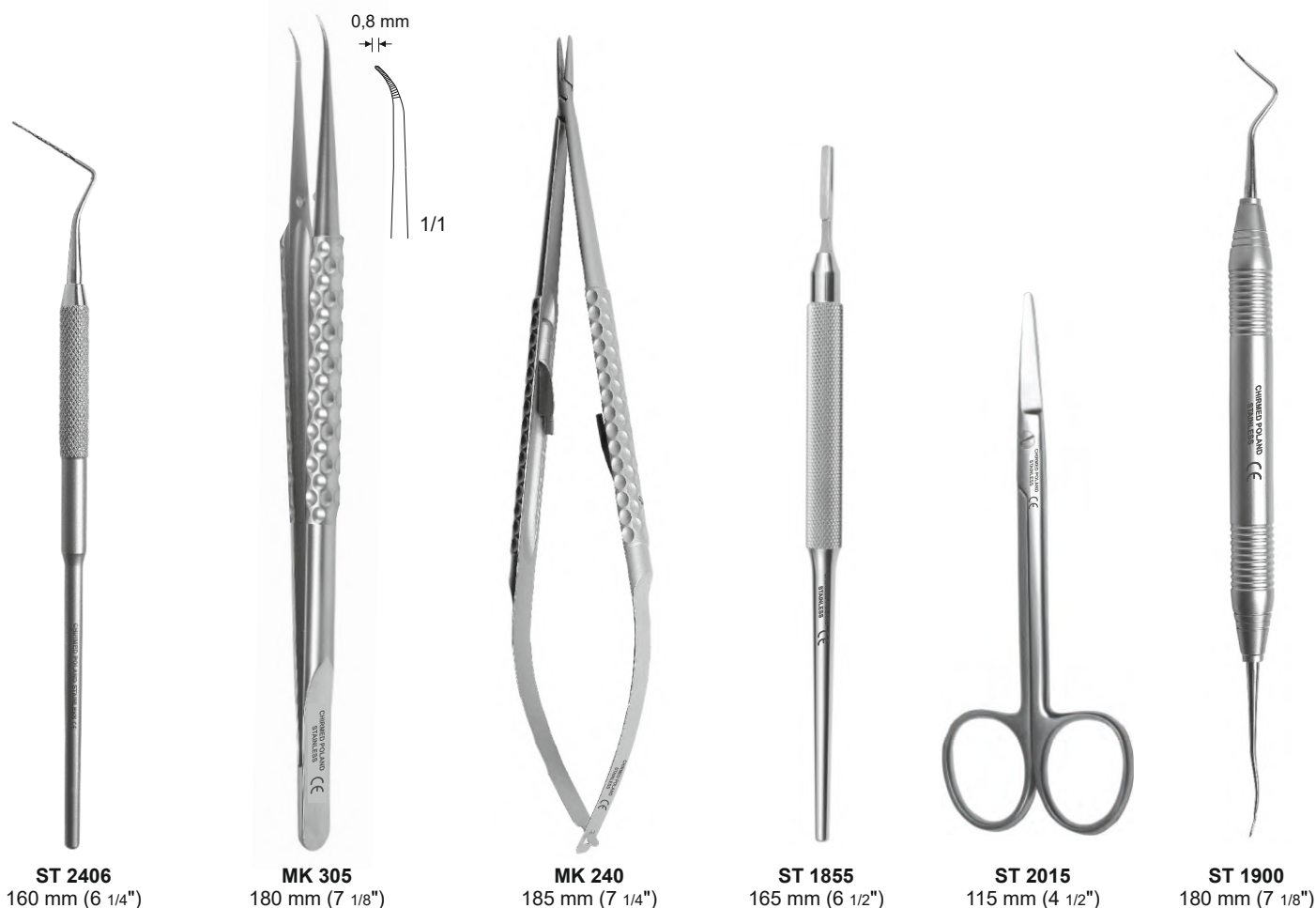
8.



9.

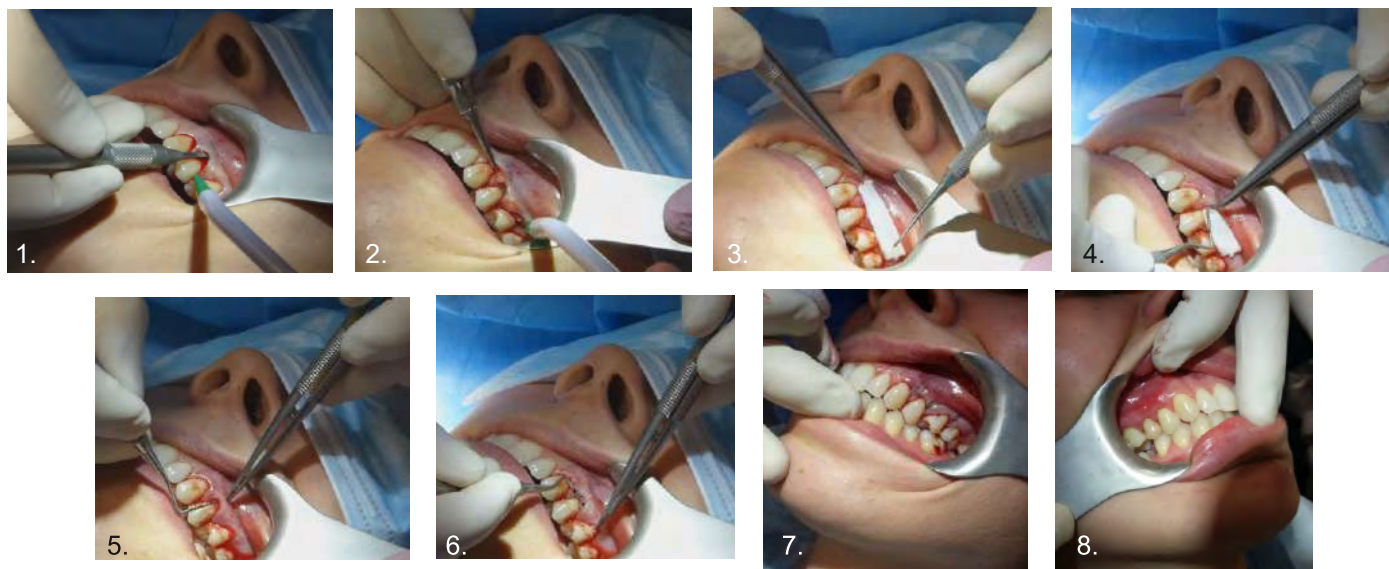
1. Zaznaczamy otwory pod implanty.
2. Nawiercamy otwory wiertłem pilotującym o średnicy 2,0 mm.
3. 4. Wkładamy cieńszy bolec w otwór o średnicy 2,0 mm i odmierzamy odległość kolejnego wszczepu. Nawiercamy otwór wiertłem pilotującym o średnicy 2,0 mm powielając czynność do wszystkich otworów.
5. 6. Rozwiercamy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

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



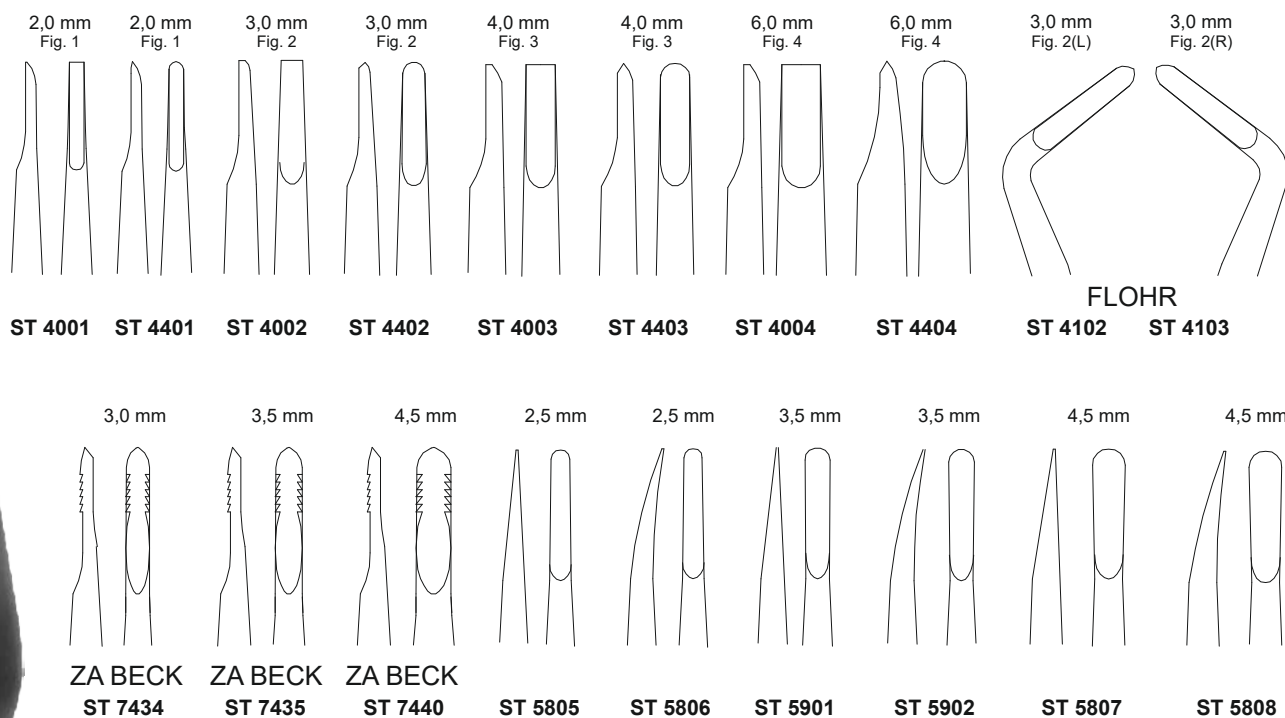
Zabieg metodą tunelową z wykorzystaniem tkanki allogennej powieży szerokiej uda wykonywany specjalnymi narzędziami zaprojektowanymi we współpracy z Prof. Dominiak i Dr Żurek
The tunneling treatment method using allogenic fascia lata tissue, performed with special Instruments designed in cooperation with 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.

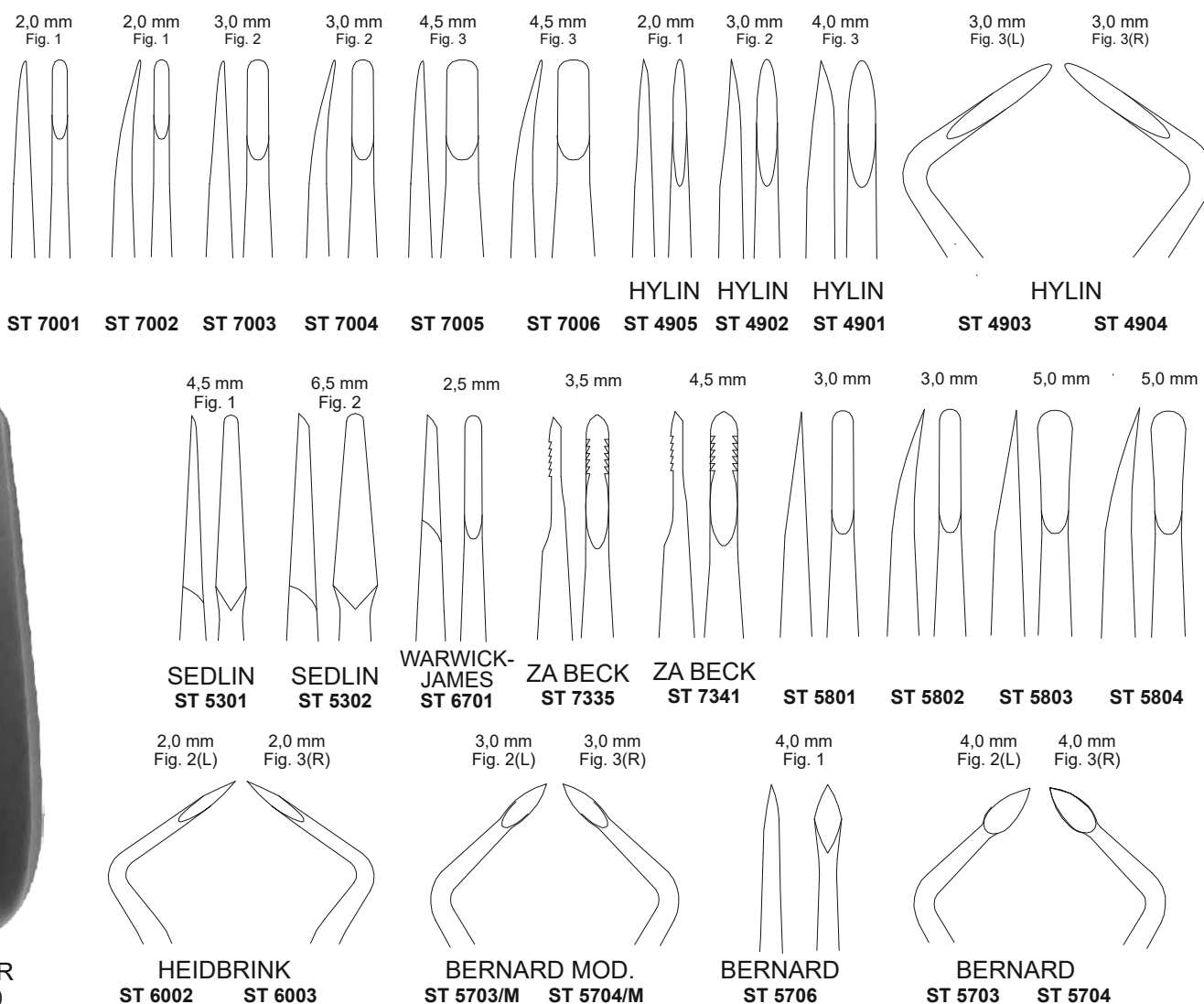


1. W obrębie zębów 24 i 25 po stronie lewej będą pokrywane recesje klasy I wg. Millera. Wykonując cięcie rowkowe za pomocą mikro skalpela zaczynamy tworzyć płat rozszczepiony (śluzówkowy).
2. Specjalnym narzędziem preparujemy tunel pod brodawkami dziąsłowymi oraz sprawdzamy przy jego użyciu światło tunelu, tak aby materiał allogenny mógł łatwo wprowadzić pod brodawkami w obrębie zębów 24 do 25.
3. Przy mierzymy materiał, który uprzednio docięliśmy mierząc go sondą periodontologiczną kalibrowaną co 1 mm na odpowiednią wysokość i szerokość.
4. Wprowadzamy materiał w wypreparowany tunel.
- 5-6. Umieszczamy przeszczep w odpowiednim miejscu za pomocą sondy oraz specjalnej pincety mikrochirurgicznej.
7. Przy użyciu autorskiego szycia fiksujemy tkankę 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.



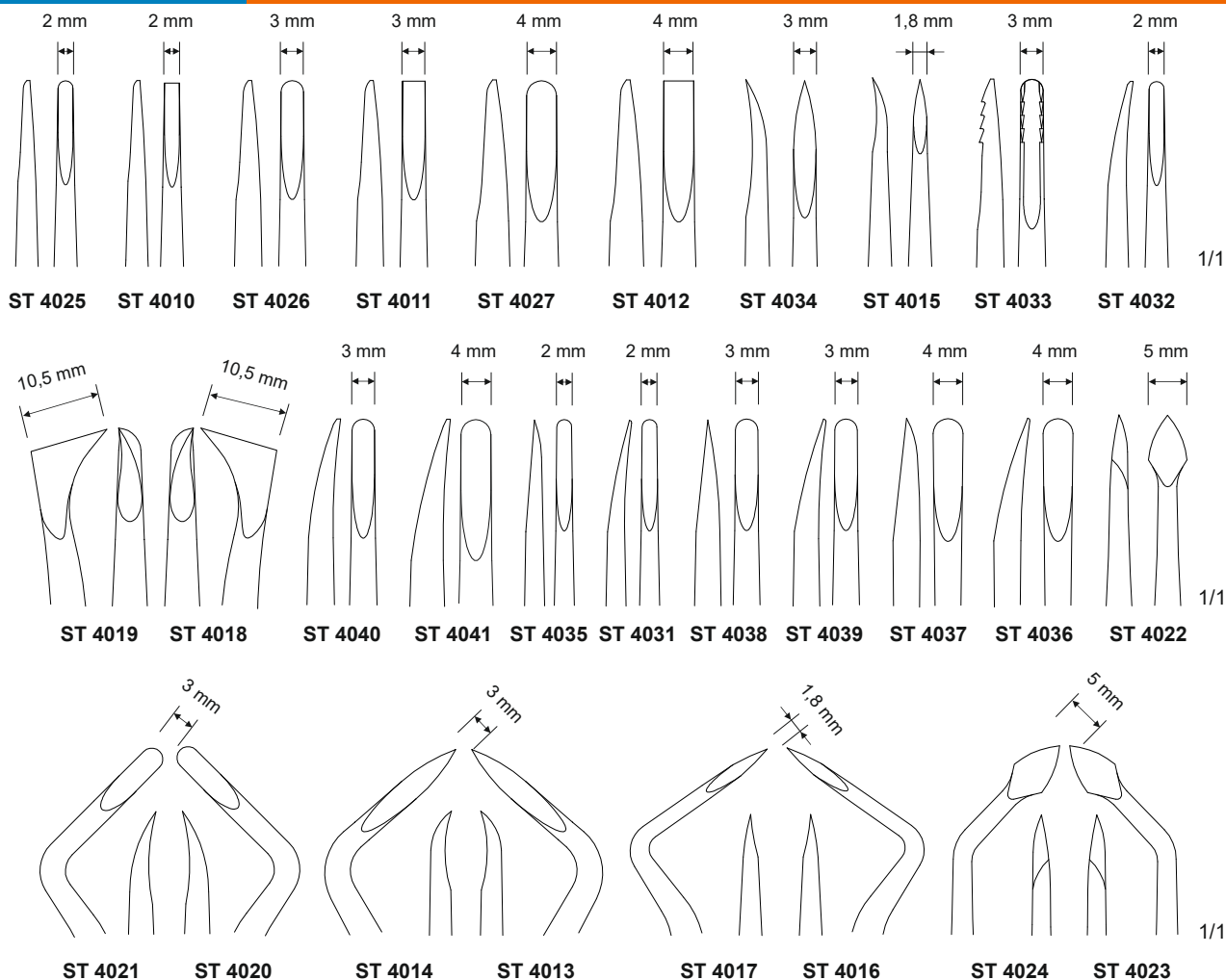
BEIN
130 mm (5")



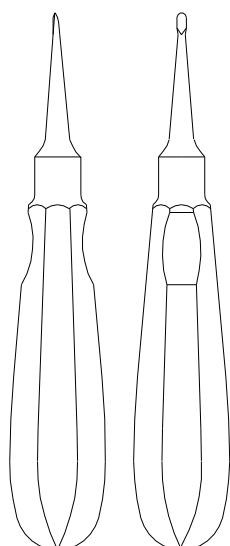
LUKSATOR
155 mm (6")



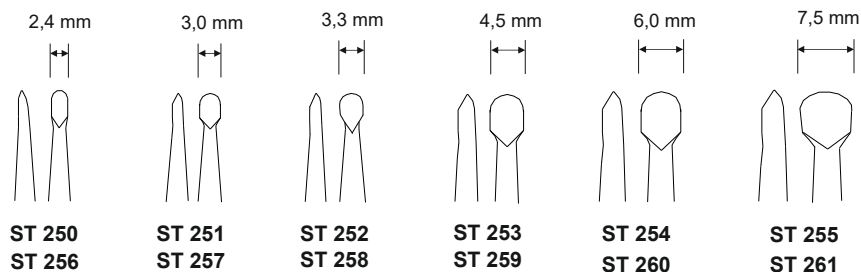
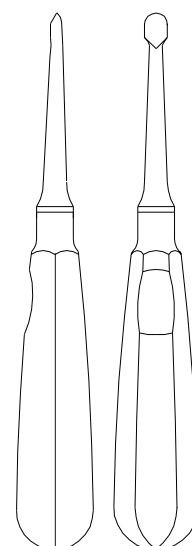
PREMIUM
151 mm (6")



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



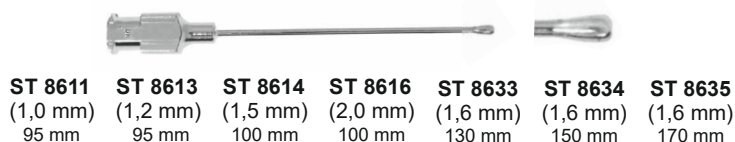
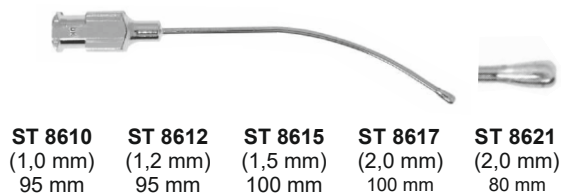
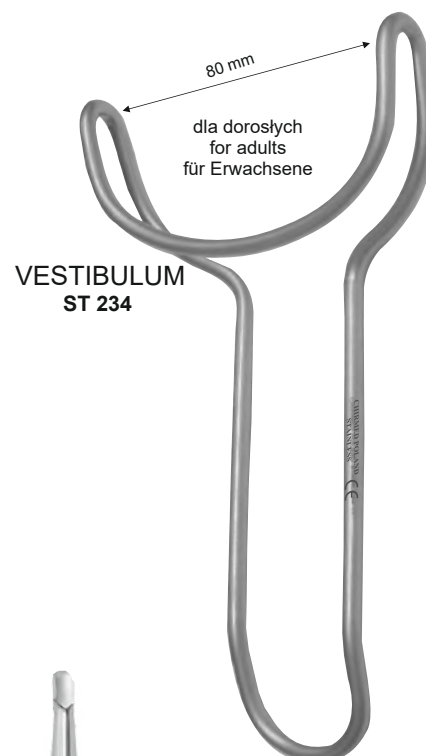
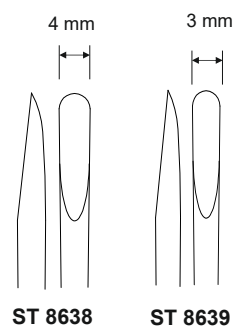
ST 250
(ST 250 - ST 255)

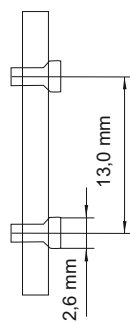


ST 260
(ST 256 - ST 261)

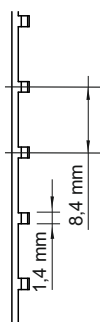


WINGED
ST 260
140 mm (5 1/2")

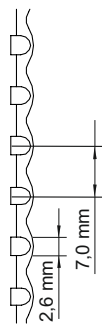




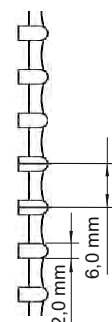
ST 40 - ST 45



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



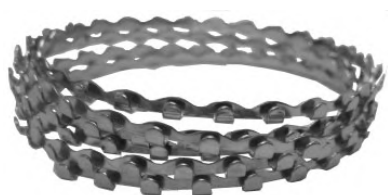
ST 45/16
150 mm



ST 45/20
140 mm



ST 45/24
155 mm



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. langlenght

Stabilizacja i unieruchamianie złamań szczęki, stabilizacja uszkodzonych zębów
Stabilization and immobilization of jaw fractures, stabilization of damaged teeth

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

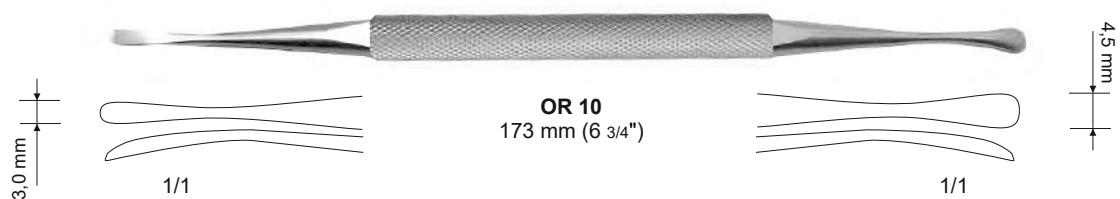
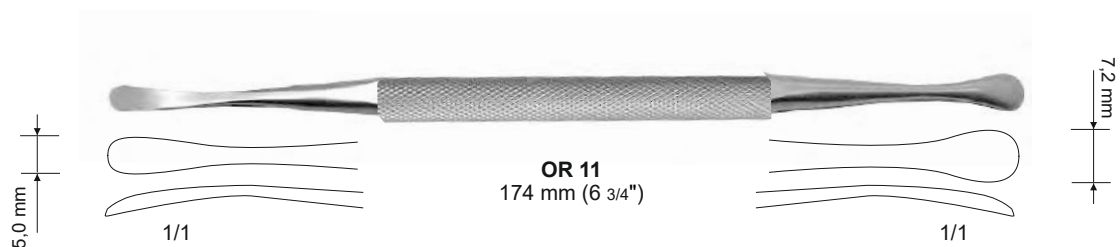
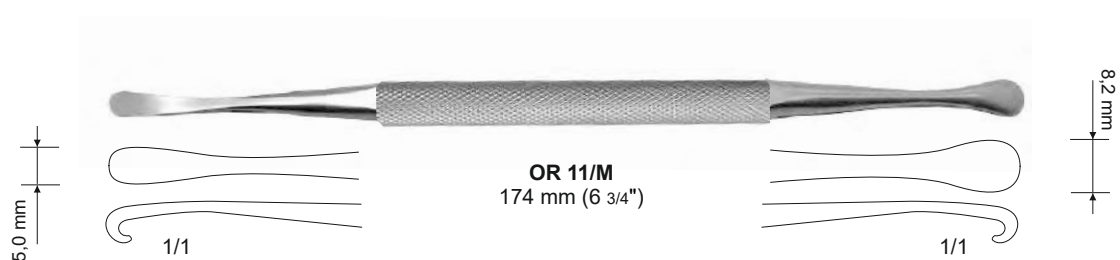
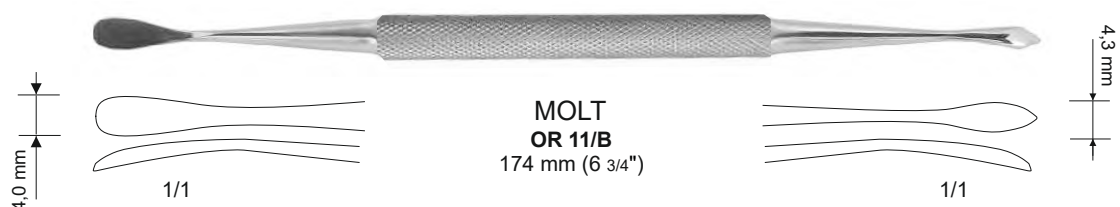
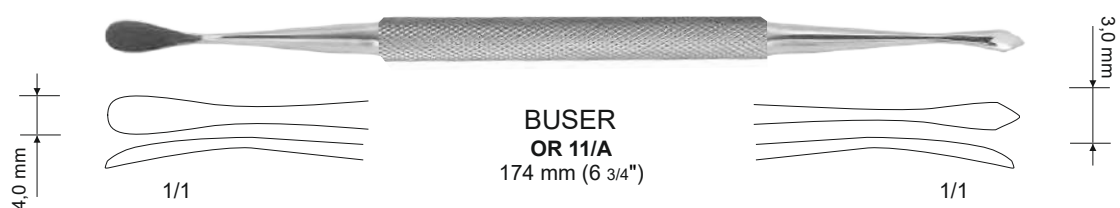
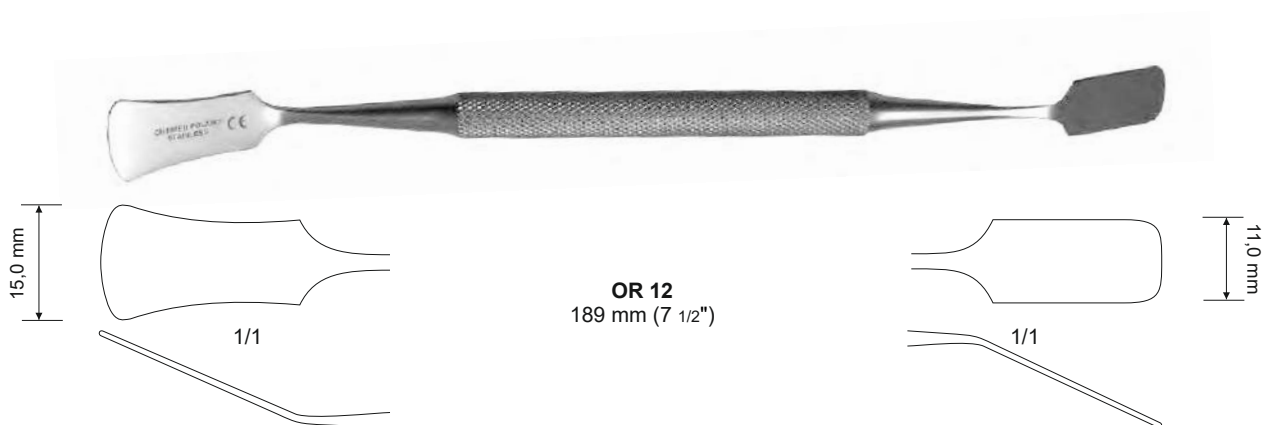


ST 52 - ST 60, ST 66 - ST 74



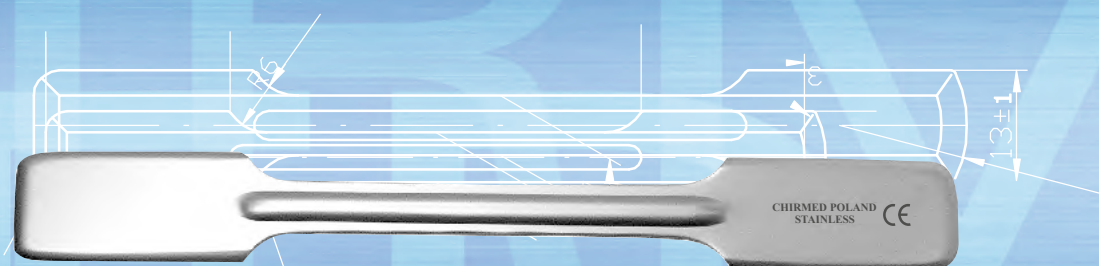
ST 47 - ST 51, ST 61 - ST 65

Średnica Diametr Durchmesser	Numer katalogowy Catalogue Numbers Katalognummer	
	Twardy Hard Hart	Miękki Soft Weich
mm		
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



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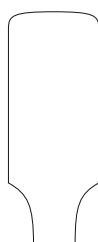
Narzędzia diagnostyczne i laboratoryjne
Diagnostic and Laboratory Instruments
Diagnostic und Labor - Instrumente



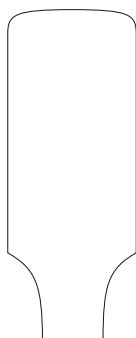
from IDEA to SOLUTION



NL 10
110 mm (4 3/8")



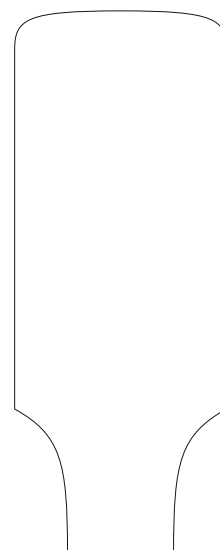
NL 11
160 mm (6 1/4")



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")



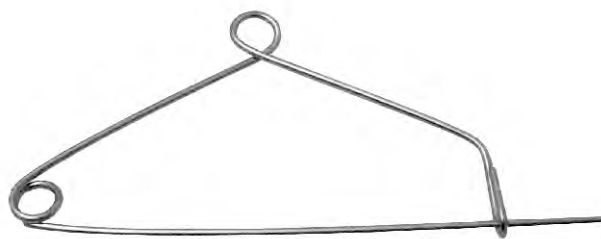
NL 17
110 mm (4 3/8")



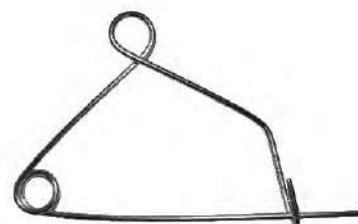
NL 18
145 mm (5 3/8")



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	Długość Length (in) Länge
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")



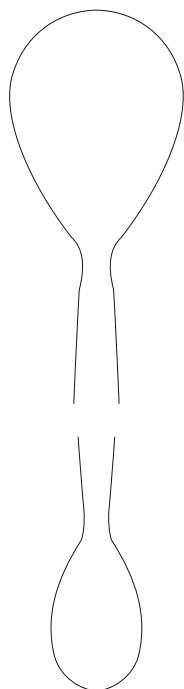
NL 21
180 mm (7")
NL 22
210 mm (8 4/5")



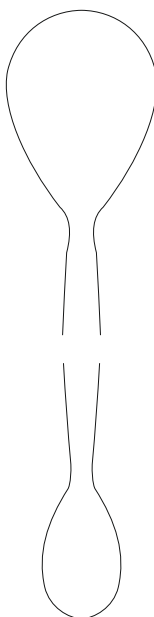
NL 23
120 mm (4 3/4")
NL 24
160 mm (6 1/4")



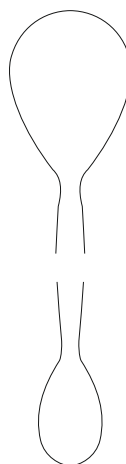
NL 25
180 mm (7")
NL 26
210 mm (8 4/5")



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



from IDEA to SOLUTION

Mały zestaw chirurgiczny Basic Surgical Set

Kod narzędzia Catalogue Number Katalognummer	Ilość sztuk Quantity Menge
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
A CO 212	1
B ST 2071	1
C MK 77	1
D  CO 530	1
E KD 40	1
F KD 41	1
G CO 244	2
H CO 245	2



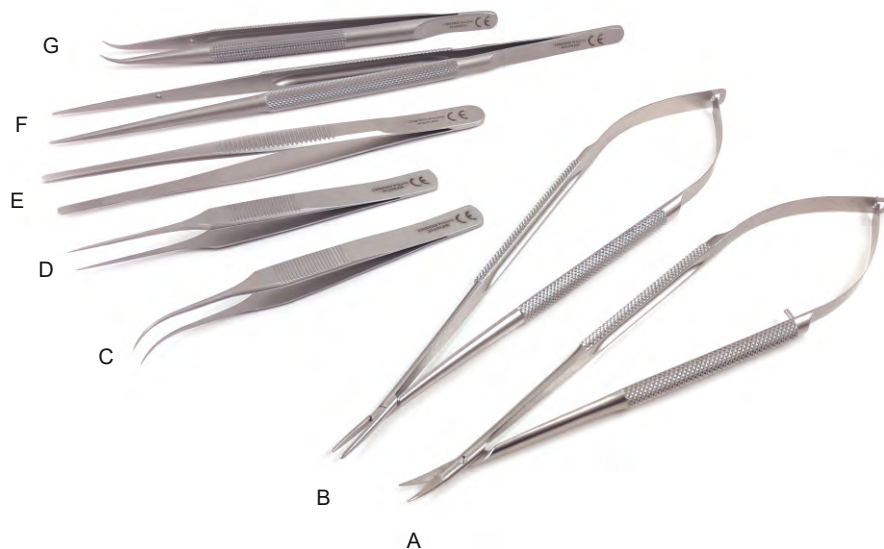
Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbide-Beschichtungen

Standardowy Zestaw do szwów Basic Suture Set

Kod narzędzia Catalogue Number Katalognummer	Ilość sztuk Quantity Menge
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

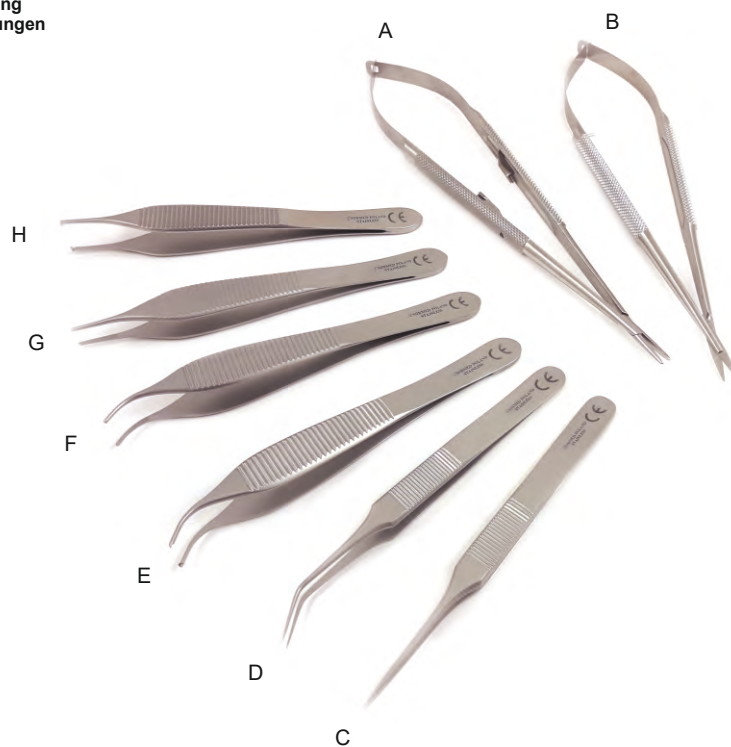


Kod narzędzia Catalogue Number Katalognummer	Ilość sztuk Quantity Menge
C MK 46	1
D MK 45	1
G MK 61	1
F MK 345	1
E CO 13	1
A MK 317	1
B MK 78	1



Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbid-Beschichtungen

Podstawowy zestaw do mikrochirurgii Basic Microsurgery Set



Kod narzędzia Catalogue Number Katalognummer	Ilość sztuk Quantity Menge
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

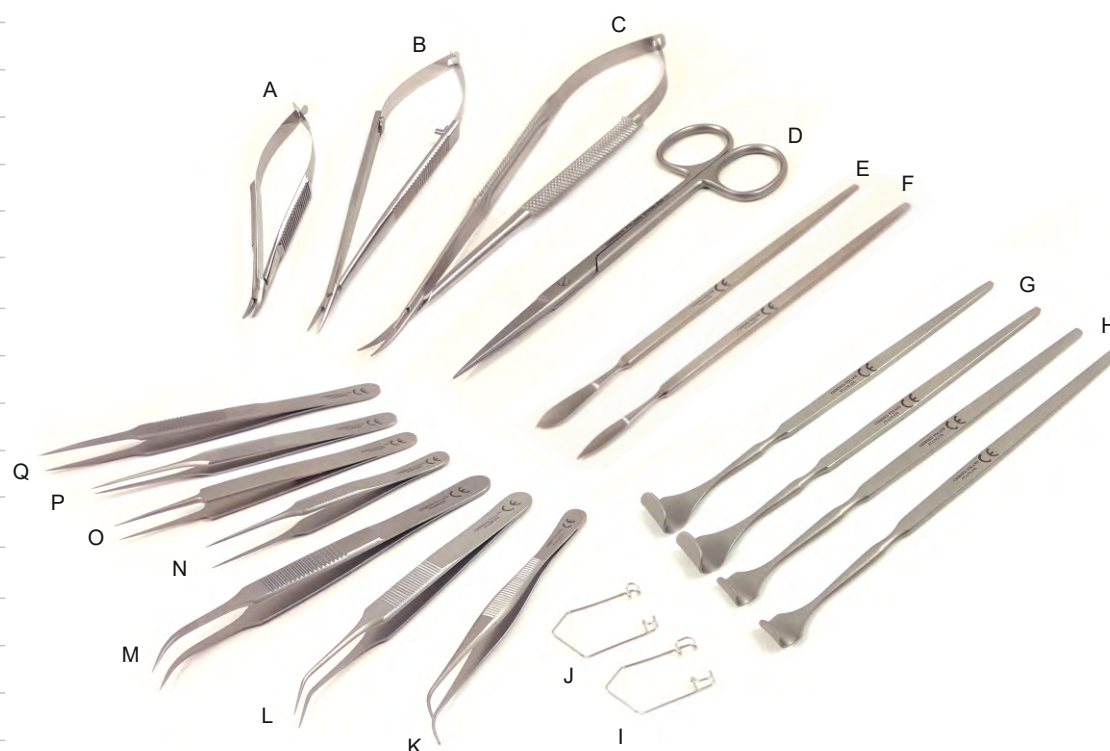
Kod narzędzia Catalogue Number Katalognummer	Ilość sztuk Quantity Menge
L MK 12	1
M MK 13	1
K MK 58	1
J MK 59	1
I MK 70	1
H  MK 70/A	1
B MK 99	1
P MK 26	1
O MK 56	1
Q MK 27	1
N MK 40	1
D MK 317	1
C MK 211	1
E  MK 82	1
F  MK 77	1
A CO 530	1



Powłoka z węgla wolframu
Tungsten Carbide Coating
Wolframcarbide-Beschichtungen

Zestaw do Chirurgii Oka Eye Surgery Set

Kod narzędzia Catalogue Number Katalognummer	Ilość sztuk Quantity Menge
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
- igłotrzymacze
- 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 użytkowania 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

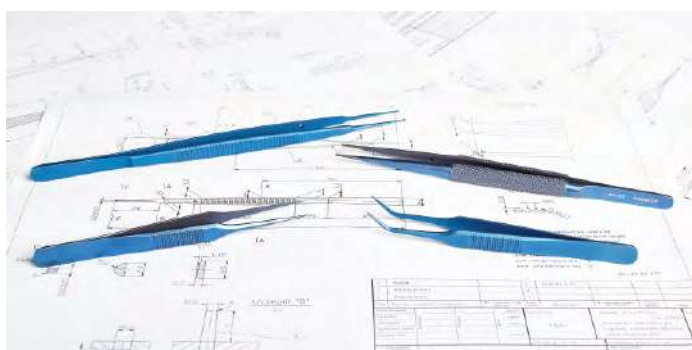
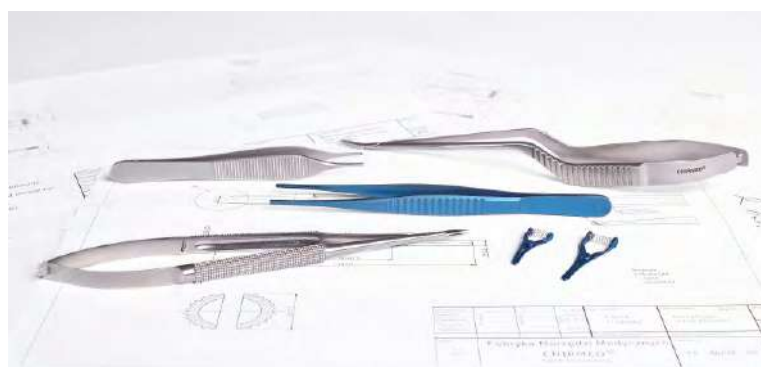


Usługi B&R

- 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

A-Z 0-9

from IDEA to SOLUTION



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