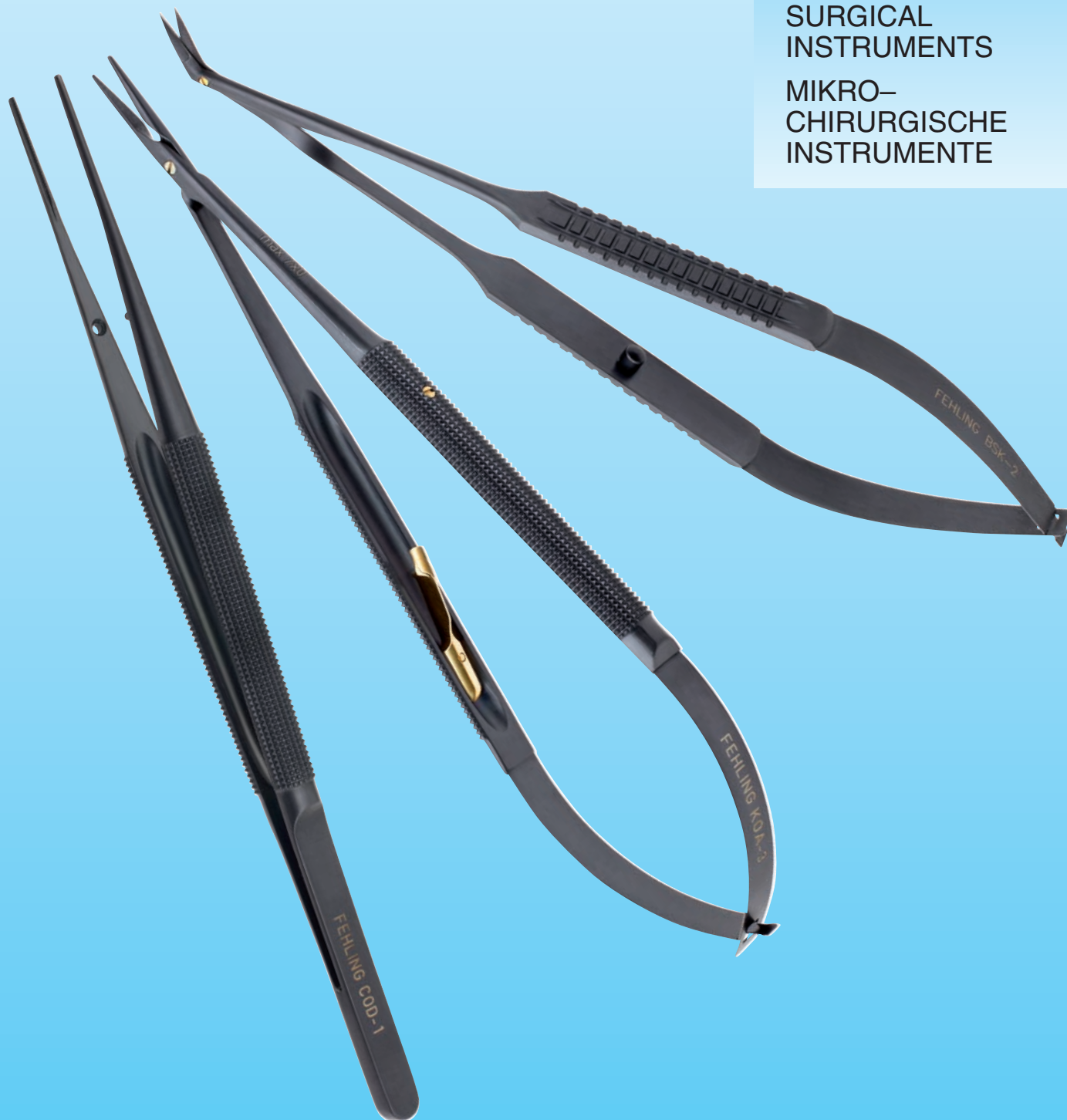


FEHLING...

... THE DIFFERENCE



1

CERAMO®

MICRO
SURGICAL
INSTRUMENTS

MIKRO-
CHIRURGISCHE
INSTRUMENTE

FEHLING INSTRUMENTS

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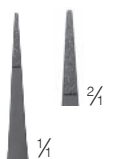
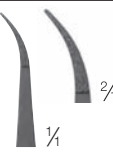
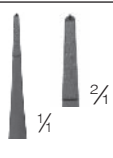
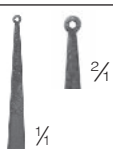
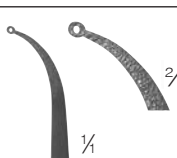
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CERAMO® RONDO



	JAW WIDTH MAUL BREITE	TOTAL LENGTH / GESAMTLÄNGE					
		120 mm	150 mm	180 mm	210 mm	230 mm	250 mm
 MICRO ROUGH MIKRORAU	0,15 mm		COV-6				
	0,3 mm	COV-8	COV-2	COV-4			
	0,5 mm	COA-0	COA-3	COA-4	COA-5	COA-6	
	0,7 mm		COC-1	COC-2	COC-3	COC-4	
	1,0 mm	COX-9	COY-5 COY-1	COY-6 COY-2	COY-7 COY-3	COY-8 COY-4	COY-9
 MICRO ROUGH MIKRORAU	0,15 mm		COV-5				
	0,3 mm	COV-7	COV-1	COV-3			
	0,5 mm	COE-0	COE-1	COE-2	COE-3	COE-4	
 1 x 2 TEETH 1 x 2 ZÄHNE	0,35 mm		COS-1	COS-2	COS-3	COS-4	
	0,7 mm		COX-1	COX-2	COX-3	COX-4	
 MICRO ROUGH MIKRORAU	1,0 mm		COB-7 COF-7	COB-1 COF-1	COB-3 COF-3	COB-5 COF-5	COB-9
	2,0 mm		COB-8 COF-8	COB-2 COF-2	COB-4 COF-4	COB-6 COF-6	
 MICRO ROUGH MIKRORAU	1,0 mm			COA-7	COX-7		
	2,0 mm			COA-8	COX-8		
 NON-TRAUMATIC ATRAUMATISCH	1,2 mm		COD-0 COD-7	COD-1 COD-4	COD-2 COD-5	COD-3 COD-6	COF-0
	1,5 mm			COE-5	COD-9	COE-7	
	1,8 mm			COE-9	COE-6	COE-8	
 NON-TRAUMATIC ATRAUMATISCH	1,2 mm			COC-6	COD-8		
 BOULITO VALVE KLAPPE	1,0 mm			COS-0			
	1,5 mm			COS-7	COS-8	COR-0	

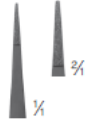
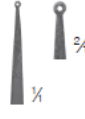
CERAMO® RONDO TORLOCK®

MICRO FORCEPS MIKROPINZETTE

TOR – Torsion | LOCK – Stop

The purpose of TORLOCK® mechanism is to guide the forceps earlier to ensure parallel closing of the working ends as well as to prevent overthrowing of the jaws during rotation when forceps is closed. TORLOCK® mechanism consist of tongue and groove at the distal end of branch

Der Zweck des TORLOCK® Mechanismus ist es die Pinzette frühzeitig zu führen, um das parallele Schließen der Arbeitsenden sicherzustellen sowie beim Drehen der Pinzette im geschlossenen Zustand das Überwerfen der Maulteile zu verhindern. Der TORLOCK® Mechanismus besteht aus einer Feder und einer Nut am distalen Ende des Griffs.

	JAW WIDTH MAUL BREITE	TOTAL LENGTH / GESAMTLÄNGE					
		120 mm	150 mm	180 mm	210mm	230 mm	250 mm
 MICRO ROUGH MIKRORAU	0,15 mm		COV-6T				
	0,3 mm	COV-8T	COV-2T	COV-4T			
	0,5 mm	COA-0T	COA-3T	COA-4T	COA-5T	COA-6T	COA-9T
	0,7 mm		COC-1T	COC-2T	COC-3T	COC-4T	
	1,0 mm	COX-9T	COY-5T COY-1T	COY-6T COY-2T	COY-7T COY-3T	COY-8T COY-4T	COY-9T
	1,2 mm			CZA-4T			
	1,5 mm		CZA-6T				
 MICRO ROUGH MIKRORAU	0,15 mm		COV-5T				
	0,3 mm	COV-7T	COV-1T	COV-3T			
	0,5 mm	COE-0T	COE-1T	COE-2T	COE-3T	COE-4T	
 1 x 2 TEETH 1 x 2 ZÄHNE	0,35 mm		COS-1T	COS-2T	COS-3T	COS-4T	
	0,7 mm		COX-1T	COX-2T	COX-3T	COX-4T	
 MICRO ROUGH MIKRORAU	1,0 mm		COB-7T COF-7T	COB-1T COF-1T	COB-3T COF-3T	COB-5T COF-5T	COB-9T
	2,0 mm		COB-8T COF-8T	COB-2T COF-2T	COB-4T COF-4T	COB-6T COF-6T	
 MICRO ROUGH MIKRORAU	1,0 mm			COA-7T	COX-7T		
	1,2 mm				COH-9T		
	2,0 mm			COA-8T	COX-8T		

2/3

TITAN



	JAW WIDTH MAUL BREITE	TOTAL LENGTH / GESAMTLÄNGE					
		120 mm	150 mm	180 mm	210mm	230 mm	250 mm
 NON-TRAUMATIC ATRAUMATISCH	1,2 mm		COD-0T COD-7T	COD-1T COD-4T	COD-2T COD-5T	COD-3T COD-6T	COF-0T
	1,5 mm			COE-5T	COD-9T	COE-7T	
	1,8 mm			COE-9T	COE-6T	COE-8T	
	2,5 mm				COV-0T		
 NON-TRAUMATIC ATRAUMATISCH	1,2 mm			COC-6T	COD-8T		
 BOULITO VALVE KLAPPE	1,0 mm			COS-0T			
	1,5 mm			COS-7T	COS-8T	COR-0T	
	2,5 mm				COV-0T		

Developed in cooperation with / Entwickelt in Zusammenarbeit mit:

Prof. Dr. med. Alexander Assmann
Universitätsklinikum Düsseldorf | Klinik für Herzchirurgie
Moorenstr. 5 | 40225 Düsseldorf | Germany

 TITAN

2/3

CERAMO® PLANO



	JAW WIDTH MAUL BREITE	TOTAL LENGTH / GESAMTLÄNGE			
		150 mm	180 mm	210 mm	230 mm
 MICRO ROUGH MIKRORAU	1,0 mm	COG-6	COG-7	COG-8	COG-9
 1x2 TEETH 1x2 ZÄHNE	0,7 mm	COJ-4	COJ-5	COJ-6	COJ-7
 MICRO ROUGH MIKRORAU	1,0 mm	COH-0	COI-9 COJ-1	COJ-2	
 NON-TRAUMATIC ATRAUMATISCH	1,2 mm	COL-1 COL-5	COL-2 COL-6	COL-3 COL-7	COL-4 COL-8

TITANIUM
TITAN

CERAMO® PLANO-S



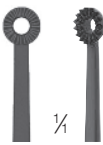
	JAW WIDTH MAUL BREITE	TOTAL LENGTH / GESAMTLÄNGE		
		200 mm	225 mm	240 mm
 MICRO ROUGH MIKRORAU	0,4 mm	COT-1 COU-1	COT-7 COU-7	COT-2 COU-2
	0,9 mm	COT-3 COU-3	COT-8 COU-8	COT-4 COU-4
 1x2 TEETH 1x2 ZÄHNE	1,0 mm	COT-5 COU-5	COT-9 COU-9	COT-6 COU-6
	2,0 mm		CPA-2 COT-0	CZE-2
 NON-TRAUMATIC ATRAUMATISCH	1,2 mm	COM-7	COM-5	COM-6
	2,0 mm		COM-8	

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CERAMO® PLANO-S

TUMOR AND TISSUE GRASPING FORCEPS
TUMOR- UND GEWEBEFASSPINZETTEN



	JAW Ø MAUL Ø	TOTAL LENGTH GESAMTLÄNGE	
		220 mm	240 mm
 SPOONSHAPED LÖFFELFÖRMIG	2,0 mm	COG-0	
	3,0 mm	COG-1	COG-3
	5,0 mm	COG-2	COG-4
	7,0 mm		COG-5
 FLAT SERRATED FLACH GEZAHNT	3,0 mm	COP-1	CON-7
	5,0 mm	COP-3	CON-8
 SERRATED GEZAHNT	3,0 mm	COP-2	
	5,0 mm	COP-4	

	JAW Ø MAUL Ø	TOTAL LENGTH GESAMTLÄNGE 230 mm
 SPOONSHAPED LÖFFELFÖRMIG	3,0 mm	CON-1
	4,0 mm	CON-3
	5,0 mm	CON-5
 SPOONSHAPED LÖFFELFÖRMIG	3,0 mm	CON-2
	4,0 mm	CON-4
	5,0 mm	CON-6

CERAMO® RONDO

GRASPING SURFACE: MICRO ROUGH
GREIFFLÄCHEN: MIKRORAU



		TOTAL LENGTH / GESAMTLÄNGE					
		120 mm	150 mm	180 mm	210 mm	230 mm	250 mm
 0,5 mm max. 9x0	WITH LOCK MIT SPERRE	KOY-1	KOD-5	KOD-9	KOE-9		
	WITHOUT LOCK OHNE SPERRE	KOY-2	KOD-6	KOE-0	KOF-0		
 0,5 mm max. 9x0	WITH LOCK MIT SPERRE	KOY-3	KOD-7	KOE-1			
	WITHOUT LOCK OHNE SPERRE	KOY-4	KOD-8	KOE-2	KOD-0		
 1,0 mm max. 7x0	WITH LOCK MIT SPERRE	KRA-1	KOA-1	KOA-3	KOA-5	KOA-7	KOA-0
	WITHOUT LOCK OHNE SPERRE		KOA-2	KOA-4	KOA-6	KOA-8	KOA-9
 1,0 mm max. 7x0	WITH LOCK MIT SPERRE	KOL-9	KOL-1	KOL-3	KOL-5	KOL-7	
	WITHOUT LOCK OHNE SPERRE	KOL-0	KOL-2	KOL-4	KOL-6	KOL-8	
 1,5 mm max. 6x0	WITH LOCK MIT SPERRE		KOT-8	KOT-5	KOT-6	KOT-7	KOS-9
	WITHOUT LOCK OHNE SPERRE		KOK-0	KOK-5	KOK-6	KOK-7	KOK-9
 1,5 mm max. 6x0	WITH LOCK MIT SPERRE		KRB-1	KOU-9	KOT-9	KOU-0	
	WITHOUT LOCK OHNE SPERRE		KOY-8	KOY-0	KOY-9	KOZ-0	
 2,0 mm max. 5x0	WITH LOCK MIT SPERRE		KOT-2	KOD-1	KOD-3	KOT-3	KOT-0
	WITHOUT LOCK OHNE SPERRE		KOX-9	KOD-2	KOD-4	KOT-4	
 2,0 mm max. 5x0	WITH LOCK MIT SPERRE		KOY-6	KOY-7	KOU-7	KOU-8	
	WITHOUT LOCK OHNE SPERRE		KOZ-7	KOZ-8	KOZ-6	KOZ-5	

max. suture size
max. Fadenstärke

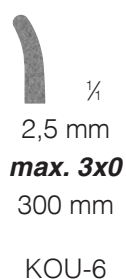
TITANIUM
TITAN

CERAMO®

GRASPING SURFACE: MICRO ROUGH
GREIFFLÄCHEN: MIKRORAU



RONDO
STRONG MODEL, WITH LOCK
STARKES MODELL, MIT SPERRE



KOU-6



PLANO
STRONG MODEL, WITH LOCK
STARKES MODELL, MIT SPERRE
250 mm
KOW-0

190 mm	230 mm	250 mm	300 mm
KOV-9	KOU-4	KOU-5	KOU-3

max. suture size / max. Fadenstärke

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GRASPING SURFACE: MICRO ROUGH
GREIFFLÄCHEN: MIKRORAU

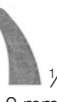


PLANO		TOTAL LENGTH / GESAMTLÄNGE			
		150 mm	180 mm	210 mm	230 mm
 1,0 mm max. 7x0	WITH LOCK MIT SPERRE	KOC-3 KOM-1	KOC-4 KOM-2	KOC-7 KOM-3	KOC-5 KOM-4
	WITHOUT LOCK OHNE SPERRE		KRB-0	KRA-9	
 2,0 mm max. 5x0	WITH LOCK MIT SPERRE	KOZ-1	KOZ-2	KOZ-3	KOZ-4
	WITHOUT LOCK OHNE SPERRE		KRA-7		KRA-8

max. suture size
max. Fadenstärke

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PLANO-S	TOTAL LENGTH / GESAMTLÄNGE		
	200 mm	225 mm	240 mm
 0,4 mm max. 9x0	KOV-2	KOV-4	KOV-6
 0,4 mm max. 9x0	KOV-1	KOV-3	KOV-5
 1,0 mm max. 7x0	KON-1 KOM-5 KOM-6	KON-2 KOM-6	KON-4
 1,0 mm max. 7x0	KOM-8	KOM-7	KON-5
 2,0 mm max. 5x0		KOM-0	KOV-7
 2,0 mm max. 5x0		KRA-0	

max. suture size
max. Fadenstärke

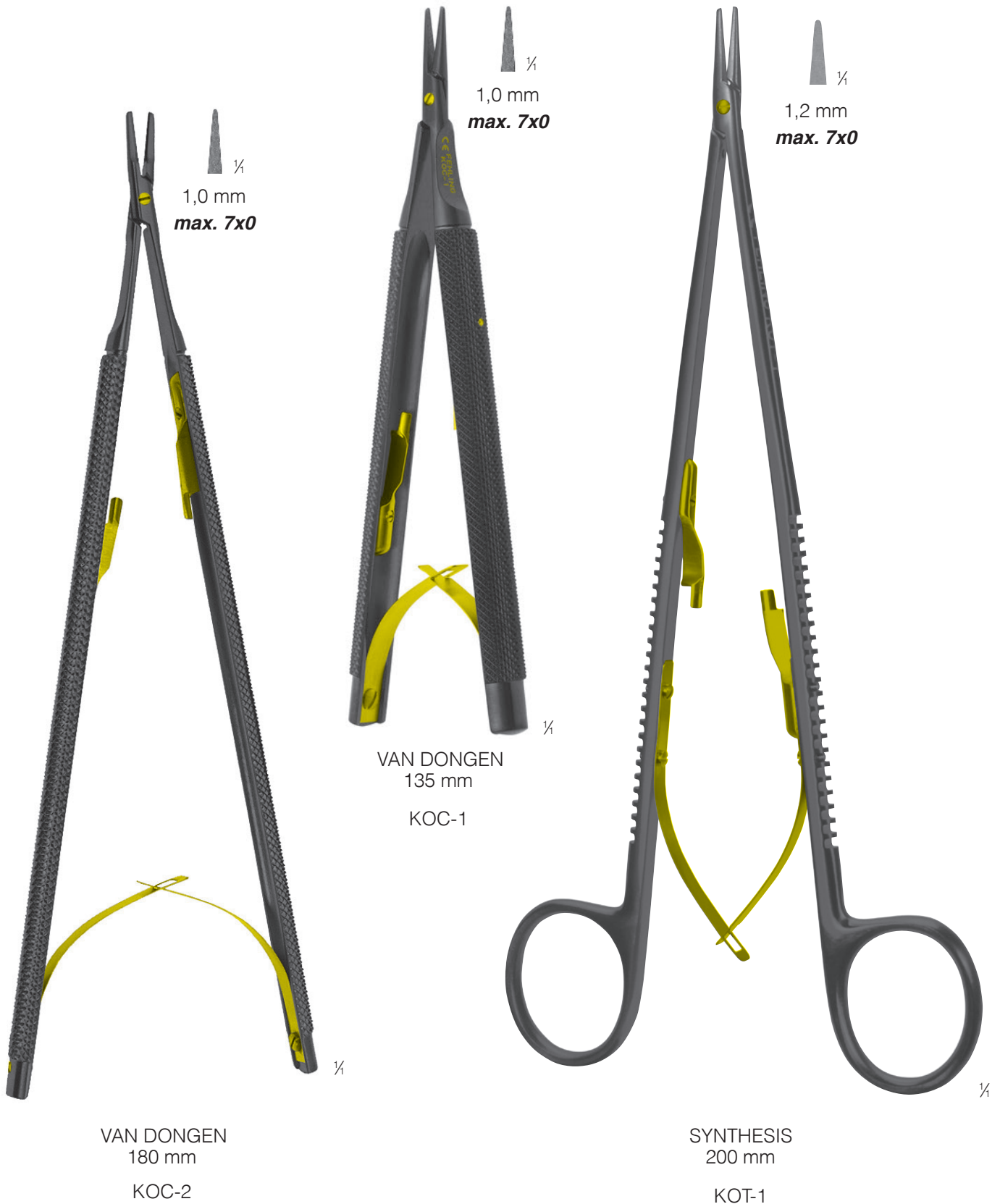
 TITANIUM
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all PLANO-S patterns
also available with lock

alle PLANO-S Modelle
auch mit Sperre erhältlich

CERAMO®

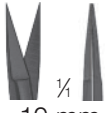
GRASPING SURFACE: MICRO ROUGH
GREIFFLÄCHEN: MIKRORAU



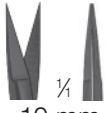
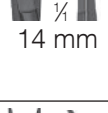
max. suture size / max. Fadenstärke

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RONDO		TOTAL LENGTH / GESAMTLÄNGE					
		120 mm	150 mm	180 mm	210 mm	230 mm	250 mm
 10 mm	POINTED SPITZ	BSL-2	BSN-5	BSN-3	BSJ-4		BSK-9
 10 mm	POINTED SPITZ	BSL-3	BSN-6	BSN-4			
 14 mm	POINTED SPITZ		BRK-2	BRK-4	BRK-6	BRK-8	
 14 mm	SERRATED GEZAHNT		BRL-2	BRL-4	BRL-6	BRL-8	
 14 mm	POINTED SPITZ		BRK-1	BRK-3	BRK-5	BRK-7	
 14 mm	SERRATED GEZAHNT		BRL-1	BRL-3	BRL-5	BRL-7	
 14 mm	BLUNT STUMPF		BSI-1	BSI-2	BSI-3	BSI-4	
 14 mm	POINTED SPITZ			BRS-3			
 14 mm	BLUNT STUMPF			BRS-4			



PLANO		TOTAL LENGTH / GESAMTLÄNGE					
		120 mm	150 mm	180 mm	210 mm	230 mm	250 mm
 10 mm	POINTED SPITZ	BRV-2	BRV-4	BRV-6			BSL-7
 10 mm	BLUNT STUMPF		BRV-7	BRV-8			
 10 mm	POINTED SPITZ	BRV-1	BRV-3	BRV-5			
 14 mm	POINTED SPITZ		BRC-2	BRC-4	BRC-6	BRC-8	
 14 mm	BLUNT STUMPF				BRD-0		
 14 mm	SERRATED GEZAHNT		BRE-4	BRE-2	BRE-6	BRE-8	
 14 mm	POINTED SPITZ		BRC-1	BRC-3	BRC-5	BRC-7	
14 mm	SERRATED GEZAHNT		BRE-3	BRE-1	BRE-5	BRE-7	
14 mm	POINTED SPITZ			BRS-1			
14 mm	BLUNT STUMPF			BRS-2	BRC-0		

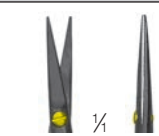
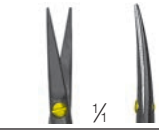
BLADES WITH TC-INSERT
BLÄTTER MIT HARTMETALLEINSATZ

CERAMO® PLANO S

		TOTAL LENGTH / GESAMTLÄNGE					
		165 mm	185 mm	200 mm	225 mm	240 mm	250 mm
	STANDARD	BRF-8		BRD-8 BRD-4	BRD-6 BRD-2		BSN-2
	STRONG* STARK*			BRF-0	BRF-4		
	STANDARD	BRF-9		BRD-7 BRD-3	BRD-5 BRD-1		BSN-1
	STRONG* STARK*			BRF-3	BRF-5		
	FULL BLADE BLUNT VOLLES BLATT STUMPF	BSH-7		BSH-2	BSH-4	BSH-6	
	FULL BLADE BLUNT VOLLES BLATT STUMPF	BSH-8		BSH-1	BSH-3	BSH-5	

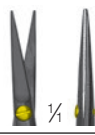
* SERRATED BLADES
* GEZAHNTE BLÄTTER

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DELICATE SEHR FEIN	TOTAL LENGTH GESAMTLÄNGE 225 mm
	BRW-1
	BRW-2

CERAMO®



DELICATE SEHR FEIN		TOTAL LENGTH / GESAMTLÄNGE				
		165 mm	185 mm	200 mm	225 mm	240 mm
 1/2	POINTED SPITZ	BSA-0	BRZ-3	BRZ-5	BRZ-7	BRZ-9
 1/2	POINTED SPITZ	BRZ-0	BRZ-2	BRZ-4	BRZ-6	BRZ-8
 1/2	HALF-POINTED HALBSPITZ	BSA-8	BSZ-1	BSZ-3		
 1/2	HALF-POINTED HALBSPITZ	BSA-9	BRZ-1	BSZ-4		BSB-0



PLANO-S	TOTAL LENGTH GESAMTLÄNGE	
	200 mm	225 mm
 1/2	BSG-4	BSG-2 BSF-2
 1/2	BSG-3	BSG-1 BSF-1

VANNAS

TITANIUM
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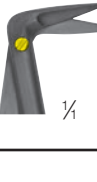
PLANO	TOTAL LENGTH GESAMTLÄNGE	
	150 mm	180 mm
 1/2	BSF-4	BSF-6
 1/2	BSF-3	BSF-5

VANNAS

CERAMO® RONDO

VASCULAR SCISSORS
GEFÄSS-SCHEREN



		TOTAL LENGTH GESAMT-LÄNGE	 7 mm	 10 mm
25° 	POINTED SPITZ	180 mm	BSP-1	BSM-1
		210 mm		BSI-5
		250 mm		BSL-4
	BALLPOINTED MIT KNOFF	180 mm		BSD-1
45° 	POINTED SPITZ	180 mm	BSP-2	BSM-2
		210 mm		BSI-6
		250 mm		BSL-6
	BALLPOINTED MIT KNOFF	180 mm		BSD-2
60° 	POINTED SPITZ	180 mm	BSP-3	BSM-3
		210 mm		BSI-7
	BALLPOINTED MIT KNOFF	180 mm		BSD-3
90° 	POINTED SPITZ	170 mm	BSP-4	BSM-4
		210 mm		BSI-8
	BALLPOINTED MIT KNOFF	170 mm		BSD-4
125° 	POINTED SPITZ	170 mm	BSP-5	BSM-5
		210 mm		BSI-9
		250 mm		BSL-9
	BALLPOINTED MIT KNOFF	170 mm		BSD-5
140° 	POINTED SPITZ	250 mm		BSL-0

CERAMO® PLANO

VASCULAR SCISSORS
GEFÄSS-SCHEREN



		TOTAL LENGTH GESAMT- LÄNGE	 7 mm	 10 mm
25° 	POINTED SPITZ	180 mm	BSM-6	BSK-1
		250 mm		BSK-6
	BALLPOINTED MIT KNOPF	180 mm		BRI-1
45° 	POINTED SPITZ	180 mm	BSM-7	BSK-2
		250 mm		BSK-7
	BALLPOINTED MIT KNOPF	180 mm		BRI-2
60° 	POINTED SPITZ	180 mm	BSM-8	BSK-3
		250 mm		BSN-0
	BALLPOINTED MIT KNOPF	180 mm		BRI-3
90° 	POINTED SPITZ	170 mm	BSM-0	BSK-4
		170 mm		BRI-4
	BALLPOINTED MIT KNOPF	170 mm		BRI-4
125° 	POINTED SPITZ	170 mm	BSM-9	BSK-5
		250 mm		BSK-8
	BALLPOINTED MIT KNOPF	170 mm		BRI-5
140° 	POINTED SPITZ	250 mm		BSL-8

CERAMO® PLANO

VASCULAR SCISSORS
GEFÄSS-SCHEREN



100 mm

	 7 mm	 10 mm
25°  1/4	BRA-0	BRA-0L
45°  1/4	BRA-6	BRA-6L
60°  1/4	BRA-7	BRA-7L
90°  1/4	BRA-9	BRA-9L
125°  1/4	BRA-8	BRA-8L

PLASTIC CONTAINER WITH SILICONE MAT
KUNSTSTOFFCONTAINER MIT SILIKONMATTEN



FOR STRAIGHT INSTRUMENTS
FÜR GERADE INSTRUMENTE

250 x 150 x 20 mm	UCA-4
381 x 254 x 19 mm	UCA-1



FOR BAYONET-SHAPED INSTRUMENTS
FÜR BAJONETTFÖRMIGE INSTRUMENTE

250 x 150 x 43 mm	UCA-9
381 x 254 x 43 mm	UCA-8

Your Distributor

Please note that not all products are available in every country.

The dimensions listed in the catalog are nominal measurements. Actual values may differ slightly due to variations in production.



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