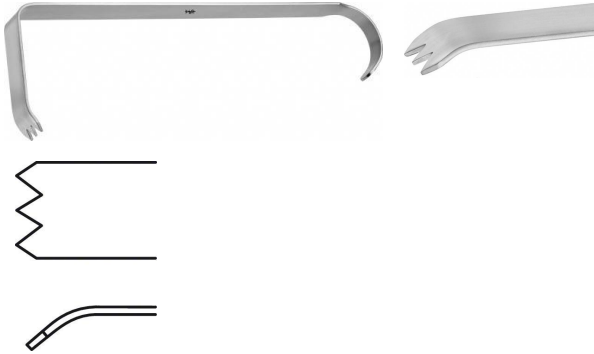
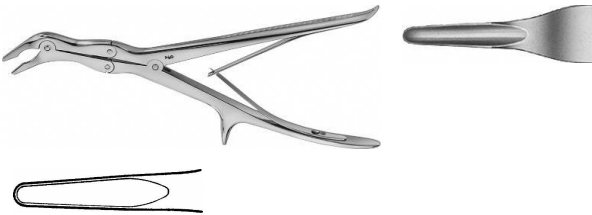
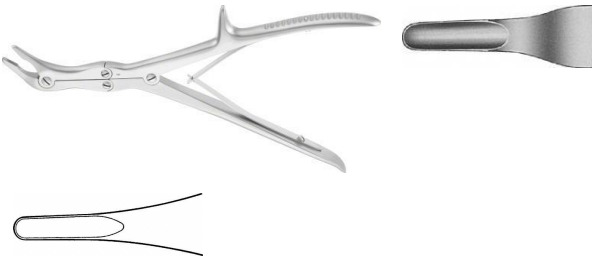


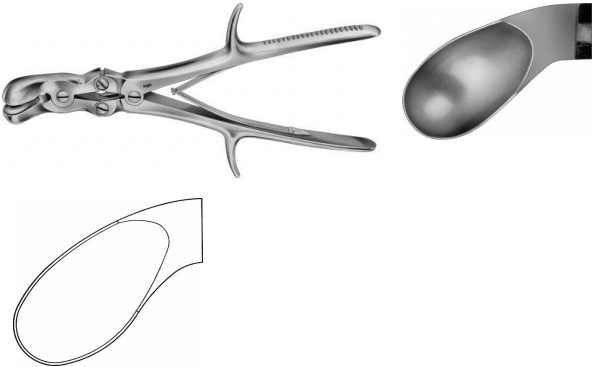
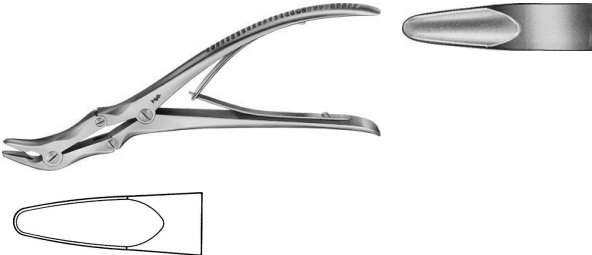
Pos No.	Item Code	Description / Comment	Qty.
	10 FL057NR	MALLET 380GR.HEAD  Customer Reference: 1	15
	20 FL062	WAGNER Mallet, 240 mm (9 1/4"), diam. 35 mm, peek handle, stainless steel, consisting of FL064R, FL065, 690 g, 340 g, Set  Customer Reference: 2	5
	30 MB631R	Mallet, 192 mm (7 9/16"), diam. 38 mm, stainless steel, 907 g  Customer Reference: 3	15
	40 FL038R	COTTLE Mallet, 185 mm (7 1/4"), diam. 30 mm, stainless steel, 320 g, 235 g  Customer Reference: 4	5
	50 FL062NR	MALLET 530GR.HEAD W/EXCHANGEABLE DISKS  Customer Reference: 5	10
	60 FL066NR	MALLET 580GR.HEAD  Customer Reference: 6	10

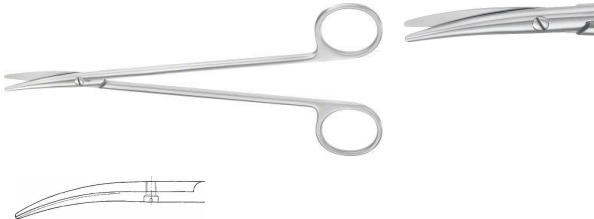
Pos No.	Item Code	Description / Comment	Qty.
	70 KH113NR	SLOTTED MALLET 680GR.HEAD  Customer Reference: 7	5
	80 MB631NR	MALLET 660GR.HEAD  Customer Reference: 8	15
	90 FL038R	COTTLE Mallet, 185 mm (7 1/4"), diam. 30 mm, stainless steel, 320 g, 235 g  Customer Reference: 9	5
	100 FL039R	Mallet, 185 mm (7 1/4"), diam. 25 mm, stainless steel, 234 g, 130 g  Customer Reference: 10	3
	110 FL011	Mallet, 255 mm (10"), diam. 49 mm, plastic (POM) handle, POM, 315 g  Customer Reference: 11	2
	120 BT523R	CORYLLOS Retractor, 255 mm (10"), open, fenestrated, depth: 115 mm, width: 65 mm, non-sterile, reusable  Customer Reference: 12	8

Pos No.	Item Code	Description / Comment	Qty.
	130 FK117R	Bone Lever, curved, 160 mm (6 1/4"), width: 2 mm, 6 mm  Customer Reference: 13	4
	140 BT503R	HIBBS Retractor, 235 mm (9 1/4"), depth: 25 mm, width: 75 mm, non-sterile, reusable  Customer Reference: 14	2
	150 BT504R	HIBBS Retractor, 235 mm (9 1/4"), depth: 20 mm, width: 50 mm, non-sterile, reusable  Customer Reference: 15	2
	160 BT505R	HIBBS Retractor, 235 mm (9 1/4"), depth: 13 mm, width: 25 mm, non-sterile, reusable  Customer Reference: 16	2
	170 BT041R	PATTERN US-ARMY Wound Retractor, 220 mm (8 3/4"), double ended, 22 x 15 mm, 26 x 15 mm, 39 x 15 mm, 43 x 15 mm, non-sterile, reusable, Set of 2  Customer Reference: 17	10

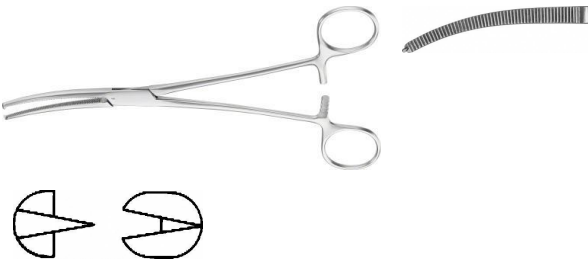
Pos No.	Item Code	Description / Comment	Qty.
	180 BL941R	Needle Case, perforated, 150 x 90 x 10 mm, non-sterile, reusable	20
		 Customer Reference: 18	
	190 5523184	VENOSTRIP, VEIN EXTIRPATION SET	5
		 Customer Reference: 20	
	200 MD611	Surgical Needle, straight, 95 mm (3 3/4"), 18GA, width: 1,200 mm, non-sterile, reusable	5
		 Customer Reference: 22	
	210 FO470R	OLIVECRONA Bone Rongeur, curved, 205 mm (8")	10
		 Customer Reference: 23	
	220 MD615	ADSON Bone Rongeur, straight, 200 mm (8")	4
		 Customer Reference: 24	

Pos No.	Item Code	Description / Comment	Qty.
	230 FO415R	BLUMENTHAL Bone Rongeur, curved, 155 mm (6 1/8")  Customer Reference: 25	4
	240 FO463R	LUER Bone Rongeur, curved, 180 mm (7"), oval  Customer Reference: 26	25
	250 FO521NR	BONE RONGEUR STRONG CVD 240MM  Customer Reference: 27	6
	260 FO522R	ECHLIN Bone Rongeur, angled to side, 230 mm (9"), double action, jaw length: 10 mm, jaw width: 2 mm  Customer Reference: 28	6
	270 FO523R	ECHLIN Bone Rongeur, angled to side, 230 mm (9"), double action, jaw length: 10 mm, jaw width: 3 mm  Customer Reference: 29	6

Pos No.	Item Code	Description / Comment	Qty.
	280 FO566R	LUER-STILLE Bone Rongeur, curved, 270 mm (10 3/4"), double action  Customer Reference: 30	5
	290 MD615	ADSON Bone Rongeur, straight, 200 mm (8")  Customer Reference: 31	5
	300 FO525R	FRYKHOLM Bone Rongeur, angled to side, 240 mm (9 1/2"), double action  Customer Reference: 32	2
	310 BC257R	DUROTIP TC Dissecting Scissors, curved, 115 mm (4 1/2"), delicate pattern, blunt/blunt, non-sterile, reusable  Customer Reference: 33	2

Pos No.	Item Code	Description / Comment	Qty.
	320 BC958R	POTTS-SMITH SUPERCUT Vascular Scissors, angled, 45 °, 185 mm (7 1/4"), wave cut, sharp/sharp, non-sterile, reusable  Customer Reference: 34	10
	330 BC863R	LISTER Bandage- And Cloth Scissors, angled to side, 200 mm (7 7/8"), 1 blade probe pointed, non-sterile, reusable  Customer Reference: 35	30
	340 BC561R	MAYO-HARRINGTON Dissecting Scissors, curved, 230 mm (9"), blunt/blunt, non-sterile, reusable  Customer Reference: 38	50
	350 BC631R	TOENNIS-ADSON Dissecting Scissors, curved, 175 mm (6 7/8"), delicate pattern, blunt/blunt, non-sterile, reusable  Customer Reference: 39	30

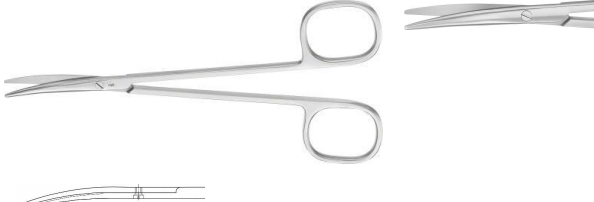
Pos No.	Item Code	Description / Comment	Qty.
	360 BC607R	METZENBAUM Dissecting Scissors, curved, 200 mm (7 7/8"), blunt/blunt, non-sterile, reusable  Customer Reference: 40	30
	370 BC919R	JAMESON SUPERCUT Dissecting Scissors, curved, 180 mm (7"), delicate pattern, wave cut, blunt/blunt, non-sterile, reusable  Customer Reference: 41	15
	380 FO123R	Reposition Forceps, curved, 140 mm (5 1/2"), with ratchet fixation, non-sterile, reusable  Customer Reference: 42	2
	390 FB443R	MOSQUITO ATRAUMATA Hemostatic Forceps, curved, 165 mm (6 1/2"), toothed DE BAKEY, jaw length: 27 mm, non-sterile, reusable  Customer Reference: 43	30
	400 BH211R	HALSTED (MOSQUITO) Hemostatic Forceps, curved, 200 mm (7 7/8"), delicate, blunt, non-sterile, reusable  Customer Reference: 44	30

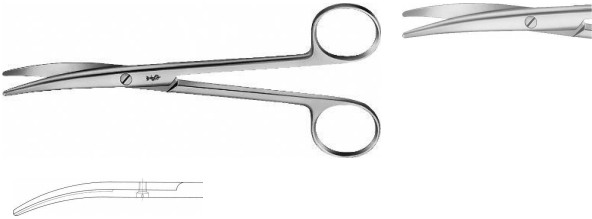
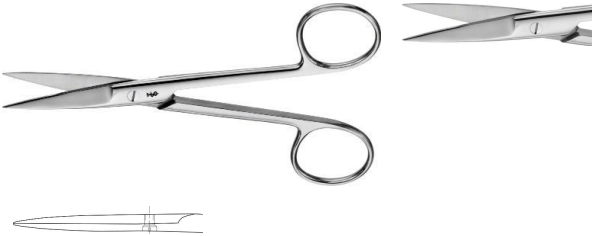
Pos No.	Item Code	Description / Comment	Qty.
	410 BH645R	KOCHER-OCHSNER Hemostatic Forceps, curved, 185 mm (7 1/4"), toothed (1x2), non-sterile, reusable  Customer Reference: 45	50
	420 BH631R	KOCHER Hemostatic Forceps, curved, 150 mm (6"), toothed (1x2), non-sterile, reusable  Customer Reference: 46	30
	430 EB001R	LOWER Gall Duct Clamp, curved, 180 mm (7"), non-sterile, reusable  Customer Reference: 47	12
	440 BD755R	PATTERN RUSSIA Tissue Forceps, straight, 150 mm (6"), toothed, ring tip, non-sterile, reusable  Customer Reference: 48	10

Pos No.	Item Code	Description / Comment	Qty.
	450 BD522R	ADSON Tissue Forceps, straight, 180 mm (7"), delicate, toothed (1x2), non-sterile, reusable  Customer Reference: 49	10
	460 FE041S	MUELLER ALPHA Vessel Clip For Arteries, slightly curved, toothed DE BAKEY, closing force: 3,50 N, non-sterile, reusable  Customer Reference: 52	2
	470 FE042S	MUELLER ALPHA Vessel Clip For Arteries, curved, toothed DE BAKEY, closing force: 3,50 N, non-sterile, reusable  Customer Reference: 53	2
	480 FE040S	MUELLER ALPHA Vessel Clip For Arteries, angled, toothed DE BAKEY, closing force: 3,50 N, non-sterile, reusable  Customer Reference: 54	2
	490 FE044S	MUELLER ALPHA Vessel Clip For Arteries, knee bent, toothed DE BAKEY, closing force: 3,50 N, non-sterile, reusable  Customer Reference: 55	2
	500 FK391R	KRAEMER Raspatory, slightly curved, 190 mm (7 1/2"), sharp, width: 10 mm, non-sterile, reusable  Customer Reference: 57.	2

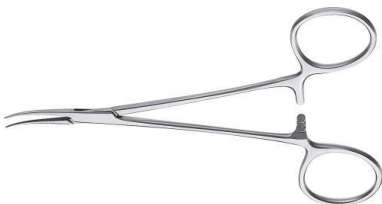
Pos No.	Item Code	Description / Comment	Qty.
	510 FK146R	COBB Raspatory, slightly curved, 280 mm (11"), sharp, width: 10 mm, non-sterile, reusable  Customer Reference: 58.1	2
	520 FK147R	COBB Raspatory, slightly curved, 280 mm (11"), sharp, width: 13 mm, non-sterile, reusable  Customer Reference: 58.2	2
	530 FK148R	COBB Raspatory, slightly curved, 280 mm (11"), sharp, width: 19 mm, non-sterile, reusable  Customer Reference: 58.3	2
	540 FK130R	LANGENBECK Elevator, slightly curved, 195 mm (7 3/4"), blunt, width: 7,500 mm, non-sterile, reusable  Customer Reference: 59.1	2
	550 FK131R	LANGENBECK Elevator, slightly curved, 195 mm (7 3/4"), blunt, width: 10 mm, non-sterile, reusable  Customer Reference: 59.2	2
	560 FK139R	LANGENBECK Elevator, 230 mm (9"), width: 11 mm, non-sterile, reusable  Customer Reference: 59.3	2
	570 MB278R	CHANDLER Elevator, curved, 255 mm (10"), blunt, width: 30 mm, non-sterile, reusable  Customer Reference: 60	1

Pos No.	Item Code	Description / Comment	Qty.
	580 BM033R	DE BAKEY DUROGRIP TC Needleholder, straight, 165 mm (6 1/2"), very delicate, with 0.4 mm pitch of serration, suture 4/0 - 6/0, non-sterile, reusable 	5
		Customer Reference: 61	
	590 BM035R	DE BAKEY DUROGRIP TC Needleholder, straight, 180 mm (7"), with 0.4 mm pitch of serration, suture 4/0 - 6/0, non-sterile, reusable 	5
		Customer Reference: 62	
	600 BM065R	HEGAR-MAYO DUROGRIP TC Needleholder, straight, 150 mm (6"), with 0.5 mm pitch of serration, suture up to 3/0, non-sterile, reusable 	10
		Customer Reference: 63	
	610 BM066R	HEGAR-MAYO DUROGRIP TC Needleholder, straight, 185 mm (7 1/4"), with 0.5 mm pitch of serration, suture up to 3/0, non-sterile, reusable 	10
		Customer Reference: 64	

Pos No.	Item Code	Description / Comment	Qty.
	620 BM067R	HEGAR-MAYO DUROGRIP TC Needleholder, straight, 205 mm (8"), with 0.5 mm pitch of serration, suture up to 3/0, non-sterile, reusable  Customer Reference: 65	10
	630 BC628R	Dissecting Scissors, curved, 150 mm (6"), delicate pattern, blades outside semi-sharp, sharp/sharp, non-sterile, reusable  Customer Reference: 66	5
	640 BC023R	METZENBAUM (BABY) Dissecting Scissors, curved, 145 mm (5 3/4"), delicate pattern, blunt/blunt, large rings, non-sterile, reusable  Customer Reference: 67	5
	650 BC591R	LEXER Dissecting Scissors, curved, 165 mm (6 1/2"), narrow pattern, blunt/blunt, non-sterile, reusable  Customer Reference: 68	5

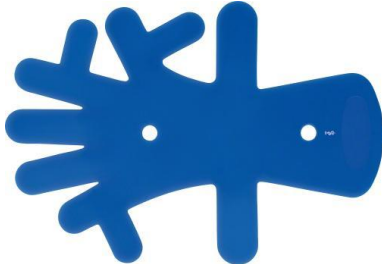
Pos No.	Item Code	Description / Comment	Qty.
	660 BC592R	MAYO-LEXER Dissecting Scissors, curved, 165 mm (6 1/2"), blunt/blunt, non-sterile, reusable  Customer Reference: 69	5
	670 BC466R	MAYO Surgical Scissors, straight, 140 mm (5 1/2"), sharp/sharp, non-sterile, reusable  Customer Reference: 70	5
	680 BC631R	TOENNIS-ADSON Dissecting Scissors, curved, 175 mm (6 7/8"), delicate pattern, blunt/blunt, non-sterile, reusable  Customer Reference: 71	5
	690 BM218R	CRILE-WOOD Needleholder, straight, 150 mm (6"), delicate, jaw with longitudinal groove, non-sterile, reusable  Customer Reference: 82	5

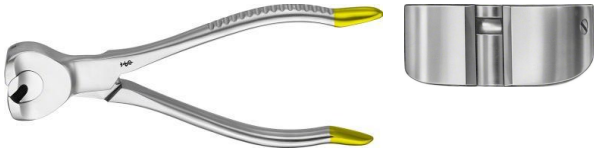
Pos No.	Item Code	Description / Comment	Qty.
	700 BM219R	CRILE-MURRAY Needleholder, straight, 150 mm (6"), non-sterile, reusable  Customer Reference: 83	5
	710 BM201R	HALSEY Needleholder, straight, 130 mm (5 1/8"), smooth, non-sterile, reusable  Customer Reference: 84	5
	720 BM290R	HEGAR-OLSEN Needleholder, straight, 140 mm (5 1/2"), jaw with longitudinal groove, one ring angled, non-sterile, reusable  Customer Reference: 85	5
	730 BM067R	HEGAR-MAYO DUROGRIP TC Needleholder, straight, 205 mm (8"), with 0.5 mm pitch of serration, suture up to 3/0, non-sterile, reusable  Customer Reference: 86	3
	740 BD222R	ADSON Dressing Forceps (Tweezers), straight, 120 mm (4 3/4"), delicate, serrated, non-sterile, reusable  Customer Reference: 87	5

Pos No.	Item Code	Description / Comment	Qty.
	750 BD511R	ADSON Tissue Forceps, straight, 120 mm (4 3/4"), delicate, toothed (1x2), non-sterile, reusable  Customer Reference: 88	5
	760 BD755R	PATTERN RUSSIA Tissue Forceps, straight, 150 mm (6\"), toothed, ring tip, non-sterile, reusable  Customer Reference: 89	5
	770 BD557R	Tissue Forceps, standard, straight, 145 mm (5 3/4\"), standard, toothed (1x2), non-sterile, reusable  Customer Reference: 90	5
	780 FB395R	DE BAKEY ATRAUMATA Atraumatic Forceps, straight, 195 mm (7 3/4\"), toothing DE BAKEY, width: 1 mm, non-sterile, reusable  Customer Reference: 91	3
	790 MB229R	JACOBSON Hemostatic Forceps, curved, 130 mm (5\"), delicate, blunt, non-sterile, reusable  Customer Reference: 92	10
	800 MD465R	COLLER Hemostatic Forceps, curved, 140 mm (5 1/2\"), blunt, non-sterile, reusable  Customer Reference: 93	5

Pos No.	Item Code	Description / Comment	Qty.
	810 BJ102R	GEMINI Dissecting Forceps, angled right, 180 mm (7"), non-sterile, reusable  Customer Reference: 94	5
	820 OL622R	JOSEPH Skin Hook, 160 mm (6 1/4"), 2 prongs, sharp, width: 3 mm, non-sterile, reusable  Customer Reference: 95	6
	830 BT007R	SENN-MILLER (BABY) Wound Retractor (With Prong), 155 mm (6 1/8"), 1 side sharp/1 side blunt, 3 prongs, blunt, 8 x 7 mm, 22 x 7 mm, non-sterile, reusable  Customer Reference: 96	6
	840 BT020R	FARABEUF Wound Retractor, 125 mm (5"), double ended, small, 22 x 10 mm, 25 x 10 mm, 28 x 12 mm, 32 x 12 mm, non-sterile, reusable, Set of 2  Customer Reference: 97	6
	850 BV074R	WEITLANER Retractor (Self Retaining), 130 mm (5 1/8"), 3 x 4 prongs, blunt, non-sterile, reusable  Customer Reference: 98	5

Pos No.	Item Code	Description / Comment	Qty.
	860 BF324R	BRAND Grasping Forceps, straight, 150 mm (6"), toothed (1x2)  Customer Reference: 101	3
	870 BF315R	BRAND Grasping Forceps, curved, 150 mm (6"), toothed (1x2)  Customer Reference: 102	3
	880 FL112R	Osteotome, 6 mm, 140 mm, 5 1/2"  Customer Reference: 103	3
	890 FO612R	Bone Cutting Forceps, straight, 170 mm (6 3/4"), double action, non-sterile, reusable  Customer Reference: 104	4
	900 FO624R	LISTON Bone Cutting Forceps, straight, 200 mm (7 7/8"), non-sterile, reusable  Customer Reference: 105	2
	910 FL512R	STILLE Osteotome, straight, 8 mm, 205 mm, 8"  Customer Reference: 106	2

Pos No.	Item Code	Description / Comment	Qty.
	920 FO917A	ALUMINUM HAND FOR CHILDREN	5
		 Customer Reference: 107	
	930 FO900R	Fingerring saw, 150 mm, 6"	1
		 Customer Reference: 108	
	940 FO901R	Spare blade, to be used with FO900R	1
		 Customer Reference: 108	
	950 LX157R	HARVEY TC Wire Cutting Forceps, 235 mm (9 1/4"), special hardened cutting edges, hard wire up to Ø 2.2 mm, soft wire up to Ø 3.0 mm non-sterile, reusable	3
		 Customer Reference: 109	

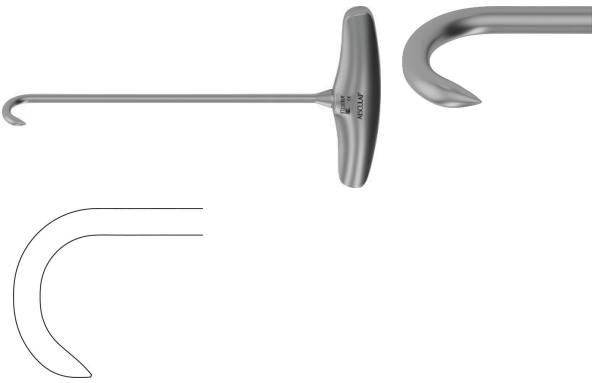
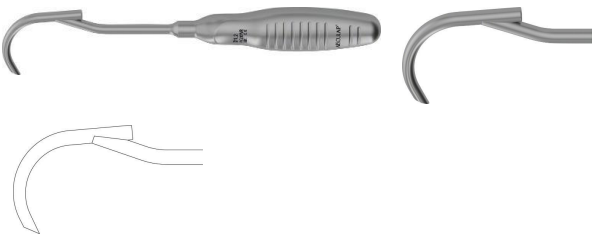
Pos No.	Item Code	Description / Comment	Qty.
	960 LX163R	TC Wire Cutting Forceps, 165 mm (6 1/2"), special hardened cutting edges, hard wire up to Ø 2.5 mm, soft wire up to Ø 3.5 mm, non-sterile, reusable  Customer Reference: 110	3
	970 FO115R	REILL Reposition Forceps, curved, 135 mm (5 1/4"), non-sterile, reusable  Customer Reference: 111	4
	980 FO123R	Reposition Forceps, curved, 140 mm (5 1/2"), with ratchet fixation, non-sterile, reusable  Customer Reference: 112	4
	990 FO170R	Bone Holding Forceps, curved to side, 190 mm (7 1/2"), adjustable screw lock, with thread fixation, Fig. 0, width: 2,500 mm, 7 mm, non-sterile, reusable  Customer Reference: 113	2
	1000 DF114R	Mallet, 190 mm (7 1/2"), diam. 25 mm, stainless steel, 218 g, 155 g  Customer Reference: 114	2

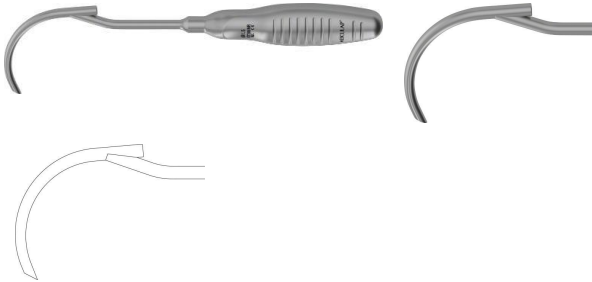
Pos No.	Item Code	Description / Comment	Qty.
	1010 LX170R	Wire Holding Forceps, 170 mm (6 3/4"), serrated, non-sterile, reusable  Customer Reference: 115	2
	1020 LX172R	Flat Nose Pliers, 190 mm (7 1/2"), non-sterile, reusable  Customer Reference: 116	2
	1030 FL069NR	MALLET 780GR.HEAD  Customer Reference: 118.1	2
	1040 MB631NR	MALLET 660GR.HEAD  Customer Reference: 118.2	2
	1050 FL400NR	OSTEOTOME W/HANDLE 4MM 240MM  Customer Reference: 118.3	1
	1060 FL401NR	OSTEOTOME W/HANDLE 6MM 240MM  Customer Reference: 118.4	1

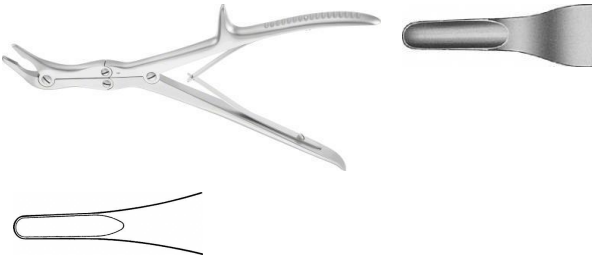
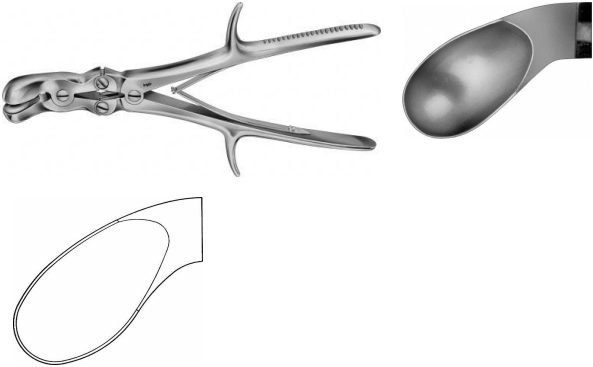
Pos No.	Item Code	Description / Comment	Qty.
	1070 FL820NR	OSTEOTOME W/HANDLE 4MM 300MM  Customer Reference: 118.5	1
	1080 FL920NR	OSTEOTOME W/HANDLE 4MM 400MM  Customer Reference: 118.6	1
	1090 FL922NR	OSTEOTOME W/HANDLE 8MM 400MM  Customer Reference: 118.7	1
	1100 ND108NR	OSTEOTOME W/HANDLE ANG 10MM 300MM  Customer Reference: 118.8	1
	1110 FL830NR	GOUGE W/HANDLE 4MM 300MM  Customer Reference: 118.9	1
	1120 FL441NR	CANCELLOUS BONE GOUGE CVD 5MM 250MM  Customer Reference: 118.10	1
	1130 ND118NR	SWAN-NECK CHISEL 25MM 285MM  Customer Reference: 118.11	1

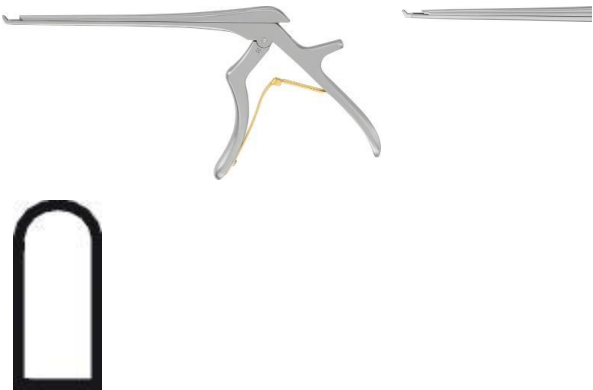
Pos No.	Item Code	Description / Comment	Qty.
	1140 ND092NR	WAGNER GOUGE ANG-FWD 9MM 400MM  Customer Reference: 118.12	1
	1150 ND079R	CEMENT EXTRACTOR W/THREAD D8MM  Customer Reference: 118.13	1
	1160 ND082R	CEMENT EXTRACTION HOOK 6MM  Customer Reference: 118.14	1
	1170 FL800R	LAMBOTTE OSTEOTOME STR 4MM 300MM  Customer Reference: 118.15	1
	1180 FL813R	LAMBOTTE OSTEOTOME STR 6MM 300MM  Customer Reference: 118.16	1
	1190 FO515NR	BONE RONGEUR MEDIUM STRONG CVD 180MM  Customer Reference: 118.17	1
	1200 FO518NR	BONE RONGEUR STRONG CVD 180MM  Customer Reference: 118.18	1

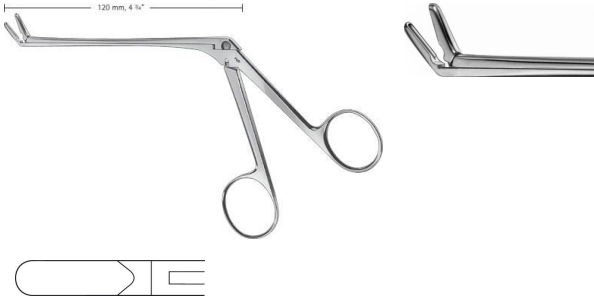
Pos No.	Item Code	Description / Comment	Qty.
	1210 FO521NR	BONE RONGEUR STRONG CVD 240MM  Customer Reference: 118.19	1
	1220 FO530NR	BONE RONGEUR VERY STRONG LAT-ANG 240MM  Customer Reference: 118.20	1
	1230 FO641NR	RUSKIN-LISTON SQ.LINE Bone Cutting Forceps, angled, 180 mm (7"), ergonomic handle, non-sterile, reusable  Customer Reference: 118.21	1
	1240 FK753NR	VOLKMANN SQ.LINE Bone Curette, straight, 300 mm (15 3/4"), ergonomic handle, #0, width: 5,200 mm, non-sterile, reusable, 1 piece  Customer Reference: 118.22	1
	1250 FK696NR	SQ.LINE Bone Curette, straight, 300 mm (11 3/4"), ergonomic handle, width: 9 mm, non-sterile, reusable, 1 piece  Customer Reference: 118.23	1
	1260 ND019NR	SQ.LINE Bone Curette, straight, 300 mm (11 3/4"), ergonomic handle, width: 30 mm, non-sterile, reusable, 1 piece  Customer Reference: 118.24	1

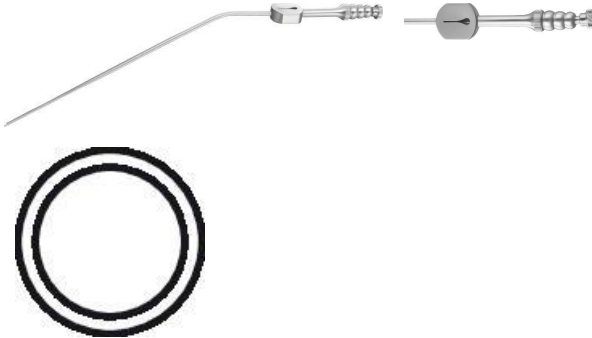
Pos No.	Item Code	Description / Comment	Qty.
	1270 FK319NR	SQ.LINE Raspatory, curved, 200 mm (7 7/8"), straight blade, sharp, ergonomic handle, width: 6 mm, non-sterile, reusable  Customer Reference: 118.25	1
	1280 ND007NR	LUXATION LEVER F/DISLOCAT.THE FEM.HEAD  Customer Reference: 118.26	1
	1290 BT220NR	SQ.LINE Bone Hook, 240 mm (9 1/2"), 1 prong, T-handle, non-sterile, reusable  Customer Reference: 118.27	1
	1300 ND005NR	FEMORAL HEAD EXTRACTION DRILL  Customer Reference: 118.28	1
	1310 KY207NR	SQ.LINE Wire Guide, curved, 230 mm (9"), small, ergonomic handle, -, non-sterile, reusable  Customer Reference: 118.29	2

Pos No.	Item Code	Description / Comment	Qty.
	1320 KY208NR	SQ.LINE Wire Guide, curved, 240 mm (9 1/2"), large, ergonomic handle, -, non-sterile, reusable  Customer Reference: 118.30	2
	1330 LX183NR	SQ.LINE Wire Extraction Pliers, 180 mm (7"), broad, double action, ergonomic handle, double articulated joint, non-sterile, reusable  Customer Reference: 118.31	1
	1340 LX182NR	SQ.LINE Wire Extraction Pliers, tapered, 180 mm (7"), ergonomic handle, double articulated joint, non-sterile, reusable  Customer Reference: 118.32	1
	1350 MD615	ADSON Bone Rongeur, straight, 200 mm (8")  Customer Reference: 120	5

Pos No.	Item Code	Description / Comment	Qty.
	1360 FO522R	ECHLIN Bone Rongeur, angled to side, 230 mm (9"), double action, jaw length: 10 mm, jaw width: 2 mm  Customer Reference: 121	5
	1370 FO523R	ECHLIN Bone Rongeur, angled to side, 230 mm (9"), double action, jaw length: 10 mm, jaw width: 3 mm  Customer Reference: 122	5
	1380 FO521NR	BONE RONGEUR STRONG CVD 240MM  Customer Reference: 123	5
	1390 FO566R	LUER-STILLE Bone Rongeur, curved, 270 mm (10 3/4"), double action  Customer Reference: 124	5

Pos No.	Item Code	Description / Comment	Qty.
	1400 FK900R	KERRISON Bone Punch conventional, 130 °, upwards cutting, 180 mm (7"), regular, width: 1 mm, opening width: 8 mm, detachable, with ejector, standard, non-sterile, reusable, to be used with: JF120R  Customer Reference: 125.1	5
	1410 FK971R	KERRISON Bone Punch conventional, 130 °, upwards cutting, 180 mm (7"), width: 2 mm, opening width: 15 mm, detachable, with ejector, standard, non-sterile, reusable, to be used with: JF120R  Customer Reference: 125.2	5
	1420 FK973R	KERRISON Bone Punch conventional, 130 °, upwards cutting, 180 mm (7"), width: 4 mm, opening width: 15 mm, detachable, with ejector, standard, non-sterile, reusable, to be used with: JF120R 	5

Pos No.	Item Code	Description / Comment	Qty.
	1430 OK526R	TAKAHASHI Rongeur, 130 °, upwards cutting, 120 mm (4 3/4"), oval, width: 3 mm  Customer Reference: 126	2
	1440 GF411R	Suction Cannula, 205 mm (8"), working length: 140 mm (5 1/2"), diam. 1 mm, tapered, teardrop, large, 3FR, non-sterile, reusable  Customer Reference: 127.1	3
	1450 GF414R	Suction Cannula, 205 mm (8"), working length: 140 mm (5 1/2"), diam. 2 mm, tapered, teardrop, large, 6FR, non-sterile, reusable  Customer Reference: 127.2	3

Pos No.	Item Code	Description / Comment	Qty.
	1460 GF417R	Suction Cannula, 205 mm (8"), working length: 140 mm (5 1/2"), diam. 3 mm, tapered, teardrop, large, 9FR, non-sterile, reusable  Customer Reference: 127.3	3
	1470 OK100R	CUSHING-LANDOLT SPECULUM 70X15MM Customer Reference: 130	2
	1480 GK959R	CASPAR Bipolar Forceps, straight, 220 mm (8 3/4"), working length: 125 mm (5"), bayonet-shaped, insulated, width: 0,20 mm, non-sterile, reusable  Customer Reference: 133.1	1
	1490 GK960R	CASPAR Bipolar Forceps, straight, 220 mm (8 3/4"), working length: 125 mm (5"), bayonet-shaped, insulated, width: 0,50 mm, non-sterile, reusable  Customer Reference: 133.2	1
	1500 GK970R	CASPAR Bipolar Forceps, straight, 220 mm (8 3/4"), working length: 125 mm (5"), bayonet-shaped, insulated, width: 1 mm  Customer Reference: 133.3	1
	1510 GN130	BIPOLAR CABLE 5/2MM  Customer Reference: 133.4	4

Pos No.	Item Code	Description / Comment	Qty.
	1520 FK971R	KERRISON Bone Punch conventional, 130 °, upwards cutting, 180 mm (7"), width: 2 mm, opening width: 15 mm, detachable, with ejector, standard, non-sterile, reusable, to be used with: JF120R  Customer Reference: 134.1	2
	1530 FK972R	KERRISON Bone Punch conventional, 130 °, upwards cutting, 180 mm (7"), width: 3 mm, opening width: 15 mm, detachable, with ejector, standard, non-sterile, reusable, to be used with: JF120R  Customer Reference: 134.2	2
	1540 FK973R	KERRISON Bone Punch conventional, 130 °, upwards cutting, 180 mm (7"), width: 4 mm, opening width: 15 mm, detachable, with ejector, standard, non-sterile, reusable, to be used with: JF120R  Customer Reference: 134.3	2
	1550 FK974R	KERRISON Bone Punch conventional, 130 °, upwards cutting, 180 mm (7"), width: 5 mm, opening width: 15 mm, detachable, with ejector, standard, non-sterile, reusable, to be used with: JF120R  Customer Reference: 134.4	2

Pos No.	Item Code	Description / Comment	Qty.
	1560 FF563R	CASPAR Rongeur, straight, 185 mm (7 1/4"), serrated, 3 x 12 mm  Customer Reference: 135	2
	1570 ND087R	Cement Removing Rongeur, straight, 260 mm (10"), 5,3 x 20 mm  Customer Reference: 136	1
	1580 FG057R	Rongeur, 150 °, upwards cutting, 260 mm (10 1/4"), 5,5 x 20 mm  Customer Reference: 137	1
	1590 OL165R	FREER Elevator, curved, 185 mm (7 1/4"), double ended, sharp/blunt, non-sterile, reusable  Customer Reference: 138	3
	1600 FK703R	Bone Curette, straight, 250 mm (9 3/4"), Fig. 00, width: 4,400 mm, non-sterile, reusable  Customer Reference: 139	2
	1610 FK783R	CASPAR Bone Curette, angled upwards, 220 mm (8 3/4"), peek handle, Fig. 000, width: 3,600 mm, non-sterile, reusable  Customer Reference: 140	2

Pos No.	Item Code	Description / Comment	Qty.
	1620 BV075R	WEITLANER Retractor (Self Retaining), 165 mm (6 1/2"), 3 x 4 prongs, blunt, non-sterile, reusable  Customer Reference: 141	2
	1630 EA820R	SIMS Rectal specula, 77 x 17 mm, 160 mm, 6 1/4"  Customer Reference: 142	3
	1640 JG523R	Round Bowl, 126 mm, height: 53 mm, 0,3 l  Customer Reference: 143	20
	1650 BT560R	ALLISON Lung Retractor, 320 mm (12 1/2"), fenestrated, width: 54 mm, non-sterile, reusable  Customer Reference: 144	1

Pos No.	Item Code	Description / Comment	Qty.
	1660 BH647R	KOCHER-OCHSNER Hemostatic Forceps, curved, 200 mm (7 7/8"), toothed (1x2), non-sterile, reusable	25
 Customer Reference: 146			



reddot design award
winner 2019



STERILE GOODS
MANAGEMENT

AESCULAP[®] SQ.line[®]

REINVENTING SURGICAL INSTRUMENTS

AESCULAP® SQ.line®

OUR MOTIVATION | YOUR SOLUTION

WORK ERGONOMICALLY?

My muscles are tired after working all day in the physically demanding orthopedic theaters.

➤ THEN WORK ERGONOMICALLY!

The new SQ.line® instruments allow me to work ergonomically. Pressure points and joint stress are thus reduced.

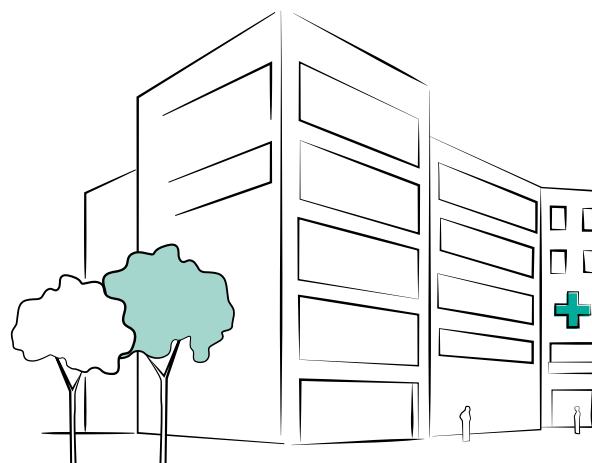


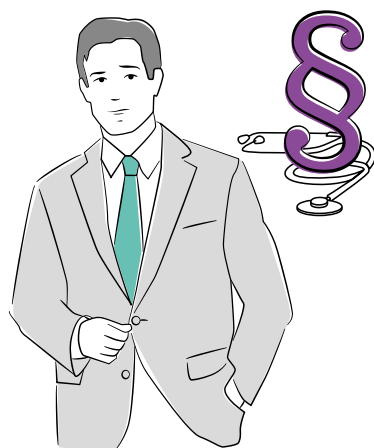
COMPLEX REPROCESSING?

Instruments with non-observable joints, narrow gaps and instruments made from different materials increase the complexity of my work – the Reprocessing.

➤ NOT ANYMORE!

Instruments now has to be less manually pre-cleaned. Careful cleaning of the SQ.line® instruments is more simplified and effective.



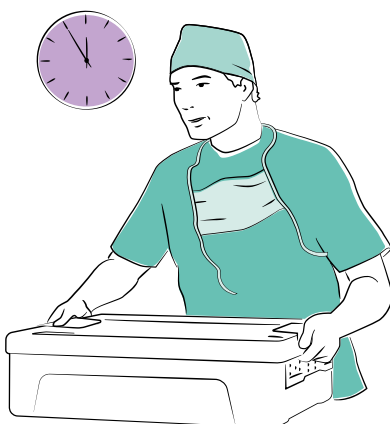


BAD PRESS?

Postoperative wound infections contradict the mission statement of our clinic, which promises a high-quality patient care.

➤ NO THANKS!

Our efforts to reduce postoperative wound infections can be supported by SQ.line® instruments. Because the welfare and the satisfaction of our patients stand at the highest level.



TIME PRESSURE?

Inadequately reprocessed instruments can lead to delays and increase stress in the theatre department.

➤ RELAXED PROCEDURES!

Our efforts to ensure that the surgical procedure runs smoothly can be supported by SQ.line® instruments.

ERGONOMIC WORKING

➤ FEEL THE GRIP

The unique design provides 70% more grip in comparison to previous products due to shape, material, edges and texture.

The result: less force to achieve a safe grip during use.

➤ DESIGN MAKES THE DIFFERENCE

Ergonomically designed instruments reduce pressure points and joint stress, so that the risk of related injuries is minimized.



— Place of the maximum discomfort / highest surface pressure

— Place of maximum comfort / lowest surface pressure

Mallet AESCULAP®*

* Measurement of the surface pressure distribution with a pressure measuring foil.



reddot design award
winner 2019



PATENT
pending

FINE TUNING

One-piece spring mechanism means there is no risk of screws loosening or accidental opening of the spring during use.

FEEL COMFORTABLE

25% less force is needed to cut through wires compared to previous products, as a result of optimised power transmission of the wire cutting forceps.

EVERYTHING IN BALANCE

User-friendly weight and balance for smoother handling of the instrument.

EASY REPROCESSING

➤ EASIER VISUAL INSPECTION

>50% reduction in difficult-to-inspect areas means visual inspection is faster and easier.*

➤ REPAIR MADE EASY

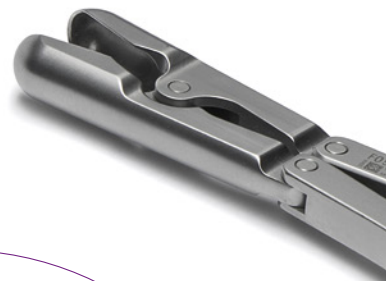
Interchangeable jaws open up more possibilities for repair, which could reduce the number of repair replacement procurements, and could therefore also reduce the costs.

➤ SAVE TIME

Manual pre-cleaning steps can be eliminated with fully machine-cleanable instruments, resulting in time savings up to 12 minutes in handling time.

➤ BE SAFE

The limit of protein residues is reached at an earlier stage during cleaning and disinfection compared to current instrument designs. Probability of reprocessing rework is reduced.



* A SQ.line® bone rongeur was compared with the previous product.



➤ 100% STAINLESS STEEL

All instruments are made entirely from stainless steel. Without critical interfaces to other materials they are less vulnerable and easier to clean.



■ Weight refers to the head weight of the respective mallet



FL046211
Spare disc,
diam. 30 mm
metal convex



FL046212
Spare disc,
diam. 30 mm
plastic convex



FL046213
Spare disc,
diam. 30 mm
metal flat



FL046214
Spare disc,
diam. 30 mm
plastic flat



FL046NR 330 g
complete with:
FL046211 Spare disc metal convex
FL046212 Spare disc plastic convex
FL062206 Wrench
235 mm, 9 1/4"



FL057NR 380 g
240 mm, 9 1/2"



FL066NR 580 g
245 mm, 9 5/8"

■ Weight refers to the head weight of the respective mallet



FL062211

Spare disc, diam. 35 mm
metal convex



FL062212

Spare disc, diam. 35 mm
plastic convex



FL062213

Spare disc, diam. 35 mm
metal flat



FL062214

Spare disc, diam. 35 mm
plastic w



WAGNER

FL062NR 530 g

complete with:
FL062211 Spare disc metal convex
FL062212 Spare disc plastic convex
FL062206 Wrench
240 mm, 9 1/2"



FL062206

Wrench
for FL046NR and FL062NR
for changing the spare
discs



FL069NR 780 g

245 mm, 9 5/8"



- Weight refers to the head weight of the respective mallet

INFO Box

Mallet with slot KH113NR among other applicable with
cement extractors

ND079R-ND081R, ND089R.....22

cement extractor hooks

ND082R-ND084R22



KH113NR 680 g
Mallet with slot
280 mm, 11"



MB631NR 660 g
225 mm, 8 7/8"



LEXER

Art. No.	Width
FL400NR	4 mm
FL401NR	6 mm
FL402NR	8 mm
FL403NR	10 mm
FL405NR	15 mm
FL406NR	20 mm
FL407NR	25 mm
FL408NR	30 mm

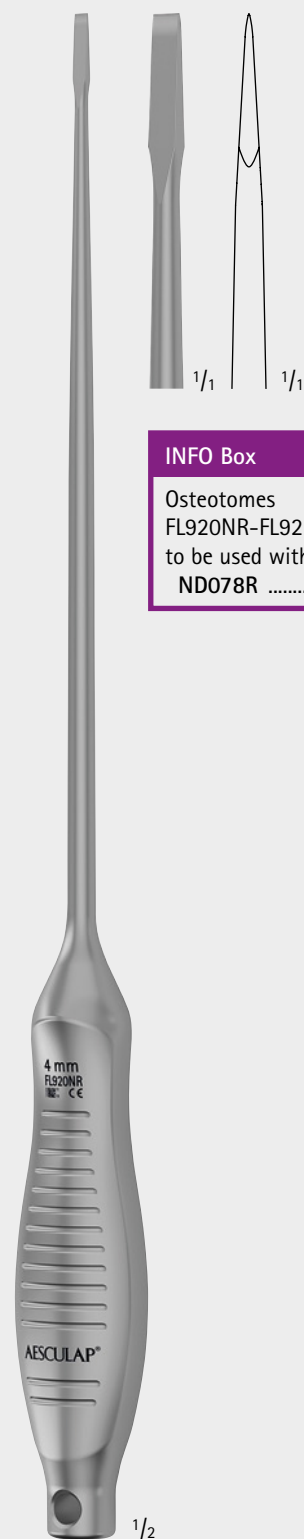
240 mm, 9 1/2"



LEXER

Art. No.	Width
FL820NR	4 mm
FL821NR	6 mm
FL822NR	8 mm
FL823NR	10 mm
FL825NR	15 mm
FL826NR	20 mm
FL827NR	25 mm
FL828NR	30 mm

300 mm, 11 3/4"



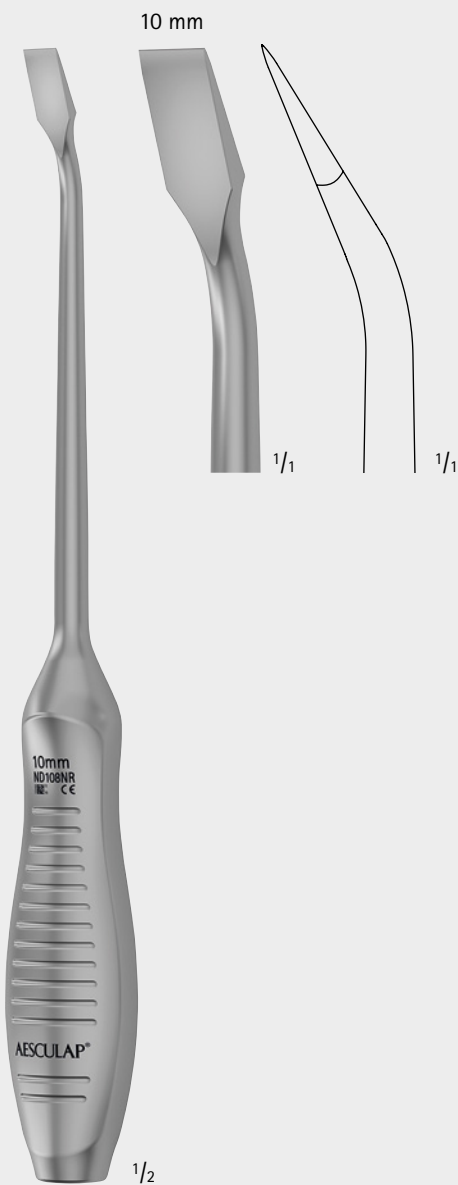
INFO Box

Osteotomes
FL920NR-FL927NR
to be used with cross bar
ND078R21

LEXER

Art. No.	Width
FL920NR	4 mm
FL922NR	8 mm
FL925NR	15 mm
FL927NR	25 mm

400 mm, 15 3/4"



LEXER
ND108NR
angled
300 mm, 11 3/4"

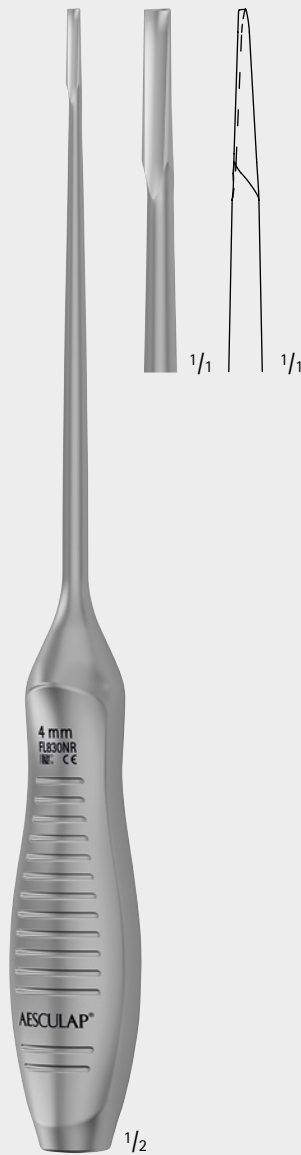


LEXER
ND109NR
angled
300 mm, 11 3/4"



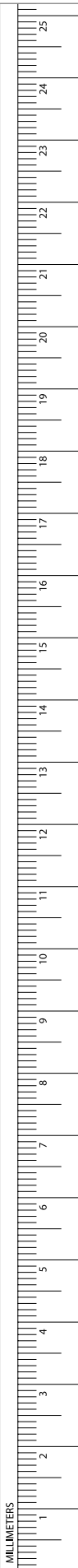
LEXER

Art. No.	Width
FL410NR	4 mm
FL411NR	6 mm
FL412NR	8 mm
FL413NR	10 mm
FL415NR	15 mm
FL416NR	20 mm
FL417NR	25 mm
FL418NR	30 mm
240 mm, 9 1/2"	



LEXER

Art. No.	Width
FL830NR	4 mm
FL831NR	6 mm
FL832NR	8 mm
FL833NR	10 mm
FL835NR	15 mm
FL836NR	20 mm
FL837NR	25 mm
FL838NR	30 mm
300 mm, 11 3/4"	

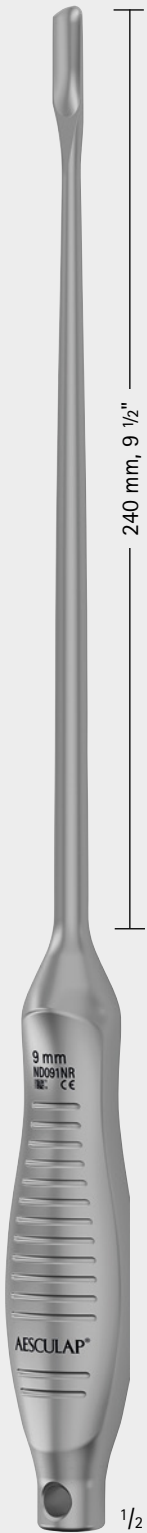


MILLIMETERS



INFO Box

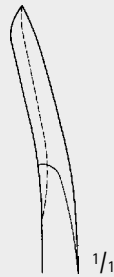
Gouges ND091NR-ND098NR to be used
with cross bar ND078R21



WAGNER

ND091NR-ND098NR

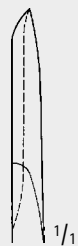
400 mm, 15 3/4"



angled forward



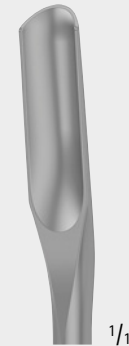
angled backward



straight



9 mm



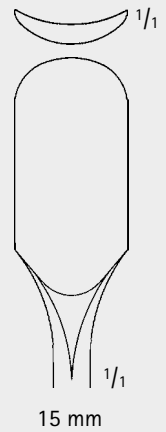
ND092NR



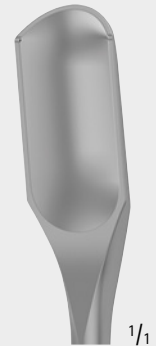
ND093NR



ND091NR



15 mm



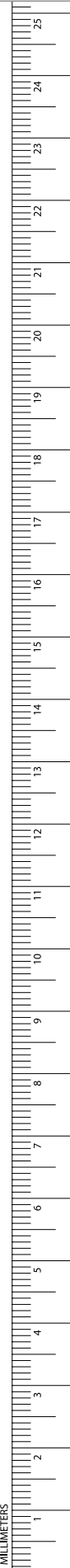
ND097NR



ND098NR



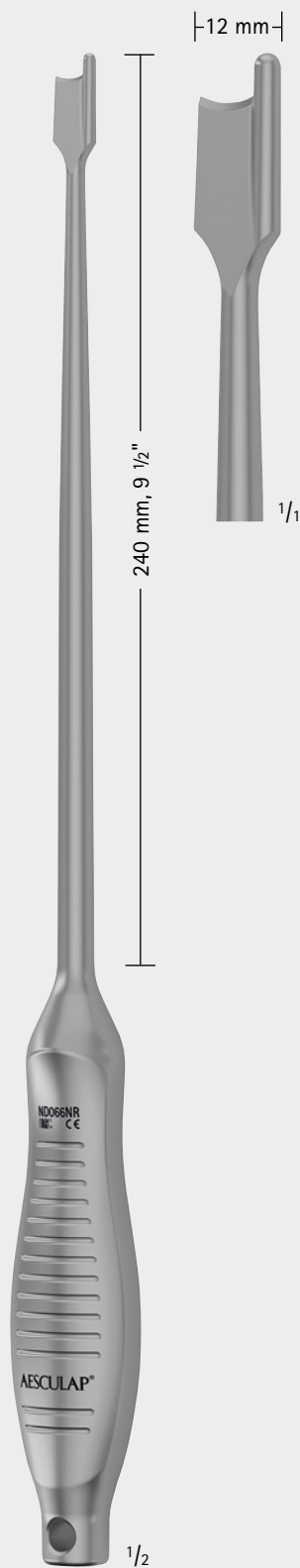
ND096NR



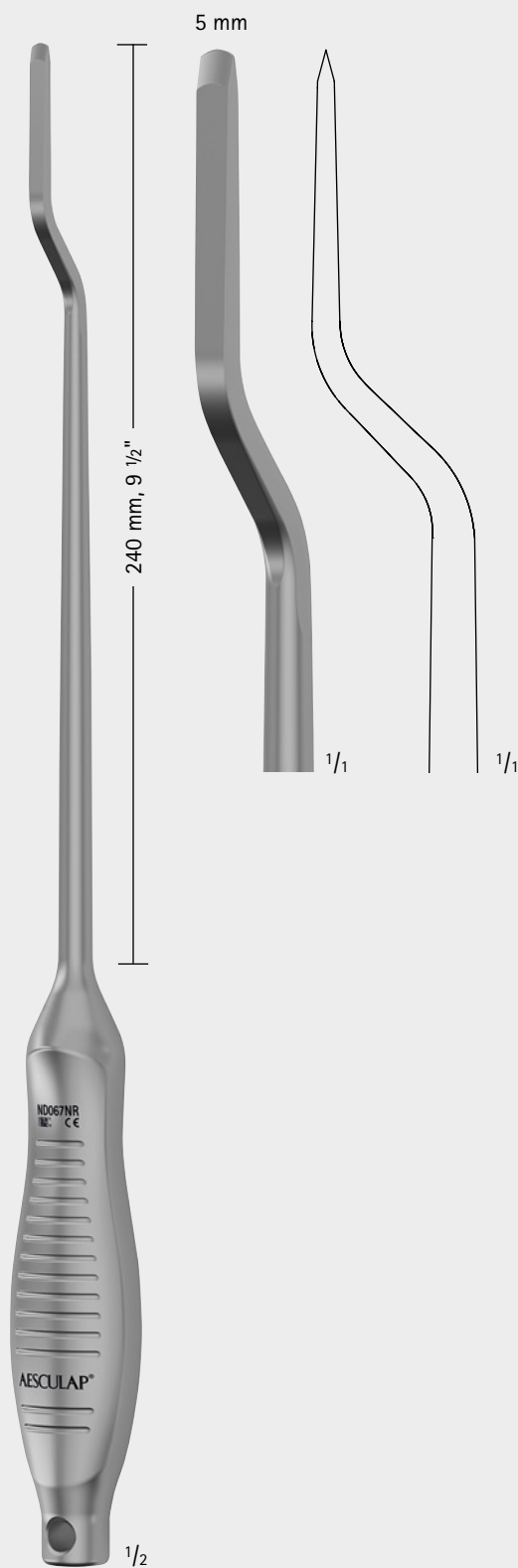


INFO Box

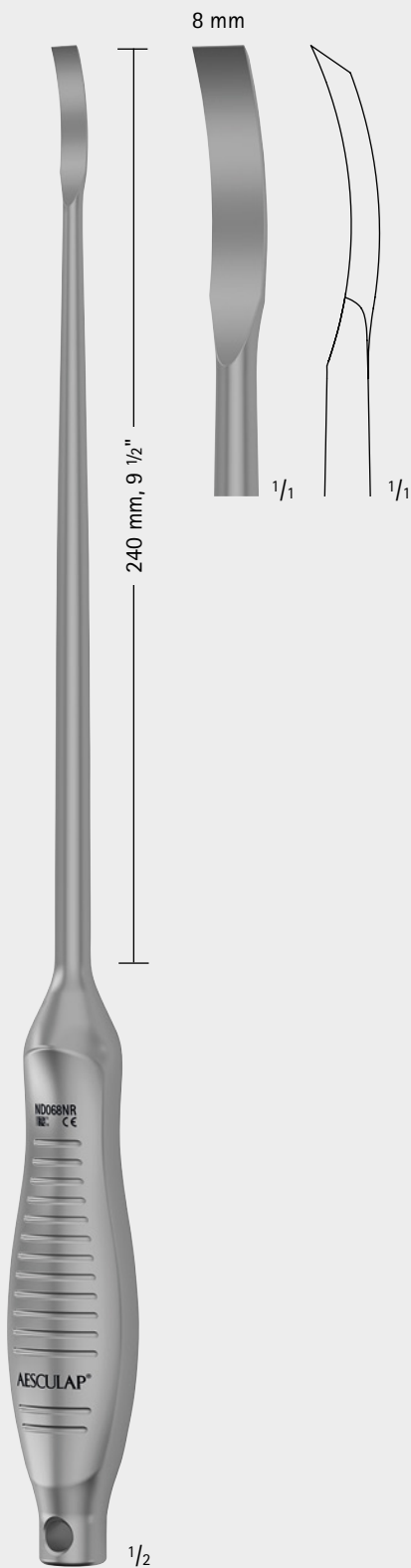
Chisels ND066NR-ND068NR
to be used with
cross bar ND078R 21



ND066NR
straight,
chamfered
400 mm, 15 3/4"



ND067NR
bayonet-shaped
400 mm, 15 3/4"



ND068NR

curved
400 mm, 15 3/4"

INFO Box

Cross bar ND078R for use
with osteostomes:

FL920NR-FL927NR 13

with chisels:

FL930NR-FL937NR 16

with gouges:

ND066NR-ND068NR 20, 21

ND091NR-ND098NR 19



ND078R

Cross bar
110 mm, 4 1/4"





INFO Box

Mallet with slot

KH113NR 12
among other applicable with
cement extractors ND079R-ND081R,
ND089R and
cement extractor hooks ND082R-ND084R



Art. No.	Tip size diam.	Shaft diam.
ND079R	8 mm	6 mm
ND080R	10 mm	6 mm
ND081R	12 mm	6 mm
ND089R	14 mm	6 mm

Cement extractors with thread
525 mm, 20 3/4"



Art. No.	Blade width	Shaft diam.
ND082R	6 mm	6 mm
ND083R	8 mm	6 mm
ND084R	10 mm	6 mm

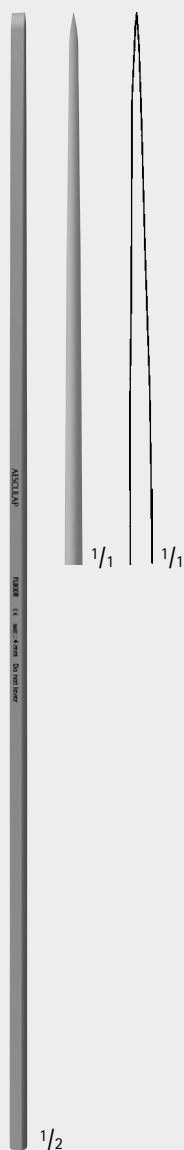
Cement extractor hooks
530 mm, 20 7/8"



LAMBOTTE

Art. No.	Width
FL650R	4 mm
FL663R	6 mm
FL651R	8 mm
FL652R	10 mm
FL653R	13 mm
FL654R	15 mm
FL655R	18 mm
FL656R	20 mm
FL658R	25 mm
FL659R	30 mm
FL660R	40 mm
FL662R	50 mm

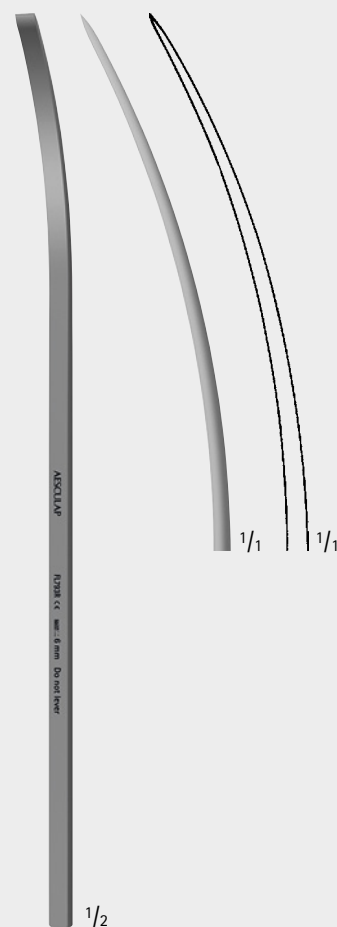
straight
240 mm, 9 1/2"



LAMBOTTE

Art. No.	Width
FL800R	4 mm
FL813R	6 mm
FL801R	8 mm
FL802R	10 mm
FL804R	15 mm
FL806R	20 mm
FL808R	25 mm
FL809R	30 mm
FL810R	40 mm
FL812R	50 mm

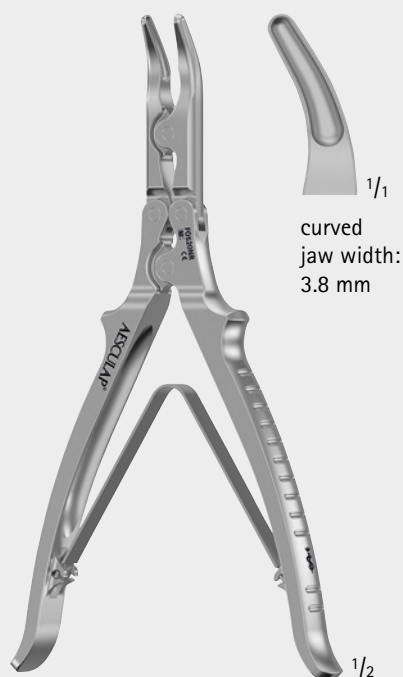
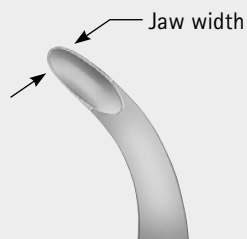
straight
300 mm, 11 3/4"



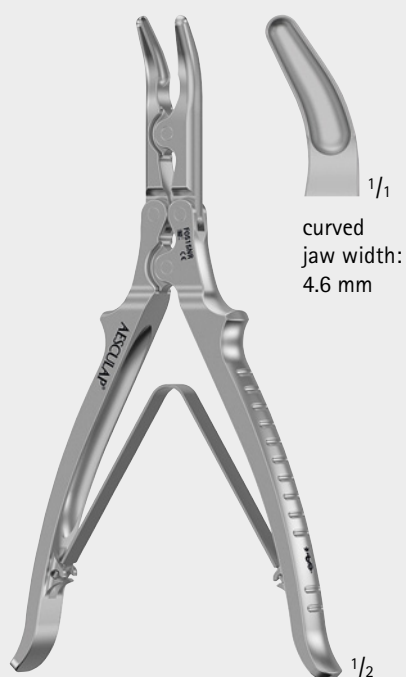
LAMBOTTE

Art. No.	Width
FL793R	6 mm
FL781R	8 mm
FL782R	10 mm
FL783R	15 mm
FL785R	20 mm
FL788R	25 mm
FL789R	30 mm
FL790R	40 mm

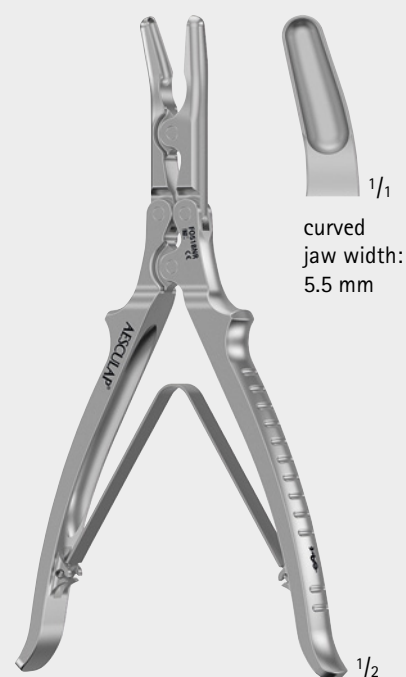
curved
240 mm, 9 1/2"



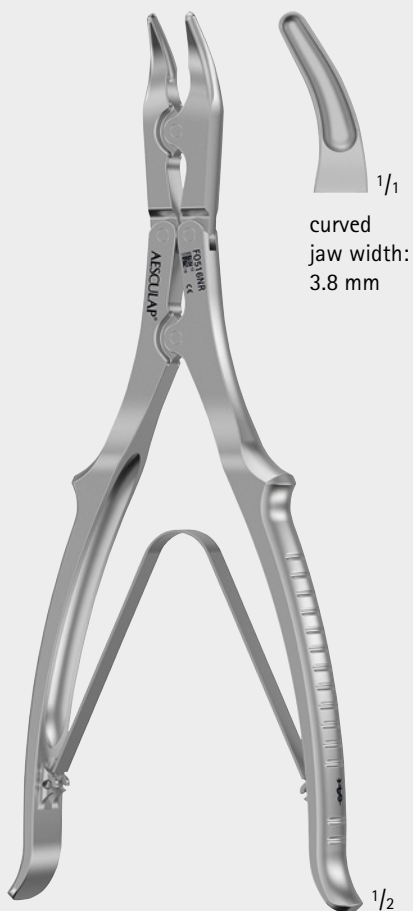
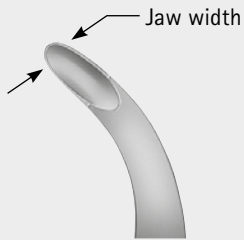
LUER
FO520NR
delicate pattern
180 mm, 7"



LUER
FO515NR
medium pattern
180 mm, 7"



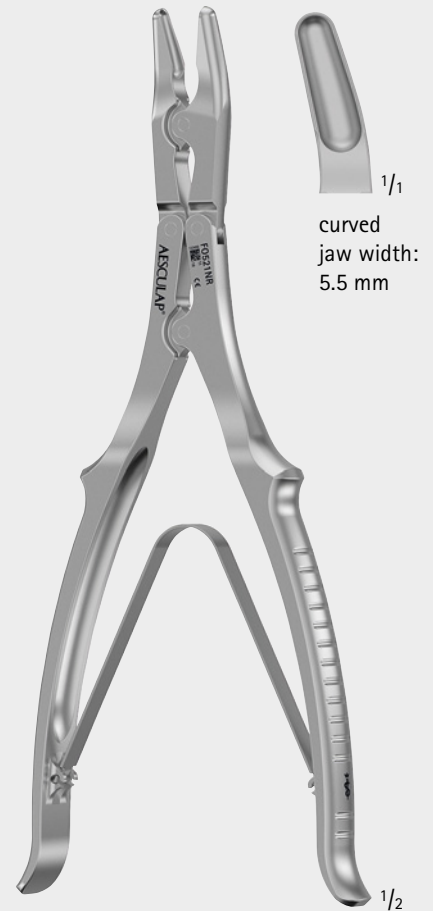
LUER
FO518NR
strong pattern
180 mm, 7"



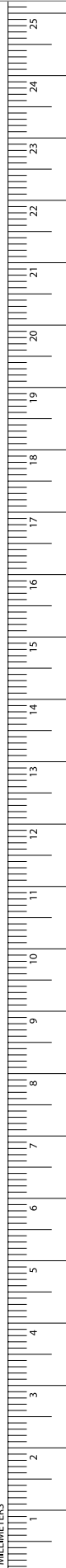
LUER
FO516NR
delicate pattern
240 mm, 9 1/2"

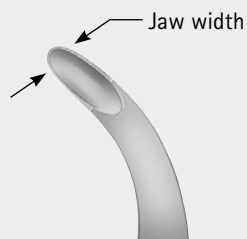


LUER
FO517NR
medium pattern
240 mm, 9 1/2"



LUER
FO521NR
strong pattern
240 mm, 9 1/2"

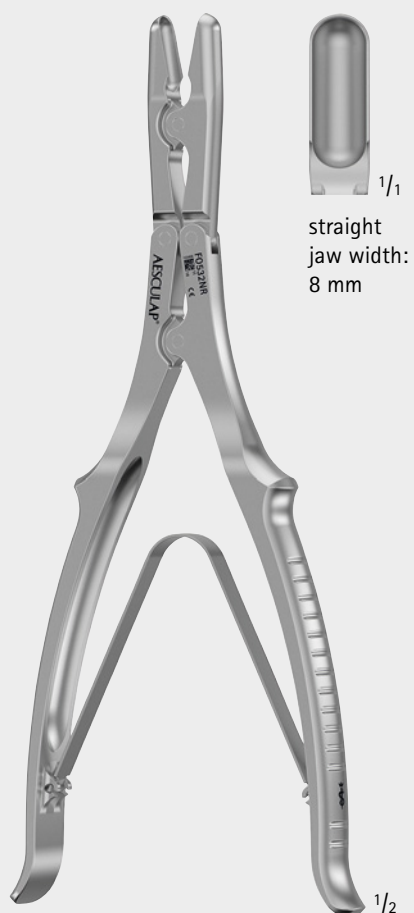




LUER-STILLE

FO530NR

very strong pattern
240 mm, 9 1/2"



LUER-STILLE

FO532NR

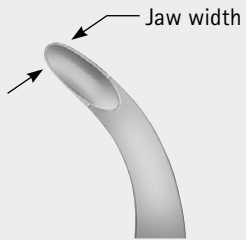
very strong pattern
240 mm, 9 1/2"



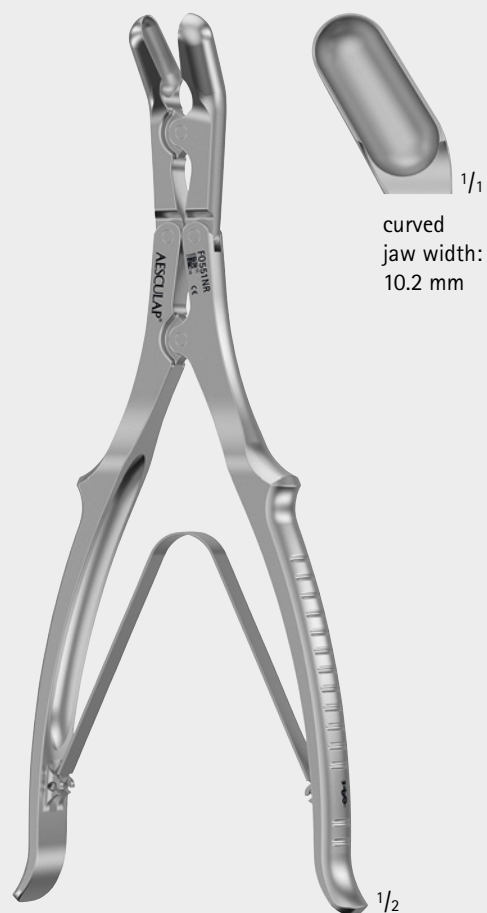
LUER-STILLE

FO534NR

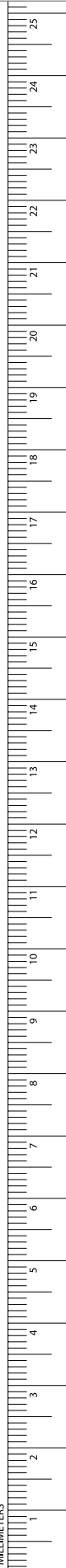
very strong pattern
240 mm, 9 1/2"



LUER-STILLE
FO550NR
extra strong pattern
240 mm, 9 1/2"



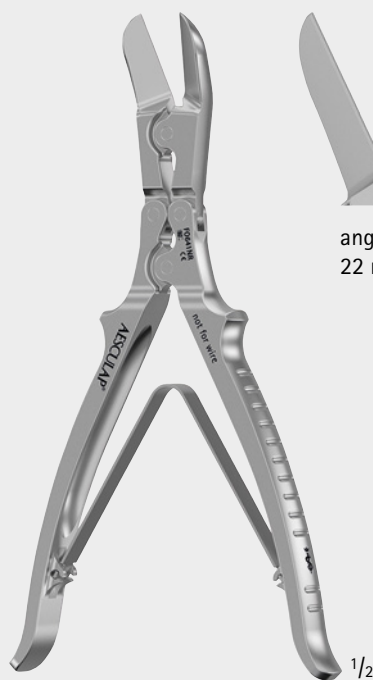
LUER-STILLE
FO551NR
extra strong pattern
240 mm, 9 1/2"





angled,
30 mm cutting edge

LISTON
FO645NR
240 mm, 9 1/2"



angled,
22 mm cutting edge

RUSKIN-LISTON
FO641NR
180 mm, 7"

2.8 mm



FK630NR

3.6 mm



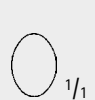
FK631NR

4.4 mm



FK632NR

5.2 mm



FK633NR

6.8 mm



FK634NR

8.5 mm



FK635NR

10 mm



FK636NR

11.5 mm



FK637NR

13 mm



FK638NR

14.5 mm



FK639NR



VOLKMANN

FK630NR-FK639NR

180 mm, 7"

2.8 mm



FK640NR

3.6 mm



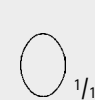
FK641NR

4.4 mm



FK642NR

5.2 mm



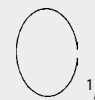
FK643NR

6.8 mm



FK644NR

8.5 mm



FK645NR

10 mm



FK646NR

11.5 mm



FK647NR

13 mm



FK648NR

14.5 mm



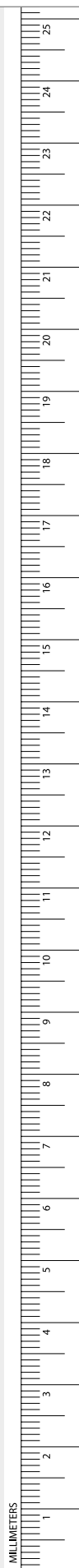
FK649NR



VOLKMANN

FK640NR-FK649NR

240 mm, 9 1/2"

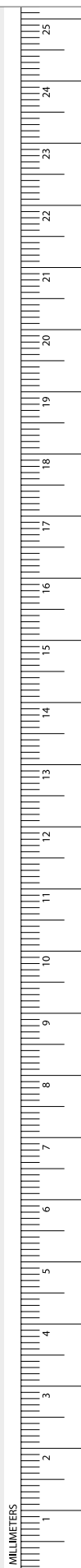


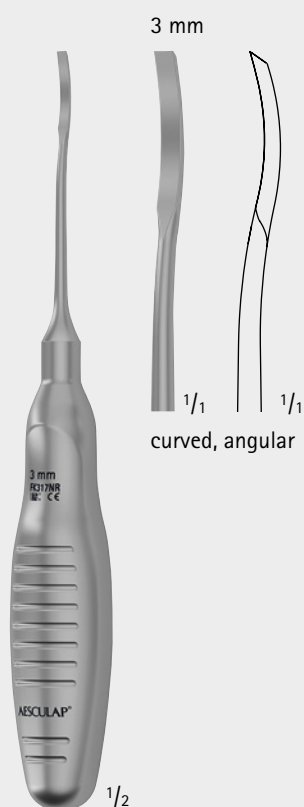
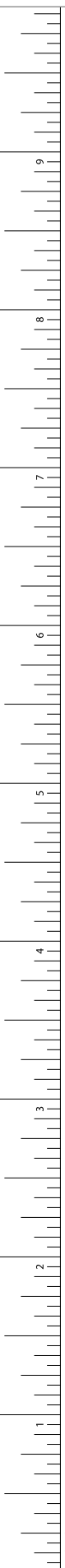


Art. No.	Width
FK696NR	9 mm
FK698NR	15 mm
300 mm, 11 3/4"	

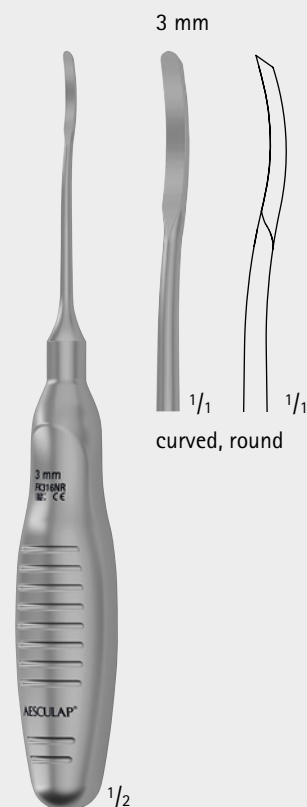


ND019NR
300 mm, 11 3/4"

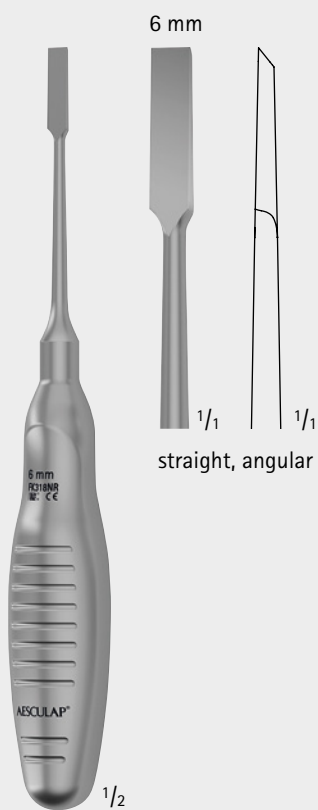




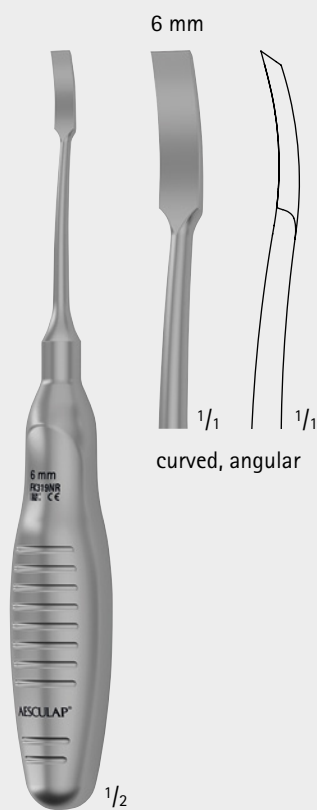
FK317NR
200 mm, 7 7/8"



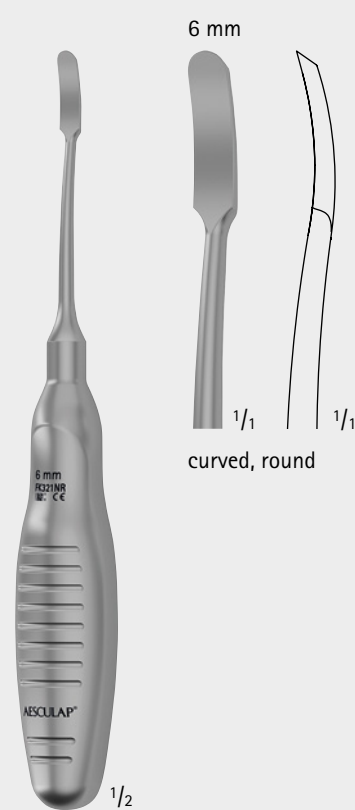
FK316NR
200 mm, 7 7/8"



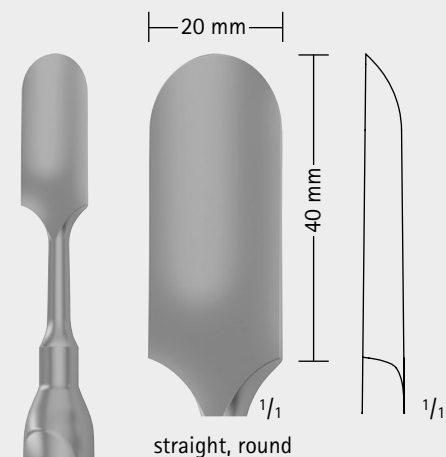
FK318NR
200 mm, 7 7/8"



FK319NR
200 mm, 7 7/8"



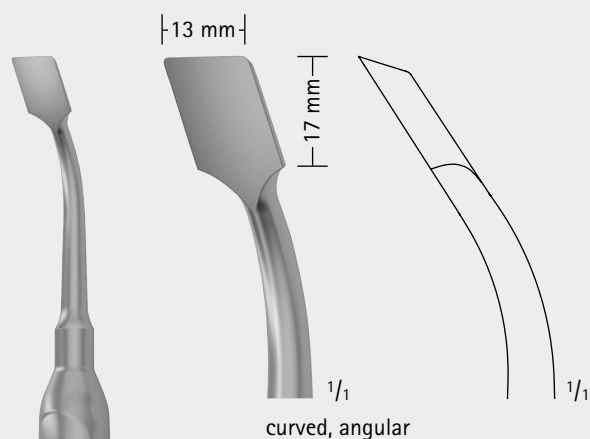
FK321NR
200 mm, 7 7/8"



straight, round

FK326NR

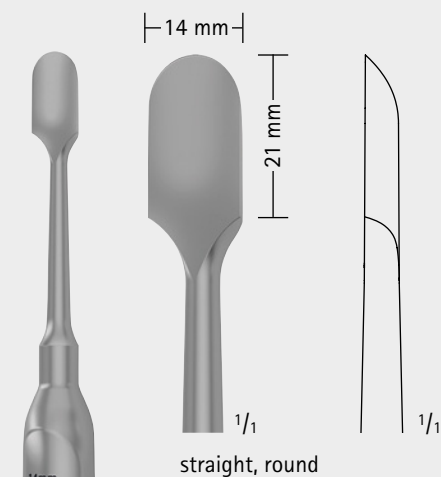
200 mm, 7 7/8"



curved, angular

FK323NR

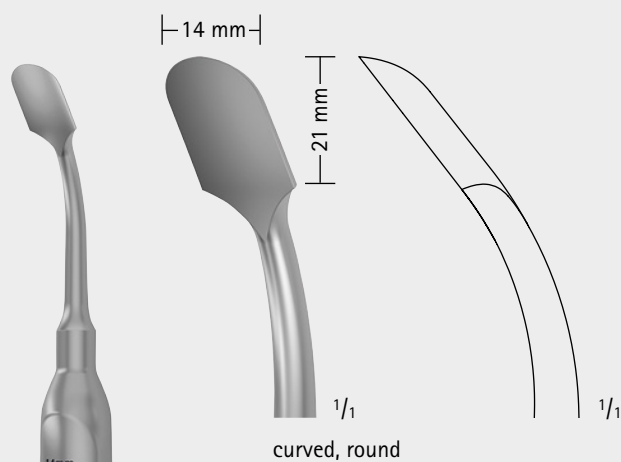
200 mm, 7 7/8"



straight, round

FK324NR

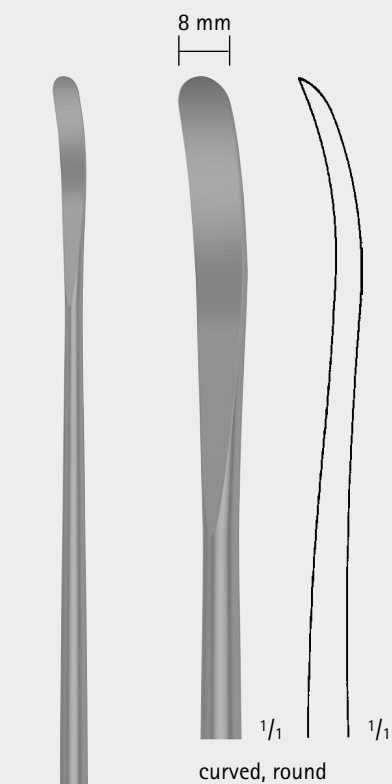
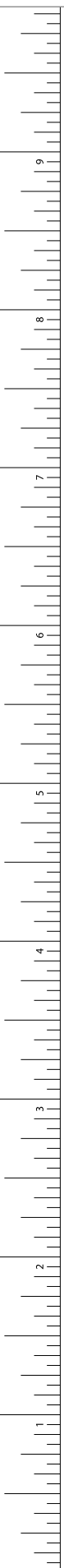
200 mm, 7 7/8"



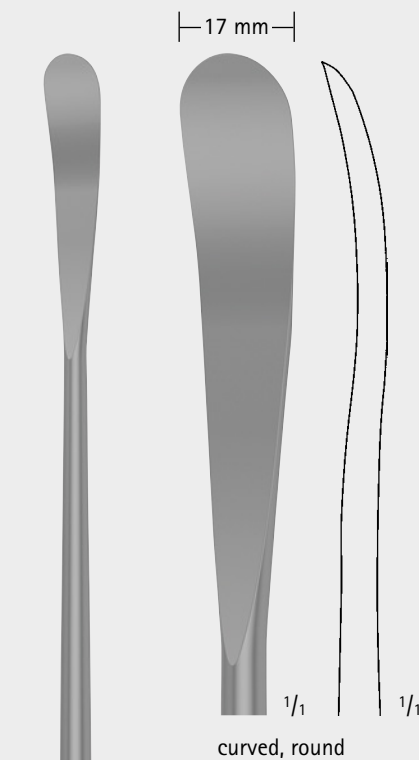
curved, round

FK325NR

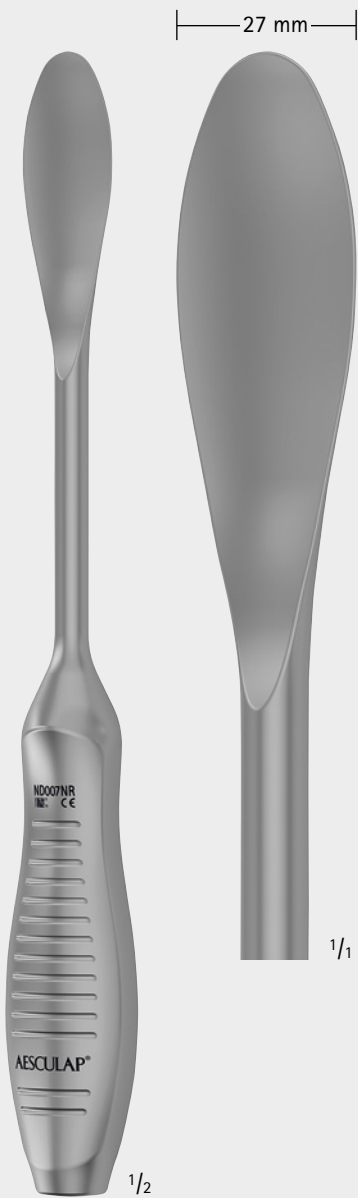
200 mm, 7 7/8"



WAGNER
FK423NR
400 mm, 15 3/4"

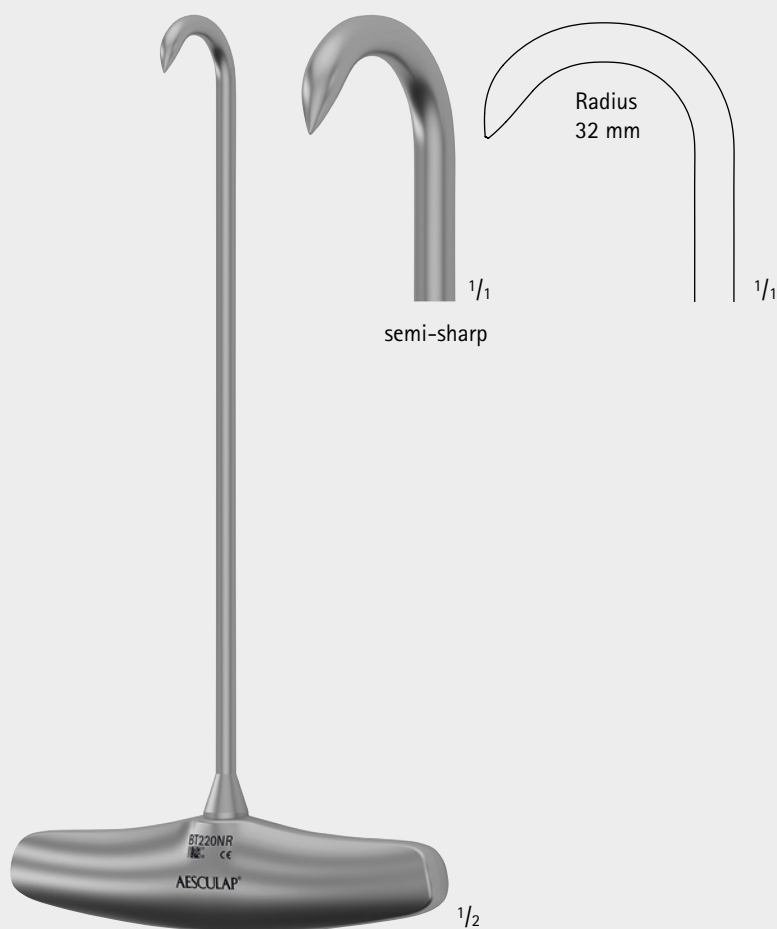


WAGNER
FK425NR
400 mm, 15 3/4"



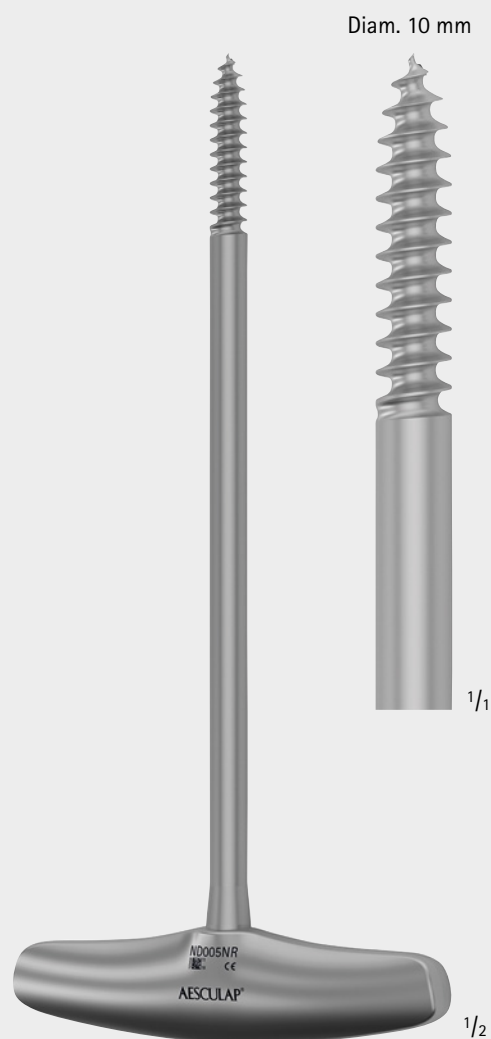
ND007NR

for dislocating the
femoral head
300 mm, 11 3/4"



BT220NR

Bone hook with T-handle
240 mm, 9 1/2"



ND005NR

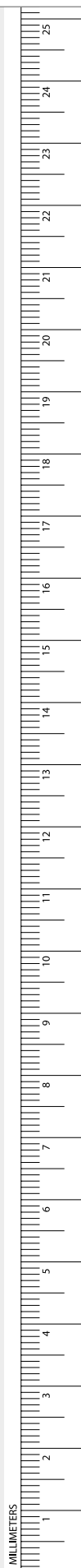
Drill with T-handle
for femoral head extraction
260 mm, 10 1/4"

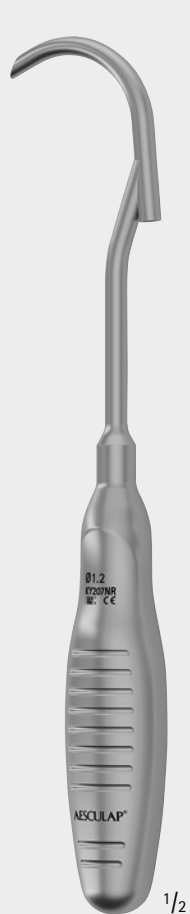
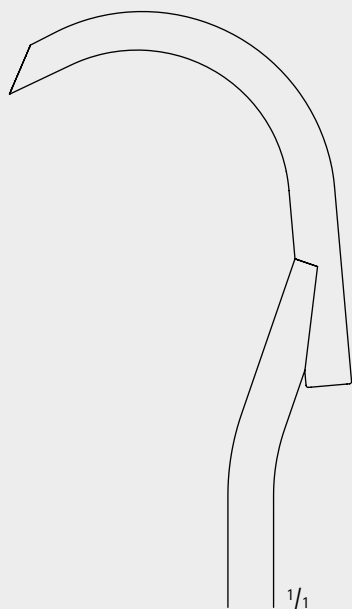
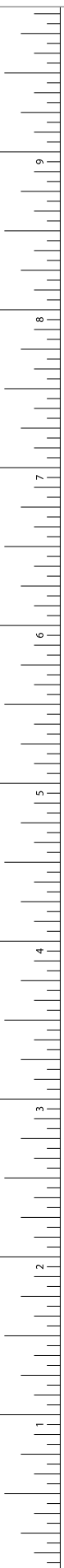


FO102NR
200 mm, 7 7/8"



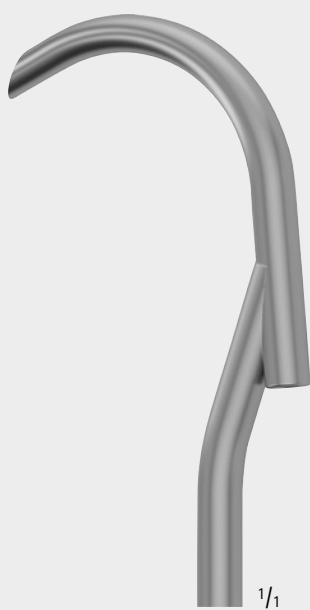
FO103NR
240 mm, 9 1/2"



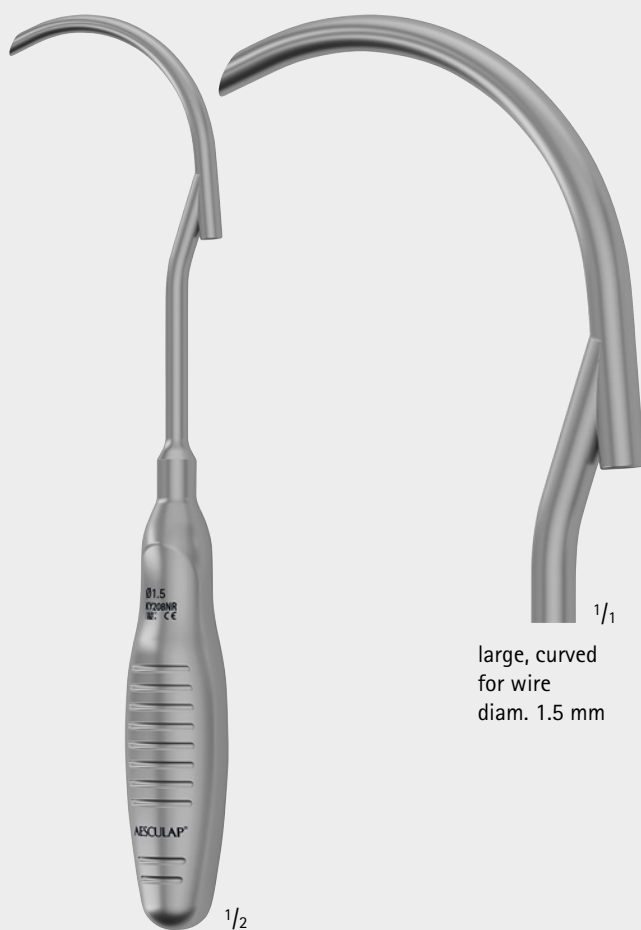
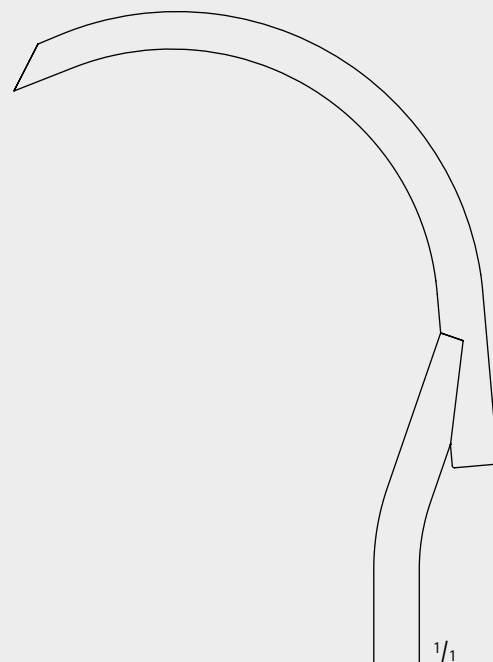


KY207NR

230 mm, 9"



small, curved
for wire
diam. 1.2 mm



KY208NR

240 mm, 9 1/2"

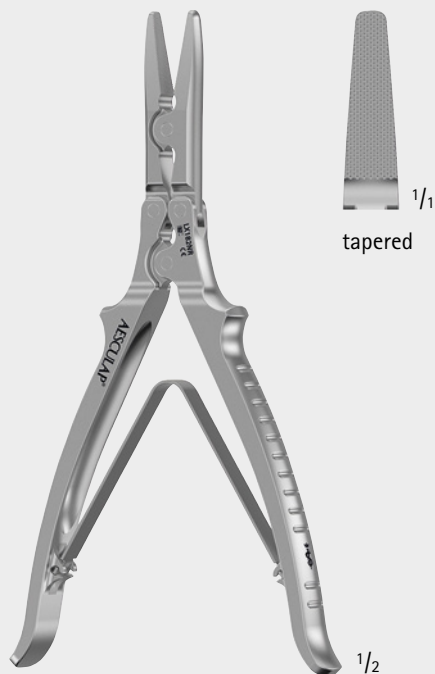
1/1

1/1

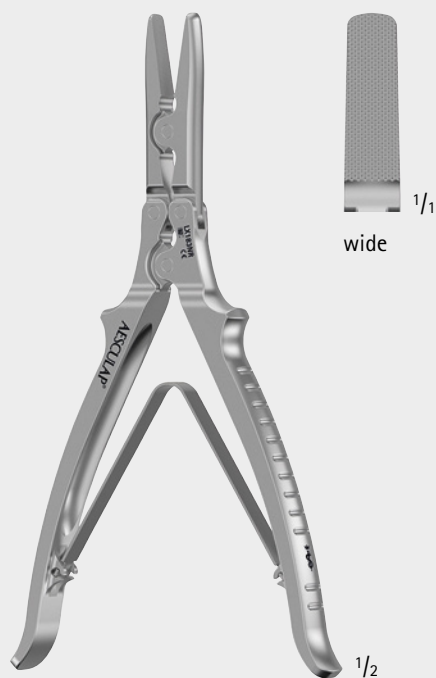
large, curved
for wire
diam. 1.5 mm



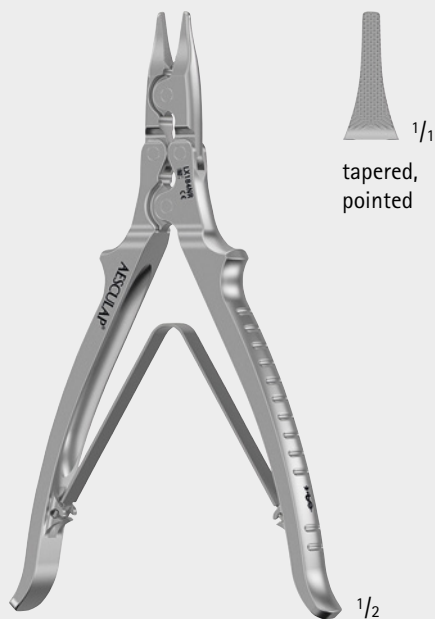
LX181NR
Round pliers
180 mm, 7"



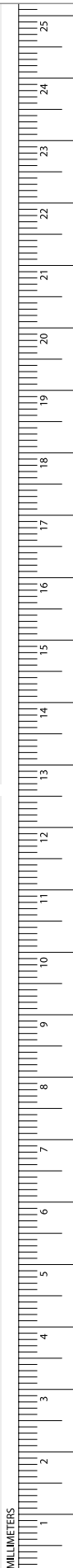
LX182NR
Extraction pliers
180 mm, 7"



LX183NR
Extraction pliers
180 mm, 7"



LX184NR
Extraction pliers
160 mm, 6 1/4"





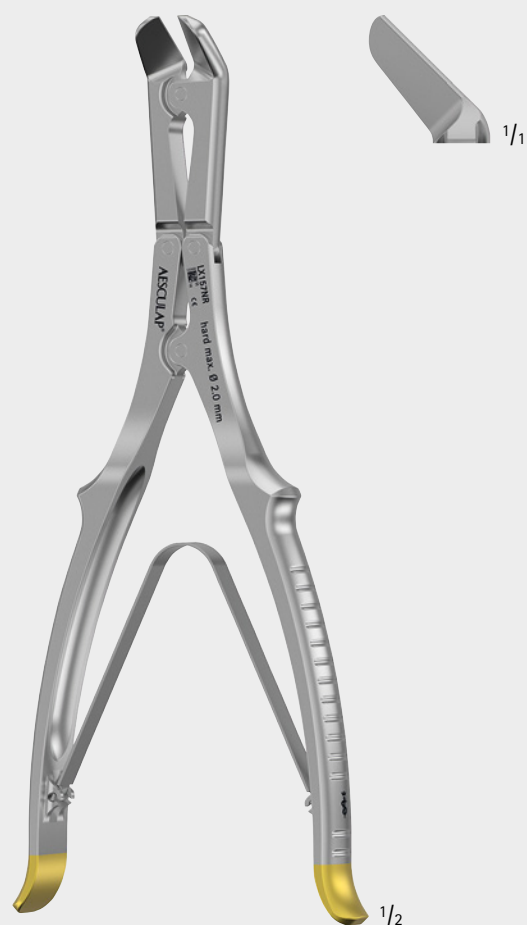
- specially hardened cutting edges



LX159NR

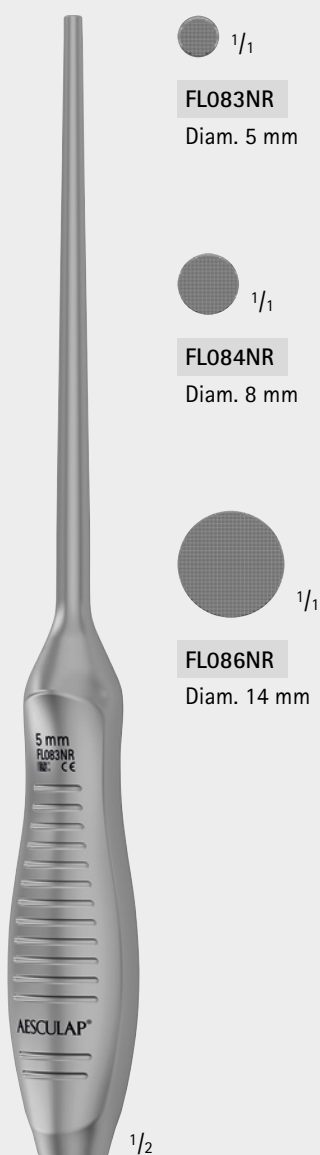
for hard wire with diam. maximum up to 1.5 mm
180 mm, 7"

- specially hardened cutting edges



LX157NR

for hard wire with diam. maximum up to 2.0 mm
240 mm, 9 1/2"



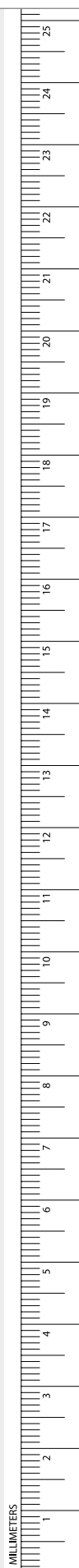
FL083NR-FL086NR
round, cross serrated
300 mm, 11 3/4"



ND584NR-ND588NR
rectangular, cross serrated
300 mm, 11 3/4"



ND587NR
curved



B. Braun Vascular Systems

Venostrip®

Disposable vein extirpation set



Security for user and patient

Venostrip®

Disposable vein extirpation set

Introduction

Venous diseases in legs belong to the most common found diseases. They exceed by far all other vascular diseases of the leg. In western countries appr. 15-20 % of the population suffer from varicose veins and appr. 0.5 % from ulcers of the leg.

For successful treatment of this frequent disease the easy handling of the instruments is most important.

For this purpose the Venostrip® is a new vein extirpation set offers the following advantages.

Advantages

- Polyfil, flexible, plastic-coated guidewire:
 - The flexibility of the wire offers excellent handling properties.
 - No memory effect – outstanding guidance of the wire.
 - Universal use for external and internal stripping.
- Sharp-edged stripping heads:
 - Minimal trauma during the extirpation of the vein.
 - Easy extirpation without resistance.
 - Excellent cosmetic results.
- Single use product:
 - Highest possible security for user and patient.

Product description

Venostrip®, a disposable vein stripper according to Gruß, consists of a plastic-coated guidewire, a handle and three stripping heads in 9, 12 and 15 mm diameter and one screw cap to fasten the stripping heads.

Indication

Extirpation of the large and small saphenous veins in uncomplicated primary varicosis, chronic venous insufficiency and in the case of serious cosmetic varicosity.

Side effects

Haematomas in the area of the extirpated vein and their side branches.



(Fig. 1) Insertion of **Venostrip®** into the great saphenous vein.



(Fig. 2) Inserted **Venostrip®** in the great saphenous vein.



(Fig. 3) Fixing of the stripper head on the guidewire.



Security for user and patient



(Fig. 4) Screw cap fixed on stripper head.



(Fig. 5) Insertion of the guidewire into the handle.



(Fig. 6) Visual control of the completely extirpated great saphenous vein.

Mode of application

Carefully dissect the saphenous vein through a cutaneous incision running from above the inguinal fold to the junction with the femoral vein. Tie off all the high tributaries with ligatures.

Double ligate the great saphenous vein at the level of the junction. Locate the distal end of the saphenous vein through a second incision over the first metatarsal. Divide and ligate the dorsal veins individually.

In principle the stripper may be introduced in either direction (valve incompetence). However, always first attempt to advance the stripper proximally from the foot to the groin (Fig. 1 + 2). Make a transverse incision in the vein over the groin and retrieve the stripper. Secure the stripper with a strong ligature. Then complete division of the vein below the junction with the deep vein and screw a stripper head of a suitable size onto the stripper (Fig. 3 + 4). Clip the stripper handle onto the distal end of the stripper wire (Fig. 5).

With the stripper in situ extirpate the local lateral branches and previously marked convoluted varices. Locate perforating veins by Doppler ultrasonography or phlebography and divide through short separate incisions.

Finally extract the great or small saphenous vein (Fig. 6), always from proximal to distal to avoid lesions of the saphenous and sural nerves. If internal stripping is preferred to external stripping, secure the vein with a strong ligature below the stripper wire head and pull gently on the handle to invert the vein over the stripper. The remainder of the procedure follows the description given above.

Contraindications

Varices must not be stripped during acute inflammation, for instance acute thrombophlebitis, florid erysipelas or acute phlebothrombosis.

In all cases ensure the functional integrity of the deep veins by suitable investigations such as Doppler ultrasonography, duplex scanning or ascending phlebography before use. The indication for surgery in secondary varicosis requires great responsibility and demands additional investigative procedures such as venous occlusion phletismography and phlebodynamometry. Great caution and a special incision are required in varicotomy in patients with attendant lymphoedema.

The clotting factors must be checked before surgery for varices.



AESCULAP®

Disposable vein extirpation set

All it takes to operate.



Product range

Article No.	Contents
5523184	Complete set, sterile Carton of 10 pieces
5523176	Stripper wire, sterile Carton of 10 pieces

For product information please
contact:

B. Braun Melsungen AG
Vascular Systems
Sieversufer 8
12359 Berlin
Phone +49 30 689897-0
Fax +49 30 689897-30
www.bbraun.com

B | BRAUN
SHARING EXPERTISE

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78532 Tuttlingen
Phone +49 7461 95-0
Fax +49 7461 95-2600
www.aesculap.de

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien mit PEEK-Griff

Raspatories with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)

FK



FK318R

190 mm, 7 1/2"



FK317R

185 mm, 7 1/4"



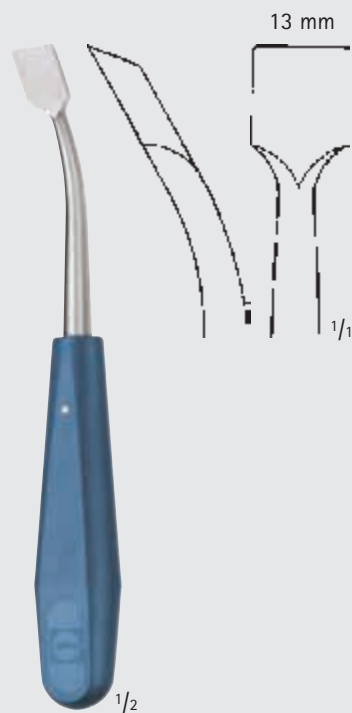
FK319R

190 mm, 7 1/2"



FK321R

190 mm, 7 1/2"



FK323R

175 mm, 7"



FK324R

190 mm, 7 1/2"



FK325R

180 mm, 7"

Nadelhalter – Needle Holders

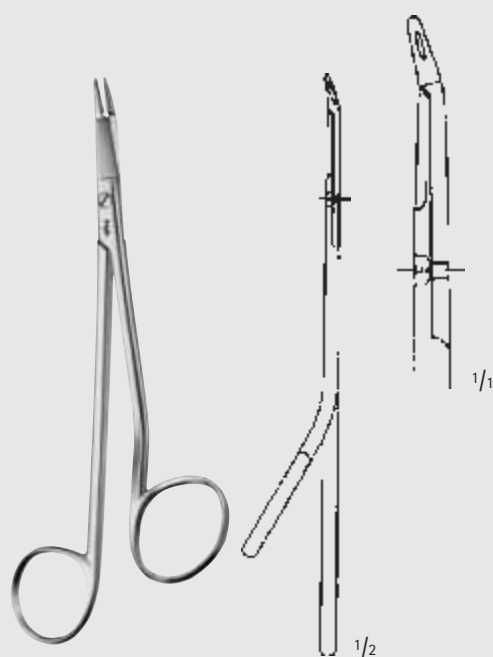
Nadelhalter mit Schere

Needle Holders with Scissors



HEGAR-OLSEN

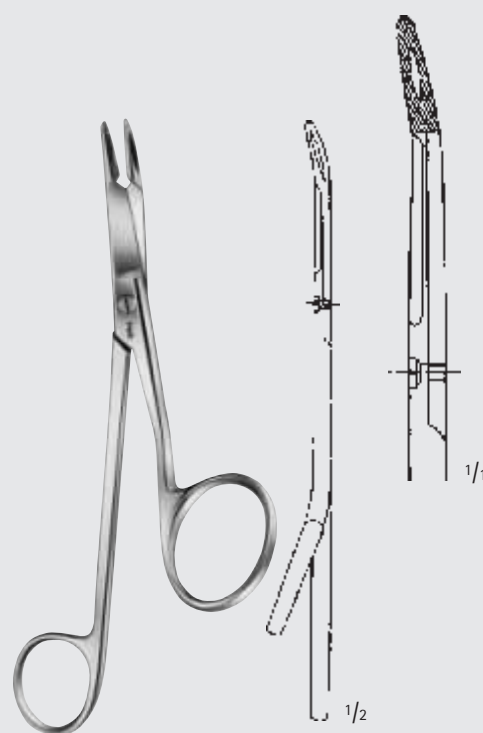
BM290R-BM291R



GILLIES

BM298R

150 mm, 6"



GILLIES

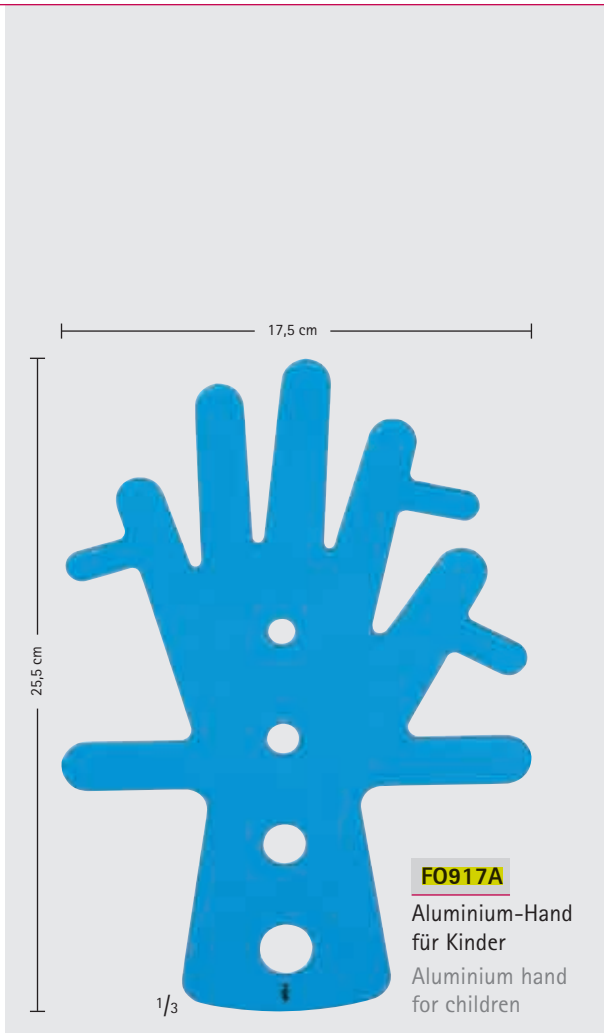
BM299R

160 mm, 6 1/4"

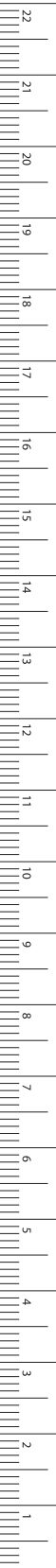


Knochenhaltezeugen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Bleihände, Handfixierplatte
Lead Hands, Hand Fixation Plate



FO



MILLIMETERS



Basis - Size 1/1

Container bodies

without base perforation = JK



with base perforation = JN



Lids for individual color combination

Inner lid



Outer lid



		Outside dimensions Length x Width x Height (mm)
JK440	JN440	592 x 274 x 90
JK441	JN441	592 x 274 x 120
JK442	JN442	592 x 274 x 135
JK444	JN444	592 x 274 x 187
JK446	JN446	592 x 274 x 247

	Color		Color
JK485	red	JK475A	red
JK486	blue	JK476A	blue
JK487	green	JK477A	green
JK488	gold	JK478A	gold
JK489	silver	JK479A	silver

Dimensions complete - Length x Width x Height (mm)

	Outside dimensions Inside dimensions	Outside dimensions Inside dimensions
Body 1/1	with inner lid	with outer lid
JK440	592 x 285 x 108 544 x 258 x 75	592 x 291 x 115 544 x 258 x 75
JK441	592 x 285 x 138 544 x 258 x 105	592 x 291 x 145 544 x 258 x 105
JK442	592 x 285 x 153 544 x 258 x 120	592 x 291 x 160 544 x 258 x 120
JK444	592 x 285 x 205 544 x 258 x 172	592 x 291 x 212 544 x 258 x 172
JK446	592 x 285 x 265 544 x 258 x 232	592 x 291 x 272 544 x 258 x 232

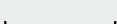
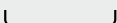
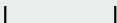
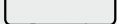
	Outside dimensions Inside dimensions	Outside dimensions Inside dimensions
Body 1/1	with inner lid	with outer lid
JN440	592 x 285 x 108 544 x 258 x 63	592 x 291 x 115 544 x 258 x 63
JN441	592 x 285 x 138 544 x 258 x 93	592 x 291 x 145 544 x 258 x 93
JN442	592 x 285 x 153 544 x 258 x 108	592 x 291 x 160 544 x 258 x 108
JN444	592 x 285 x 205 544 x 258 x 160	592 x 291 x 212 544 x 258 x 160
JN446	592 x 285 x 265 544 x 258 x 220	592 x 291 x 272 544 x 258 x 220

All dimensions: Length x Width x Height (mm)

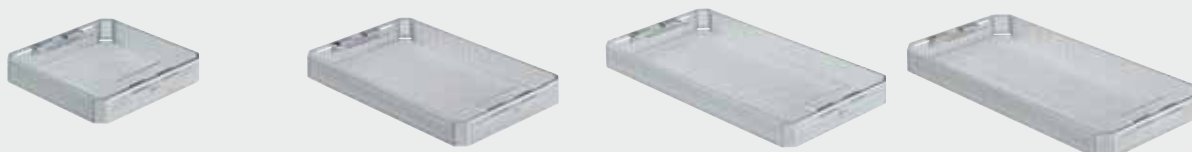


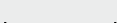
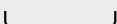
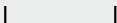
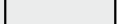
Basket **with** feet



		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.
 36	JF111R	243 x 253 x 36 241 x 251 x 22	JF251R	406 x 253 x 36 404 x 251 x 22	JF211R	485 x 253 x 36 483 x 251 x 22	JF221R	540 x 253 x 36 538 x 251 x 22
 56	JF112R	243 x 253 x 56 241 x 251 x 42	JF252R	406 x 253 x 56 404 x 251 x 42	JF212R	485 x 253 x 56 483 x 251 x 42	JF222R	540 x 253 x 56 538 x 251 x 42
 76	JF113R	243 x 253 x 76 241 x 251 x 62	JF253R	406 x 253 x 76 404 x 251 x 62	JF213R	485 x 253 x 76 483 x 251 x 62	JF223R	540 x 253 x 76 538 x 251 x 62
 106	JF114R	243 x 253 x 106 241 x 251 x 92	JF254R	406 x 253 x 106 404 x 251 x 92	JF214R	485 x 253 x 106 483 x 251 x 92	JF224R	540 x 253 x 106 538 x 251 x 92

Basket **without** feet



		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.
 24	JG111R	243 x 253 x 24 241 x 251 x 22	JG251R	406 x 253 x 24 404 x 251 x 22	JG211R	485 x 253 x 24 483 x 251 x 22	JG221R	540 x 253 x 24 538 x 251 x 22
 44	JG112R	243 x 253 x 44 241 x 251 x 42	JG252R	406 x 253 x 44 404 x 251 x 42	JG212R	485 x 253 x 44 483 x 251 x 42	JG222R	540 x 253 x 44 538 x 251 x 42
 64	JG113R	243 x 253 x 64 241 x 251 x 62	JG253R	406 x 253 x 64 404 x 251 x 62	JG213R	485 x 253 x 64 483 x 251 x 62	JG223R	540 x 253 x 64 538 x 251 x 62
 94	JG114R	243 x 253 x 94 241 x 251 x 92	JG254R	406 x 253 x 94 404 x 251 x 92	JG214R	485 x 253 x 94 483 x 251 x 92	JG224R	540 x 253 x 94 538 x 251 x 92

All dimensions: Length x Width x Height (mm)

Reusable filters



	Outside dim.
JK090	Ø 190

Aesculap reusable filter, round
for use in up to 1,000 cleaning and
sterilization cycles.

Order unit (PAK): Pack of 10



	Outside dim.
JK089	225 x 225

Aesculap reusable filter, square
for legacy Standard containers, service life
1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 10



	Outside dim.
	
JK091	95 x 215

Aesculap reusable filter
for Mini and Dental containers with filter
holder JK098, service life 1,000 cleaning and
sterilization cycles.

Order unit (PAK): Pack of 2



	Outside dim.
JK092	171 x 231

Aesculap reusable filter
for Dental containers without filter
holder JK098, service life 1,000 cleaning
and sterilization cycles.

Order unit (PAK): Pack of 2

Marking pens



JK086	

Marking pen for Aesculap
reusable filters

Order unit (PAK): Pack of 3



OK100R-OK102R



OK103R

CUSHING-LANDOLT Transssphenoidal Speculum

Catalog Number	Blade Size (mm)	Length (in.)
OK100R	70 x 15	-
OK101R	90 x 15	-
OK102R	110 x 15	-
OK103R	SPREADER FOR OK100R-OK102R	8 1/4



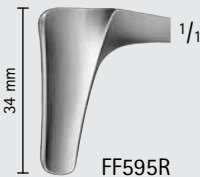
FF589R-FF591R



TE749R



FF595R



FF595R

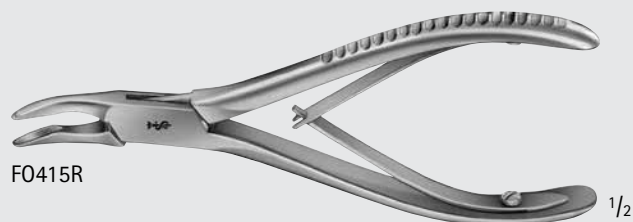
PAPAVERO-HARTMANN (CASPAR) Transssphenoidal Speculum, Slim, W/ Key

Catalog Number	Blade Size (mm)	Description	Length (in.)
FF589R	80 x 11	-	-
FF590R	90 x 13	-	-
FF591R	100 x 15	-	-
TE749R	-	HEX KEY	-
FF595R	34 x 9	SPREADER FOR FF589R-FF591R	5 1/2



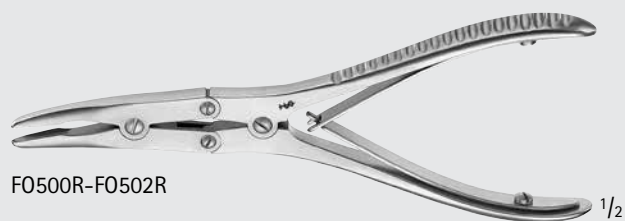
ENT-NASAL

Rongeurs



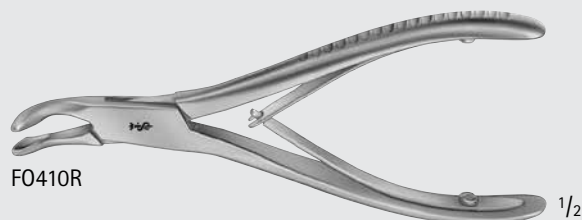
BLUMENTHAL Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO415R	3.5 x 25	CVD	6 1/8



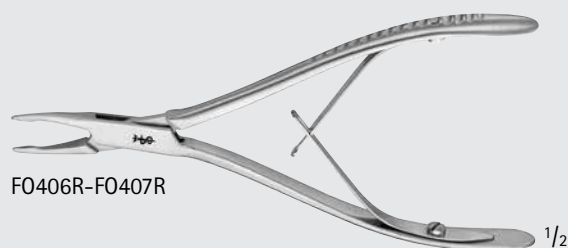
BOEHLER Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Jaw End	Length (in.)
FO500R	3.0 x 27	CVD	NARR	6 1/8
FO502R	3.5 x 30	CVD	WIDE	6 1/8



Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO410R	3.8 x 19	CVD	5 1/2

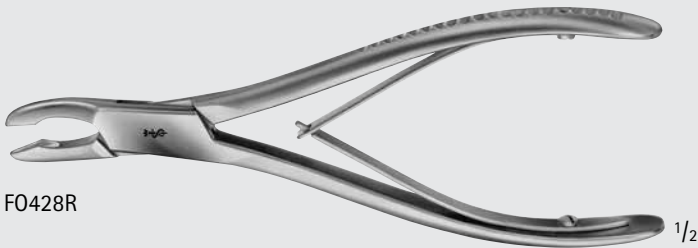


FRIEDMANN Micro Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO406R	1.3 x 19	STR	5 1/2
FO407R	1.3 x 20	CVD	5 1/2

Orthopedics/Spine

Rongeurs



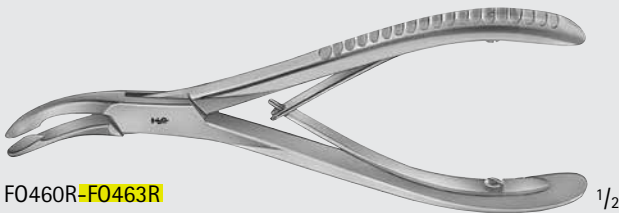
F0428R



F0428R

HAKANSSON Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0428R	4.5 x 24	CVD	6 3/4



F0460R-F0463R



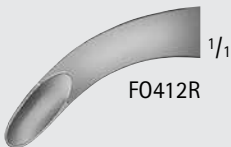
F0460R



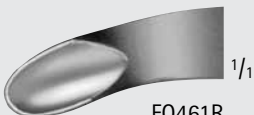
F0462R



F0411R



F0412R



F0461R



F0463R

LUER Bone Rongeur

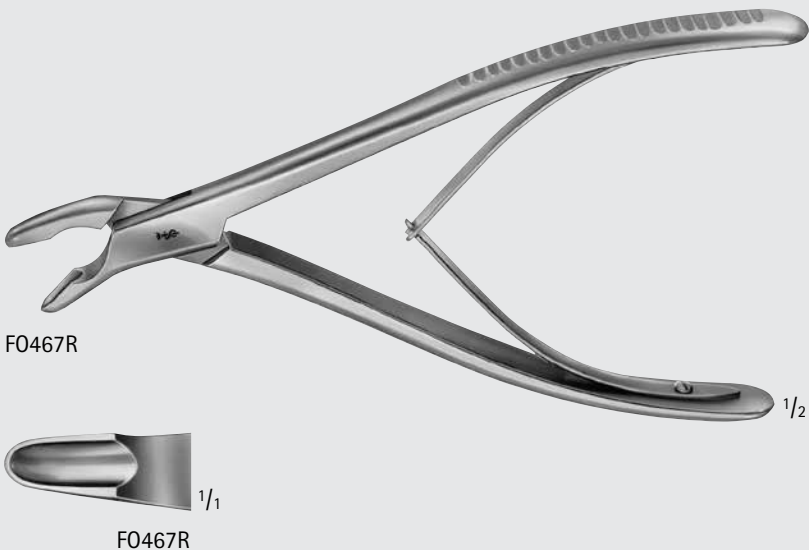
Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0460R	7.5 x 25	STR	6 7/8
F0462R	9.5 x 33	STR	7
F0411R	4.2 x 20	CVD	6
F0412R	4.2 x 26	STRONG CVD	6 1/8
F0461R	7.5 x 24.5	CVD	6 7/8
F0463R	9.0 x 30	CVD	7

ORTHO
SPINE

MILLIMETERS

Orthopedics/Spine

Rongeurs

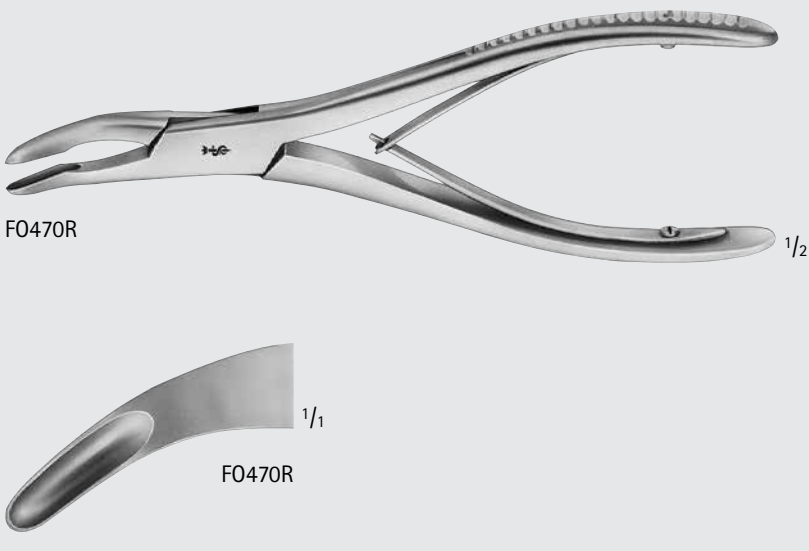


F0467R

F0467R 1/1

TROTTER Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0467R	6.5 x 24	CVD	8

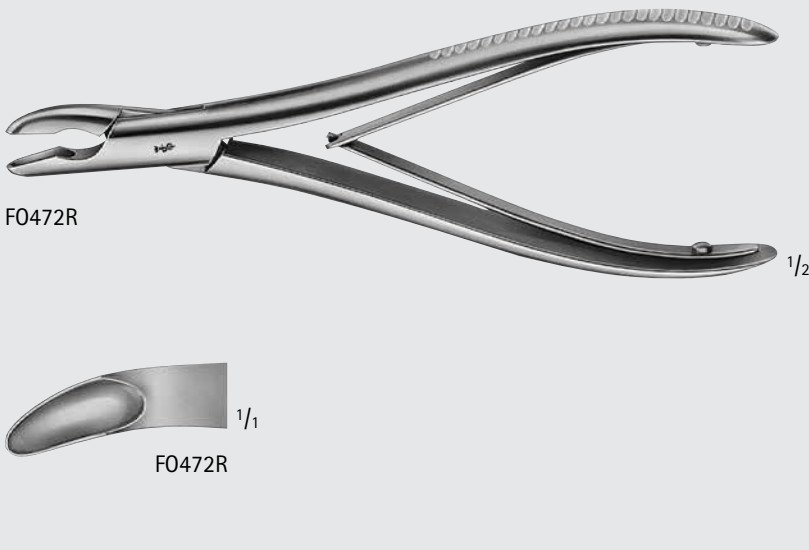


F0470R

F0470R 1/1

OLIVECRONA Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0470R	5.0 x 36.5	CVD	8



F0472R

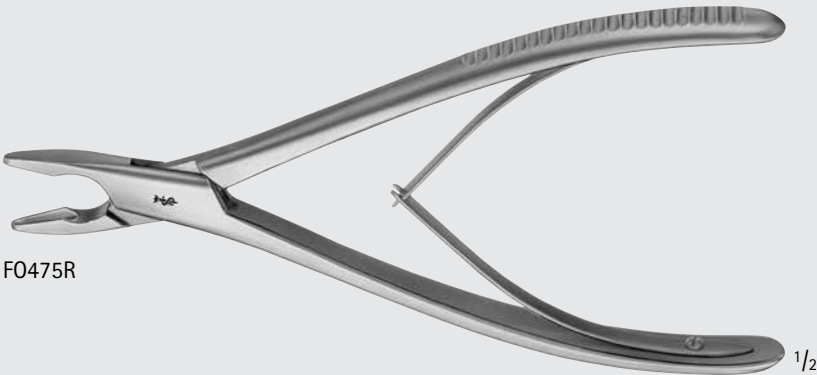
F0472R 1/1

GULEKE Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0472R	6.5 x 27	CVD	8

PENNYBACKER Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0475R	4.0 x 26	STR	8



F0475R

1/2

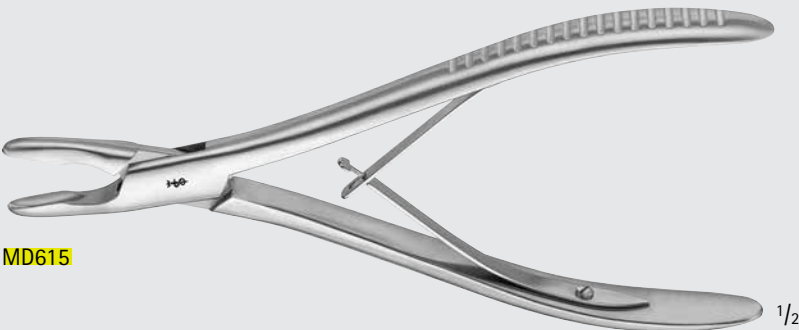


1/1

F0475R

ADSON Cranial Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MD615	21.0 x 31.5	STR	7 7/8



MD615

1/2

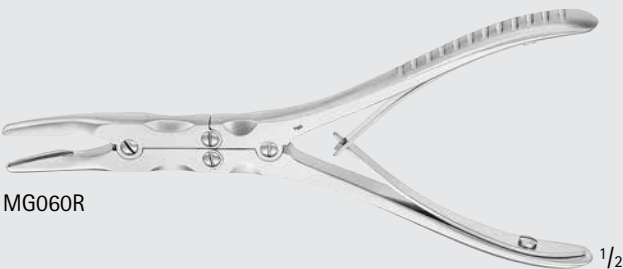


1/1

MD615

KLEINERT-KUTZ Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MG060R	3.0 x 15.0	SLIGHT, CVD	6 1/8



MG060R

1/2



1/1

MG060R



ORTHO
SPINE

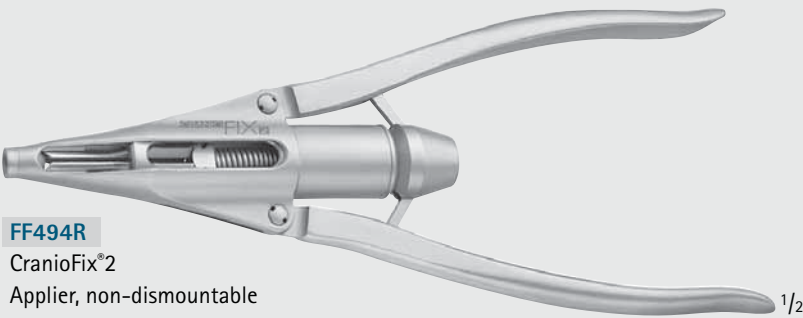
INCHES

CranioFix®2 Implants



Art. No.	Diam.	Sales unit	Description
FF490T	11 mm	PAK = 12 pieces	for craniotomy gap
FF491T	16 mm	PAK = 6 pieces	for small burrholes
FF492T	20 mm	PAK = 6 pieces	for large burrholes

CranioFix®2 Instruments



FF494R
CranioFix®2
Applier, non-dismountable
with automatic stop
205 mm, 8"



FF105R
CranioFix®2
Holding forceps
115 mm, 4 1/2"



FF103R
CranioFix®2
Pin cutter
145 mm, 5 3/4"



FF104R
CranioFix®2
Removal forceps
130 mm, 5 1/8"

Closure

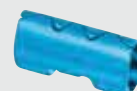
RANEY Scalp clip clamps and clips



RANEY
FF003R
Applying and removing forceps
for scalp hemostasis clips FF001R
and FF015P
160 mm, 6 1/4"



RANEY
FF001R
Metal scalp hemostasis clip, reusable
Sales unit:
PAK = Package of 25 pieces



RANEY
FF015P
Plastic scalp hemostasis clip,
sterile, single use
Sales unit:
PAK = 20 packages of 10 pieces =
200 pieces

ScalpFix® System



FF013P
Scalp clips
Sales unit:
PAK = 1 Box of 20 single
sterile packed
cartridges with
10 scalp clips each



FF012R
Applicator, made of
aluminium, reusable



FF007P
Applicator, made of
polymer, reusable



FF014R
Removing forceps
150 mm, 6"

MD371
Combination tray with lid
for ScalpFix® and CranioFix®2
(instruments not included)
■ Detailed description of possible
contents please see page 660.

Table of set content

HAUSER-23-502-17 LAMINECTOMY RETR.50X20 MM RIGHT 190 mm



HAUSER-23-503-17 LAMINECTOMY RETR.50X20 MM LEFT 190 mm

