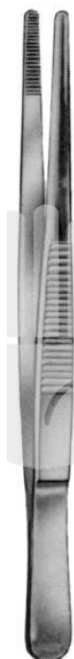


Perusinstrumentit

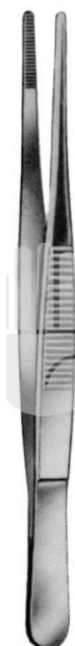
valmistaja HEBU Medical Saksa

Anatomiset atulat



Standard suora

HB199	10,5 cm
HB200	11,5 cm
HB201	13,0 cm
HB202	14,5 cm
HB203	16,0 cm
HB204	18,0 cm
HB205	20,0 cm
HB206	25,0 cm
HB207	30,0 cm



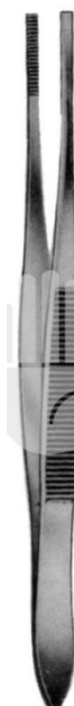
Standard suora kapea

HB220	11,5 cm
HB221	13,0 cm
HB222	14,5 cm
HB223	16,0 cm
HB224	18,0 cm
HB225	20,0 cm
HB226	25,0 cm
HB227	30,0 cm



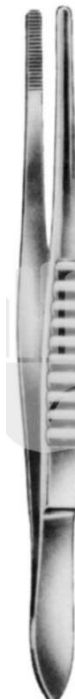
Standard hento

HB241	13,0 cm
HB242	14,5 cm



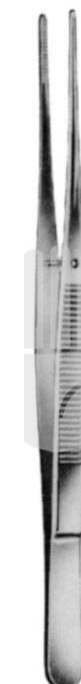
Swedish suora, tasapäinen

HB247	13,0 cm
HB248	15,0 cm
HB249	17,0 cm



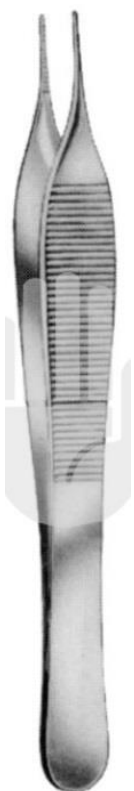
USA Standard

HB250	12,0 cm
HB251	13,0 cm
HB252	14,5 cm
HB253	15,5 cm
HB254	18,0 cm
HB255	21,0 cm
HB256	25,0 cm
HB257	31,0 cm



Semken

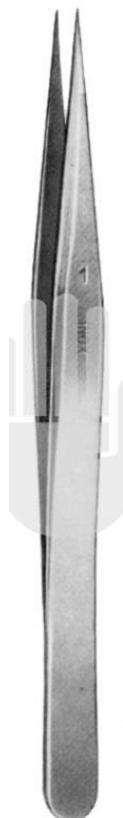
HB271	12,5 cm
HB272	15,0 cm


Adson 1,2 mm

HB275	12,0 cm
HB275-15	15,0 cm

Adson Micro 0,8 mm

HB274	12,0 cm
HB274-15	15,0 cm


Kelloseppäatula 0,3 mm

HB101
HB102

Kelloseppäatula 0,2 mm

HB103
HB104

Kirurgiset atulat


Standard 1:2

HB308	10,5 cm
HB300	11,5 cm
HB301	13,0 cm
HB302	14,5 cm
HB303	16,0 cm
HB304	18,0 cm
HB305	20,0 cm
HB306	25,0 cm
HB307	30,0 cm


Standard 1:2, kapea

HB331	13,0 cm
HB332	14,5 cm
HB333	16,0 cm
HB335	20,0 cm


Standard 1:2, hento

HB371	13,0 cm
HB372	14,5 cm
HB373	15,0 cm


**Semken 1:2
hento**

HB381	12,5 cm
HB382	15,0 cm


**Adson 1:2
1,2 mm**

HB385	12,0 cm
HB385-15	15,0 cm

**Adson Micro 1:2
0,8 mm**

HB384	12,0 cm
HB384-15	15,0 cm


Adlerkreutz 2:3

HB374-15	15,0 cm
HB374-20	20,0 cm
HB374-25	25,0 cm

Adlerkreutz 4:5

HB375-15	15,0 cm
HB375-20	20,0 cm
HB375-25	25,0 cm


Gillies 1:2

HB387	15,0 cm
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USA Standard 1:2

HB340	12,0 cm
HB341	13,0 cm
HB342	14,5 cm
HB343	15,5 cm
HB344	18,0 cm
HB345	21,0 cm
HB346	25,0 cm
HB347	31,0 cm


USA Standard 2:3

HB350	12,0 cm
HB351	13,0 cm
HB352	14,5 cm
HB353	15,5 cm
HB354	18,0 cm
HB355	21,0 cm
HB356	25,0 cm
HB357	31,0 cm

Verisuoniatulat



**De Bakey, erittäin hieno
1,1 mm hammastus**

HB420-01	15,5 cm
HB420-02	20,0 cm
HB420-03	24,5 cm



**De Bakey, suora
1,5 mm**

HB420-16	16,0 cm
HB420-20	20,0 cm
HB420-24	24,0 cm
HB420-30	30,0 cm

**De Bakey, suora
2,0 mm**

HB421-16	16,0 cm
HB421-20	20,0 cm
HB421-24	24,0 cm
HB421-30	30,0 cm

**De Bakey suora
2,7 mm**

HB422-16	16,0 cm
HB422-20	20,0 cm
HB422-24	24,0 cm
HB422-30	30,0 cm

**De Bakey suora
3,5 mm**

HB423-16	16,0 cm
HB423-20	20,0 cm
HB423-24	24,0 cm
HB423-30	30,0 cm

Vierasesineatulat



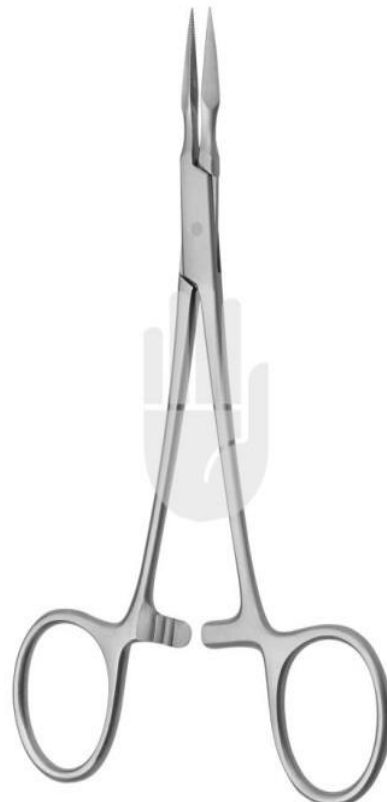
Hunter, suora

HB474	10,5 cm
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Hunter, käyrä

HB475	10,5 cm
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Stieglitz, lukollinen

HB481	13,5 cm
HB482	13,5 cm

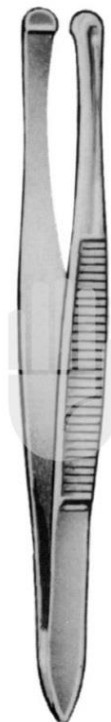


HB481



HB482

Muut atulat



Beer, sileä

HB491 8,0 cm
HB492 9,0 cm



Littauer hammastettu

HB493 8,5 cm

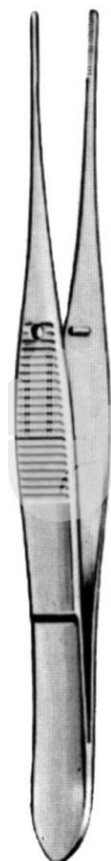


Douglas, kapea

HB494-01 9,0 cm

Douglas leveä

HB494-02 9,0 cm



Graefe 10,0 cm 0,9 mm *reflattu



HB7005 HB7006 HB7007



HB7008 HB7009 HB7010



Jansen, bayonet

HB5562	16,0 cm	
HB5562F	16,0 cm	hento
HB5563	18,0 cm	
HB5563F	18,0 cm	hento

Grunwald-Jansen

HB5564	20,0 cm	
HB5564F	20,0 cm	hento

* refluus/hammastus on terien sisäpinnassa, ei laidoissa

Sakset



Standard suorak

ty/ty

te/ty

te/te



10,5 cm
11,5 cm
13,0 cm
14,5 cm
15,5 cm
16,5 cm

HB1701
HB1702
HB1703
HB1704
HB1705
HB1706

HB1711
HB1712
HB1713
HB1714
HB1715
HB1716

HB1721
HB1722
HB1723
HB1724
HB1725
HB1726

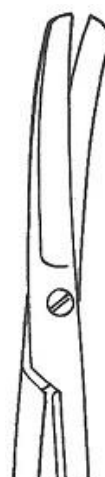


Standard käyrät

ty/ty

te/ty

te/te



10,5 cm
11,5 cm
13,0 cm
14,5 cm
15,5 cm
16,5 cm

HB1731
HB1732
HB1733
HB1734
HB1735
HB1736

HB1741
HB1742
HB1743
HB1744
HB1745
HB1746

HB1751
HB1752
HB1753
HB1754
HB1755
HB1756



Mayo lankasakset, suorat

HB1791	14,5 cm
HB1792	15,0 cm
HB1793	17,0 cm
HB1794	23,0 cm



Mayo lankasakset, käyrät

HB1796	14,5 cm
HB1797	15,0 cm
HB1798	17,0 cm
HB1799	23,0 cm



**Mayo-Stille lankasakset,
suorat**

HB1801	15,0 cm
HB1802	17,0 cm
HB1802-21	21,0 cm



**Mayo-Stille lankasakset,
käyrät**

HB1803	15,0 cm
HB1804	17,0 cm
HB1804-21	21,0 cm

Sims suorat



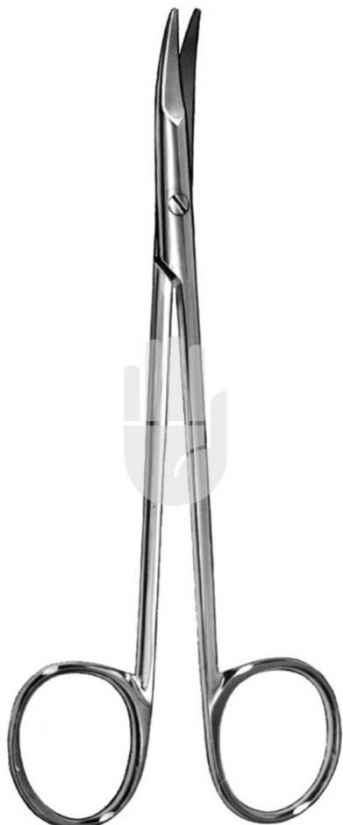
HB1893	20,0 cm	HB1896
HB1895	23,0 cm	HB1898

Sims käyrät



HB1899	20,0 cm	HB1902
HB1901	23,0 cm	HB1904

Kilner plastiasakset



HB1918	13,0 cm
HB1919	15,0 cm

Irissakset, silmäsakset



Suorat

Käyrät

HB7450	9,0 cm	HB7451
HB7454	10,5 cm	HB7455
HB7458	11,5 cm	HB7459



Metzenbaum 14,5 cm suorat

ty/ty

ty/te

te/te



HB1821

HB1831

HB1841



Metzenbaum 14,5 cm käyrät

ty/ty

ty/te

te/te



HB1851

HB1861

HB1871



Metzenbaum suorat

ty/ty

te/ty

te/te

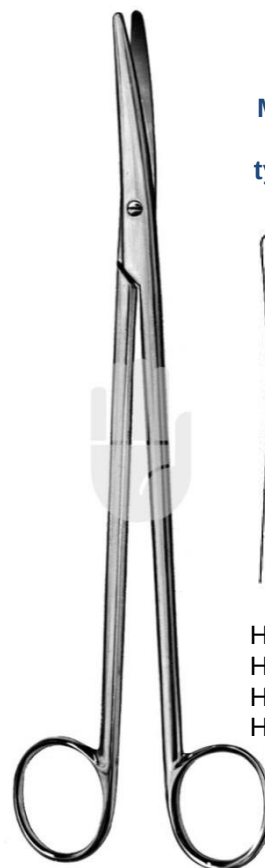


HB1822
HB1823
HB1824
HB1825

HB1832
HB1833
HB1834
HB1835

HB1842
HB1843
HB1844
HB1845

18 cm
20 cm
23 cm
25 cm



Metzenbaum käyrät

ty/ty

ty/te

te/te



HB1852
HB1853
HB1854
HB1855

HB1862
HB1863
HB1864
HB1865

HB1872
HB1873
HB1874
HB1875

18 cm
20 cm
23 cm
25 cm



Metzenbaum Fino, suorat

HB1880	14,5 cm
HB1882	18,0 cm



Metzenbaum Fino, käyrät

HB1884	14,5 cm
HB1886	18,0 cm



Joseph Delicate, suorat

HB1916	14,5 cm
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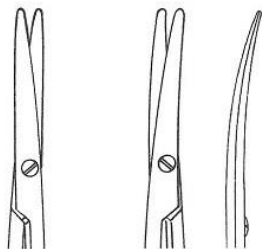


Joseph Delicate, käyrät

HB1917	14,5 cm
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**Metzenbaum Strabismus
(Baby) 11,5 cm**



HB1888

HB1889



**Spencer suorat
ompeleenpoistosakset**

HB1948	9,0 cm
HB1949	10,5 cm
HB1950	12,0 cm



Lister, sidossakset

HB1977	9,0 cm
HB1978	11,0 cm
HB1979	14,0 cm
HB1979-16	16,0 cm
HB1980	18,0 cm
HB1981	20,0 cm

Sakset, Supercut (erikoisteroitus, "Razor-cut") SC



Mayo suorot Supercut

HB1791-SC 14,5 cm
HB1793-SC 17,0 cm



Mayo käyrät Supercut

HB1796-SC 14,5 cm
HB1798-SC 17,0 cm



Mayo-Stille suorot Supercut

HB1801-SC 15,0 cm
HB1802-SC 17,0 cm



Mayo-Stille käyrät Supercut

HB1803-SC 15,0 cm
HB1804-SC 17,0 cm



**Metzenbaum 14,5 cm Supercut
suorat**



HB1821-SC



**Metzenbaum 14,5 cm Supercut
käyrät**



HB1851-SC

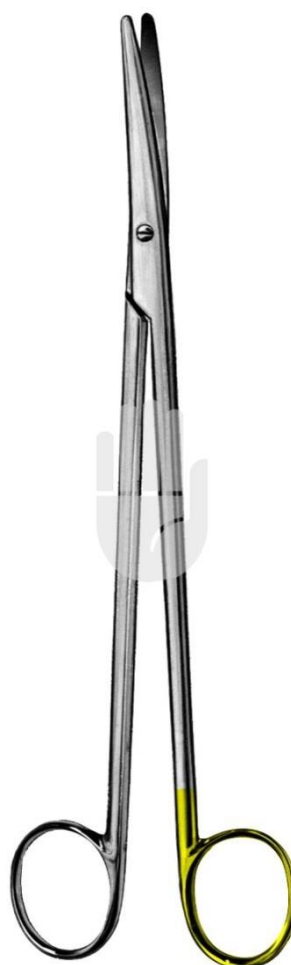


**Metzenbaum Supercut
suorat**



HB1822-SC
HB1823-SC

18,0 cm
20,0 cm



**Metzenbaum Supercut
käyrät**



HB1852-SC
HB1853-SC

18,0 cm
20,0 cm



**Metzenbaum, Fino
suorat, Supercut**

HB1880-SC	14,5 cm
HB1882-SC	18,0 cm

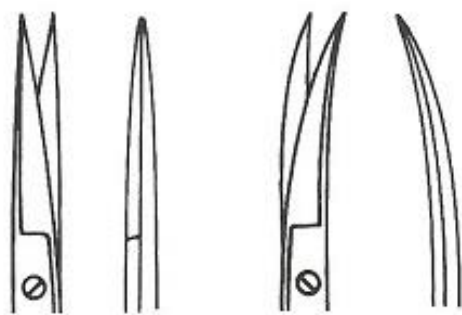


**Metzenbaum, Fino
käyrät, Supercut**

HB1884-SC	14,5 cm
HB1886-SC	18,0 cm

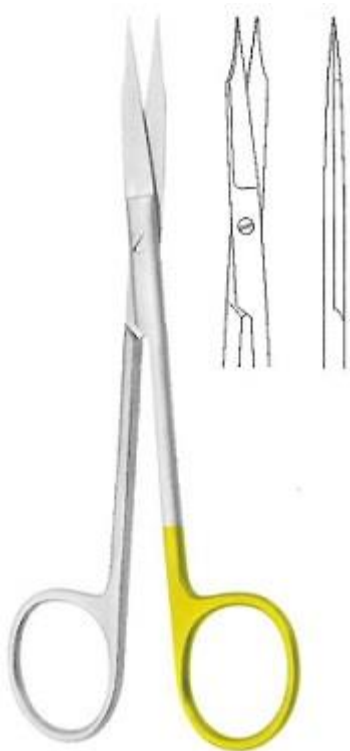


liris 11,5 cm Supercut



HB7458-SC

HB7459-SC



**Goldmann-Fox 13,0 cm
suorat Supercut**

HB1777-01-SC



**Goldmann-Fox 13,0 cm
käyrit Supercut**

HB1777-02-SC



Lister, sidossakset Supercut

HB1797-SC 14,0 cm
HB1980-SC 18,0 cm
HB1981-SC 20,0 cm

Anatomiset pihdit



Halsted-Mosquito suorat

HB510 12,5 cm
HB511 14,0 cm

HB514 **Micro** 12,5 cm



Halsted-Mosquito käyrät

HB515 12,5 cm
HB516 14,0 cm

HB519 **Micro** 12,5 cm



Halsted-Mosquito



HB512 18,0 cm HB517
HB513 21,0 cm HB518



Crile 14,5 cm

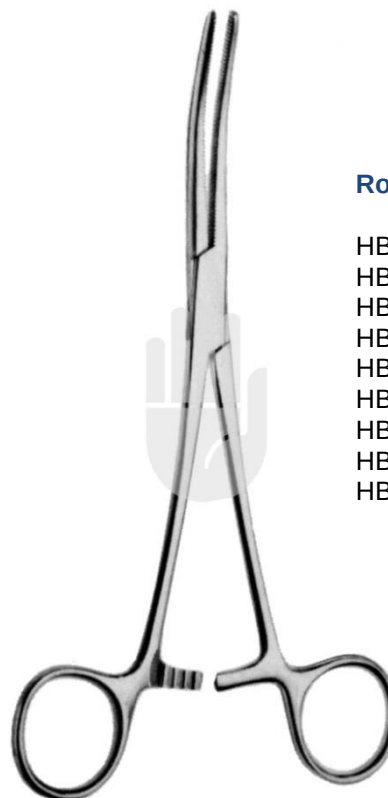


HB605 HB606



Rochester-Pean suorat

HB533	13,0 cm
HB541	14,0 cm
HB542	16,0 cm
HB543	18,0 cm
HB544	20,0 cm
HB545	22,0 cm
HB546	24,0 cm
HB547	26,0 cm
HB549	30,0 cm



Rochester-Pean käyrät

HB535	13,0 cm
HB551	14,0 cm
HB552	16,0 cm
HB553	18,0 cm
HB554	20,0 cm
HB555	22,0 cm
HB556	24,0 cm
HB557	26,0 cm
HB559	30,0 cm



Pean

HB531	14,0 cm
HB532	16,0 cm



Hartmann 10,0 cm

HB503	Micro
HB508	



Baby-Crile



suorat

HB617 14,0 cm
HB619 16,0 cm



käyrät

HB618
HB620



Bozemann 26,0 cm



suorat

HB866



käyrät

HB868



Maier jyväpihti



HB855 22,0 cm
HB856 25,0 cm



HB857
HB858



**Backhaus
lakanapihti**

HB771 9,0 cm
HB772 11,0 cm
HB773 13,0 cm
HB774 15,0 cm

**Lorna
lakanapihti**

HB781 10,0 cm
HB782 13,0 cm

Kirurgiset pihdit



**Halsted-Mosquito 1:2
suorat**

HB520 12,5 cm
HB521 14,0 cm

HB529 **Micro** 12,5 cm



**Halsted-Mosquito 1:2
käyrät**

HB525 12,5 cm
HB526 14,0 cm

HB530 **Micro** 12,5 cm



Halsted-Mosquito 1:2



HB522 18,0 cm HB527
HB523 21,0 cm HB528



**Crile 1:2
14,5 cm**



HB607 HB608



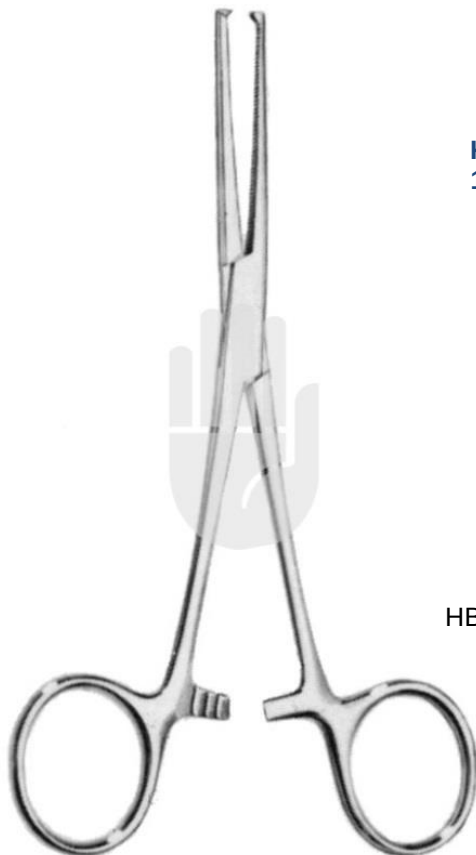
**Ochsner-Kocher 1:2
suorat**

HB561	13,0 cm
HB571	14,0 cm
HB572	16,0 cm yleisin koko
HB573	18,0 cm
HB574	20,0 cm
HB575	22,0 cm
HB576	24,0 cm
HB577	26,0 cm
HB579	30,0 cm



**Ochsner-Kocher 1:2
käyrät**

HB563	13,0 cm
HB581	14,0 cm
HB582	16,0 cm
HB583	18,0 cm
HB584	20,0 cm
HB585	22,0 cm
HB586	24,0 cm
HB587	26,0 cm
HB589	30,0 cm



**Kocher 1:2
14,0 cm**



HB566

HB568

Neulankuljettajat, kovametalliset

Suosituksia käytöstä:

neulan karheus:

sileä pinta

0,3 mm / micro

0,4 mm / fine

0,5 mm / standard

neula:

9/0 - 11/0

6/0 - 10/0

4/0 - 6/0

→ 3/0



sileä



0,3 mm



0,4 mm



0,5 mm



0,5

Mayo-Hegar T/C suora

HB2200	14,0 cm
HB2201	16,0 cm
HB2202	18,0 cm
HB2203	20,0 cm
HB2204	23,0 cm
HB2205	26,0 cm



0,5

Mayo-Hegar T/C käyrä

HB2202G	18,0 cm
HB2203G	20,0 cm
HB2204G	23,0 cm
HB2205G	26,0 cm



0,4

Crile-Wood T/C

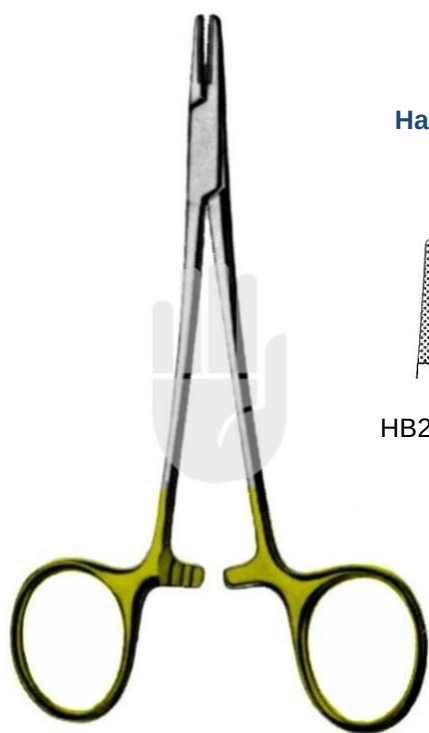
HB2215	15,0 cm
HB2216	18,0 cm
HB2217	20,0 cm
HB2218	23,0 cm
HB2228	26,0 cm
HB2229	30,0 cm



0,4

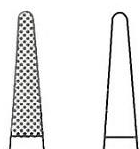
De Bakey T/C "Baby Crile-Wood"

HB2215D	15,0 cm
HB2216D	18,0 cm
HB2217D	20,0 cm
HB2218D	23,0 cm
HB2228D	26,0 cm
HB2229D	30,0 cm



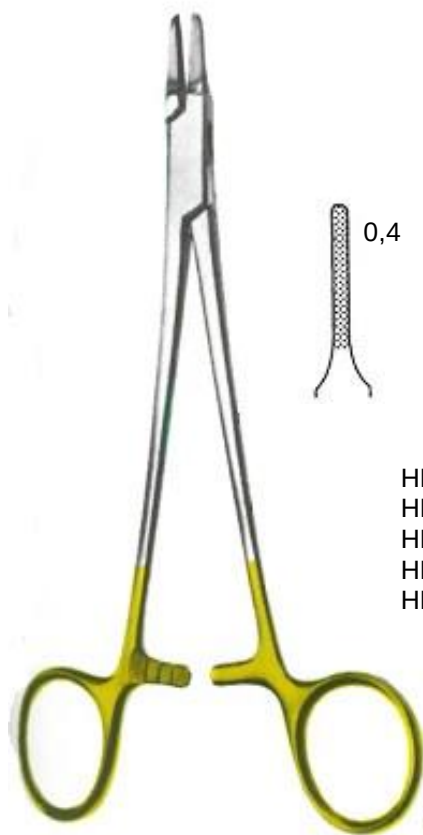
Halsey 13,0 cm T/C

0,4



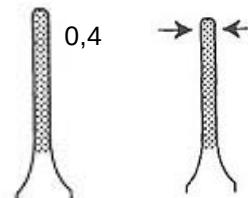
HB2225

HB2226



French (Ryder) T/C

0,4



13,0 cm=1,2 mm
14,5 cm=1,4 mm
16,0 cm=1,5 mm
18,0 cm=1,7 mm
20,0 cm=2,0 mm

HB2113

13,0 cm

HB2114

14,5 cm

HB2115

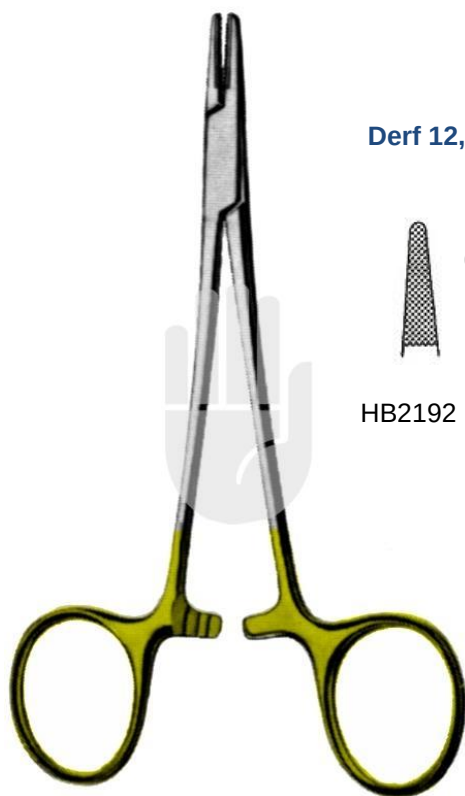
16,0 cm

HB2116

18,0 cm

HB2117

20,0 cm

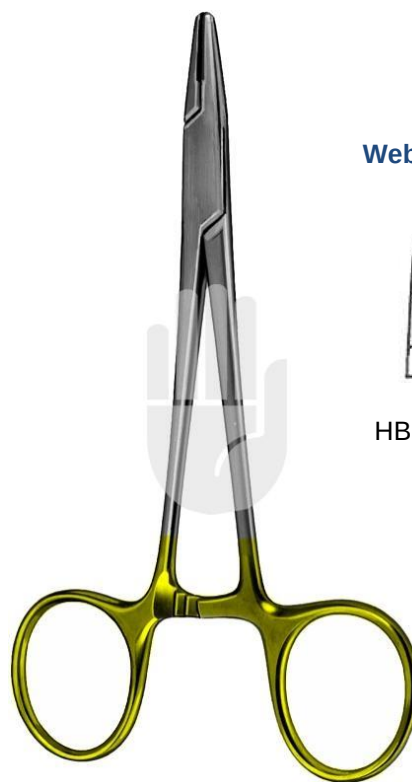


Derf 12,5 cm

0,4



HB2192



Webster 13,0 cm



HB2227

Refleksivasarat



**Dejerine 20,0 cm
ilman tuntoneulaa**

HB51



**Dejerine 21,0 cm
tuntoneulalla**

HB52



Taylor, kolmiovasara 20,0 cm

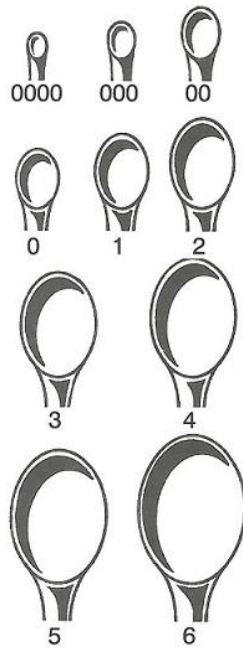
HB46



Babinsky 22,0 cm

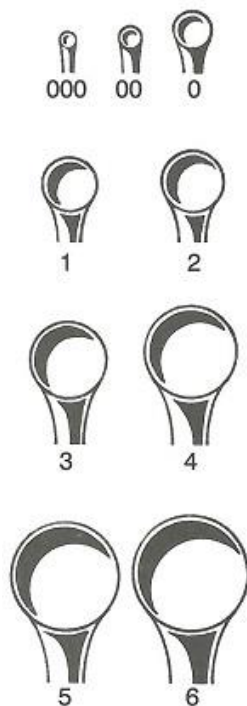
HB45

Ihokauhat



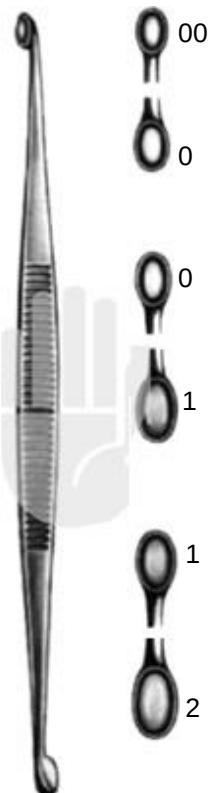
Volkmann 17,0 cm

	Fig.	mm
HB3500	0000	3,0
HB3501	000	4,0
HB3502	00	5,0
HB3503	0	6,0
HB3504	1	7,0
HB3505	2	8,0
HB3506	3	10,0
HB3507	4	11,6
HB3508	5	12,6
HB3509	6	13,8



Bruns 17,0 cm

	Fig.	mm
HB3520	000	3,0
HB3521	00	4,0
HB3522	0	5,0
HB3523	1	6,0
HB3524	2	8,0
HB3525	3	10,0
HB3526	4	12,0
HB3527	5	13,0
HB3528	6	14,0



Martini 13,5 cm

	Fig.
HB3571	0/00
HB3572	0/1
HB3573	1/2

Ihokoukut ja haat



Gillies 18,0 cm



HB960-01



HB960-02



Kilner 13,5 cm



HB961-15



Mini-Langenbeck haavahaka 16,0 cm



10 x 6 mm
HB2925-10



17 x 5 mm
HB2925-17



20 x 6 mm
HB2925-20



22 x 8 mm
HB2925-22

Valikoimassa ovat myös sormihaat ja laaja valikoima muita haavahakoja.



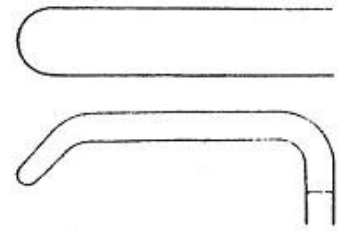
Langenbeck
haavahaka 21,0 cm



HB3085	30 x 11 mm
HB3086	30 x 14 mm
HB3087	30 x 16 mm
HB3088	40 x 11 mm
HB3089	50 x 11 mm



Kocher-Langenbeck
haavahaka 21,5 cm



HB3090	24 x 6 mm
HB3091	35 x 8 mm
HB3092	35 x 11 mm
HB3093	35 x 15 mm
HB3094	40 x 11 mm
HB3095	55 x 11 mm
HB3096	70 x 14 mm
HB3097	80 x 12 mm
HB3098	80 x 16 mm



Weitlaner-Loktite
haavanlevitin 3 x 4

terävä		tylppä
HB3181	10,5 cm	HB3191
HB3183	13,0 cm	HB3193
HB3186	16,5 cm	HB3196
HB3189	20,0 cm	HB3199



Alm
haavanlevitin 4 x 4

terävä		tylppä
HB7344	7,0 cm	HB7345
HB7346	10,0 cm	HB7347

Veitsenvarret



Standard
HB1091
No.3
massiivi



HB1092
No.3L
massiivi



HB1092G
No.3L
massiivi, kulma



HB1093
No.3
asteikko



Standard
HB1095
No.4
massiivi



HB1096
No.4L
massiivi



HB1096G
No.4L
massiivi, kulma



Standard
HB1097
No.7
massiivi



HB1097K
No.7K
massiivi



HB1098
No.8
kevyt



HB1099
No.9
kevyt

Veitset, steriilit

Fig.10
Standard

HB1110

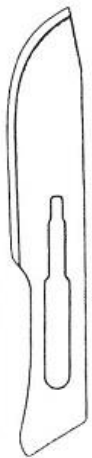


Fig.11
Standard

HB1111



Fig.12
Standard

HB1112



Fig.13
Standard

HB1113



Fig.14
Standard

HB1114



Fig.15
Standard

HB1115



Fig.16
Standard

HB1116

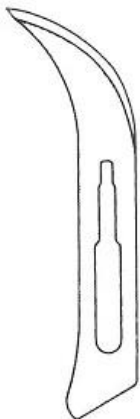


Fig.17
Standard

HB1117



100 kpl / laatikko



Fig.18
Standard

HB1118



Fig.19
Standard

HB1119

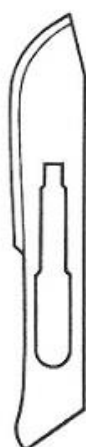


Fig.20
Standard

HB1120



Fig.21
Standard

HB1121



Fig.22
Standard

HB1122



Fig.23
Standard

HB1123



Fig.24
Standard

HB1124



Fig.25
Standard

HB1125



Fig.34
Standard

HB1134

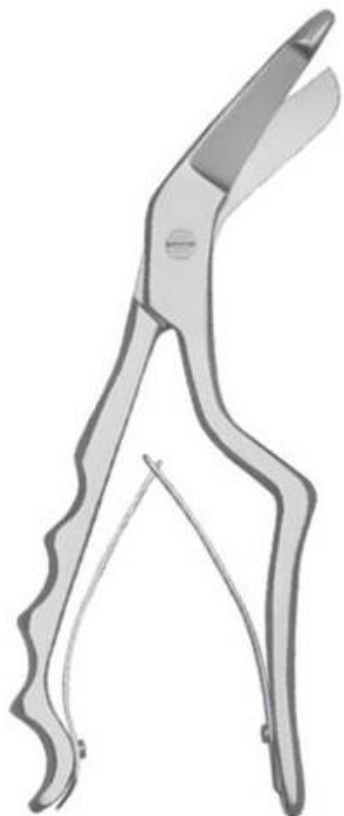


Fig.36
Standard

HB1136



Kipsi instrumentit



Kipsisakset
Design malli 23,0 cm

HB1994C



Bruns
kipsisakset 24,0 cm

Sileä
HB1984

Sahalaitainen
HB1985



Hopkins kipsiveitsi
20,0 cm

HB2024



Wolff kipsinmurtaja

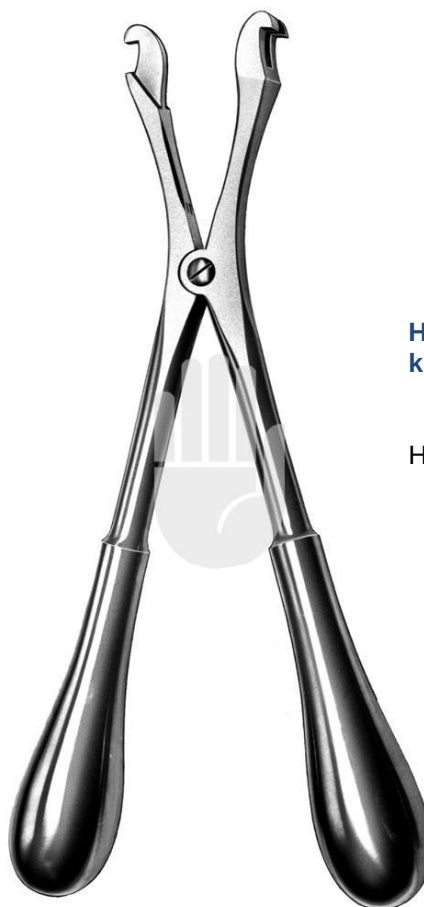
HB2032 18,0 cm
HB2033 24,0 cm

Meiltä myös kipsisahat ja -imurit.



**Henning 28,0 cm
kipsinlevittäjä**

HB2034



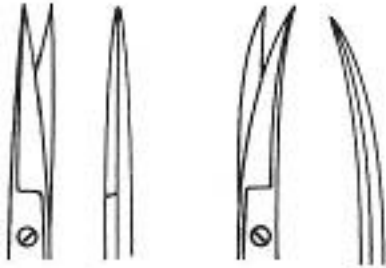
**Haglund-Stille 28,0 cm
kipsinlevittäjä**

HB2036

Meiltä myös kipsisahat ja -imurit.

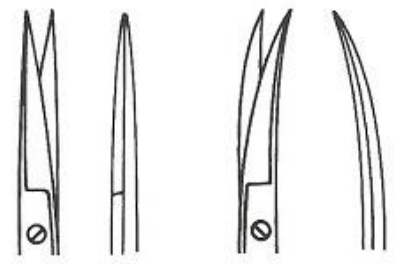
Silmäinstrumentit

Iirissakset, silmäsakset

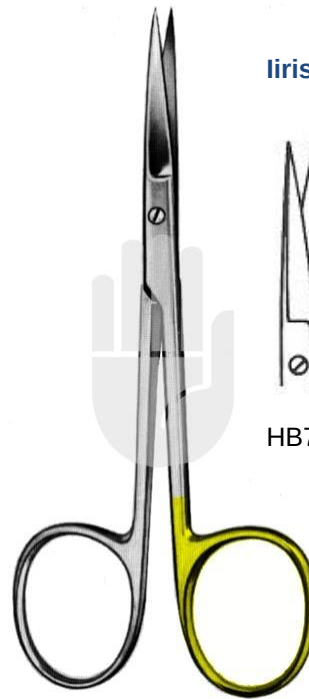


HB7450	9,0 cm	HB7451
HB7454	10,5 cm	HB7455
HB7458	11,5 cm	HB7459

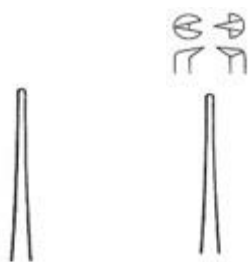
Iirissakset 11,5 cm Supercut



HB7458-SC	HB7459-SC
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Graefe 10,0 cm
Iiris/silmä-atula, suora
kärki 0,9 mm
***reflattu**



HB7005	HB7008
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Kelloseppäatula 0,3 mm

HB101

Kelloseppäatula 0,2 mm

HB103



* reflaus/hammastus on terien sisäpinnassa, ei laidoissa



**Dix, vierasesine atula
atrain ja uurrespaatteli**

HB7269



**Wilder, kyyneltiedilataattori
11 cm, terävä**

HB7287 Fig. 1
HB7288 Fig. 2
HB7289 Fig. 3

Fig.1

Fig.2

Fig.3



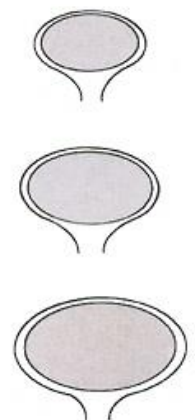
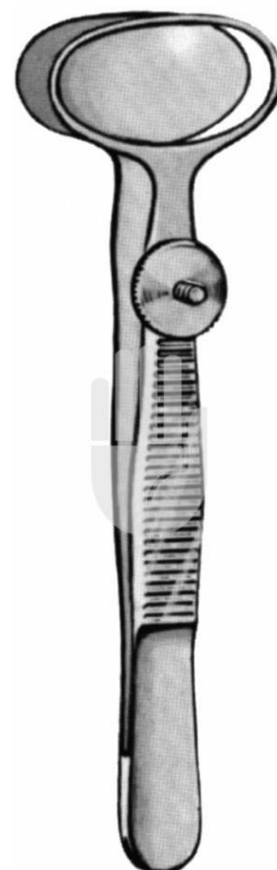
**Desmarres,
luomilusikka 13 cm
lapsille**

HB7360 6,0 mm



**Desmarres,
luomilusikka 13 cm
aikuisille**

HB7361 Fig.1 12 mm
HB7362 Fig.2 14 mm
HB7363 Fig.3 16 mm
HB7364 Fig.4 18 mm



**Desmarres 9,0 cm
Chalazion-atula**

HB7100 20 mm
HB7101 25 mm
HB7102 30 mm

Suturaatiosetti



1:2

**Adson atula
kirurginen 12 cm**

140-220



käyrät

**Metzenbaum sakset
14,5 cm Supercut**

HB1851-SC



0,4

**Crile-Wood 15,0 cm
neulankuljettaja T/C**

HB2215



käyrät

**Metzenbaum Baby 11,5 cm
sakset, preparointi, käyrät
Supercut**

HB1889-SC

Suturaatiosetti, pienet haavat



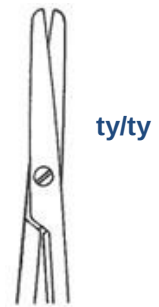
Graefe atula kirurginen
10,5 cm

HB428

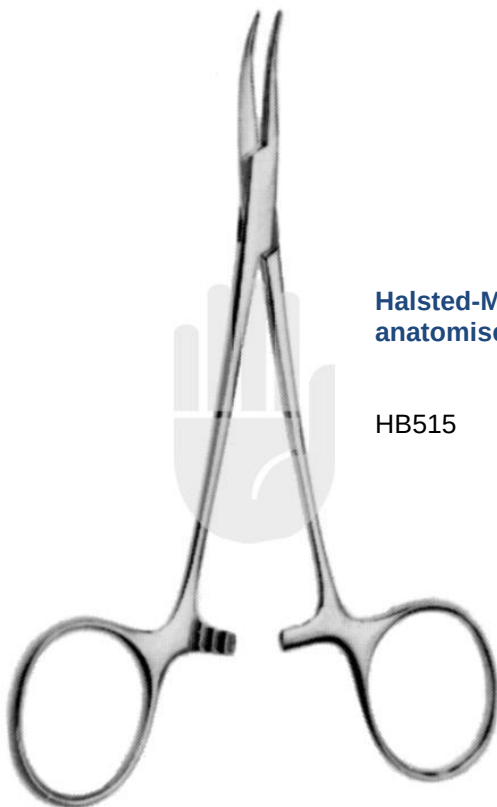


Metzenbaum lankasakset
14,5 cm suorat

HB1821



ty/ty



Halsted-Mosquito pihdit
anatomiset, käyrät 12,5 cm

HB515

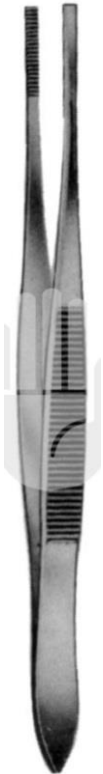


Halsey neulankuljetin
13,0 cm T/C

HB2225



Ompeleenpoistosetti



**Swedish atula
anatominen 13,0 cm**

HB247



**Littauer atula
hammastettu 8,5 cm**

HB493



**Spencer sakset
9,0 cm**

124-000



**Graefe atula 10,0 cm
pieniin haavoihin,
joissa lanka 4-0 ja 5-0.
0,9 mm *reflattu**



HB7008

* reflaus/hammastus on terien sisäpinnassa, ei laidoissa