

A+ A-PLUS

MANUFACTURING COMPANY



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IDENTIFICATIONS



AP-2001-00
Supercut Plus T/C Scissor
Tungsten Carbide Blades
One Blade Micro-Fine Serration



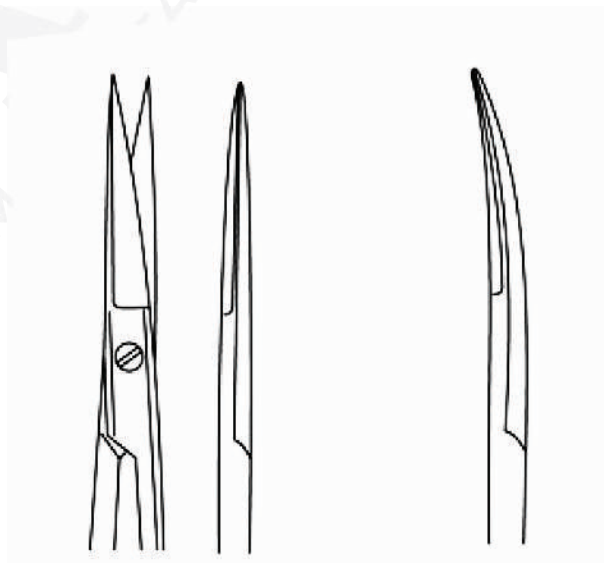
AP-2002-00
Tungsten Carbide Scissor



AP-2003-00
Supercut Scissor
One Blade Razor Sharp Edge
One Blade Micro-Fine Serration



Iris



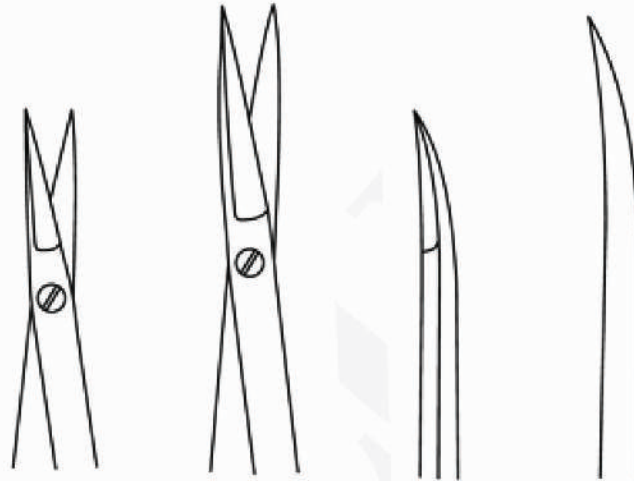
Straight

Curved

Straight 11.5 cm/4 1/2"	TC AP-2004-11	Supercut AP-2005-11	Supercut Plus TC AP-2006-11
Curved 11.5 cm/4 1/2"	TC AP-2007-11	Supercut AP-2008-11	Supercut Plus TC AP-2009-11



**Iris
Ribbon Handle**



Straight	TC	Supercut	Supercut Plus TC
9.5 cm/3 3/4"	AP-2010-09	AP-2011-09	AP-2012-09
10.5 cm/3 1/4"	34-0017-10	34-0019-10	34-0021-10

Straight	TC	Supercut	Supercut Plus TC
9.5 cm/3 3/4"	AP-2013-09	AP-2014-09	AP-2015-09
10.5 cm/3 1/4"	AP-2016-10	AP-2017-10	AP-2018-10



Stevens

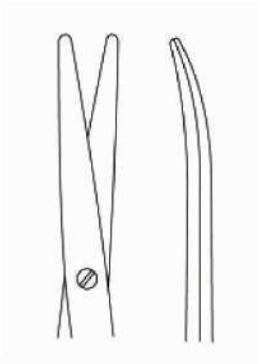


Straight	TC	Supercut	Supercut Plus TC
11.5 cm/4 1/2"	AP-2019-11	AP-2020-11	AP-2021-11
13 cm/5 1/8"	AP-2021-13	AP-2023-13	AP-2024-13

Curved	TC	Supercut	Supercut Plus TC
11.5 cm/4 1/2"	AP-2025-11	AP-2027-11	AP-2027-11
13 cm/5 1/8"	AP-2028-13	AP-2029-13	AP-2030-13

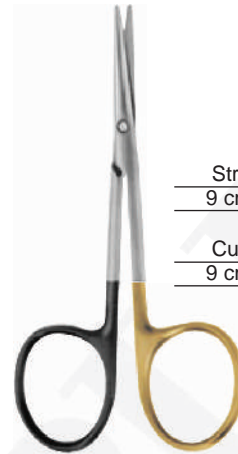


Baby-Metzenbaum



Straight	TC	Supercut	Supercut Plus TC
9 cm/3½"	AP-2037-09	AP-2038-09	AP-2039-09

Curved	TC	Supercut	Supercut Plus TC
9 cm/3½"	AP-2040-09	AP-2041-09	AP-2042-09



Mini-Metzenbaum

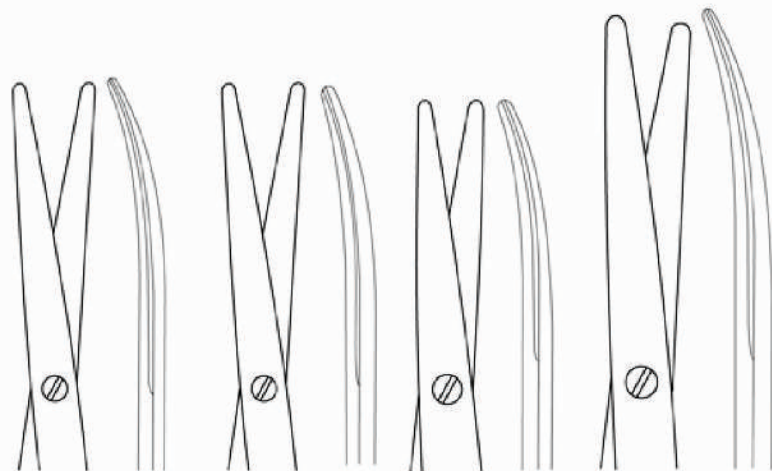


Straight	TC	Supercut	Supercut Plus TC
11.5 cm/4½"	AP-2031-11	AP-2033-11	AP-2033-11

Curved	TC	Supercut	Supercut Plus TC
11.5 cm/4½"	AP-2034-11	AP-2035-11	AP-2036-11



Metzenbaum

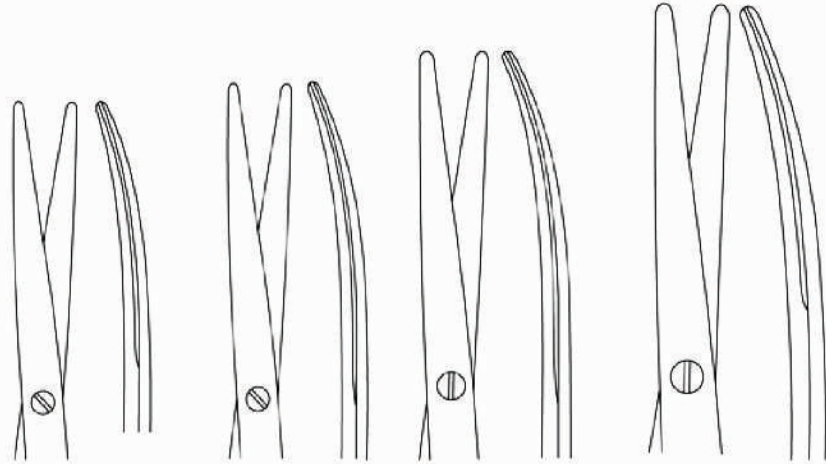


Straight	TC	Supercut	Supercut Plus TC
14 cm/5 ½"	AP-2043-14	AP-2047-14	AP-2051-14
15 cm/6"	AP-2044-15	AP-2048-15	AP-2052-15
18 cm/7"	AP-2045-18	AP-2049-18	AP-2053-18
20 cm/8"	AP-2046-20	AP-2050-20	AP-2054-20

Curved	TC	Supercut	Supercut Plus TC
14 cm/5 ½"	AP-2055-14	AP-2059-14	AP-2063-14
15 cm/6"	AP-2056-15	AP-2060-15	AP-2064-15
18 cm/7"	AP-2057-18	AP-2061-18	AP-2065-18
20 cm/8"	AP-2058-20	AP-2062-20	AP-2066-20



Metzenbaum-Slim

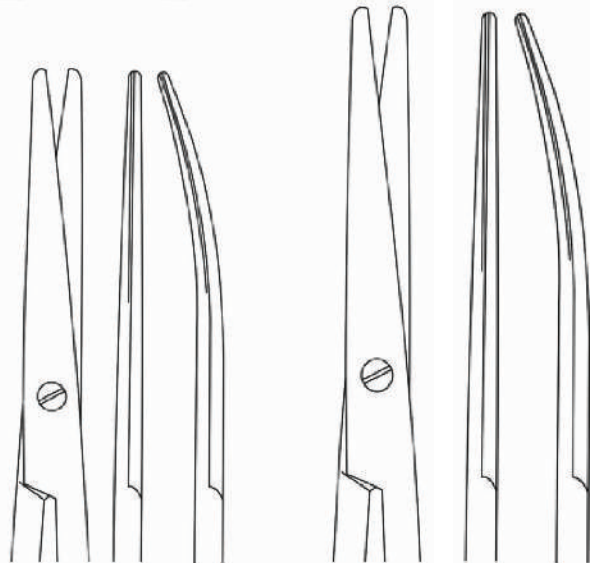


Straight	TC	Supercut	Supercut Plus TC
14 cm/5 1/2"	AP-2067-14	AP-2071-14	AP-2075-14
15 cm/6"	AP-2068-15	AP-2072-15	AP-2073-15
18 cm/7"	AP-2069-18	AP-2073-18	AP-2077-18
20 cm/8"	AP-2070-20	AP-2074-20	AP-2078-20

Curved	TC	Supercut	Supercut Plus TC
14 cm/5 1/2"	AP-2079-14	AP-2083-14	AP-2087-14
15 cm/6"	AP-2080-15	AP-2084-15	AP-2088-15
18 cm/7"	AP-2081-18	AP-2085-18	AP-2089-18
20 cm/8"	AP-2082-20	AP-2086-20	AP-2090-20



Mayo-Stille

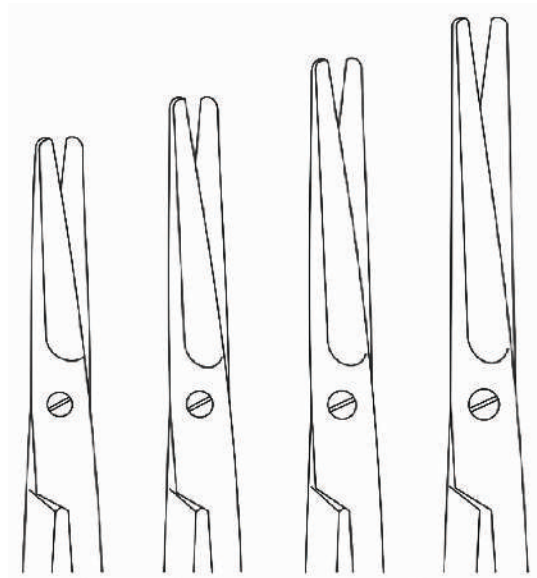


Straight	TC	Supercut	Supercut Plus TC
15 cm/6"	AP-2091-15	AP-2093-15	AP-2095-15
17 cm/9 1/4"	AP-2092-17	AP-2094-17	AP-2096-17

Curved	TC	Supercut	Supercut Plus TC
15 cm/6"	AP-2097-15	AP-2099-15	AP-2101-15
17 cm/9 1/4"	AP-2098-17	AP-2100-17	AP-2102-17



Mayo

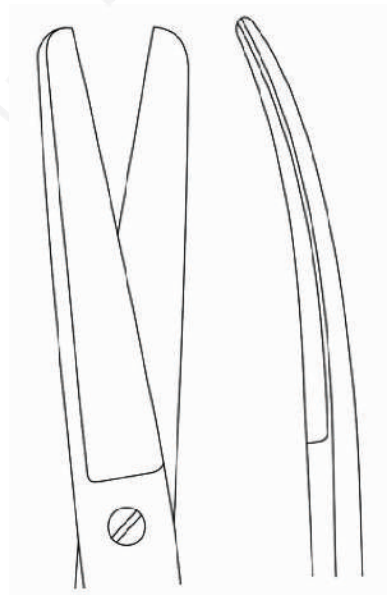


Straight	TC	Supercut	Supercut Plus TC
14 cm/5 1/2"	AP-2103-14	AP-2107-14	AP-2111-14
15.5 cm/6 1/2"	AP-2104-15	AP-2108-15	AP-2112-15
17 cm/6 3/4"	AP-2105-17	AP-2109-17	AP-2113-17
23 cm/9"	AP-2106-23	AP-2110-23	AP-2114-23

Curved	TC	Supercut	Supercut Plus TC
14 cm/5 1/2"	AP-2115-14	AP-2119-14	AP-2123-14
15.5 cm/6 1/2"	AP-2116-15	AP-2120-15	AP-2124-15
17 cm/6 3/4"	AP-2117-17	AP-2121-17	AP-2125-17
23 cm/9"	AP-2118-23	AP-2122-23	AP-2126-23



Doyen



Straight	TC	Supercut	Supercut Plus TC
18 cm/7"	AP-2127-18	AP-2128-18	AP-2129-18

Curved	TC	Supercut	Supercut Plus TC
18 cm/7"	AP-2130-18	AP-2131-18	AP-2132-18



Resano

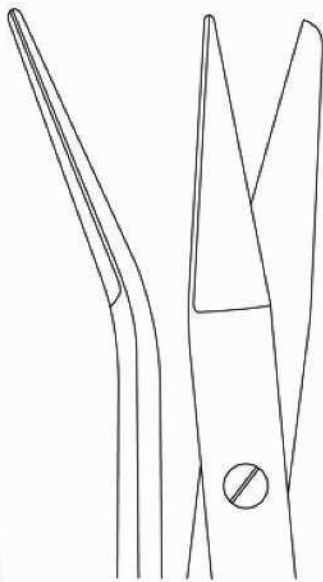
	TC	Supercut	Supercut Plus TC
25 cm/10"	AP-2133-25	AP-2134-25	AP-2135-25



Sims

	TC	Supercut	Supercut Plus TC
Straight			
20 cm/8"	AP-2136-20	AP-2138-20	AP-2140-20
23 cm/9"	AP-2137-23	AP-2139-23	AP-2141-23
Curved			
20 cm/8"	AP-2142-20	AP-2144-20	AP-2146-20
23 cm/9"	AP-2143-23	AP-2145-23	AP-2147-23

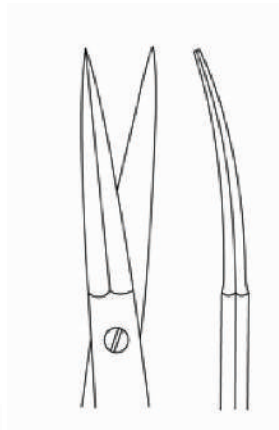
Operating Scissors



	TC	Supercut	Supercut Plus TC
24.5 cm/9 ³ / ₄ "	AP-2148-24	AP-2149-24	AP-2150-24

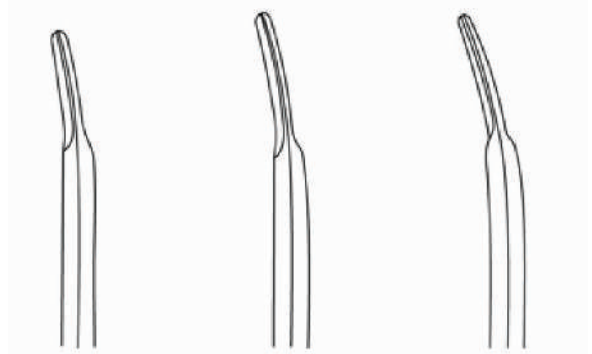
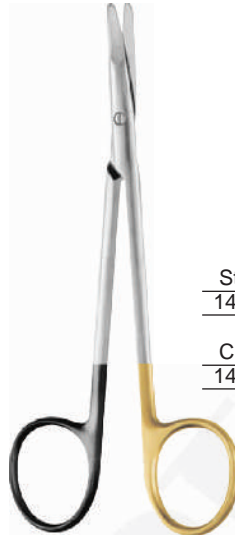


Siebold



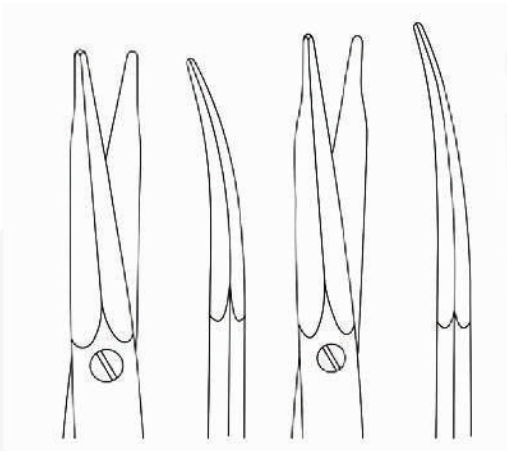
Ragnell (Kilner)

	TC	Supercut	Supercut Plus TC
13 cm/5 1/8"	AP-2156-13	AP-2159-13	AP-2162-13
15 cm/6"	AP-2157-15	AP-2160-15	AP-2163-15
18 cm/8"	AP-2158-18	AP-2161-18	AP-2164-18



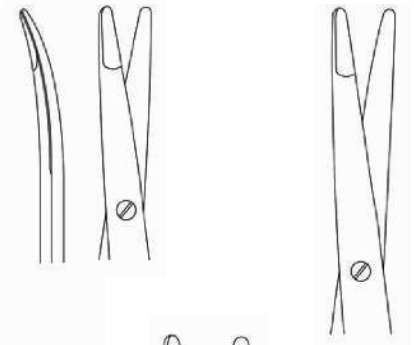
Straight	TC	Supercut	Supercut Plus TC
14 cm/5 1/2"	AP-2165-14	AP-2166-14	AP-2167-14
Curved	TC	Supercut	Supercut Plus TC
14 cm/5 1/2"	AP-2168-14	AP-2169-14	AP-2170-14

Peck-Joseph



Fanous

Straight	TC	Supercut	Supercut Plus TC
16.5 cm/6 1/2"	AP-2171-16	AP-2173-16	AP-2175-16
20.5 cm/8"	AP-2172-20	AP-2174-20	AP-2176-20
Curved	TC	Supercut	Supercut Plus TC
16.5 cm/6 1/2"	AP-2177-16	AP-2179-16	AP-2181-16
20.5 cm/8"	AP-2178-20	AP-2180-20	AP-2182-20



Metzenbaum-Freeman

	TC	Supercut	Supercut Plus TC
18 cm/7"	AP-2183-18	AP-2186-18	AP-2189-18
20 cm/8"	AP-2184-20	AP-2187-20	AP-2190-20
23 cm/9"	AP-2185-23	AP-2188-23	AP-2191-23



	TC	Supercut	Supercut Plus TC
17 cm/6 3/4"	AP-2192-17	AP-2193-17	AP-2194-17

**Gorney-Freeman
Facelift**



	TC	Supercut	Supercut Plus TC
17 cm/6 3/4"	AP-2195-17	AP-2196-17	AP-2197-17



AP-2198-01
12.5 cm/5"
Straight



AP-2198-02
12.5 cm/5"
Curved

Halstead-Mosquito
12.5 cm/5"

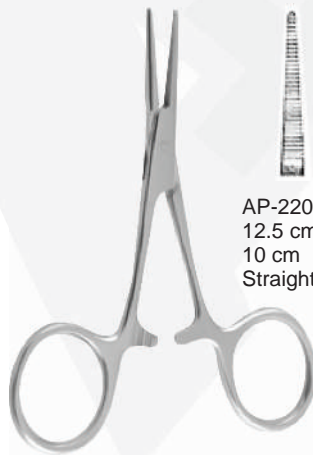


AP-2199-01
12.5 cm/5"
Straight



AP-2199-02
12.5 cm/5"
Curved

Kocher-Mosquito
12.5 cm/5"



AP-2200-01
12.5 cm/5"
10 cm
Straight



AP-2200-02
12.5 cm/5"
10 cm
Curved

Baby-Mosquito
10 cm



Backhaus

AP-2201-08 8 cm
AP-2201-11 11 cm
AP-2201-13 13 cm



Martel Flap Forceps
For accurate marking of skin flaps
AP-2202-14
14 cm/5 1/4"



Martel Flap Grasping Forceps
Two pins in opposing holes on the jaws
AP-2203-14
14 cm/5 1/4"



Pitanguy Forceps
Flap demarcator for excision
AP-2204-15 15 cm6"
AP-2204-26 26 cm10 1/4"



Assumpcao Face Lift Forceps
Flap precise marking of dissected
facial flaps for excision
AP-2205-16
16 cm6 1/4"



Hegar Maumgertner
AP-2206-14
14 cm



Derf
AP-2207-12
12 cm



Halsey
AP-2208-13
13 cm



Halsey TC
AP-2209-13
13 cm



Derf TC
AP-2210-12
12 cm



Webster TC
AP-2211-12
12.5 cm



Kilner TC
AP-2212-13
13.5 cm



Kilner
AP-2213-13
13.5 cm



Mayo-Hegar
AP-2214-16 16 cm
AP-2214-18 18 cm



Mayo-Hegar TC
AP-2215-16 16 cm
AP-2215-18 18 cm



Crile Wood TC
AP-2219-15
15 cm

Plastic Surgery Instruments
Micro Scissors



Wecker
AP-2220-11 Fig. 1
AP-2221-11 Fig. 2
AP-2222-11 Fig. 3

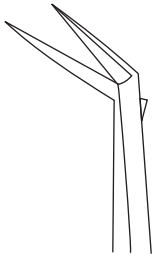


Fig.1

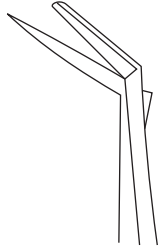


Fig.2

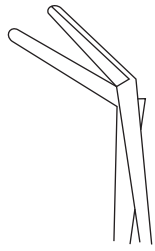


Fig.3



Barraquer
AP-2223-05 5cm
AP-2223-07 7cm
AP-2223-10 10cm



Westcott
AP-2224-12
12cm, STR



Westcott
AP-2225-11
11cm, CVD



Katzin
AP-2226-10
10cm,



Katzin
AP-2227-10
10cm,



AP-2228-01



AP-2228-02



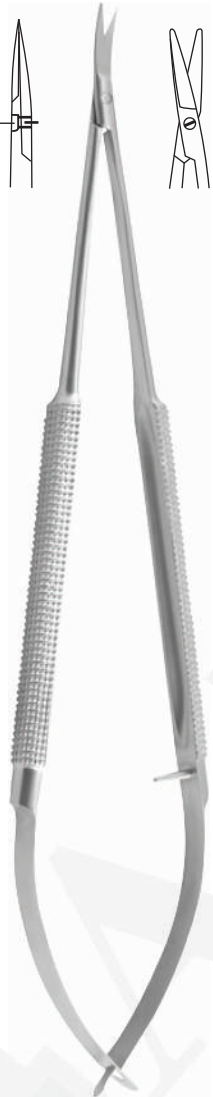
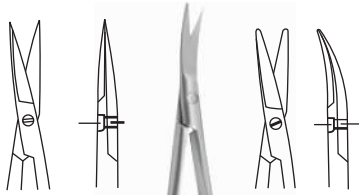
AP-2228-03



Vannas
AP-2228-00
8.0cm,



Westcott
AP-2229-11
11cm,



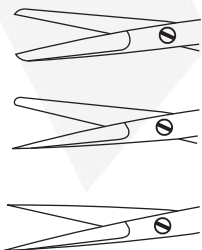
AP-2230-18 18cm
AP-2231-18 18cm



AP-2232-19 19cm
AP-2233-19 19cm



Micro Scissor
AP-2234-15 18cm
AP-2235-15 18cm



Noyes
AP-2236-18 18cm
AP-2237-18 18cm



Troutman
AP-2238-10
10cm



Troutman
AP-2239-10
10cm



Castroviejo
AP-2240-11
11cm



Castroviejo
AP-2241-00



AP-2242-16 16 cm STR
AP-2243-16 16 cm CVD



AP-2244-15
15 cm



Castroviejo
AP-2245-09 09 cm
AP-2246-09 09 cm

Titanium
AP-2247-09 09 cm
AP-2248-09 09 cm



Castroviejo
AP-2249-14 14 cm
AP-2250-14 14 cm

Titanium
AP-2251-14 14 cm
AP-2252-14 14 cm



Castroviejo
AP-2253-14 14 cm
AP-2254-14 14 cm

Titanium
AP-2255-14 14 cm
AP-2256-14 14 cm



Castroviejo
AP-2257-14 14 cm
AP-2258-14 14 cm

Titanium
AP-2259-14 14 cm
AP-2260-14 14 cm



Castroviejo

AP-2261-14 14 cm
AP-2262-14 14 cm

Titanium

AP-2263-14 14 cm
AP-2264-14 14 cm



Barraquer

AP-2265-14 14 cm
AP-2266-14 14 cm

Titanium

AP-2267-14 14 cm
AP-2268-14 14 cm



Castroviejo

AP-2269-14 14 cm
AP-2270-14 14 cm



Castroviejo

AP-2271-13 13 cm
AP-2272-13 13 cm



Castroviejo

AP-2273-09 09 cm
AP-2274-13 13 cm



Barraquer
AP-2275-14 14 cm
Titanium
AP-2276-14 14 cm



Barraquer
AP-2277-18 18 cm



Barraquer
AP-2278-11 11 cm
Titanium
AP-2279-11 11 cm



Barraquer
AP-2280-11 11 cm



Kalt
AP-2281-14 14 cm



Arruga
AP-2282-14
14 cm STR

AP-2283-14
14 cm CVD



Micro Adson
AP-2285-12
12 cm



1x2 Teeth

Micro Adson
AP-2286-12
12 cm



Adson Brown
AP-2287-12
12 cm



AP-2288-13
13 cm



1x2 Teeth

AP-2289-13
13 cm



Straight

Semken
AP-2290-12
12 cm



Curved

Semken
AP-2291-12
12 cm



Potts-Smith
AP-2292-18
18 cm



Potts-Smith
AP-2293-18
18 cm



Cushing
AP-2294-17 17 cm STR
AP-2295-17 17 cm CVD



Debaquey "AT"
AP-2296-18
18 cm



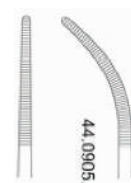
Jweller's Style
(Watchmaker)
AP-2299-12
12 cm



Jweller's Style
(Watchmaker)
AP-2300-12
12 cm



Lucae
AP-2301-14
14 cm



44.0905



Gruenwald (Jansen)
AP-2302-16
16 cm



Ragnell-Davis
AP-2303-14
14 cm



Desmarres Saddle
AP-2304-16
16 cm,
12 mm width



Senn-Miller
AP-2305-16
16 cm sharp



Senn-Miller
AP-2306-16
16 cm blunt



Joseph Double Shin Hook
AP-2307-16
16 cm



Rollet
AP-2308-13
13 cm



Klienert Kutz
AP-2309-16
16 cm



Gillies Shin Hook
AP-2310-18
18 cm



Cottle Hook
AP-2311-14
14cm

1 Prongs blunt ball & sharp tip



Cottle Hook
AP-2312-14
14cm

1 Prongs blunt ball & sharp tip



Forman Alae Retractor
AP-2313-16
16cm



Kilner Alae Retractor
AP-2314-08
8cm

10mm sharp prong



Martinez Kilner
AP-2315-11
11.5cm

10mm wide sharp



Freeman Face Lift Retractor
AP-2316-00

1-1/2" Offset Prongs



Freeman Face Lift Retractor
AP-2317-17
17.8 cm



Freeman Face Lift Retractor
AP-2318-10
10.2 cm



Obwegeser
AP-2319-15
15 cm



Descolorador
AP-2320-20
20 cm



Weitlaner
AP-2321-10 10.5 cm
AP-2321-13 13 cm



Alm
AP-2322-07
7cm
4x4 Teeth



Weitlaner
AP-2323-13
13 cm



Padgett-Deaver Retractor
AP-2324-12
12" (305mm) Length, 1" (25mm) wide



Sheen Nasal Retractor Angled
AP-2325-16
6 1/2" (165mm) Length, 10mm wide



Maliniac Nasal Retractor
AP-2326-10
4" (102mm) Length, 45x9mm Blade



Barsky Nasal Retractor
AP-2327-03
3 3/4" (95mm) Length, 10x55mm



Obwegeser
AP-2328-11 11 x 42 mm
AP-2329-11 11 x 62 mm



Obwegeser
AP-2330-11 11 x 42 mm
AP-2331-11 11 x 62 mm



Obwegeser
AP-2332-11 11 x 32 mm
AP-2333-11 11 x 80 mm



Sagital Direito
AP-2334-01 Right
AP-2334-02 Left



Bauer Direito
AP-2335-01 Right
AP-2335-02 Left



Lavassier
AP-2336-00



Wieder
AP-2337-00



Obwegeser
AP-2338-17
17 cm



Obwegeser
AP-2339-18
18 cm



Minnesota / Aspirador
AP-2340-14
14 cm



Bauer Direito
AP-2341-01 Right
AP-2341-02 Left
24 cm



Freeman Flap Retractor Fiber Optic,
AP-2342-04
4 1/4" (108mm) Length, 22mm Wide Blade



Freeman Flap Retractor Fiber Optic,
AP-2343-00



Freeman Flap Retractor Fiber Optic,
AP-2344-08
8" (203mm) Length, 1/2" (13mm) Wide



Without Fiber Optic
AP-2345-01
30 mm



With Fiber Optic
AP-2345-02
30 mm



With Fiber Optic
AP-2345-03
30 mm



Biggs

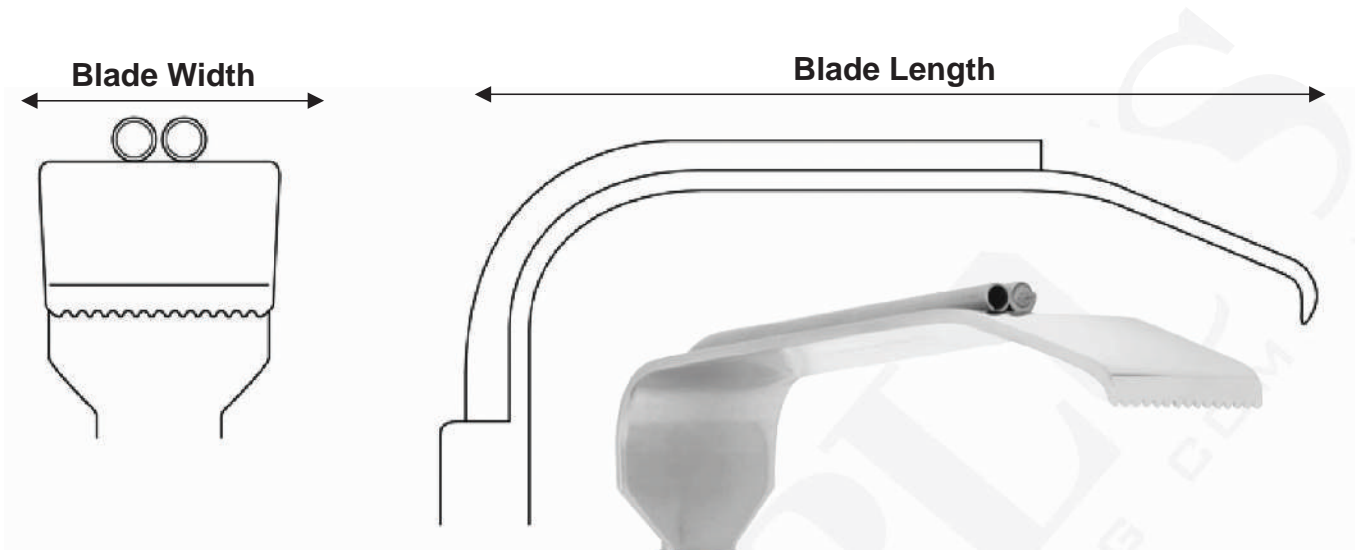


Biggs F/L Retr, Fiber Optic
AP-2343-09
9" (229mm) Length, 5.5cm Wide



Biggs F/L Retr, Fiber Optic
AP-2347-09
9" (229mm) Length, 5.2cm Wide

Tebbetts Fiber Optic Breast Retractor
With fiber optic illumination and suction



Fiber optic illumination with suction for Spoke evacuation

Angled Retractor tip with blunt teeth

Polished mirror finish on blade to reflect light inside the pocket

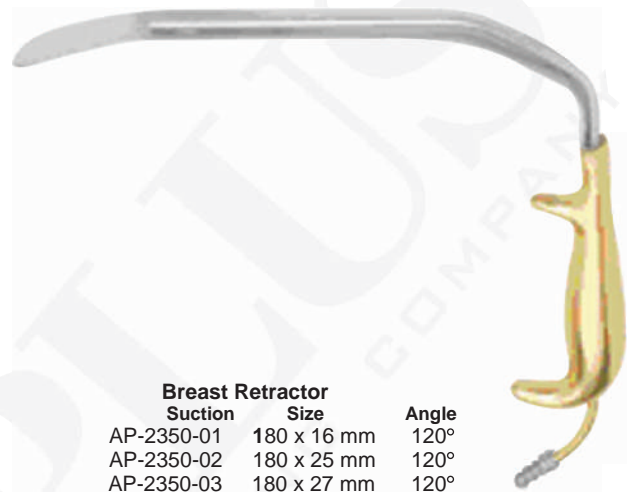
Item #	Length	Wide
AP-2348-01	90mm	24mm
AP-2348-02	90mm	30mm
AP-2348-03	150mm	36mm
AP-2348-04	190mm	36mm





**Breast Retractor
Suction**

AP-2349-01	80 x 16 mm
AP-2349-02	90 x 27 mm
AP-2349-03	150 x 25mm



Breast Retractor

Suction	Size	Angle
AP-2350-01	180 x 16 mm	120°
AP-2350-02	180 x 25 mm	120°
AP-2350-03	180 x 27 mm	120°
AP-2350-04	180 x 30 mm	120°



**Breast Retractor
Fiber optic & Adapter**

AP-2351-01	70 x 16mm
AP-2351-02	90 x 27mm



**Breast Retractor
Fiber optic & Adapter**

AP-2352-01	130 x 16mm
AP-2352-02	150 x 25mm
AP-2352-03	180 x 16mm
AP-2352-04	150 x 16mm
AP-2352-05	180 x 25mm
AP-2352-06	220 x 27mm



Breast Retractor		
Suction	Size	Angle
AP-2353-01	180 x 16 mm	130°
AP-2353-02	180 x 25 mm	130°
AP-2353-03	180 x 27 mm	130°
AP-2353-04	180 x 30 mm	130°



Tebbets Style	
Fiber Optic Size	
AP-2354-01	70 x 14 mm
AP-2354-02	80 x 16 mm
AP-2354-03	230 x 13mm
AP-2354-04	230 x 25mm
AP-2354-05	100 x 25mm
AP-2354-06	120 x 25mm
AP-2354-07	120 x 30mm
AP-2354-08	150 x 25mm
AP-2354-09	150 x 30mm



Tebbets Style	
Fiber Optic Size	
AP-2355-01	80 x 16 mm
AP-2355-02	90 x 30 mm
AP-2355-03	90 x 27 mm
AP-2355-04	36 x 16 mm
AP-2355-05	100 x 25mm
AP-2355-06	120 x 25mm
AP-2355-07	150 x 25mm
AP-2355-08	150 x 30mm



Breast Retractor	
Fiber Optic Size	
AP-2356-25	270 x 45 x 25 mm



Speculams
Fiber Optic Angle

AP-2357-01	75° 8FR
AP-2357-02	75° 10FR
AP-2357-03	30° 8FR
AP-2357-04	30° 10FR



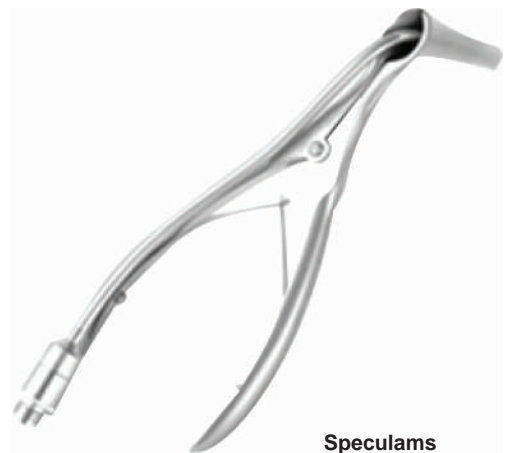
Wieder Retractor

Suction	Size
AP-2358-01	130 x 30 mm
AP-2358-02	130 x 40 mm



Wieder Retractor

Suction	Size
AP-2359-01	130 x 30 mm
AP-2359-02	130 x 40 mm



Speculams
Fiber Optic Size

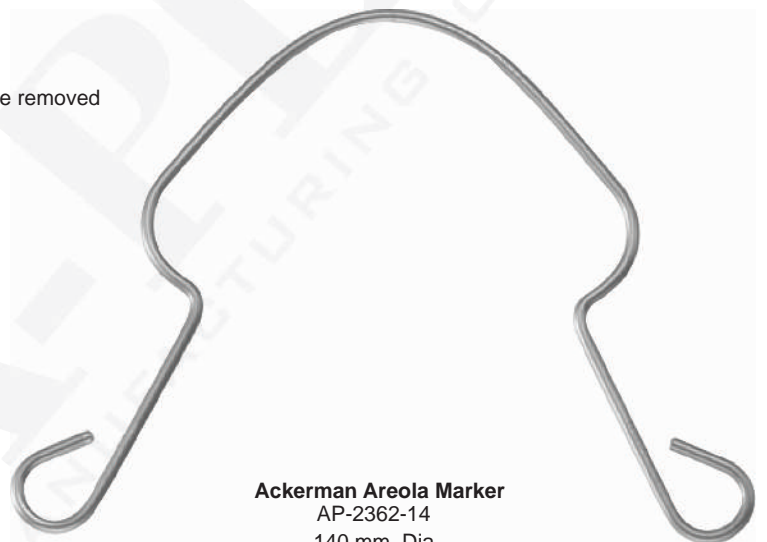
AP-2360-01	35 x 130 mm
AP-2360-02	50 x 130 mm
AP-2360-03	75 x 130 mm
AP-2360-04	90 x 130 mm



Mckissock keyhole Breast Reduction Marker

AP-2361-01	38mm \varnothing
AP-2361-02	42mm \varnothing
AP-2361-03	45mm \varnothing

- Precisely marks amount of Tissue for removal
- Used together with Freeman Marker
- Arms are graduated in centimeters for marking tissue to be removed



Ackerman Areola Marker

AP-2362-14
140 mm Dia



Freeman Areola Marker

AP-2363-01	36mm \varnothing
AP-2363-02	38mm \varnothing
AP-2363-03	40mm \varnothing
AP-2363-04	42mm \varnothing
AP-2363-05	50mm \varnothing



Freeman Double Ended Areola Marker

AP-2364-01	38/42mm \varnothing
AP-2364-02	42/45mm \varnothing



Galvao Nipple Marker

AP-2365-01	40mm \varnothing	Standard
AP-2365-02	50mm \varnothing	Large



Ballenger Swivel Kinfe
AP-2366-19
19 cm



Joseph Saw
AP-2367-01 Left
AP-2367-02 Right
125 mm x 85 mm



Joseph Saw
AP-2368-19
19 cm



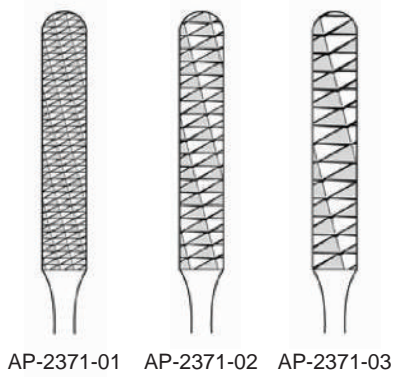
Aufricht Nasal
AP-2369-16
16 cm



Jansen Middleton Spetum Forceps
AP-2370-19
19 cm
Double Action



Parkes Nasal Rasp
Backward Cutting
AP-2371-21 T/C
21 cm



AP-2371-01 AP-2371-02 AP-2371-03



Maltz
AP-2372-18
18.5 cm

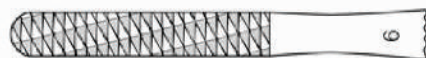


Maltz
AP-2373-18 T/C
18.5 cm

Farman Double End Nasal Rasp
AP-2374-21 T/C
21 cm



AP-2374-01



AP-2374-02



AP-2374-03



Peet Nasal Rasp
Diamond Surface
AP-2375-17 T/C
17.5 cm
Curved



Auricht (Peet) Nasal Rasp
Diamond Surface
AP-2376-22
22 cm



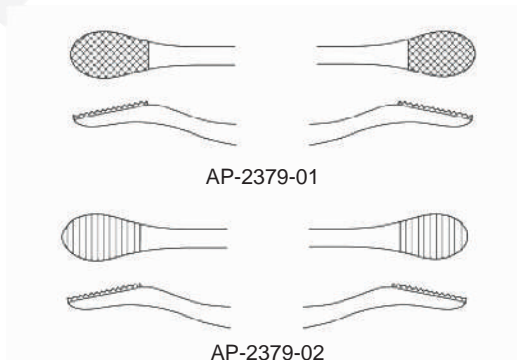
Glabella Nasal Rasp
Tungsten Carbide Surface
AP-2377-21
21 cm



Foman Double Ended Nasal Rasp
Diamond Surface
AP-2378-21
21 cm



Miller Nasal Rasp
Tungsten Carbide Surface
AP-2379-00
18 cm



AP-2379-01

AP-2379-02



Cottle Chisel
18.5cm/7 1/2"

- AP-2380-01 4 mm
- AP-2380-02 6 mm
- AP-2380-03 7 mm
- AP-2380-04 8 mm
- AP-2380-05 9 mm
- AP-2380-06 12 mm



French (Gillies) Osteotome
14cm/5 1/2"

- AP-2381-01 2 mm
- AP-2381-02 5 mm
- AP-2381-03 7 mm
- AP-2381-04 9 mm
- AP-2381-05 11 mm
- AP-2381-06 13 mm



Foman Chisel with guard
16.5cm/6 1/2"

- AP-2382-01 4 mm
- AP-2382-02 5 mm
- AP-2382-03 6 mm
- AP-2382-04 7 mm



Robin Osteotome
18cm/7"

- AP-2383-01 8 mm
- AP-2383-02 10 mm
- AP-2383-03 12 mm
- AP-2383-04 14 mm
- AP-2383-05 16 mm



McIndoe Chisel
15cm/6"

- AP-2384-01 9 mm
- AP-2384-02 11 mm
- AP-2384-03 13 mm
- AP-2384-04 15 mm



Killian Septum Gouge
Notched edge bayonet
shaped 6mm width
AP-2385-16
16cm/6 1/4"



Killian Septum Gouge
Round cutting edge
bayonet shaped 6mm width
AP-2386-16
16cm/6 1/4"



**Cinelli Double
Guarded Osteotome**
16cm/6 1/4"
AP-2387-01 8 mm
AP-2387-02 10 mm
AP-2387-03 12 mm
AP-2387-04 14 mm
AP-2387-05 16 mm



Braithwaite Chisel
14.5cm/5 3/4", 5mm wide
AP-2388-01 Without guard
AP-2388-02 Guard on left
AP-2388-03 Guard on right



**Nievert Chisel
with Guard**
20cm/8"
AP-2389-01 Straight
AP-2389-02 Curved left
AP-2389-03 Curved



**Silver Chisel
with guard (Frenchay)**
18cm/7"
AP-2390-01 Straight
AP-2390-02 Curved left
AP-2390-03 Curved right



Wagner
AP-2391-01 6 mm
AP-2391-02 8 mm



Wagner
AP-2392-04 4 mm



Wagner
AP-2393-01 4 mm
AP-2393-02 6 mm
AP-2393-03 8 mm



Mead
AP-2394-17
17 cm, Ø 26 mm



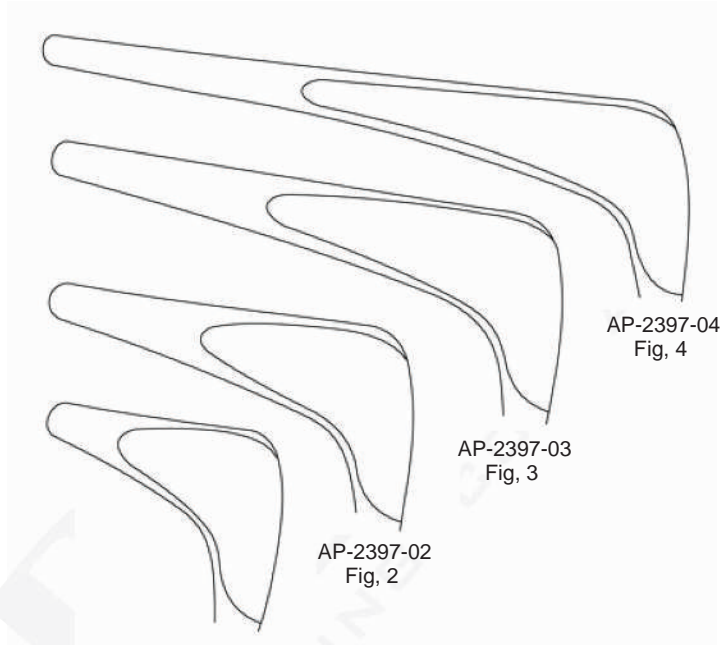
Nylon
AP-2395-18
18.5 cm



Gerzog
AP-2396-18
18 cm 250g



Cottle
15 cm/6"



AP-2397-01
Fig, 1

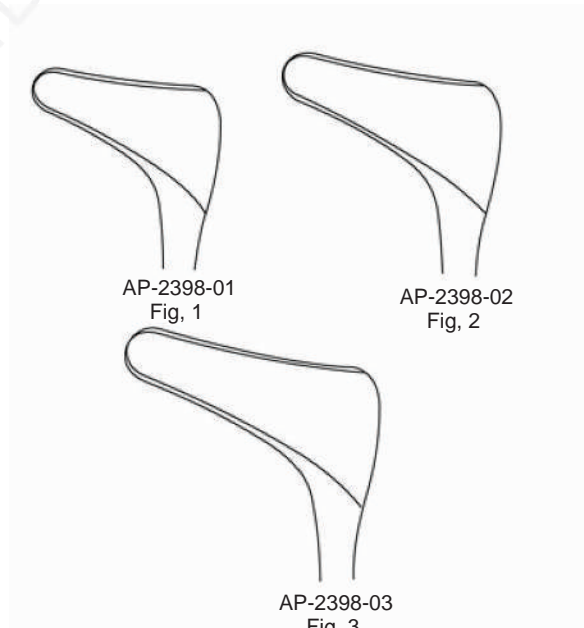
AP-2397-02
Fig, 2

AP-2397-03
Fig, 3

AP-2397-04
Fig, 4



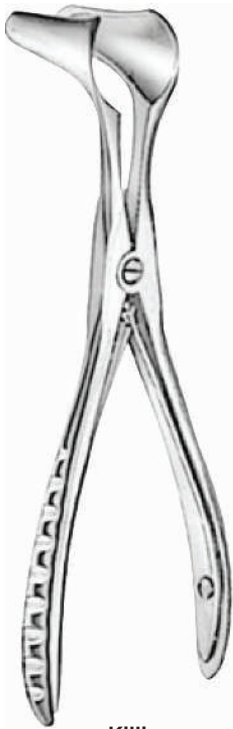
Hartmann-Halle
15 cm/6"



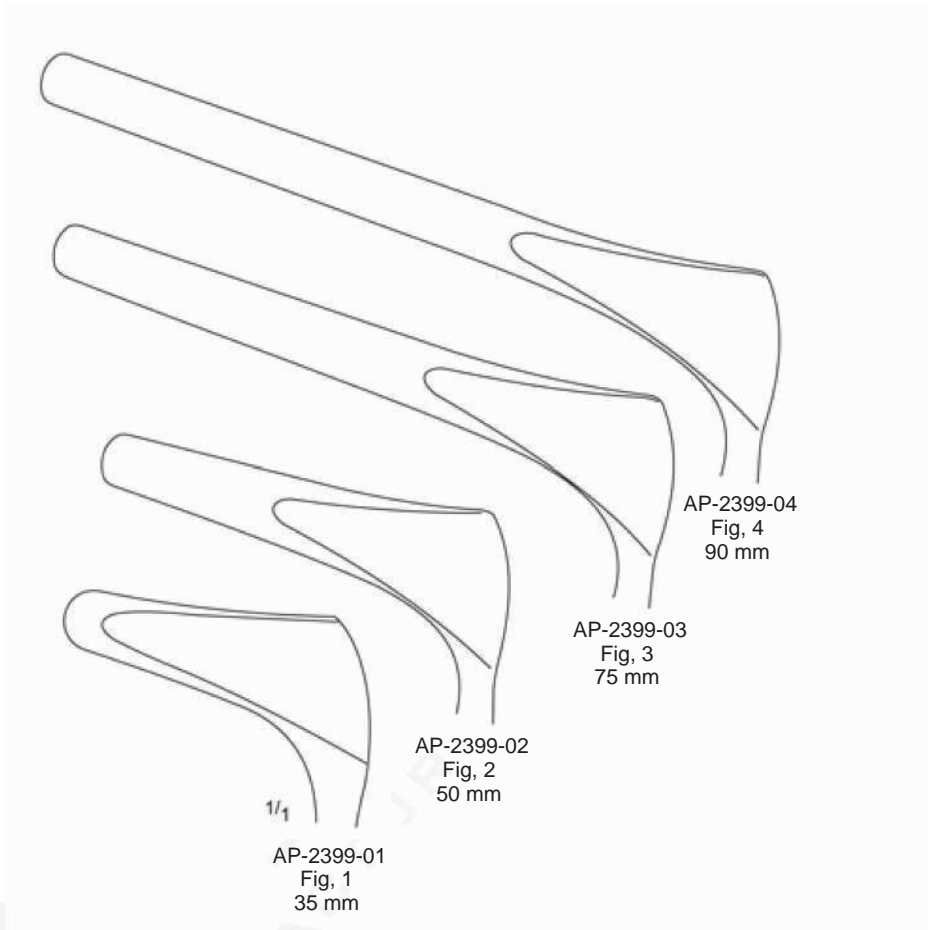
AP-2398-01
Fig, 1

AP-2398-02
Fig, 2

AP-2398-03
Fig, 3



Killian
14 cm/5 1/2"



AP-2399-01
Fig. 1
35 mm

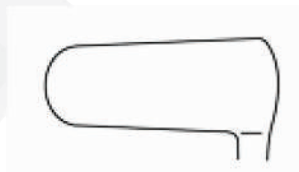
AP-2399-02
Fig. 2
50 mm

AP-2399-03
Fig. 3
75 mm

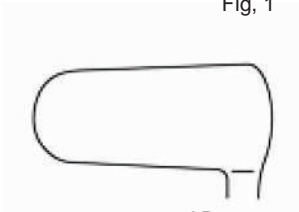
AP-2399-04
Fig. 4
90 mm



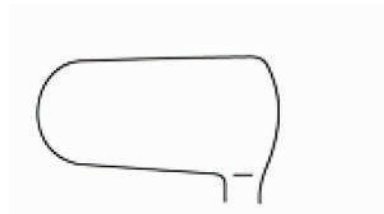
Goldsmith (Thudicum)
6.5 cm/2 1/2"



AP-2400-01
Fig. 1



AP-2400-02
Fig. 2



AP-2400-03
Fig. 3



Watson Skin Graft Knife
AP-2401-30
30 cm



Braithwaite Skin Graft Knife
AP-2402-30
30 cm

Three holes, diagonal



AP-2402-01
20 cm
Ø 3 mm



AP-2402-03
30 cm
Ø 4 mm



AP-2402-03
30 cm
Ø 5 mm



AP-2402-04
40 cm
Ø 6 mm



AP-2403-01
25 cm
Ø 2 mm



AP-2403-02
25 cm
Ø 3 mm

For infiltration



One central hole / two lateral holes



AP-2404-01
30 cm
Ø 5 mm



AP-2404-02
30 cm
Ø 5 mm

Working Length

30 cm



AP-2405-01
5 cm
Ø1.7 mm

AP-2405-02
5 cm
Ø2.0 mm

AP-2405-03
5 cm
Ø3.0 mm

AP-2406-01
15 cm
Ø1.7 mm

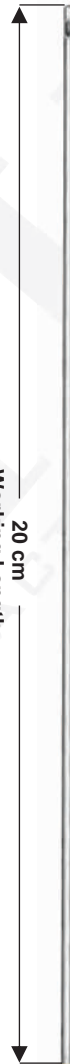
AP-2406-02
15 cm
Ø2.0 mm

AP-2406-03
15 cm
Ø3.0 mm

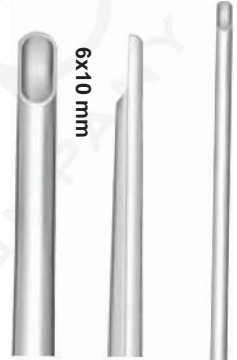
Point with hole/one lateral hole



AP-2407-30
30 cm
Ø3 mm



Working Length
20 cm

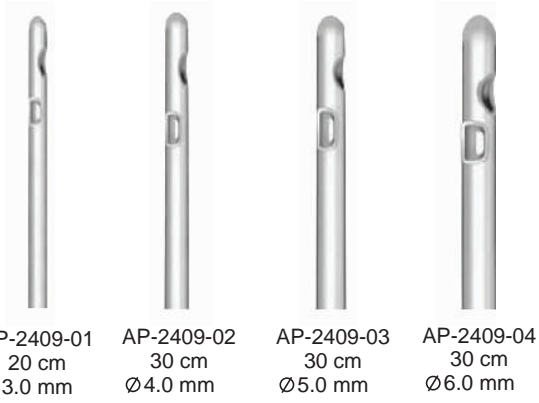


6x10 mm

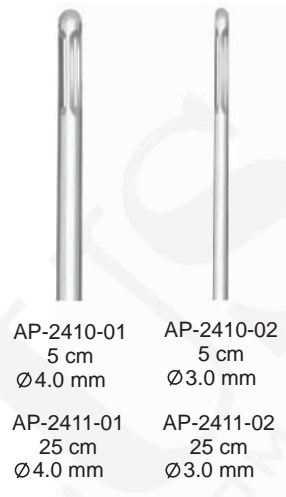
AP-2408-30
30 cm
AP-2408-35
35 cm



One lateral hole
For fine proportioning in facial section

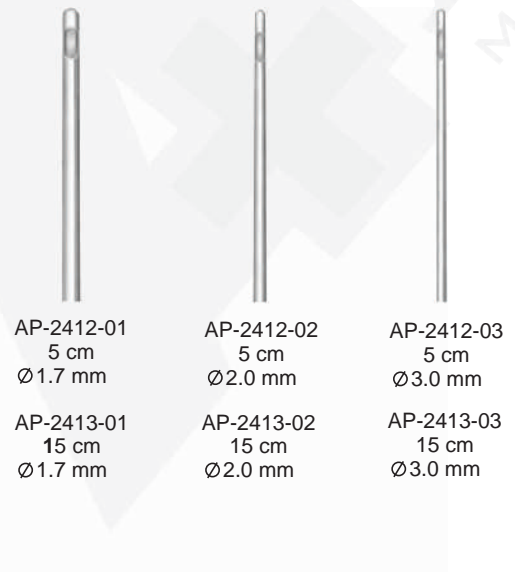


One central hole, two lateral holes

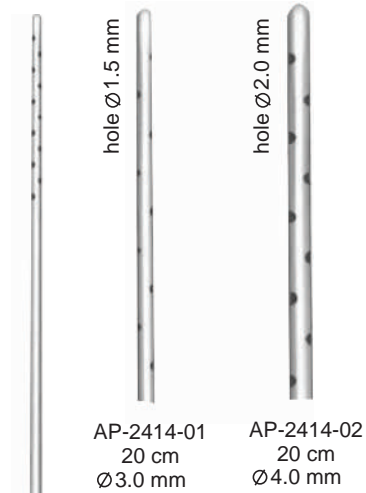


Three lateral holes

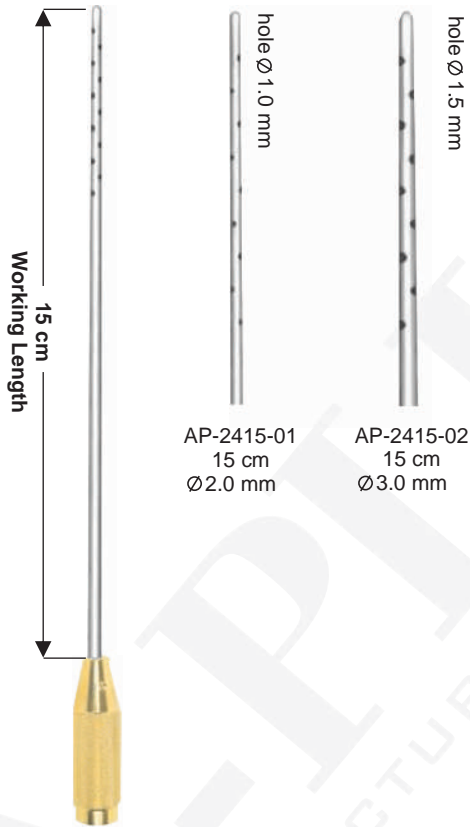
One lateral hole



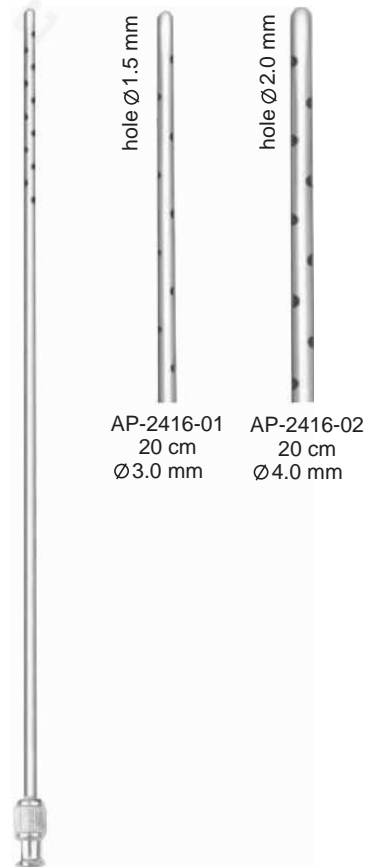
22 hole



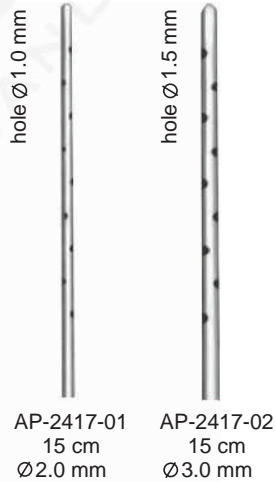
18 hole



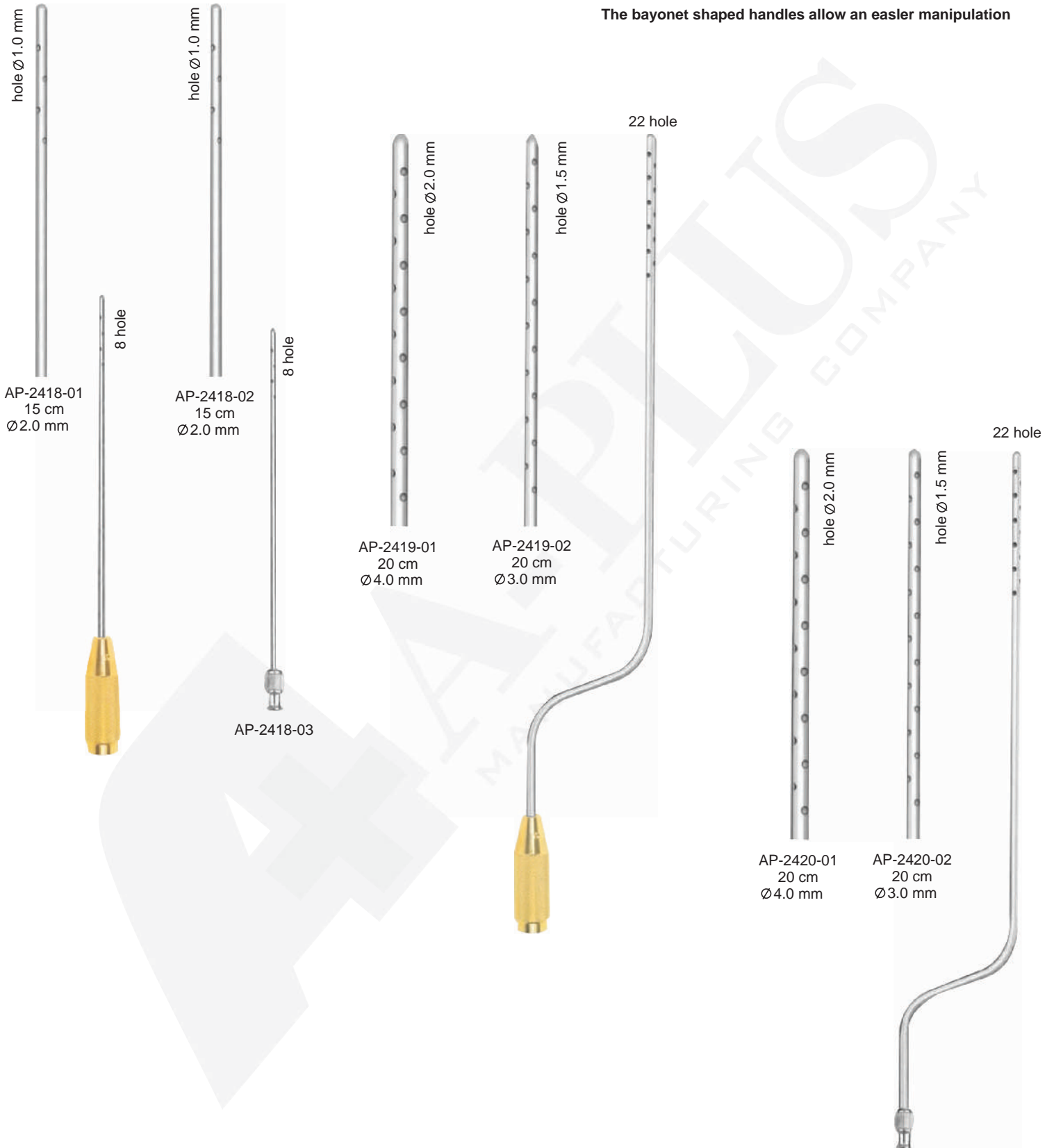
22 hole



18 hole



The bayonet shaped handles allow an easier manipulation





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