



Instrument Design & Production Company

Titanium Surgical Instruments



Instrument Design & Production Company proudly presents an elite range of titanium surgical instruments .

Titanium surgical instruments have several advantages making them a naturally superior choice .

In order to fully appreciate the advantages and benefits of titanium instruments , it is important to understand the properties of the metal titanium and its following natural superiority :

- 1) Titanium is one of the strongest metals found on earth.
- 2) Titanium is a white metal and is about half the weight of standard stainless steel .
- 3) The significant weight difference has a drastic decrease in the fatigue to the surgeon when dealing with delicate surgeries or long procedures.
- 4) The titanium metal has many layers which protect it from oxidation acids and chlorides , thus preserving the integrity of the instrument.
- 5) Titanium instruments are corrosion proof and elements like salt water , saline , blood, alkalies or other body fluid have no detrimental effect on them .
- 6) Titanium instruments can sustain temperatures upto 440 degree celsius and even rapid high temperature sterilizing methods like flash autoclaving are acceptable.
- 7) Titanium instruments are non-magnetic and glare free.
- 8) Titanium instruments have a considerably longer life when compared to other instruments.
- 9) There are no dyes or paints used to colour titanium instruments , the titanium surface is processed to change the way in which light reflects back from the surface giving the illusion of colour.
- 10) Titanium instruments can withstand repeated sterilization without compromise to the edge or surface quality , corrosion resistance or strength.

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Titanium Micro Needle Holders with Tungsten Carbide Coated Jaws, Round Handles and Length 14cms

ID - 001	Straight, without lock, 0.3 mm tips
ID - 002	Straight, with lock, 0.3 mm tips
ID - 003	Curved, without lock, 0.3 mm tips
ID - 004	Curved, with lock, 0.3 mm tips
ID - 005	Straight, without lock, 0.5 mm tips
ID - 006	Straight, with lock, 0.5 mm tips
ID - 007	Curved, without lock, 0.5 mm tips
ID - 008	Curved, with lock, 0.5 mm tips
ID - 009	Straight, without lock, 1.0 mm tips
ID - 010	Straight, with lock, 1.0 mm tips
ID - 011	Curved, without lock, 1.0 mm tips
ID - 012	Curved, with lock, 1.0 mm tips
ID - 013	Straight, without lock, 1.5 mm tips
ID - 014	Straight, with lock, 1.5 mm tips
ID - 015	Curved, without lock, 1.5 mm tips
ID - 016	Curved, with lock, 1.5 mm tips
ID - 017	Straight, without lock, 2.0 mm tips
ID - 018	Straight, with lock, 2.0 mm tips
ID - 019	Curved, without lock, 2.0 mm tips
ID - 020	Curved, with lock, 2.0 mm tips

ID - 001



ID - 004



Titanium Micro Needle Holders with Tungsten Carbide Coated Jaws, Flat Handles And Length 14cms

ID - 021	Straight, without lock, 0.7 mm tips
ID - 022	Straight, with lock, 0.7 mm tips
ID - 023	Curved, without lock, 0.7 mm tips
ID - 024	Curved, with lock, 0.7 mm tips

ID - 025	Straight, without lock, 1.2 mm tips
ID - 026	Straight, with lock, 1.2 mm tips
ID - 027	Curved, without lock, 1.2 mm tips
ID - 028	Curved, with lock, 1.2 mm tips

ID - 026



ID - 028



Titanium Micro Needle Holders with Tungsten Carbide Coated Jaws, Round Handles and Length 18cms

- ID - 029** Straight, without lock, 0.3 mm tips
- ID - 030** Straight, with lock, 0.3 mm tips
- ID - 031** Curved, without lock, 0.3 mm tips
- ID - 032** Curved, with lock, 0.3 mm tips

- ID - 033** Straight, without lock, 0.5 mm tips
- ID - 034** Straight, with lock, 0.5 mm tips
- ID - 035** Curved, without lock, 0.5 mm tips
- ID - 036** Curved, with lock, 0.5 mm tips

- ID - 037** Straight, without lock, 0.7 mm tips
- ID - 038** Straight, with lock, 0.7 mm tips
- ID - 039** Curved, without lock, 0.7 mm tips
- ID - 040** Curved, with lock, 0.7 mm tips

- ID - 041** Straight, without lock, 1.0 mm tips
- ID - 042** Straight, with lock, 1.0 mm tips
- ID - 043** Curved, without lock, 1.0 mm tips
- ID - 044** Curved, with lock, 1.0 mm tips

- ID - 045** Straight, without lock, 1.5 mm tips
- ID - 046** Straight, with lock, 1.5 mm tips
- ID - 047** Curved, without lock, 1.5 mm tips
- ID - 048** Curved, with lock, 1.5 mm tips

- ID - 049** Straight, without lock, 2.0 mm tips
- ID - 050** Straight, with lock, 2.0 mm tips
- ID - 051** Curved, without lock, 2.0 mm tips
- ID - 052** Curved, with lock, 2.0 mm tips

ID - 042



Titanium Micro Needle Holders with Tungsten Carbide Coated Jaws, Flat Handles And Length 18.5cms

- ID - 053** Straight, without lock, 0.5 mm tips
- ID - 054** Straight, with lock, 0.5 mm tips

ID - 054



Titanium Micro Needle Holders with Tungsten Carbide Coated Jaws, Round Handles and Length 20cms

ID - 055 Straight, without lock, 0.5 mm tips, 20cm
ID - 056 Straight, with lock, 0.5 mm tips, 20cm
ID - 057 Curved, without lock, 0.5 mm tips, 20cm
ID - 058 Curved, with lock, 0.5 mm tips, 20cm

ID - 059 Straight, without lock, 0.7 mm tips, 20cm
ID - 060 Straight, with lock, 0.7 mm tips, 20cm
ID - 061 Curved, without lock, 0.7 mm tips, 20cm
ID - 062 Curved, with lock, 0.7 mm tips, 20cm

ID - 063 Straight, without lock, 1.0 mm tips, 20cm
ID - 064 Straight, with lock, 1.0 mm tips, 20cm
ID - 065 Curved, without lock, 1.0 mm tips, 20cm
ID - 066 Curved, with lock, 1.0 mm tips, 20cm

ID - 067 Straight, without lock, 1.5 mm tips, 20cm
ID - 068 Straight, with lock, 1.5 mm tips, 20cm
ID - 069 Curved, without lock, 1.5 mm tips, 20cm
ID - 070 Curved, with lock, 1.5 mm tips, 20cm

ID - 071 Straight, without lock, 2.0 mm tips, 20cm
ID - 072 Straight, with lock, 2.0 mm tips, 20cm
ID - 073 Curved, without lock, 2.0 mm tips, 20cm
ID - 074 Curved, with lock, 2.0 mm tips, 20cm

ID - 068



Titanium Micro Needle Holders with Tungsten Carbide Coated Jaws, Round Handles and Length 23cms

ID - 075 Straight, without lock, 0.5 mm tips, 23cm
ID - 076 Straight, with lock, 0.5 mm tips, 23cm
ID - 077 Curved, without lock, 0.5 mm tips, 23cm
ID - 078 Curved, with lock, 0.5 mm tips, 23cm

ID - 079 Straight, without lock, 0.7 mm tips, 23cm
ID - 080 Straight, with lock, 0.7 mm tips, 23cm
ID - 081 Curved, without lock, 0.7 mm tips, 23cm
ID - 082 Curved, with lock, 0.7 mm tips, 23cm

ID - 083 Straight, without lock, 1.0 mm tips, 23cm
ID - 084 Straight, with lock, 1.0 mm tips, 23cm
ID - 085 Curved, without lock, 1.0 mm tips, 23cm
ID - 086 Curved, with lock, 1.0 mm tips, 23cm

ID - 087 Straight, without lock, 1.5 mm tips, 23cm
ID - 088 Straight, with lock, 1.5 mm tips, 23cm
ID - 089 Curved, without lock, 1.5 mm tips, 23cm
ID - 090 Curved, with lock, 1.5 mm tips, 23cm

ID - 091 Straight, without lock, 2.0 mm tips, 23cm
ID - 092 Straight, with lock, 2.0 mm tips, 23cm
ID - 093 Curved, without lock, 2.0 mm tips, 23cm
ID - 094 Curved, with lock, 2.0 mm tips, 23cm

ID - 088



Titanium Micro Needle Holders with Tungsten Carbide Coated Jaws, Round Handles and Switch On/Off Locks

ID - 095	Straight, 0.3 mm tips, 17.5cm
ID - 096	Curved, 0.3 mm tips, 17.5cm
ID - 097	Straight, 0.5 mm tips, 17.5cm
ID - 098	Curved, 0.5 mm tips, 17.5cm
ID - 099	Straight, 0.7 mm tips, 17.5cm
ID - 100	Curved, 0.7 mm tips, 17.5cm
ID - 101	Straight, 1.0 mm tips, 17.5cm
ID - 102	Curved, 1.0 mm tips, 17.5cm
ID - 103	Straight, 1.5 mm tips, 17.5cm
ID - 104	Curved, 1.5 mm tips, 17.5cm
ID - 105	Straight, 0.3 mm tips, 20cm
ID - 106	Curved, 0.3 mm tips, 20cm
ID - 107	Straight, 0.5 mm tips, 20cm
ID - 108	Curved, 0.5 mm tips, 20cm
ID - 109	Straight, 0.7 mm tips, 20cm
ID - 110	Curved, 0.7 mm tips, 20cm
ID - 111	Straight, 1.0 mm tips, 20cm
ID - 112	Curved, 1.0 mm tips, 20cm
ID - 113	Straight, 1.5 mm tips, 20cm
ID - 114	Curved, 1.5 mm tips, 20cm
ID - 115	Straight, 0.3 mm tips, 23cm
ID - 116	Curved, 0.3 mm tips, 23cm
ID - 117	Straight, 0.5 mm tips, 23cm
ID - 118	Curved, 0.5 mm tips, 23cm
ID - 119	Straight, 0.7 mm tips, 23cm
ID - 120	Curved, 0.7 mm tips, 23cm
ID - 121	Straight, 1.0 mm tips, 23cm
ID - 122	Curved, 1.0 mm tips, 23cm
ID - 123	Straight, 1.5 mm tips, 23cm
ID - 124	Curved, 1.5 mm tips, 23cm
ID - 125	Straight, 0.3 mm tips, 25cm
ID - 126	Curved, 0.3 mm tips, 25cm
ID - 127	Straight, 0.5 mm tips, 25cm
ID - 128	Curved, 0.5 mm tips, 25cm
ID - 129	Straight, 0.7 mm tips, 25cm
ID - 130	Curved, 0.7 mm tips, 25cm
ID - 131	Straight, 1.0 mm tips, 25cm
ID - 132	Curved, 1.0 mm tips, 25cm
ID - 133	Straight, 1.5 mm tips, 25cm
ID - 134	Curved, 1.5 mm tips, 25cm
ID - 135	Straight, 0.5 mm tips, 27.5cm
ID - 136	Curved, 0.5 mm tips, 27.5cm
ID - 137	Straight, 1.0 mm tips, 27.5cm
ID - 138	Curved, 1.0 mm tips, 27.5cm
ID - 139	Straight, 0.5 mm tips, 30cm
ID - 140	Curved, 0.5 mm tips, 30cm
ID - 141	Straight, 1.0 mm tips, 30cm
ID - 142	Curved, 1.0 mm tips, 30cm

ID - 097



ID - 121



Titanium Jacobson Needle Holders with Tungsten Carbide Coated Jaws, Round Handle and Switch On/Off Locks

ID - 143	Straight, 1.5x17.5 mm jaw, 17.5cm
ID - 144	Curved, 1.5x17.5 mm jaw, 17.5cm
ID - 145	Straight, 1.5x17.5 mm jaw, 20cm
ID - 146	Curved, 1.5x17.5 mm jaw, 20cm
ID - 147	Straight, 1.5x17.5 mm jaw, 23cm
ID - 148	Curved, 1.5x17.5 mm jaw, 23cm

ID - 146



Titanium Jacobson Heavy Needle Holders with Tungsten Carbide Coated Jaws, Round Handle, Straight Jaws, Switch On/Off Locks Made for large needles

ID - 149	2.2x18 mm jaw, 17.5cm
ID - 150	2.2x18 mm jaw, 20cm
ID - 151	2.2x18 mm jaw, 23cm
ID - 152	2.2x18 mm jaw, 25cm

ID - 149



Titanium Jacobson Needle Holders with Tungsten Carbide Coated Jaws, Round Handle, Streamline Body, Straight

ID - 153	Without lock, 15cm
ID - 154	With lock, 15cm
ID - 155	Without lock, 18.5cm
ID - 156	With lock, 18.5cm
ID - 157	Without lock, 20cm
ID - 158	With lock, 20cm
ID - 159	Without lock, 25cm
ID - 160	With lock, 25cm

ID - 158



Titanium Bayonet Yasargil Micro Needle Holder with Tungsten Carbide Coated Jaws, Flat Handles

- ID - 161** Straight jaw, without lock, 18.5cm
- ID - 162** Straight jaw, with lock, 18.5cm
- ID - 163** Curved jaw, without lock, 18.5cm
- ID - 164** Curved jaw, with lock, 18.5cm

- ID - 165** Straight jaw, without lock, 21cm
- ID - 166** Straight jaw, with lock, 21cm
- ID - 167** Curved jaw, without lock, 21cm
- ID - 168** Curved jaw, with lock, 21cm

- ID - 169** Straight jaw, without lock, 23cm
- ID - 170** Straight jaw, with lock, 23cm
- ID - 171** Curved jaw, without lock, 23cm
- ID - 172** Curved jaw, with lock, 23cm

ID - 168



Titanium Bayonet Yasargil Micro Needle Holder with Tungsten Carbide Coated Jaws and Round Handles

- ID - 173** Straight jaw, without lock, 21cm
- ID - 174** Straight jaw, with lock, 21cm
- ID - 175** Curved jaw, without lock, 21cm
- ID - 176** Curved jaw, with lock, 21cm

- ID - 177** Straight jaw, without lock, 23cm
- ID - 178** Straight jaw, with lock, 23cm
- ID - 179** Curved jaw, without lock, 23cm
- ID - 180** Curved jaw, with lock, 23cm

ID - 174



Titanium Needle Holder with Tungsten Carbide Coated Jaws

Vascular

ID - 181	1.2 x 12mm Jaw, 12 cm
ID - 182	1.2 x 12mm Jaw, 13 cm
ID - 183	1.3 x 14mm Jaw, 14 cm
ID - 184	1.4 x 14mm Jaw, 16 cm
ID - 185	1.5 x 15mm Jaw, 18 cm

ID - 188

Debaquey

ID - 186	1.5 x 14.5mm Jaw, 12 cm
ID - 187	1.6 x 14.5mm Jaw, 13 cm
ID - 188	1.7 x 17mm Jaw, 14 cm
ID - 189	1.8 x 17mm Jaw, 16 cm
ID - 190	2.0 x 18mm Jaw, 18 cm

Mayo

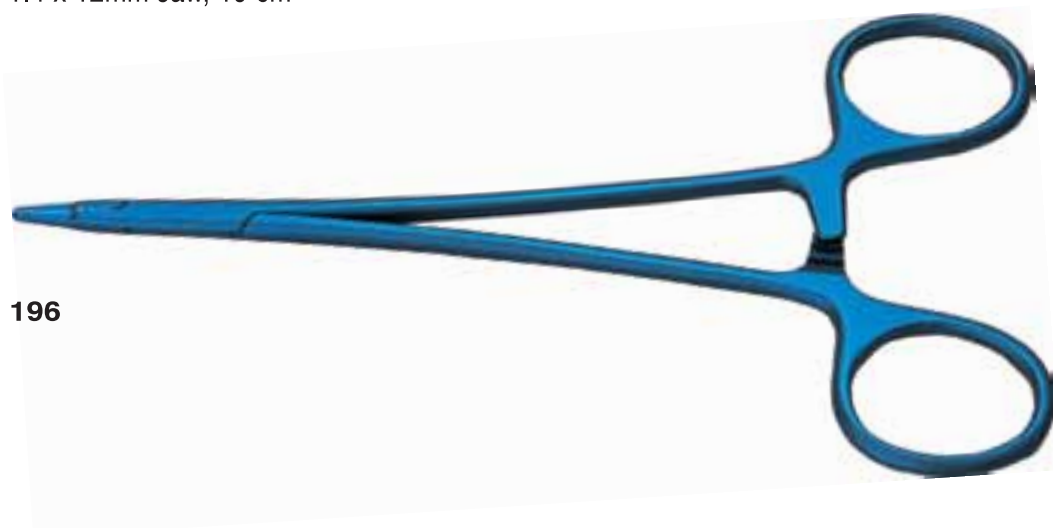
ID - 191	1.8 x 14.5mm Jaw, 12 cm
ID - 192	2.0 x 14.5mm Jaw, 13 cm
ID - 193	2.1 x 17mm Jaw, 14 cm
ID - 194	2.2 x 17mm Jaw, 16 cm
ID - 195	2.5 x 18mm Jaw, 18 cm



Titanium Ryder Needle Holder with Tungsten Carbide Coated Jaws

ID - 196	1.4 x 10mm Jaw, 15 cm
ID - 197	1.4 x 11mm Jaw, 17 cm
ID - 198	1.4 x 12mm Jaw, 19 cm

ID - 196



Titanium Olsen-Hegar Needle Holder with Tungsten Carbide Coated Jaws, Combined with Scissors

ID - 199	1.5 mm tips, 12 cm
ID - 200	1.8 mm tips, 12 cm
ID - 201	1.6 mm tips, 13 cm
ID - 202	2.0 mm tips, 13 cm
ID - 203	1.7 mm tips, 14 cm
ID - 204	2.1 mm tips, 14 cm
ID - 205	1.8 mm tips, 16 cm
ID - 206	2.2 mm tips, 16 cm
ID - 207	2.0 mm tips, 18 cm
ID - 208	2.5 mm tips, 18 cm

ID - 203



Titanium Debakey Double Action Needle Holder with Tungsten Carbide Coated Jaws

ID - 209	20.7 x 2.2 mm jaw, 24 cm
ID - 210	20.7 x 2.5 mm jaw, 28 cm

ID - 209



Titanium Micro Ring Tip Forceps with Tungsten Carbide Coated Jaws, Round Handle

ID - 250 1.0 mm ring tips, 15 cm

ID - 251 1.3 mm ring tips, 15 cm

ID - 252 1.0 mm ring tips, 18 cm

ID - 253 1.3 mm ring tips, 18 cm

ID - 254 1.0 mm ring tips, 20 cm

ID - 255 1.3 mm ring tips, 20 cm

ID - 256 1.5 mm ring tips, 20 cm

ID - 257 1.0 mm ring tips, 23 cm

ID - 258 1.3 mm ring tips, 23 cm

ID - 259 1.5 mm ring tips, 23 cm

ID - 260 1.0 mm ring tips, 25 cm

ID - 261 1.3 mm ring tips, 25 cm

ID - 262 1.5 mm ring tips, 25 cm

ID - 263 1.0 mm ring tips, 27.5 cm

ID - 264 1.3 mm ring tips, 27.5 cm

ID - 265 1.5 mm ring tips, 27.5 cm

ID - 255



Titanium Gerald Forceps

ID - 266 Flat handle, straight, 1.0mm atraumatic tips, 18cm

ID - 267 Flat handle, straight, 1.0mm atraumatic tips, 20cm

ID - 266



Titanium Debakey Vascular Dissecting Forceps, Round Handles

ID - 268 Straight, 1.0 mm tips, 15 cm

ID - 269 Straight, 1.2 mm tips, 15 cm

ID - 270 Straight, 2.0 mm tips, 15 cm

ID - 271 Straight, 1.0 mm tips, 18 cm

ID - 272 Straight, 1.2 mm tips, 18 cm

ID - 273 Straight, 2.0 mm tips, 18 cm

ID - 274 Straight, 1.0 mm tips, 20 cm

ID - 275 Straight, 1.2 mm tips, 20 cm

ID - 276 Straight, 2.0 mm tips, 20 cm

ID - 277 Straight, 1.0 mm tips, 24 cm

ID - 278 Straight, 1.2 mm tips, 24 cm

ID - 279 Straight, 2.0 mm tips, 24 cm

ID - 275



Titanium Debakey Vascular Forceps, Round Handles, Angled

ID - 281



ID - 280 Angled, 1.0 mm tips, 21 cm

ID - 281 Angled, 1.2 mm tips, 21 cm

Titanium Debakey Vascular Dissecting Forceps, Flat Handles

ID - 282	Straight, 1.0 mm tips, 15 cm	ID - 288	Straight, 1.0 mm tips, 20 cm
ID - 283	Straight, 1.2 mm tips, 15 cm	ID - 289	Straight, 1.2 mm tips, 20 cm
ID - 284	Straight, 2.0 mm tips, 15 cm	ID - 290	Straight, 2.0 mm tips, 20 cm
ID - 285	Straight, 1.0 mm tips, 18 cm	ID - 291	Straight, 1.0 mm tips, 24 cm
ID - 286	Straight, 1.2 mm tips, 18 cm	ID - 292	Straight, 1.2 mm tips, 24 cm
ID - 287	Straight, 2.0 mm tips, 18 cm	ID - 293	Straight, 2.0 mm tips, 24 cm

ID - 290



Titanium Debakey Needle Pulling Tissue Forceps

Tip Length 6mm Atraumatic Jaws Followed by Tungsten Carbide coated Platform for Secure Needle Grip

ID - 294	Round Handle, Straight, 2.0 mm atraumatic tips, 20 cm
ID - 295	Flat Handle, Straight, 2.0 mm atraumatic tips, 20 cm

ID - 295



Titanium Gerald Debakey Tissue Forceps

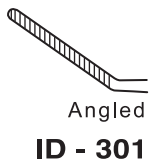
ID - 296	Flat handle, straight, 1.5 mm atraumatic tips, 20cm
ID - 297	Flat handle, straight, 1.0 mm atraumatic tips, 20cm

ID - 296



Titanium Cushing Forceps

- ID - 298** Flat handle, straight, 1.0 mm serrated tips, scraper end, 18cm
- ID - 299** Flat handle, angled, 1.4 mm serrated tips, 18cm
- ID - 300** Flat handle, straight, 1.0 mm serrated tips, scraper end, 21cm
- ID - 301** Flat handle, angled, 1.4 mm serrated tips, 21cm

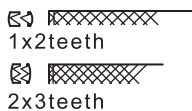


ID - 300



Titanium Barraya Tissue Forceps

- ID - 302** Flat handle, 1 x 2 teeth, 20cm
- ID - 303** Flat handle, 2 x 3 teeth, 20cm



Titanium Dual Vascular and Cardiac Tissue Forceps with Tungsten Carbide Coated Platform

- ID - 304** Round handle, 1.2 mm beak nose tip, with 10 mm platform, 18cm
- ID - 305** Round handle, 1.2 mm beak nose tip, with 10 mm platform, 20cm
- ID - 306** Round handle, 1.2 mm beak nose tip, with 10 mm platform, 23cm



Titanium Resano Vascular Dissecting Forceps

- ID - 307** Narrow double row of fine serrations on each jaw, 18cm
- ID - 308** Narrow double row of fine serrations on each jaw, 23cm
- ID - 309** Narrow double row of fine serrations on each jaw, 32cm

ID - 308



Titanium Resano Vascular Forceps

- ID - 310** with 3 articulations, 28cm



Titanium Straight Micro Forceps with Tungsten Carbide Coated Platform Jaws, Round Handles

ID - 311 0.1 mm tips, length 15cm
ID - 312 0.2 mm tips, length 15cm
ID - 313 0.3 mm tips, length 15cm
ID - 314 0.4 mm tips, length 15cm
ID - 315 0.6 mm tips, length 15cm

ID - 316 0.5mm tips, length 16cm
ID - 317 1.0mm tips, length 16cm

ID - 318 0.2 mm tips, length 18cm
ID - 319 0.3 mm tips, length 18cm
ID - 320 0.7 mm tips, length 18cm

ID - 321 1.0mm tips, length 18.5cm

ID - 322 0.3 mm tips, length 20cm
ID - 323 0.7 mm tips, length 20cm

ID - 324 1.0mm tips, length 21cm

ID - 325 0.3 mm tips, length 23cm
ID - 326 0.7 mm tips, length 23cm

ID - 327 0.5 mm tips, length 25cm
ID - 328 1.0 mm tips, length 25cm

ID - 329 0.7 mm tips, length 27.5cm

ID - 330 1.0 mm tips, length 30cm

ID - 323



Titanium Curved Micro Forceps with Tungsten Carbide Coated Platform Jaws, Round Handles

ID - 331 0.2 mm tips, length 15cm
ID - 332 0.3 mm tips, length 15cm
ID - 333 0.6 mm tips, length 15cm

ID - 334 0.2 mm tips, length 18cm
ID - 335 0.3 mm tips, length 18cm
ID - 336 0.7 mm tips, length 18cm

ID - 337 1.0mm tips, length 18.5cm

ID - 338 0.3 mm tips, length 20cm
ID - 339 0.7 mm tips, length 20cm

ID - 340 0.3 mm tips, length 23cm
ID - 341 0.7 mm tips, length 23cm

ID - 342 0.5 mm tips, length 25cm
ID - 343 1.0 mm tips, length 25cm

ID - 344 0.7 mm tips, length 27.5cm

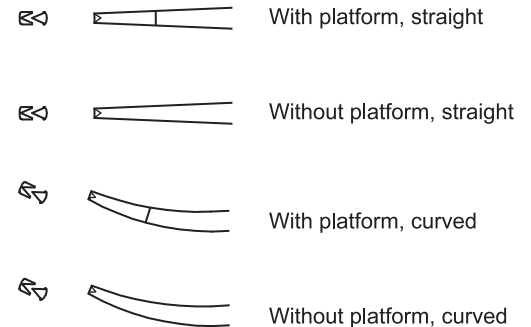
ID - 345 1.0 mm tips, length 30cm

ID - 334



Titanium Micro Toothed Forceps with Tungsten Carbide Coated Jaws

- ID - 346** With platform, straight, 0.3 mm teeth, 15 cm
- ID - 347** With platform, curved, 0.3 mm teeth, 15 cm
- ID - 348** With platform, straight, 0.5 mm teeth, 15 cm
- ID - 349** With platform, curved, 0.5 mm teeth, 15 cm
- ID - 350** Without platform, straight, 0.5 mm teeth, 15 cm
- ID - 351** Without platform, curved, 0.5 mm teeth, 15 cm
- ID - 352** With platform, 1 x 2teeth, 16cm
- ID - 353** Without platform, 1 x 2 teeth, 16cm
- ID - 354** With platform, straight, 0.3 mm teeth, 18 cm
- ID - 355** With platform, curved, 0.3 mm teeth, 18 cm
- ID - 356** With platform, straight, 0.5 mm teeth, 18 cm
- ID - 357** With platform, curved, 0.5 mm teeth, 18 cm
- ID - 358** Without platform, straight, 0.5 mm teeth, 18 cm
- ID - 359** Without platform, curved, 0.5 mm teeth, 18 cm
- ID - 360** Without platform, 1 x 2teeth, 21cm

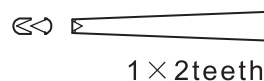


ID - 348



Titanium Standard Dissecting Forceps

- ID - 361** 1 mm tips, 15 cm
- ID - 362** 2 mm tips, 15 cm
- ID - 363** 1 x 2 teeth, 15 cm
- ID - 364** 1 mm tips, 18 cm
- ID - 365** 2 mm tips, 18 cm
- ID - 366** 1 x 2 teeth, 18 cm
- ID - 367** 1 mm tips, 20 cm
- ID - 368** 2 mm tips, 20 cm
- ID - 369** 1 x 2 teeth, 20 cm
- ID - 370** 1 mm tips, 24.2 cm
- ID - 371** 2 mm tips, 24.2 cm
- ID - 372** 1 x 2 teeth, 24.2 cm



ID - 367



Titanium Jeweler Forceps

ID - 373 #1 Straight, 0.10 x 0.06mm tips, 12 cm

ID - 374 #1 Straight, 0.20 x 0.12mm tips, 12 cm



ID - 375 #2 Straight, 0.17 x 0.07mm tips, 12 cm

ID - 376 #2 Straight, 0.34 x 0.14mm tips, 12 cm



ID - 377 #3 Straight, 0.08 x 0.04mm tips, 12 cm

ID - 378 #3 Straight, 0.17 x 0.10mm tips, 12 cm

ID - 379 #3 c Straight, 0.08 x 0.04mm tips, 11 cm



ID - 380 #4 Straight, 0.06 x 0.02mm tips, 11 cm

ID - 381 #4 Straight, 0.13 x 0.08mm tips, 11 cm



ID - 382 #5 Straight, 0.05 x 0.01mm tips, 11 cm

ID - 383 #5 Straight, 0.10 x 0.06mm tips, 11 cm

ID - 384 #5 Straight, with platform, 11 cm



With platform



ID - 385 #5 Angled 45°, 0.05 x 0.01mm tips, 11 cm

ID - 386 #5 Angled 45°, with platform, 11 cm

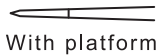


With platform



ID - 387 #5 Angled 90°, 0.05 x 0.01mm tips, 11 cm

ID - 388 #5 Angled 90°, with platform, 11 cm



With platform



ID - 389 #7 Curved, 0.17 x 0.10mm tips, 11.7 cm



ID - 390 0.15 x 0.12mm tips, 15.5 cm

ID - 391 with platform, 15.5 cm



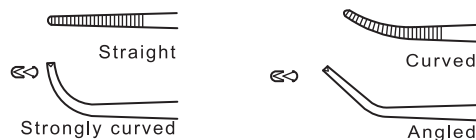
With platform



Titanium Graefe Forceps, Length 11cm

- ID - 392** 0.8 mm serrated tips, straight
- ID - 393** 0.8 mm 1 x 2 teeth, straight
- ID - 394** 0.8 mm serrated tips, curved
- ID - 395** 0.8 mm 1 x 2 teeth, curved
- ID - 396** 0.8 mm serrated tips, strongly curved
- ID - 397** 0.8 mm 1 x 2 teeth, strongly curved
- ID - 398** 0.8 mm serrated tips, angled
- ID - 399** 0.8 mm 1 x 2 teeth, angled

ID - 393



Titanium Bishop-Harmon Forceps with Tungsten Carbide Coated Jaws

- ID - 400** 0.5 mm tips, 9cm
- ID - 401** 1 x 2 teeth, 9cm



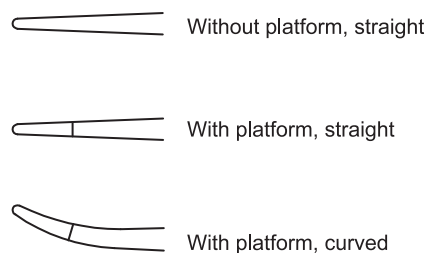
Titanium Tying Forceps with Tungsten Carbide Coated Jaws

- ID - 402** 0.4 mm tips, with platform, 9cm
- ID - 403** 1 x 2 teeth, with platform, 9cm



Titanium Adson Tissue Forceps with Tungsten Carbide Coated Jaws

- ID - 404** Without platform, straight, 12cm
- ID - 405** With platform, straight, 12cm
- ID - 406** With platform, curved, 12cm
- ID - 407** Without platform, straight, 15cm
- ID - 408** With platform, straight, 15cm
- ID - 409** With platform, curved, 15cm

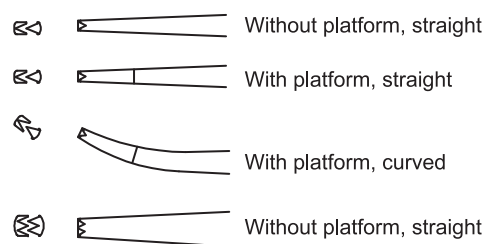


ID - 409



Titanium Adson Tissue Forceps Toothed with Tungsten Carbide Coated Jaws

- ID - 410** without platform, straight, 1 x 2 teeth, 12cm
- ID - 411** with platform, straight, 1 x 2 teeth, 12cm
- ID - 412** with platform, curved, 1 x 2 teeth, 12cm
- ID - 413** without platform, straight, 2 x 3 teeth, 12cm
- ID - 414** without platform, straight, 1 x 2 teeth, 15cm
- ID - 415** with platform, straight, 1 x 2 teeth, 15cm
- ID - 416** with platform, curved, 1 x 2 teeth, 15cm
- ID - 417** without platform, straight, 2 x 3 teeth, 15cm



ID - 411



Titanium Adson Brown Tissue Forceps

- ID - 418** Straight, 7 x 7 teeth, 12cm
- ID - 419** Curved, 7 x 7 teeth, 12cm
- ID - 420** Straight, 7 x 7 teeth, 15cm
- ID - 421** Curved, 7 x 7 teeth, 15cm



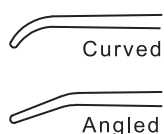
Curved

ID - 418



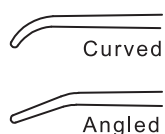
Titanium Yasargil Bayonet Micro Forceps with Tungsten Carbide Coated Jaws and Flat Handles

ID - 422	Straight, 0.5 mm tips, 19cm	ID - 430	Straight, 0.5 mm tips, 23cm
ID - 423	Straight, 1.0 mm tips, 19cm	ID - 431	Curved up, 0.5 mm tips, 23cm
ID - 424	Straight, 0.5 mm tips, 21cm	ID - 432	Angled up, 0.5 mm tips, 23cm
ID - 425	Curved up, 0.5 mm tips, 21cm	ID - 433	Straight, 1.0 mm tips, 23cm
ID - 426	Angled up, 0.5 mm tips, 21cm	ID - 434	Curved up, 1.0 mm tips, 23cm
ID - 427	Straight, 1.0 mm tips, 21cm	ID - 435	Angled up, 1.0 mm tips, 23cm
ID - 428	Curved up, 1.0 mm tips, 21cm		
ID - 429	Angled up, 1.0 mm tips, 21cm		



Titanium Yasargil Bayonet Micro Forceps with Tungsten Carbide Coated Jaws and Round Handles

ID - 436	Straight, 0.5 mm tips, 21cm	ID - 442	Straight, 0.5 mm tips, 23cm
ID - 437	Curved up, 0.5 mm tips, 21cm	ID - 443	Curved up, 0.5 mm tips, 23cm
ID - 438	Angled up, 0.5 mm tips, 21cm	ID - 444	Angled up, 0.5 mm tips, 23cm
ID - 439	Straight, 1.0 mm tips, 21cm	ID - 445	Straight, 1.0 mm tips, 23cm
ID - 440	Curved up, 1.0 mm tips, 21cm	ID - 446	Curved up, 1.0 mm tips, 23cm
ID - 441	Angled up, 1.0 mm tips, 21cm	ID - 447	Angled up, 1.0 mm tips, 23cm



Titanium Yasargil Bayonet Micro Forceps with Tungsten Carbide Coated Jaws and Flat Handles

ID - 448	Straight, 0.5 mm tips, 25cm
ID - 449	Curved up, 1.0 mm tips, 25cm
ID - 450	Straight, 0.5 mm tips, 26.5cm
ID - 451	Curved up, 1.0 mm tips, 26.5cm

ID - 450



Titanium Yasargil Bayonet Ring Tip Micro Forceps with Tungsten Carbide Coated Jaws

ID - 452	Flat handle, 1.0 mm ring tips, 19cm	ID - 458	Flat handle, 1.0 mm ring tips, 23cm
ID - 453	Flat handle, 1.3 mm ring tips, 19cm	ID - 459	Flat handle, 1.3 mm ring tips, 23cm
ID - 454	Flat handle, 1.0 mm ring tips, 21cm	ID - 460	Round handle, 1.0 mm ring tips, 23cm
ID - 455	Flat handle, 1.3 mm ring tips, 21cm	ID - 461	Round handle, 1.3 mm ring tips, 23cm
ID - 456	Round handle, 1.0 mm ring tips, 21cm	ID - 462	Flat handle, 1.0 mm ring tips, 25cm
ID - 457	Round handle, 1.3 mm ring tips, 21cm	ID - 463	Flat handle, 1.3 mm ring tips, 25cm



Titanium Yasargil Bayonet Micro Toothed Forceps with Tungsten Carbide Coated Jaws

ID - 464	Bayonet flat handle, 19cm	ID - 467	Bayonet flat handle, 23cm
ID - 465	Bayonet flat handle, 21cm	ID - 468	Bayonet round handle, 23cm
ID - 466	Bayonet round handle, 21cm	ID - 469	Bayonet flat handle, 25cm



Titanium Bipolar Forceps

ID - 470	Bayonet style, straight, 0.5 mm tips, 22cm
ID - 471	Bayonet style, curved, 0.5 mm tips, 22cm
ID - 472	Bayonet style, straight, 0.7 mm tips, 22cm



Titanium Potts Jacobson Scissors, Round Handles

ID - 480	25° angled, 18cm	ID - 485	25° angled, 20cm
ID - 481	45° angled, 18cm	ID - 486	45° angled, 20cm
ID - 482	60° angled, 18cm	ID - 487	60° angled, 20cm
ID - 483	90° angled, 17.5cm	ID - 488	90° angled, 19.5cm
ID - 484	125° angled, 17.5cm	ID - 489	125° angled, 19.5cm



25°angled



45°angled



60°angled



90°angled



125°angled

ID - 484



Titanium Potts Jacobson Scissors, Flat Handles

ID - 490	25° angled, 18cm	ID - 495	25° angled, 20cm
ID - 491	45° angled, 18cm	ID - 496	45° angled, 20cm
ID - 492	60° angled, 18cm	ID - 497	60° angled, 20cm
ID - 493	90° angled, 17.5cm	ID - 498	90° angled, 19.5cm
ID - 494	125° angled, 17.5cm	ID - 499	125° angled, 19.5cm



25°angled



45°angled



60°angled



90°angled



125°angled

ID - 496



Titanium Potts Circumflex Scissors, Bayonet Flat Handles, 12mm Blades

ID - 500	25° angled, 18cm
ID - 501	45° angled, 18cm
ID - 502	45° reverse angled, cutting blades (left handed), 18cm
ID - 503	125° angled, 17.5cm
ID - 504	125° reverse angled, cutting blades (left handed), 17.5cm

ID - 501



ID - 503



Titanium Potts Circumflex Scissors, Round Handles, 1 Blade with Bead Tip

ID - 505	25° angled, 18cm	ID - 510	25° angled, 20cm
ID - 506	45° angled, 18cm	ID - 511	45° angled, 20cm
ID - 507	60° angled, 18cm	ID - 512	60° angled, 20cm
ID - 508	90° angled, 17.5cm	ID - 513	90° angled, 19.5cm
ID - 509	125° angled, 17.5cm	ID - 514	125° angled, 19.5cm

ID - 513



Titanium Potts Circumflex Scissors, Bayonet Flat Handles, 1 Blade with Bead Tip

ID - 515	45° angled, 18cm
ID - 516	45° reverse angled, cutting blades (left handed), 18cm
ID - 517	125° angled, 17.5cm
ID - 518	125° reverse angled, cutting blades (left handed), 17.5cm

ID - 515



Titanium Potts Jacobson Scissors with Flat Handles, 12mm Blades, Length 18cm

- ID - 519** Angled on flat 25° blades
- ID - 520** Angled on flat 45° blades
- ID - 521** Angled on flat 60° blades
- ID - 522** Angled on flat 90° blades

ID - 521



Titanium Micro Scissors with Flat Handles, 12mm Blades, Length 18cm

- ID - 523** Straight
- ID - 524** Curved

ID - 523



Titanium Tenotomy Micro Scissors, 21mm From Pivot to Tip

- ID - 525** Straight, 11.5cm
- ID - 526** Curved, 11.5cm

ID - 526



Titanium Noyes Scissors, Sharp Points, 21mm From Pivot to Tip

- ID - 527** Straight, 11.5cm
- ID - 528** Curved, 11.5cm

ID - 527



Titanium Vannas Scissors

- ID - 529** Straight, cutting edge 3.5mm, 8cm
- ID - 530** Curved, cutting edge 3.5mm, 8cm
- ID - 531** Straight, cutting edge 7mm, 8.2cm
- ID - 532** Curved, cutting edge 7mm, 8.2cm

ID - 531



Titanium Jacobson Vannas Micro Scissors, Flat Handles

- ID - 533** Straight Blades, 18cm
ID - 534 45° angled on flat micro fine blades, 18cm

ID - 533



Titanium Resano Scissors

- ID - 535** With 3 articulations, 24cm



Titanium Micro Bayonet Scissors, Flat Handles

- ID - 536** 5 mm blades, straight, 18.5cm
ID - 537 5 mm blades, curved, 18.5cm
ID - 538 5 mm blades, straight, 21cm
ID - 539 5 mm blades, curved, 21cm
ID - 540 5 mm blades, straight, 23cm
ID - 541 5 mm blades, curved, 23cm

ID - 540



Titanium Yasargil Bayonet Scissors, Flat Handles

ID - 542	11 mm blades, straight, 18.5cm	ID - 550	11 mm blades, straight, 23cm
ID - 543	11 mm blades, curved, 18.5cm	ID - 551	11 mm blades, curved, 23cm
ID - 544	13 mm blades, straight, 18.5cm	ID - 552	13 mm blades, straight, 23cm
ID - 545	13 mm blades, curved, 18.5cm	ID - 553	13 mm blades, curved, 23cm
ID - 546	11 mm blades, straight, 21cm		
ID - 547	11 mm blades, curved, 21cm		
ID - 548	13 mm blades, straight, 21cm		
ID - 549	13 mm blades, curved, 21cm		

ID - 545



ID - 548



Titanium Yasargil Bayonet Micro Scissors, Round Handles

ID - 554	11 mm blades, straight, 21cm	ID - 558	11 mm blades, straight, 23cm
ID - 555	11 mm blades, curved, 21cm	ID - 559	11 mm blades, curved, 23cm
ID - 556	13 mm blades, straight, 21cm	ID - 560	14 mm blades, straight, 23cm
ID - 557	13 mm blades, curved, 21cm	ID - 561	14 mm blades, curved, 23cm

ID - 560



Titanium Micro Bayonet Scissors, Flat Handles

ID - 562	11 mm blades, straight, 25.5cm
ID - 563	11 mm blades, curved, 25.5cm

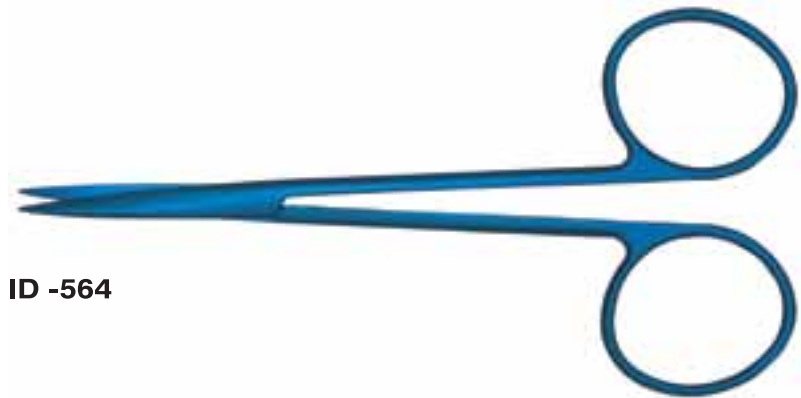
ID - 562



Titanium Super Cut Scissors

ID - 564	Straight, 12.5cm
ID - 565	Curved, 12.5cm
ID - 566	Curved, 14cm
ID - 567	Curved, 18cm
ID - 568	Curved, 20cm
ID - 569	Curved, 23cm

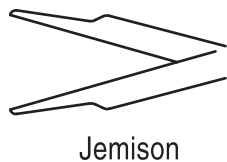
ID -564



Titanium Jemison and Metzenbaum Scissors

ID - 570	Jemison ----- 14cm Straight
ID - 571	Jemison ----- 14cm Curved
ID - 572	Jemison ----- 18cm Straight
ID - 573	Jemison ----- 18cm Curved
ID - 574	Jemison ----- 20cm Straight
ID - 575	Jemison ----- 20cm Curved
ID - 576	Jemison ----- 23cm Straight
ID - 577	Jemison ----- 23cm Curved

ID - 578	Metzenbaum ----- 12cm Straight
ID - 579	Metzenbaum ----- 12cm Curved
ID - 580	Metzenbaum ----- 14cm Straight
ID - 581	Metzenbaum ----- 14cm Curved
ID - 582	Metzenbaum ----- 18cm Straight
ID - 583	Metzenbaum ----- 18cm Curved
ID - 584	Metzenbaum ----- 20cm Straight
ID - 585	Metzenbaum ----- 20cm Curved
ID - 586	Metzenbaum ----- 23cm Straight
ID - 587	Metzenbaum ----- 23cm Curved



ID -580



Titanium Mayo Harrington Scissors

ID - 588	Straight, 20cm
ID - 589	Curved, 20cm

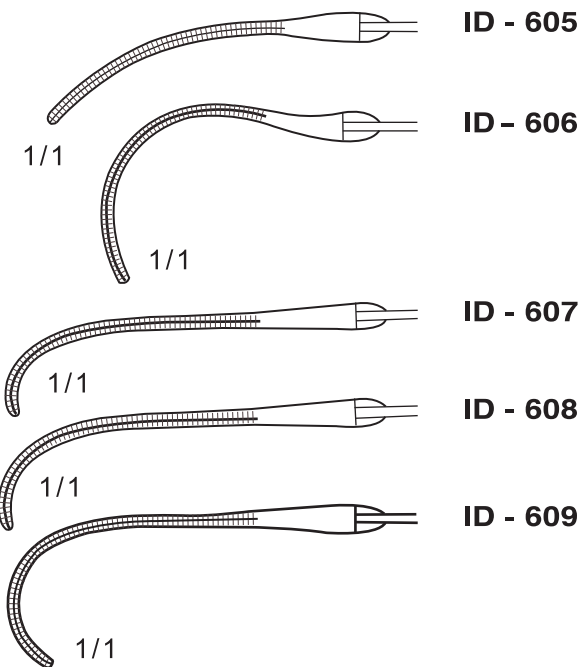
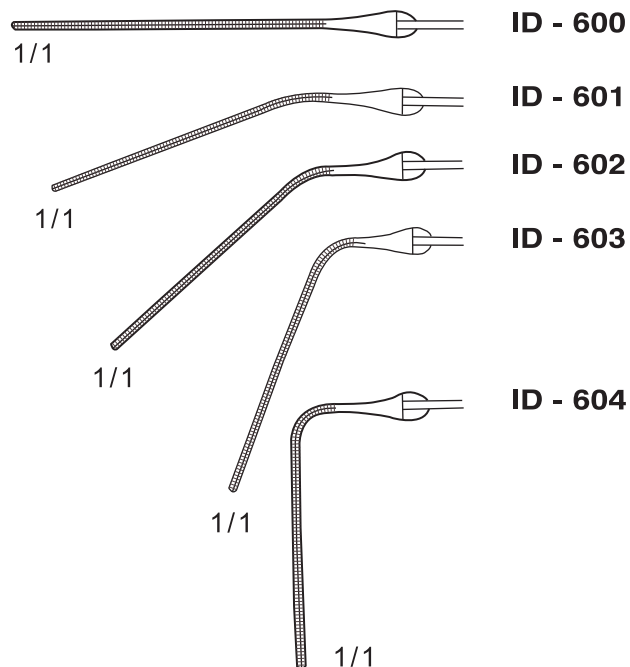
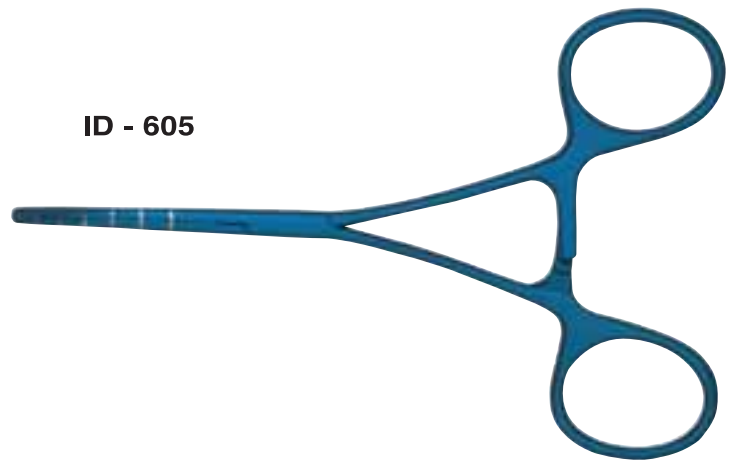
ID - 590	Straight, 23cm
ID - 591	Curved, 23cm

ID - 588



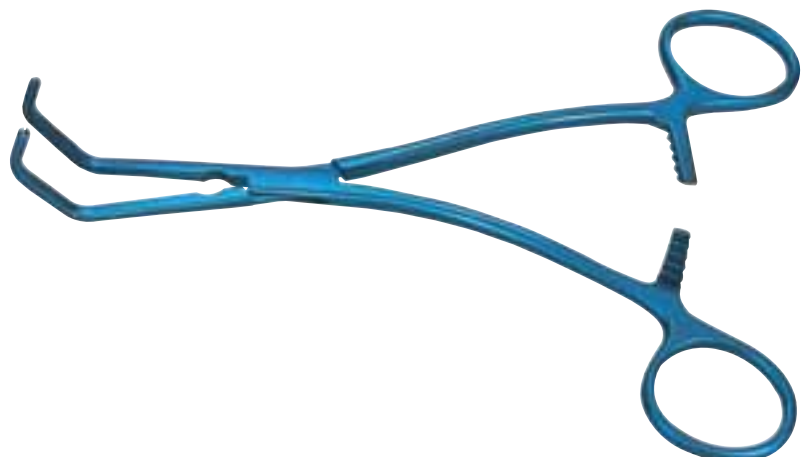
Titanium Castaneda Pediatric Vascular Clamp

- ID - 600** Straight jaw, 13.5cm
- ID - 601** 30° angled jaw, 13.5cm
- ID - 602** 50° angled jaw, 13.5cm
- ID - 603** 70° angled jaw, 12cm
- ID - 604** 90° angled jaw, 11cm
- ID - 605** Curved jaw , 12cm
- ID - 606** Curved jaw , 13.5cm
- ID - 607** Curved jaw , 15cm
- ID - 608** Curved jaw , 15cm
- ID - 609** Curved jaw , 15cm



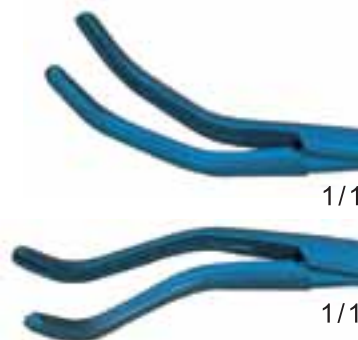
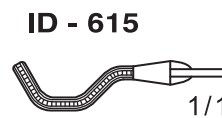
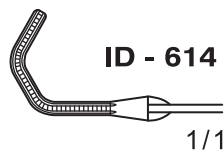
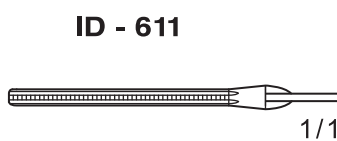
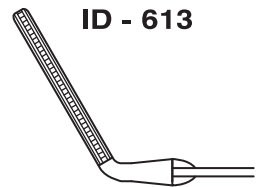
Titanium Beck Infant Aorta Clamp

- ID - 610** Miniature aorta clamp,
atraumatic jaw,
29mm jaw length,
7mm jaw depth, 16.5cm



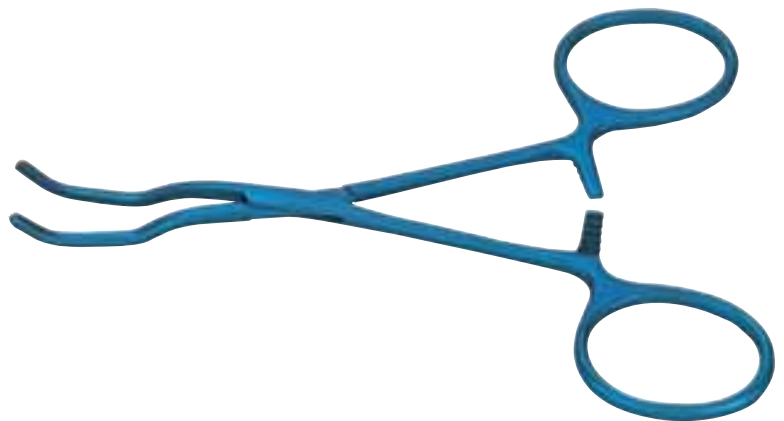
Titanium Debakey Vascular Clamp

- ID - 611** Straight Shanks, straight jaw, 11.5cm
- ID - 612** Slightly angled Shanks, straight jaw, 11.5cm
- ID - 613** Straight Shanks, 60° straight jaw, 10.5cm
- ID - 614** Slightly angled Shanks, 6mm jaw, 10.5cm
- ID - 615** Straight Shanks, 6mm spoon jaw, 10.5cm
- ID - 616** Slightly angled Shanks, 9mm jaw, 10.5cm
- ID - 617** Micro kitzmiller clamp, Straight Shanks, left angled jaw, 11cm
- ID - 618** Micro kitzmiller clamp, Straight Shanks, right angled jaw, 11cm



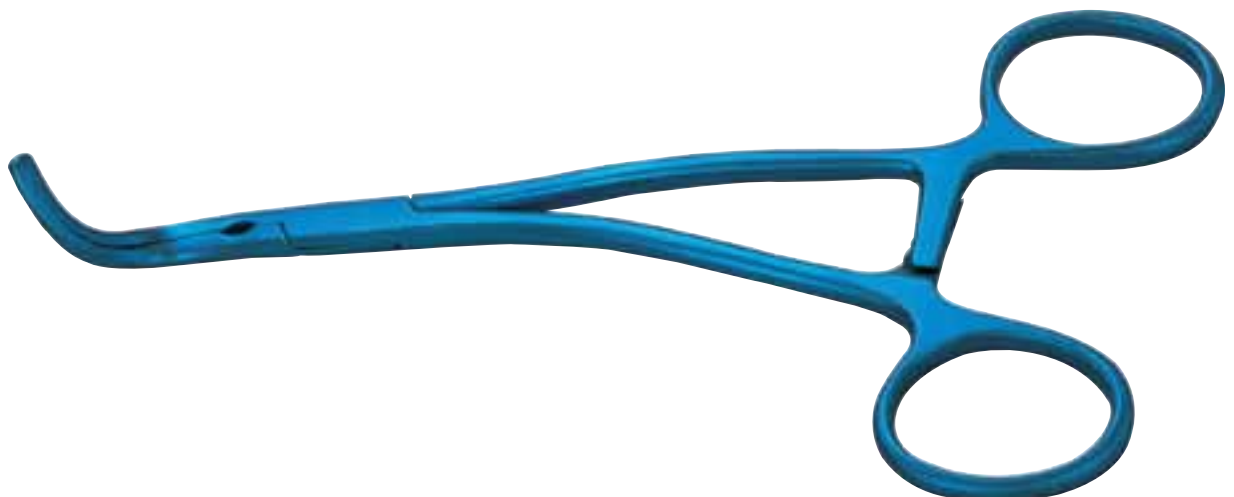
ID - 617

ID - 618



Titanium Subramanian Infant Aorta Clamp

- ID - 619** Miniature aorta clamp, atraumatic jaw, 30mm jaw length, 7mm jaw depth, 16cm



Titanium Aortic Exclusion Clamp

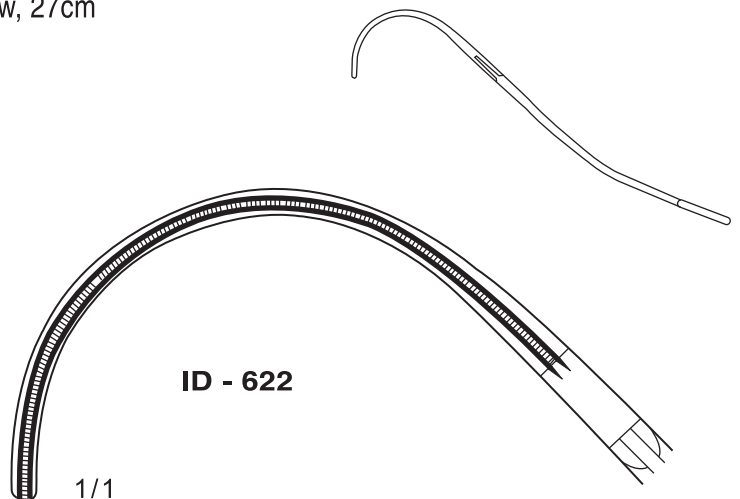
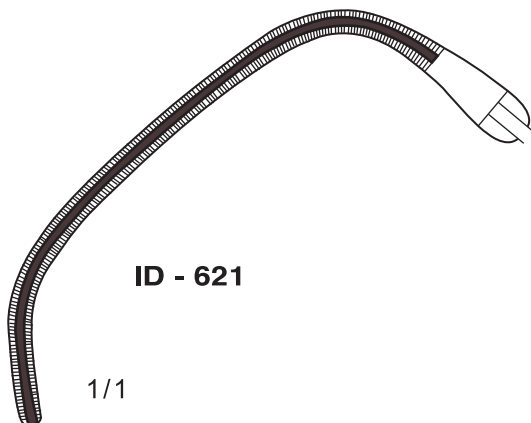
ID - 620 76mm jaw length, 14mm jaw depth, 18.8cm



Titanium Aorta Clamp

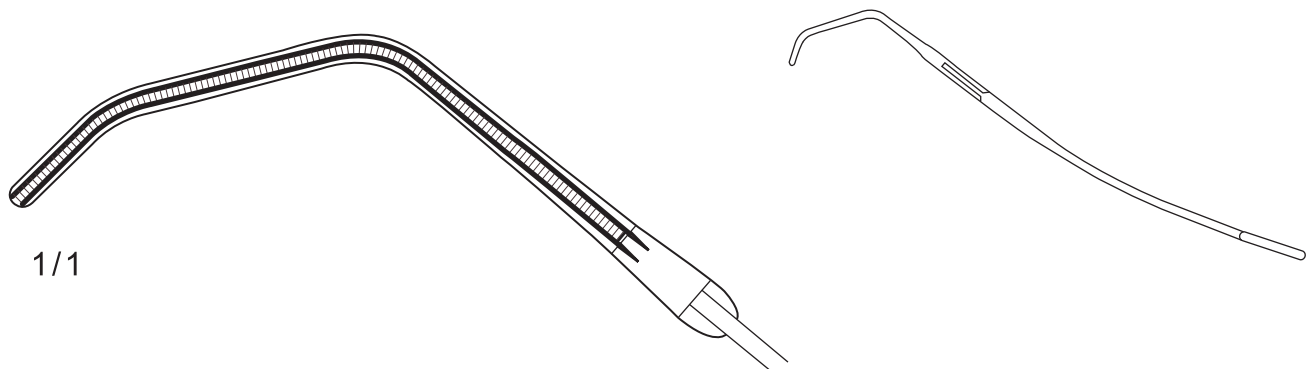
ID - 621 Cooley aorta clamp, atraumatic jaw, 27cm

ID - 622 Debakey aorta clamp, atraumatic jaw, 27cm



Titanium Glover Clamp, 23cm

ID - 623



Titanium DeBakey Lambert Kay Clamp

ID - 624 Kay aorta clamp,
atraumatic jaw,
51mm jaw length,
32mm jawdepth, 20cm

ID - 625 Lambert-Kay aorta clamp,
atraumatic jaw,
51mm jaw length,
20mm jaw depth, 20cm



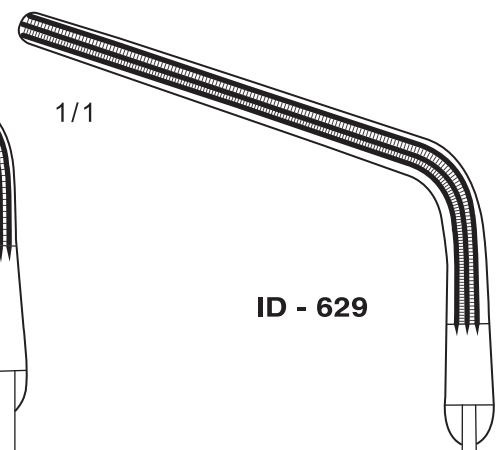
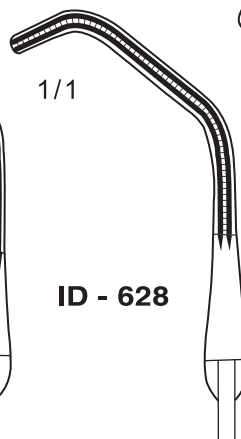
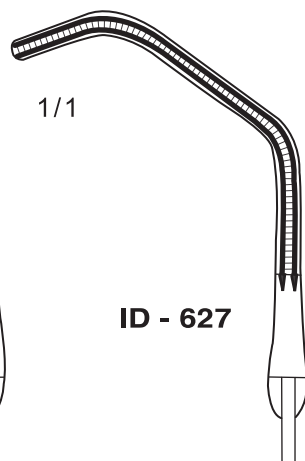
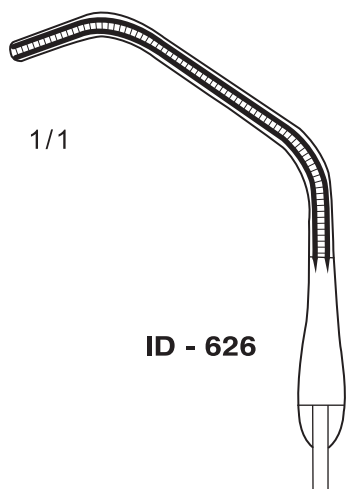
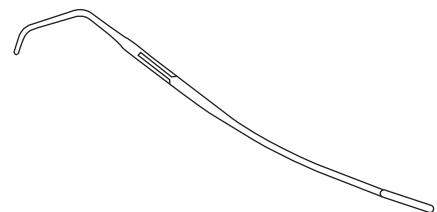
Titanium Satinsky & DeBakey Vascular Clamp

ID - 626 Satinsky clamp, 30mm jaw, 23.2cm

ID - 627 Satinsky clamp, 24mm jaw, 23.2cm

ID - 628 Satinsky clamp, 18mm jaw, 23.2cm

ID - 629 DeBakey aorta clamp, 27cm



Titanium Carpentier Papillary Muscle Clamp

ID - 630 24cm

ID - 631 27cm

ID - 631



Titanium Bulldog Clamp Serrated Tips

ID - 632	Straight, 2x11mm jaw, 5.5mm
ID - 633	Straight, 2x15mm jaw, 6.1mm
ID - 634	Straight, 2x20mm jaw, 6.9mm
ID - 635	Angled, 2x11mm jaw, 5.1cm
ID - 636	Angled, 2x15mm jaw, 5.7cm
ID - 637	Angled, 2x20mm jaw, 6.5cm



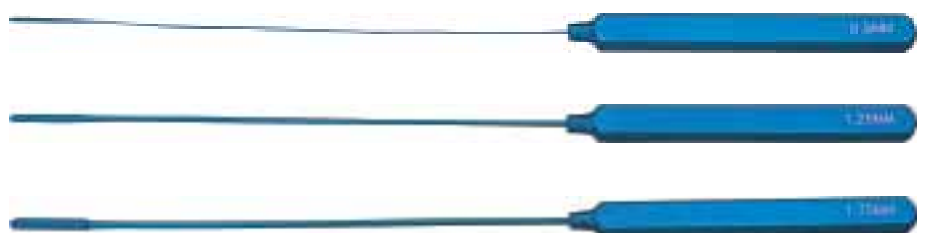
Titanium DeBakey-Diethrich Bulldog Clamp, Atraumatic Tips

ID - 638	Straight, 2x11mm jaw, 5.5mm
ID - 639	Straight, 2x15mm jaw, 6.1mm
ID - 640	Straight, 2x20mm jaw, 6.9mm
ID - 641	Angled, 2x11mm jaw, 5.1cm
ID - 642	Angled, 2x15mm jaw, 5.7cm
ID - 643	Angled, 2x20mm jaw, 6.5cm



Titanium Vascular Dilator

ID - 644	0.50mm, 14cm
ID - 645	1.25mm, 14cm
ID - 646	1.75mm, 14cm
ID - 647	0.50mm, 21cm
ID - 648	1.25mm, 21cm
ID - 649	1.75mm, 21cm



Titanium Carpentier Vascular Hooks

- ID - 650** Angle 45°, 23cm
- ID - 651** Angle 90°, 23cm
- ID - 652** Angle 125°, 23cm



Titanium Yasargil Micro Ligature Hooks, Ball Tipped

- ID - 653** Slightly curved, 18.5cm
- ID - 654** Curved, 18.5cm
- ID - 655** 45° angled, 18.5cm
- ID - 656** 90° angled, 18.5cm



Titanium Micro Hooks

- ID - 657** Jacobson micro probe, 18.5cm



- ID - 658** Micro hook, 18.5cm



Titanium Krayenbuhl Micro Nerve and Vessel Hook

- ID - 659** 1.0mm diameter, hook depth 3mm, ball probe pointed small, 18.5cm
- ID - 660** 1.0mm diameter, hook depth 3.8mm, ball probe pointed large, 18.5cm
- ID - 661** Without ball probe pointed small, hook depth 2.5mm, 18.5cm
- ID - 662** Without ball probe pointed large, hook depth 4mm, 18.5cm



Titanium Micro Raspatory

- ID - 663** Angled, 18.5cm
- ID - 664** Round tip, 18.5cm
- ID - 665** Slightly curved, 18.5cm
- ID - 666** Curved, 18.5cm



Titanium Micro Dissector

- ID - 667** Yasargil micro dissector, 18.5cm



Titanium Micro Knife

ID - 668 Jacobson micro vessel knife, 18.5cm



Titanium Micro Suture Pusher and Knot Tier

ID - 669 Jacobson micro suture pusher and knot tier, 18.5cm



Titanium Curette

- ID - 670** Straight style, 3.0 mm diameter, 21cm
- ID - 671** Bayonet style, 3.0 mm diameter, angled up 45°, 21cm
- ID - 672** Bayonet style, 3.0 mm diameter, angled up 90°, 21cm
- ID - 673** Bayonet style, 3.0 mm diameter, angled down 40°, 21cm
- ID - 674** Bayonet style, 2.5 mm diameter, angled up 45°, 21cm
- ID - 675** Bayonet style, 2.5 mm diameter, angled up 90°, 21cm
- ID - 676** Bayonet style, 2.5 mm diameter, angled down 40°, 21cm

Angled up 45°



Angled 90°



Angled down 40°



Titanium Micro Vessel Knife

- ID - 677** Bayonet style, blunt tip, curved upwards, 18.5cm
- ID - 678** Bayonet style, sharp tip, curved downwards, 18.5cm



Titanium Micro Arachnoidea Knife

- ID - 679** Bayonet style, upwards curved, 18.5cm
- ID - 680** Bayonet style, downwards curved, 18.5cm
- ID - 681** Bayonet style, upwards curved, 21.5cm
- ID - 682** Bayonet style, downwards curved, 21.5cm



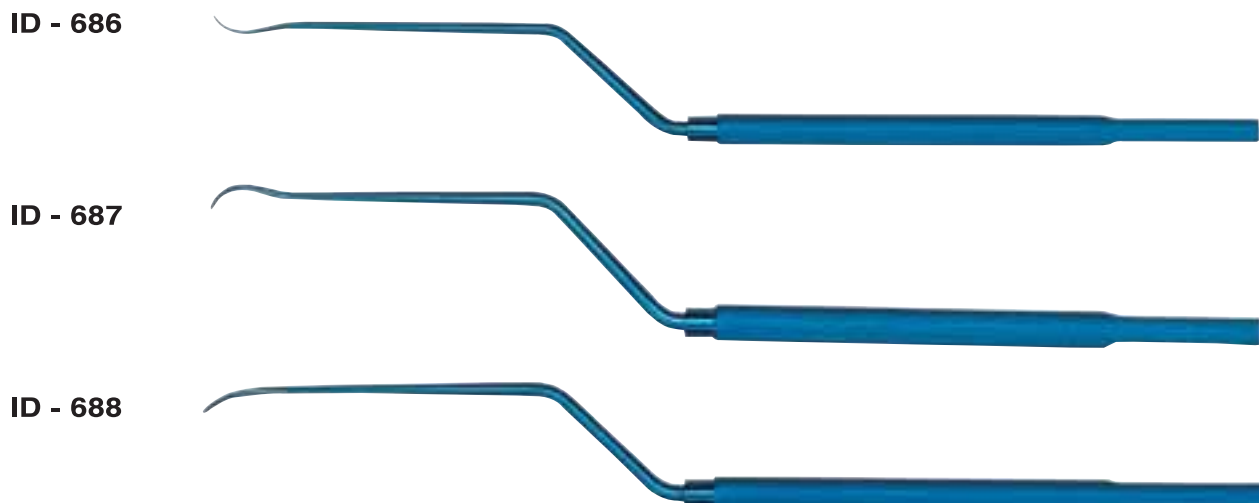
Titanium Bending Hypophysis Enucleator

- ID - 683** Bayonet style, 2 x 2.7 mm tip, 22cm
- ID - 684** Bayonet style, 3 x 4.2 mm tip, 22cm
- ID - 685** Bayonet style, 4 x 5.8 mm tip, 22cm



Titanium Yasargil Micro Raspatory

- ID - 686** Bayonet style, upwards curved, 18.5cm
- ID - 687** Bayonet style, downwards curved, 18.5cm
- ID - 688** Bayonet style, slight curved, 18.5cm



Titanium V.A.T.S. Min Invasive Clamp

ID - 750	V.A.T.S Min Invasive Clamp, 75mm 1X2 DeBaKey Tip, Curved, With Ratchet, 36cm
ID - 751	V.A.T.S Min Invasive Clamp, 75mm 1X2 DeBaKey Tip, Curved, Without Ratchet, 36cm
ID - 752	V.A.T.S Min Invasive Clamp, 75mm 2X3 DeBaKey Tip, Curved, With Ratchet, 36cm
ID - 753	V.A.T.S Min Invasive Clamp, 75mm 2X3 DeBaKey Tip, Curved, Without Ratchet, 36cm
ID - 754	V.A.T.S Min Invasive Clamp, 75mm Serrated Tip, Curved, With Ratchet, 36cm
ID - 755	V.A.T.S Min Invasive Clamp, 75mm Serrated Tip, Curved, Without Ratchet, 36cm
ID - 756	V.A.T.S Min Invasive Clamp, 75mm 1X2 DeBaKey Tip, Straight, With Ratchet, 36cm
ID - 757	V.A.T.S Min Invasive Clamp, 75mm 1X2 DeBaKey Tip, Straight, Without Ratchet, 36cm
ID - 758	V.A.T.S Min Invasive Clamp, 75mm 2X3 DeBaKey Tip, Straight, With Ratchet, 36cm
ID - 759	V.A.T.S Min Invasive Clamp, 75mm 2X3 DeBaKey Tip, Straight, Without Ratchet, 36cm
ID - 760	V.A.T.S Min Invasive Clamp, 75mm Serrated Tip, Straight, With Ratchet, 36cm
ID - 761	V.A.T.S Min Invasive Clamp, 75mm Serrated Tip, Straight, Without Ratchet, 36cm



ID - 752

Titanium V.A.T.S. Mixer DebaKey Clamp

ID - 762	V.A.T.S Mixer DebaKey Clamp, 1X2 DeBaKey Tip, 90° Angled, With Ratchet, 33cm
ID - 763	V.A.T.S Mixer DebaKey Clamp, 1X2 DeBaKey Tip, 90° Angled, Without Ratchet, 33cm



ID - 762

Titanium V.A.T.S. Forester Clamp

- ID - 764** V.A.T.S Forester Clamp, 6X12 mm Ring Jaws, Left Curved, with Ratchet, 33cm
- ID - 765** V.A.T.S Forester Clamp, 6X12 mm Ring Jaws, Left Curved, without Ratchet, 33cm
- ID - 766** V.A.T.S Forester Clamp, 20 mm Oval Ring Jaws, Left Curved, with Ratchet, 33cm
- ID - 767** V.A.T.S Forester Clamp, 20 mm Oval Jaws, Left Curved, without Ratchet, 33cm

ID - 764



Titanium V.A.T.S. Duval Clamp

- ID - 768** V.A.T.S Duval Clamp, 1X2 DeBakey Jaws, 15mm tip, Curved, with Ratchet, 33cm
- ID - 769** V.A.T.S Duval Clamp, 1X2 DeBakey Jaws, 15mm tip, Curved, without Ratchet, 33cm
- ID - 770** V.A.T.S Duval Clamp, 1X2 DeBakey Jaws, 20mm tip, Curved, with Ratchet, 33cm
- ID - 771** V.A.T.S Duval Clamp, 1X2 DeBakey Jaws, 20mm tip, Curved, without Ratchet, 33cm

ID - 768



ID-800 Titanium Sternal-IMA Retractor

Arm length 23.8cm

Consists of:

- ID - 801** 20 mm blades
- ID - 802** 25 mm blades
- ID - 803** 28 mm hooks
- ID - 804** 32 mm hooks
- ID - 805** 38 mm hooks



ID - 801



ID - 802



ID - 803



ID - 804



ID - 805

ID- 810 Titanium Carpentier Mitral Value Retractor

Maximum spread 185mm, sternal blades
measure 40mm deep by 98mm wide
Arm length 20cm, curved

Consists of:

- ID - 811** 15 mm malleable narrow blade
- ID - 812** 25 mm malleable narrow blade
- ID - 813** Medium blade with slider



ID - 813



ID - 811



ID - 812

Titanium Morse Sternal Rtractor

ID - 830 Child size

Total opening	160 mm
Blade width	19 mm
Blade depth	19 mm
Arm length	156 mm

ID - 820 Adult size

Total opening	200 mm
Blade width	28 mm
Blade depth	25 mm
Arm length	200 mm



Titanium Sternal Rtractor

ID - 840 Sternal Rtractor

Total opening	200 mm
Blade width	28 mm
Blade depth	38 mm
Arm length	200 mm

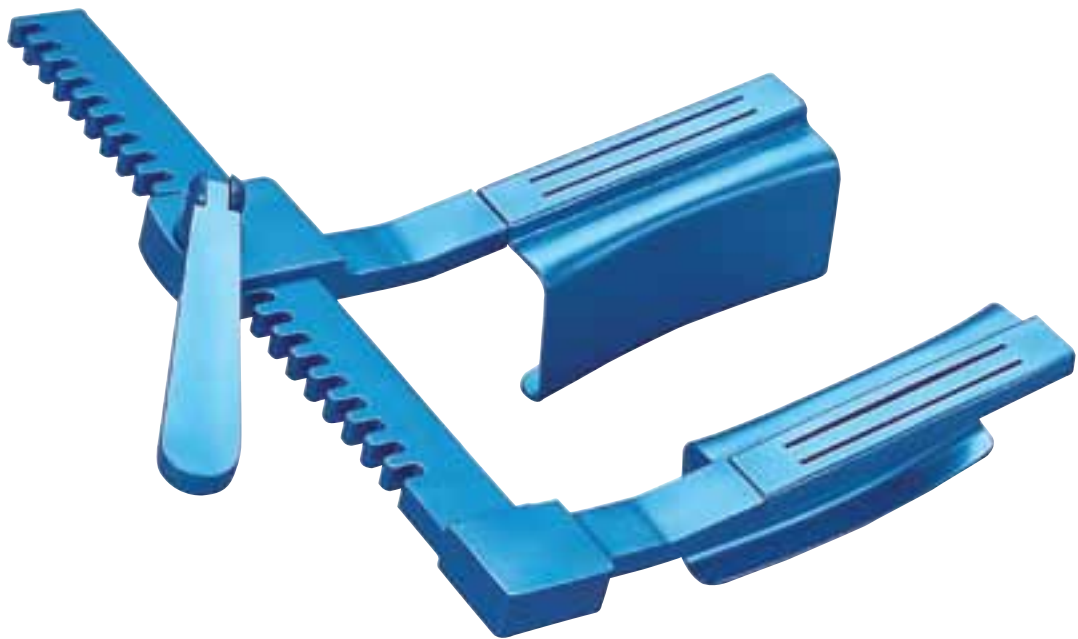


ID-850 Titanium Dubost Thoracic Retractor

Arm length 22.8cm, curved, with interchangeable blades (3pair)

Consists of:

- ID - 851** Small blade
- ID - 852** Medium blade
- ID - 853** Large blade



ID - 851



ID - 852



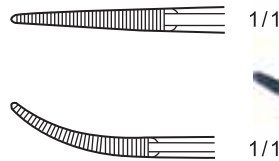
ID - 853

Titanium Haemostatic Mosquito Forcep

Finger ring handle, serrated jaw

ID - 900 Straight, 10cm

ID - 901 Curved, 10cm



ID - 901



Titanium Haemostatic Mosquito Forcep

Finger ring handle, very delicate serrated jaw

ID - 902 Straight, 12.5cm

ID - 903 Straight, 1 x 2teeth, 12.5cm

ID - 904 Curved, 12.5cm

ID - 905 Curved, 1 x 2teeth, 12.5cm

ID - 906 45° Curved, 12.5cm

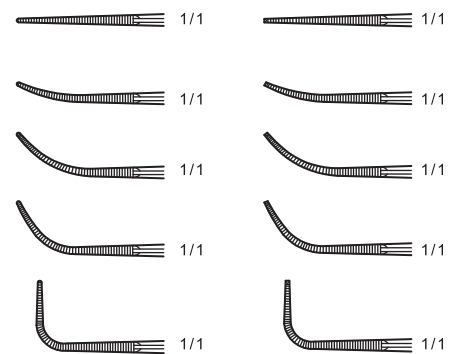
ID - 907 45° Curved, 1 x 2teeth, 12.5cm

ID - 908 60° Curved, 12.5cm

ID - 909 60° Curved, 1 x 2teeth, 12.5cm

ID - 910 90° Curved, 12.5cm

ID - 911 90° Curved, 1 x 2teeth, 12.5cm



ID - 910



Titanium Haemostatic Mosquito Forcep

Finger ring handle, serrated jaw

ID - 912 Straight, 12.5cm

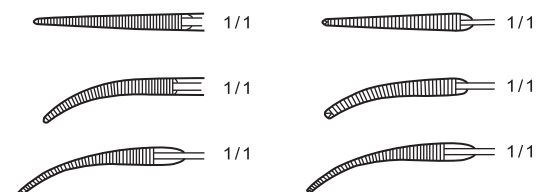
ID - 913 Straight, 1 x 2teeth, 12.5cm

ID - 914 Curved, 12.5cm

ID - 915 Curved, 1 x 2teeth, 12.5cm

ID - 916 Curved, delicate jaw, 12.5cm

ID - 917 Curved, delicate jaw, 1 x 2teeth, 12.5cm



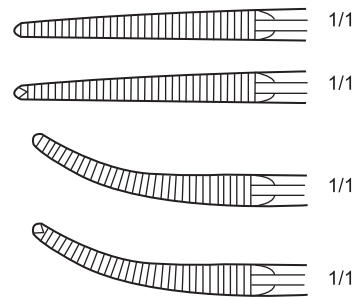
ID - 914



Titanium Crile Haemostatic Forceps

Finger ring handle

- ID - 918** Straight, serrated jaw, 14cm
- ID - 919** Straight, 1 x 2teeth, 14cm
- ID - 920** Curved, serrated jaw, 14cm
- ID - 921** Curved, 1 x 2teeth, 14cm
- ID - 922** Straight, serrated jaw, 16cm
- ID - 923** Straight, 1 x 2teeth, 16cm
- ID - 924** Curved, serrated jaw, 16cm
- ID - 925** Curved, 1 x 2teeth, 16cm

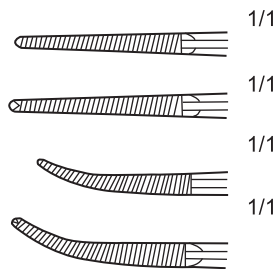


ID - 920

Titanium Leriche Haemostatic Forceps

Finger ring handle

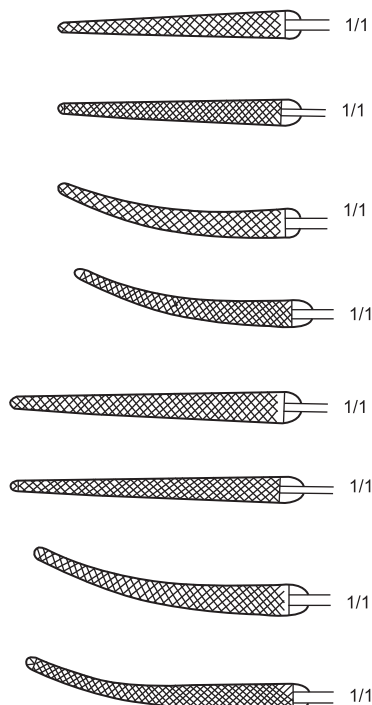
- ID - 926** Straight, serrated jaw, 15cm
- ID - 927** Straight, 1 x 2teeth, 15cm
- ID - 928** Curved, serrated jaw, 15cm
- ID - 929** Curved, 1 x 2teeth, 15cm



ID - 926

Titanium Bengolea Haemostatic Forceps

- ID - 930** Straight, Cross serrated jaw, 18cm
- ID - 931** Straight, 1 x 2teeth, 18cm
- ID - 932** Curved, Cross serrated jaw, 18cm
- ID - 933** Curved, 1 x 2teeth, 18cm
- ID - 934** Straight, Cross serrated jaw, 23cm
- ID - 935** Straight, 1 x 2teeth, 23cm
- ID - 936** Curved, Cross serrated jaw, 23cm
- ID - 937** Curved, 1 x 2teeth, 23cm



Titanium Kelly Haemostatic Forcep

Finger ring handle, serrated jaw

- ID - 938** 1/2 Straight serrated jaw, 14cm
- ID - 939** 1/2 Curved serrated jaw, 14cm
- ID - 940** 1/2 Straight serrated jaw, 18.5cm
- ID - 941** 1/2 Curved serrated jaw, 18.5cm

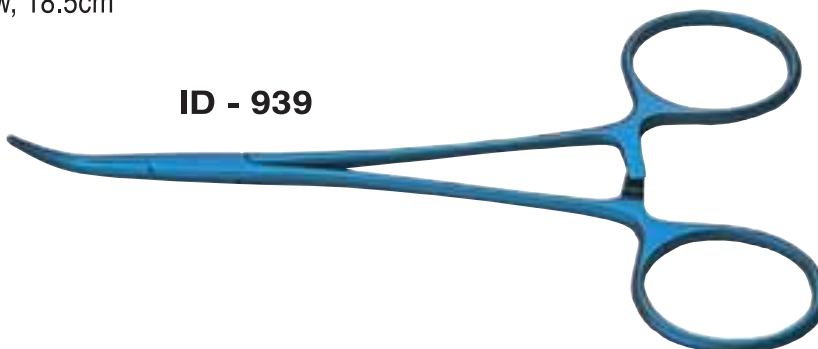


Straight



Curved

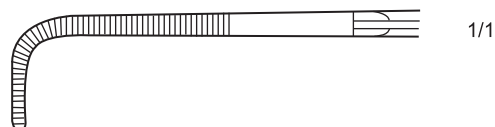
ID - 939



Titanium O'shaughnessy Clamping Forcep

Finger ring handle, serrated jaw

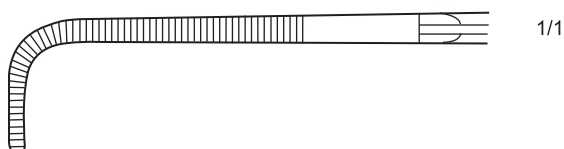
- ID - 942** 18.5cm



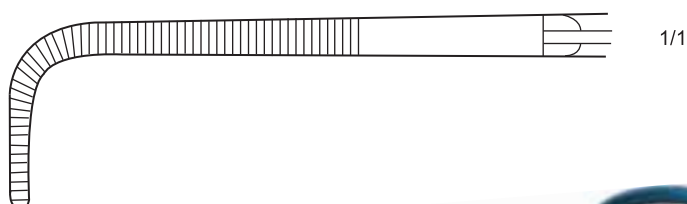
- ID - 943** 20cm

- ID - 944** 22cm

- ID - 945** 24cm



- ID - 946** 28cm



ID - 943



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