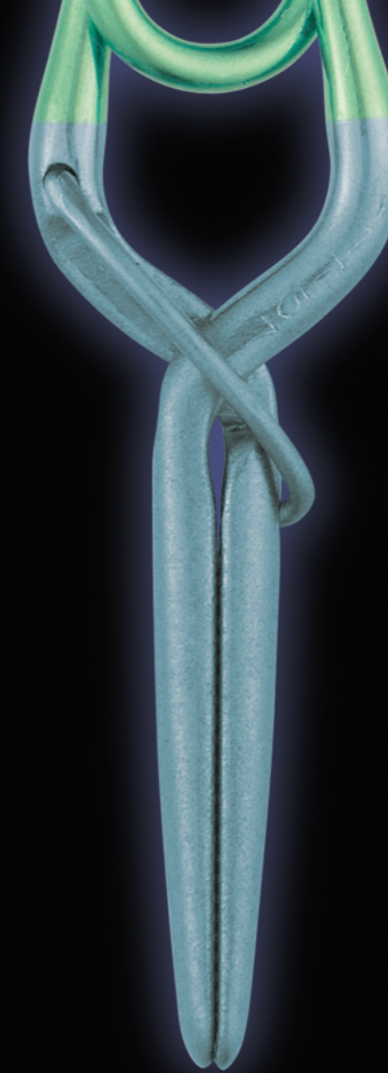


SugitaClip Titanium III



SUGITA TITANIUM ANEURYSM CLIPS AND APPLIERS


CE 0123

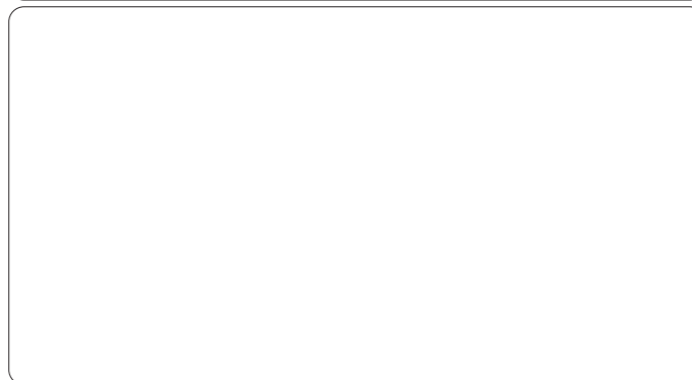
Mizuho Medical Co.,Ltd.

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Manufacturer
MIZUHO Corporation
Tokyo, JAPAN

 Caution	<ul style="list-style-type: none"> • Be sure not to use the product until you have carefully read the instruction manual and attached document and correctly understood their contents. • Be sure to carry out without fail the periodic inspections and the pre- and post-operative inspections. • For details about after-the-sale service be sure to inquire at our Sales Branches or the dealer from whom you have purchased this product.
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* Under our policy, ongoing improvements and published specifications may be subject to change without prior notice.
* All published CG photos and illustrations have been from images.



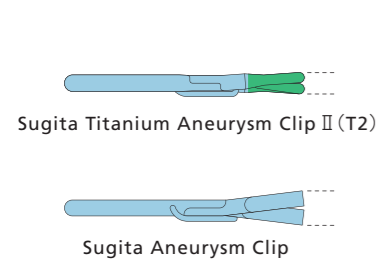
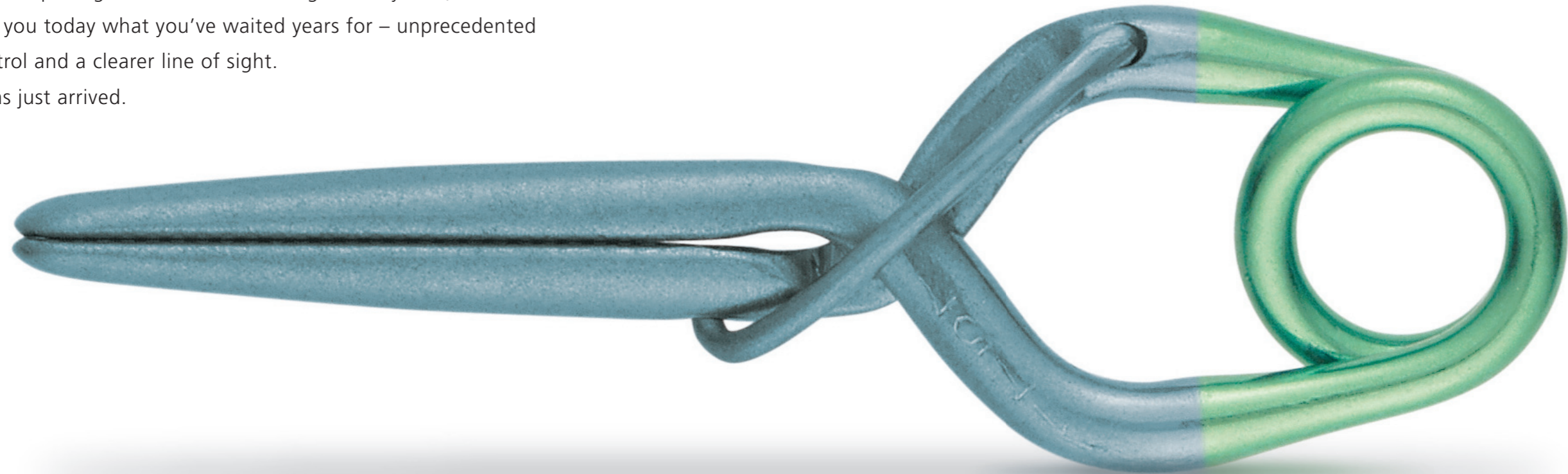
Sugita Titanium Aneurysm Clip II from Mizuho. Revolutionizing Aneurysm Management, again.



Tomorrow's aneurysm management is available today – embodied in the new Sugita Titanium Aneurysm Clip II (T2).

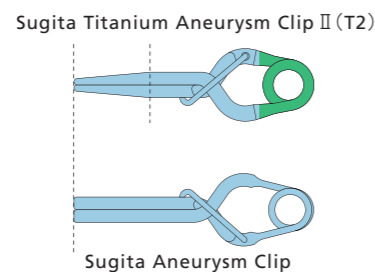
T2 isn't an old design recast in new material but rather a truly innovative advancement, patiently evolved from the industry's most trusted and acclaimed design. By integrating a new, ultra-slim spring-profile that's 50% thinner, with today's widest blade opening and an exclusive bridge wire system, Mizuho has given you today what you've waited years for – unprecedented handling and control and a clearer line of sight.

T2 – the future has just arrived.



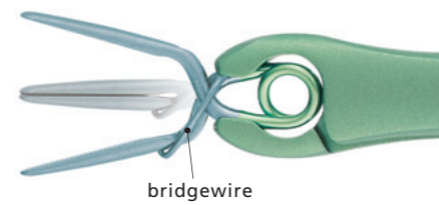
Ultra-Slim Spring

Using cutting-edge technology available exclusively to Mizuho, designers reduced the already ultra-low Sugita spring profile by 50%, giving surgeons unprecedented ease of handling and greater visibility of local anatomy.



Delicately Tapered Blade

A slim blade design with tapered tip allows a smooth approach into deeper, hard-to-reach surgical sites. The finer blade and distal tip contributes to exposure of vital surrounding structures.



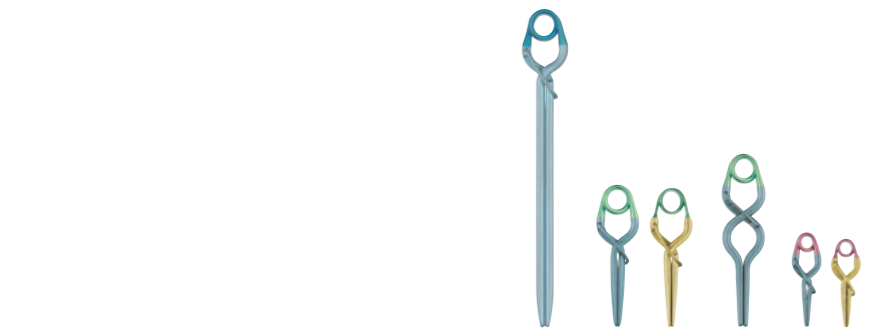
Widest Opening Available

The industry's widest blade opening provides greater freedom of movement when maneuvering the clip over the aneurysm neck, while the exclusive Sugita bridgewire system prevents twisting.



Atraumatic Blade Impact

The channel-shaped pattern uniformly covers the blade's surface, effectively widening the contact area and improving grip force for a strong, consistent hold. Unique design helps ensure vessel safety by reducing slippage and preserving tissue integrity.



MRI Compatibility

T2's Titanium alloy offers excellent biological compatibility, durability and wear resistance for permanent implantation. T2 Clips are made of non-ferromagnetic material verified by ASTM F136 / ISO 5832-3. It is confirmed by the ASTM defined test method that they may be used without influence by MRI up to 3 Tesla.

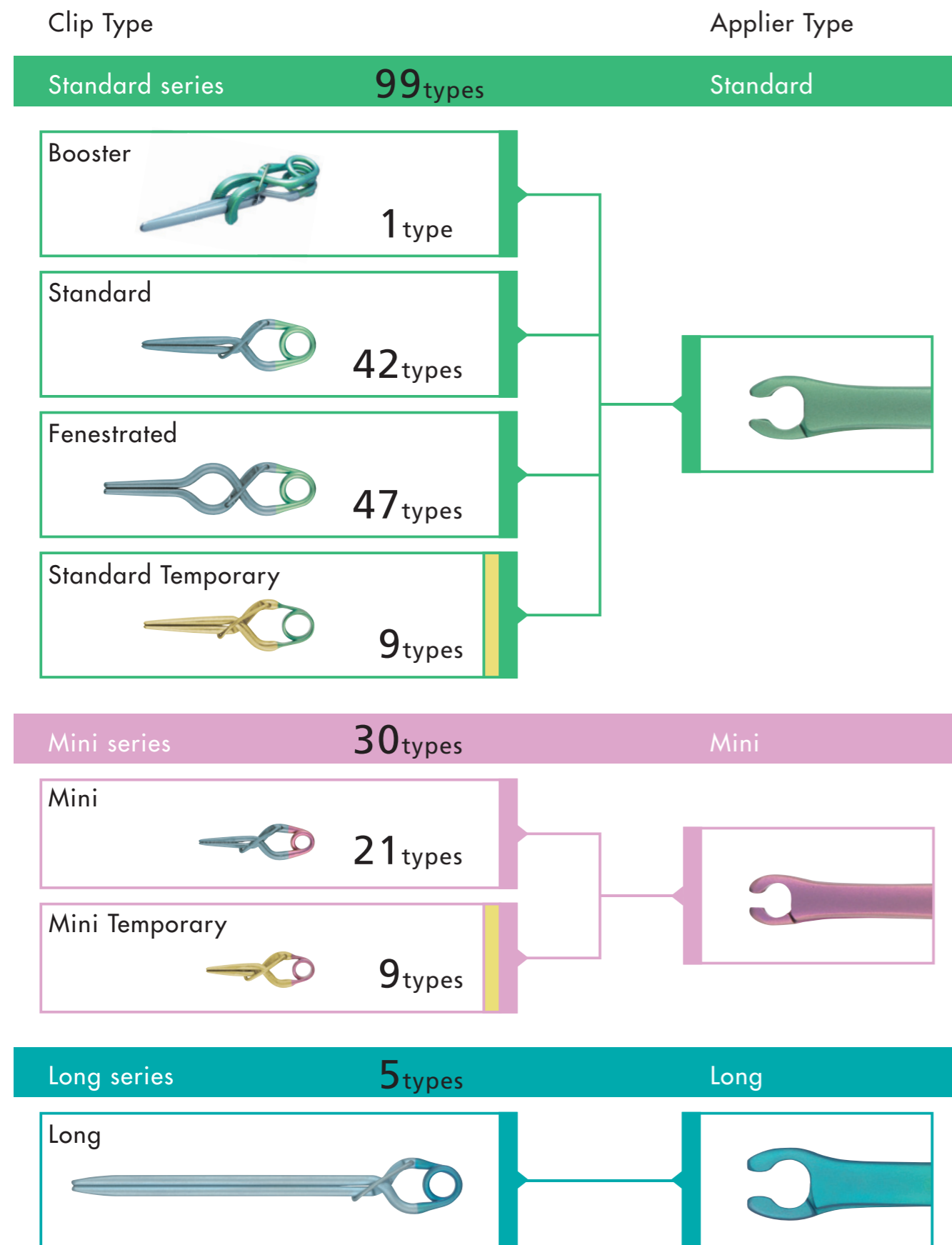
A Clip for Every Need

To facilitate treatment of complex aneurysms, the T2 Clip is available in a wide variety of blade shapes, lengths and angles. Clip-spring colors match appropriate applicators for fast, accurate instrument identification.

Innovative Product Configurations

134 types are available

Clip springs and jaw colors are color coordinated to help accurately match clips with their corresponding applicators/removers.



Sugita Titanium Aneurysm Clip II (T2) Lineup

Prod. Code	Product Name	Prod. Code	Product Name
17-001-01	Sugita Titanium Aneurysm Clip II Standard Type No.1	17-001-73	Sugita Titanium Aneurysm Clip II Standard Type No.73
17-001-02	Sugita Titanium Aneurysm Clip II Standard Type No.2	17-001-74	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.74
17-001-03	Sugita Titanium Aneurysm Clip II Standard Type No.3	17-001-75	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.75
17-001-04	Sugita Titanium Aneurysm Clip II Standard Type No.4	17-001-76	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.76
17-001-05	Sugita Titanium Aneurysm Clip II Standard Type No.5	17-001-77	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.77
17-001-06	Sugita Titanium Aneurysm Clip II Standard Type No.6	17-001-78	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.78
17-001-07	Sugita Titanium Aneurysm Clip II Standard Type No.7	17-001-79	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.79
17-001-08	Sugita Titanium Aneurysm Clip II Standard Type No.8	17-001-80	Sugita Titanium Aneurysm Clip II Mini Type No.80
17-001-09	Sugita Titanium Aneurysm Clip II Standard Type No.9	17-001-81	Sugita Titanium Aneurysm Clip II Mini Type No.81
17-001-10	Sugita Titanium Aneurysm Clip II Standard Type No.10	17-001-83	Sugita Titanium Aneurysm Clip II Mini Type No.83
17-001-11	Sugita Titanium Aneurysm Clip II Standard Type No.11	17-001-84	Sugita Titanium Aneurysm Clip II Mini Type No.84
17-001-12	Sugita Titanium Aneurysm Clip II Standard Type No.12	17-001-85	Sugita Titanium Aneurysm Clip II Mini Type No.85
17-001-13	Sugita Titanium Aneurysm Clip II Standard Type No.13	17-001-86	Sugita Titanium Aneurysm Clip II Mini Type No.86
17-001-14	Sugita Titanium Aneurysm Clip II Standard Type No.14	17-001-87	Sugita Titanium Aneurysm Clip II Mini Type No.87
17-001-15	Sugita Titanium Aneurysm Clip II Standard Type No.15	17-001-88	Sugita Titanium Aneurysm Clip II Mini Type No.88
17-001-16	Sugita Titanium Aneurysm Clip II Standard Type No.16	17-001-89	Sugita Titanium Aneurysm Clip II Mini Type No.89
17-001-17	Sugita Titanium Aneurysm Clip II Standard Type No.17	17-001-90	Sugita Titanium Aneurysm Clip II Long Type No.90
17-001-18	Sugita Titanium Aneurysm Clip II Standard Type No.18	17-001-91	Sugita Titanium Aneurysm Clip II Long Type No.91
17-001-20	Sugita Titanium Aneurysm Clip II Standard Type No.20	17-001-92	Sugita Titanium Aneurysm Clip II Long Type No.92
17-001-21	Sugita Titanium Aneurysm Clip II Standard Type No.21	17-001-95	Sugita Titanium Aneurysm Clip II Mini Type No.95
17-001-22	Sugita Titanium Aneurysm Clip II Standard Type No.22	17-001-96	Sugita Titanium Aneurysm Clip II Mini Type No.96
17-001-23	Sugita Titanium Aneurysm Clip II Standard Type No.23	17-001-97	Sugita Titanium Aneurysm Clip II Mini Type No.97
17-001-24	Sugita Titanium Aneurysm Clip II Standard Type No.24	17-001-98	Sugita Titanium Aneurysm Clip II Mini Type No.98
17-001-25	Sugita Titanium Aneurysm Clip II Standard Type No.25	17-001-99	Sugita Titanium Aneurysm Clip II Mini Type No.99
17-001-26	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.26	17-002-01	Sugita Titanium Aneurysm Clip II Standard Type No.C1
17-001-27	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.27	17-002-02	Sugita Titanium Aneurysm Clip II Standard Type No.C2
17-001-28	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.28	17-002-03	Sugita Titanium Aneurysm Clip II Standard Type No.C3
17-001-29	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.29	17-002-04	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F1
17-001-30	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.30	17-002-05	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F2
17-001-31	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.31	17-002-07	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F6
17-001-32	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.32	17-002-08	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F7
17-001-33	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.33	17-002-09	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F8
17-001-34	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.34	17-002-10	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F9
17-001-35	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.35	17-002-11	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F11
17-001-36	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.36	17-002-12	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F12
17-001-37	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.37	17-002-13	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F13
17-001-38	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.38	17-002-14	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.F14
17-001-39	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.39	17-002-15	Sugita Titanium Aneurysm Clip II Mini Type No.100
17-001-40	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.40	17-002-16	Sugita Titanium Aneurysm Clip II Mini Type No.101
17-001-41	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.41	17-002-17	Sugita Titanium Aneurysm Clip II Mini Type No.102
17-001-42	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.42	17-002-18	Sugita Titanium Aneurysm Clip II Mini Type No.103
17-001-43	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.43	17-002-19	Sugita Titanium Aneurysm Clip II Mini Type No.104
17-001-44	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.44	17-002-20	Sugita Titanium Aneurysm Clip II Mini Type No.105
17-001-45	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.45	17-002-21	Sugita Titanium Aneurysm Clip II Mini Type No.106
17-001-46	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.46	17-006-01	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.107
17-001-47	Sugita Titanium Aneurysm Clip II Standard Type No.47	17-006-02	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.108
17-001-48	Sugita Titanium Aneurysm Clip II Standard Type No.48	17-006-03	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.109
17-001-49	Sugita Titanium Aneurysm Clip II Standard Type No.49	17-006-35	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.141
17-001-50	Sugita Titanium Aneurysm Clip II Standard Type No.50	17-006-36	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.142
17-001-51	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.51	17-006-37	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.143
17-001-52	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.52	17-006-38	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.144
17-001-53	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.53	17-006-39	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.145
17-001-54	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.54	17-006-40	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.146
17-001-55	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.55	17-006-43	Sugita Titanium Aneurysm Clip II Standard Fenestrated Type No.149
17-001-56	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.56	17-002-00	Sugita Titanium Aneurysm Clip II Booster Clip
17-001-57	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.57	17-006-23	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.129
17-001-58	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.58	17-006-24	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.130
17-001-60	Sugita Titanium Aneurysm Clip II Standard Type No.60	17-006-27	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.133
17-001-61	Sugita Titanium Aneurysm Clip II Standard Type No.61	17-006-28	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.134
17-001-62	Sugita Titanium Aneurysm Clip II Standard Type No.62	17-006-29	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.135
17-001-63	Sugita Titanium Aneurysm Clip II Standard Type No.63	17-006-30	Sugita Titanium Aneurysm Clip II Temporary Mini Type No.136
17-001-64	Sugita Titanium Aneurysm Clip II Standard Type No.4B	17-006-31	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.137
17-001-65	Sugita Titanium Aneurysm Clip II Standard Type No.65	17-006-32	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.138
17-001-66	Sugita Titanium Aneurysm Clip II Standard Type No.66	17-006-33	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.139
17-001-68	Sugita Titanium Aneurysm Clip II Standard Type No.8B	17-006-34	Sugita Titanium Aneurysm Clip II Temporary Standard Type No.140
17-001-69	Sugita Titanium Aneurysm Clip II Standard Type No.69		
17-001-70	Sugita Titanium Aneurysm Clip II Standard Type No.19A		
17-001-71	Sugita Titanium Aneurysm Clip II Long Type No.19B		
17-001-72	Sugita Titanium Aneurysm Clip II Long Type No.19C		

NO CE Mark Now under Application

Tray B 17-010-91

Mini

Standard

* All Clips are packaged non-sterile.

Prod. Code	1/4 size
Model No.	image din. (mm)
Max opening	Closing force (±7.5%)

17-001-80 No.80 Straight	17-001-95 No.95 Straight Slim	17-001-81 No.81 Straight	17-001-96 No.96 Straight Slim	17-002-15 No.100 Straight
5.5 (mm) 130 (g) 1.27 (N)	5.5 (mm) 130 (g) 1.27 (N)	7.0 (mm) 130 (g) 1.27 (N)	7.0 (mm) 130 (g) 1.27 (N)	8.0 (mm) 130 (g) 1.27 (N)
17-001-84 No.84 Bent	17-001-86 No.86 Sideward Curved	17-002-19 No.104 Sideward Bent	17-001-89 No.89 Bayonet	17-002-20 No.105 Bayonet
7.0 (mm) 130 (g) 1.27 (N)	7.5 (mm) 130 (g) 1.27 (N)	8.5 (mm) 130 (g) 1.27 (N)	8.5 (mm) 130 (g) 1.27 (N)	10.0 (mm) 130 (g) 1.27 (N)
17-001-85 No.85 Curved	17-001-99 No.99 Curved Slim	17-001-87 No.87 Curved	/	
5.5 (mm) 130 (g) 1.27 (N)	6.5 (mm) 130 (g) 1.27 (N)	6.0 (mm) 130 (g) 1.27 (N)	8.0 (mm) 130 (g) 1.27 (N)	
17-001-83 No.83 Curved	17-002-17 No.102 Slightly Curved	17-002-21 No.106 Curved Slim	17-002-16 No.101 Curved	17-002-18 No.103 Slightly Curved
6.5 (mm) 130 (g) 1.27 (N)	6.5 (mm) 130 (g) 1.27 (N)	6.5 (mm) 130 (g) 1.27 (N)	7.0 (mm) 130 (g) 1.27 (N)	7.0 (mm) 130 (g) 1.27 (N)
17-001-97 No.97 Curved Slim	17-001-88 No.88 Curved	17-002-01 No.C01 Crankshaft	17-002-02 No.C02 Crankshaft	17-002-03 No.C03 Crankshaft
7.0 (mm) 130 (g) 1.27 (N)	7.5 (mm) 130 (g) 1.27 (N)	9.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)

Tray C 17-010-92

Standard

* All Clips are packaged non-sterile.

Prod. Code	1/4 size
Model No.	image din. (mm)
Max opening	Closing force (±7.5%)

17-001-01 No.1 Straight	17-001-02 No.2 Straight	17-001-10 No.10 Straight	17-001-15 No.15 Straight	17-001-18 No.18 Straight
8.5 (mm) 150 (g) 1.47 (N)	10.5 (mm) 150 (g) 1.47 (N)	11.5 (mm) 170 (g) 1.67 (N)	13.5 (mm) 170 (g) 1.67 (N)	15.5 (mm) 170 (g) 1.67 (N)
17-001-70 No.70 (19A) Straight	17-001-03 No.3 Bayonet	17-001-13 No.13 Bayonet	17-001-14 No.14 Bayonet	17-001-16 No.16 Slightly Curved Bayonet
17.0 (mm) 170 (g) 1.67 (N)	11.0 (mm) 150 (g) 1.47 (N)	13.0 (mm) 150 (g) 1.47 (N)	14.0 (mm) 170 (g) 1.67 (N)	14.0 (mm) 170 (g) 1.67 (N)
17-001-04 No.4 Bent	17-001-64 No.64 (4B) Slightly Bent	17-001-12 No.12 Bent	17-001-47 No.47 45° Angled	17-001-48 No.48 45° Angled
9.5 (mm) 150 (g) 1.47 (N)	10.5 (mm) 150 (g) 1.47 (N)	11.0 (mm) 170 (g) 1.67 (N)	10.5 (mm) 150 (g) 1.47 (N)	11.5 (mm) 150 (g) 1.47 (N)
17-001-49 No.49 45° Angled	17-001-23 No.23 J-Shaped	17-001-24 No.24 J-Shaped	17-001-25 No.25 J-Shaped	17-001-73 No.73 1/4 Curved
12.5 (mm) 150 (g) 1.47 (N)	9.0 (mm) 150 (g) 1.47 (N)	9.0 (mm) 150 (g) 1.47 (N)	9.5 (mm) 150 (g) 1.47 (N)	11.0 (mm) 170 (g) 1.67 (N)
17-001-20 No.20 L-Shaped	17-001-21 No.21 L-Shaped	17-001-22 No.22 L-Shaped	17-001-60 No.60 L-Shaped w/Curved	17-001-61 No.61 L-Shaped w/Curved
8.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)

Tray D 17-010-93

Standard Long

* All Clips are packaged non-sterile.

Prod. Code	1/4 size
Model No.	image din. (mm)
Max opening	Closing force (±7.5%)

17-001-08 No.8 Curved	17-001-68 No.68 (8B) Slightly Curved	17-001-09 No.9 Slightly Curved	17-001-62 No.62 1/4 Curved	17-001-63 No.63 1/4 Curved
9.5 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	9.0 (mm) 150 (g) 1.47 (N)	9.5 (mm) 150 (g) 1.47 (N)
17-001-69 No.69 Curved	17-001-65 No.65 Slightly Curved	17-001-66 No.66 Slightly Curved	17-001-50 No.50 Slightly Curved	17-001-17 No.17 Slightly Curved
9.5 (mm) 150 (g) 1.47 (N)	11.0 (mm) 170 (g) 1.67 (N)	11.0 (mm) 170 (g) 1.67 (N)	13.0 (mm) 170 (g) 1.67 (N)	15.5 (mm) 170 (g) 1.67 (N)
17-001-05 No.5 Sideward Bent	17-001-06 No.6 Sideward Curved	17-001-07 No.7 Sideward Curved Bayonet	17-001-11 No.11 Sideward Bent	
11.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	12.0 (mm) 150 (g) 1.47 (N)	13.5 (mm) 170 (g) 1.67 (N)	
17-001-71 No.71 (19B) Bayonet	17-001-72 No.72 (19C) Straight	17-001-90 No.90 Straight	17-001-91 No.91 Straight	17-001-92 No.92 Straight
19.0 (mm) 170 (g) 1.67 (N)	18.0 (mm) 170 (g) 1.67 (N)	20.5 (mm) 200 (g) 1.96 (N)	23.5 (mm) 200 (g) 1.96 (N)	26.0 (mm) 200 (g) 1.96 (N)

Tray E 17-010-94

Standard

* All Clips are packaged non-sterile.

Prod. Code	1/4 size
Model No.	image din. (mm)
Max opening	Closing force (±7.5%)

17-006-38 No.144 Straight	17-006-39 No.145 Straight	17-001-26 No.26 Straight	17-001-27 No.27 Straight	17-001-28 No.28 Straight
9.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	11.0 (mm) 150 (g) 1.47 (N)	13.0 (mm) 150 (g) 1.47 (N)	14.5 (mm) 150 (g) 1.47 (N)
17-006-40 No.146 Straight	17-001-29 No.29 Straight	17-001-30 No.30 Straight	17-001-31 No.31 Straight	
11.0 (mm) 150 (g) 1.47 (N)	12.0 (mm) 150 (g) 1.47 (N)	14.0 (mm) 150 (g) 1.47 (N)	15.5 (mm) 150 (g) 1.47 (N)	
17-006-35 No.141 Bent	17-001-32 No.32 Bent	17-001-33 No.33 Bent	17-001-34 No.34 Bent	17-006-01 No.107 L-Shaped
8.0 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)	9.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	9.5 (mm) 150 (g) 1.47 (N)
17-006-36 No.142 Bent	17-001-35 No.35 Bent	17-001-36 No.36 Bent	17-001-37 No.37 Bent	17-006-02 No.108 L-Shaped
9.0 (mm) 150 (g) 1.47 (N)	9.5 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	11.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)
17-001-44 No.44 Bayonet	17-001-45 No.45 Bayonet	17-001-46 No.46 Bayonet		17-006-03 No.109 L-Shaped
10.5 (mm) 150 (g) 1.47 (N)	12.0 (mm) 150 (g) 1.47 (N)	13.5 (mm) 150 (g) 1.47 (N)		11.0 (mm) 150 (g) 1.47 (N)

Tray F 17-010-95

* All Clips are packaged non-sterile.

Standard

Prod. Code	1/1 size
Model No.	image din. (mm)
Max opening	Closing force (±7.5%)

17-006-43 No.149 L-Shaped	17-001-38 No.38 L-Shaped	17-001-39 No.39 L-Shaped	17-001-40 No.40 L-Shaped	
7.5 (mm) 150 (g) 1.47 (N)	7.5 (mm) 150 (g) 1.47 (N)	7.5 (mm) 150 (g) 1.47 (N)	7.5 (mm) 150 (g) 1.47 (N)	
17-006-37 No.143 L-Shaped	17-001-41 No.41 L-Shaped	17-001-42 No.42 L-Shaped	17-001-43 No.43 L-Shaped	17-001-79 No.79 L-Shaped Curved to R
8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)
17-001-74 No.74 L-Shaped Curved to L	17-001-75 No.75 L-Shaped Curved to L	17-001-76 No.76 L-Shaped Curved to L	17-001-77 No.77 L-Shaped Curved to R	17-001-78 No.78 L-Shaped Curved to R
8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)	8.5 (mm) 150 (g) 1.47 (N)
17-002-04 No.F01 Straight Angled	17-002-05 No.F02 Straight Angled	17-002-07 No.F06 Bent Angled to R	17-002-08 No.F07 Bent Angled to R	17-002-09 No.F08 Bent Angled to L
11.0 (mm) 150 (g) 1.47 (N)	12.0 (mm) 150 (g) 1.47 (N)	9.0 (mm) 150 (g) 1.47 (N)	10.0 (mm) 150 (g) 1.47 (N)	9.0 (mm) 150 (g) 1.47 (N)
17-002-10 No.F09 Bent Angled to L	17-002-11 No.F11 L-Shaped Angled to R	17-002-12 No.F12 L-Shaped Angled to R	17-002-13 No.F13 L-Shaped Angled to L	17-002-14 No.F14 L-Shaped Angled to L
10.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)	8.0 (mm) 150 (g) 1.47 (N)

Tray G 17-010-96

* All Clips are packaged non-sterile.

Mini Temporary Standard Temporary
Standard Temporary clip is for one time use only.

Prod. Code	1/1 size
Model No.	image din. (mm)
Max opening	Closing force (±7.5%)

17-006-27 No.133 Straight	17-006-28 No.134 Straight	17-001-56 No.56 Straight	17-001-58 No.58 Straight Slim	17-006-29 No.135 Straight
6.0 (mm) 70 (g) 0.69 (N)	6.5 (mm) 70 (g) 0.69 (N)	7.0 (mm) 70 (g) 0.69 (N)	7.0 (mm) 70 (g) 0.69 (N)	7.5 (mm) 70 (g) 0.69 (N)
17-006-30 No.136 Straight	17-006-23 No.129 Straight	17-006-24 No.130 Straight	17-001-57 No.57 Bent	
8.0 (mm) 70 (g) 0.69 (N)	9.5 (mm) 70 (g) 0.69 (N)	12.5 (mm) 70 (g) 0.69 (N)	7.0 (mm) 70 (g) 0.69 (N)	
17-001-51 No.51 Straight	17-001-52 No.52 Straight	17-006-31 No.137 Straight	17-006-32 No.138 Straight	17-006-33 No.139 Straight
9.0 (mm) 70 (g) 0.69 (N)	10.5 (mm) 70 (g) 0.69 (N)	12.0 (mm) 70 (g) 0.69 (N)	13.5 (mm) 70 (g) 0.69 (N)	16.5 (mm) 70 (g) 0.69 (N)
17-001-53 No.53 Bayonet	17-001-54 No.54 Bent	17-001-55 No.55 Slightly Curved	17-006-34 No.140 Slightly Curved	
11.5 (mm) 70 (g) 0.69 (N)	9.5 (mm) 70 (g) 0.69 (N)	11.0 (mm) 70 (g) 0.69 (N)	13.0 (mm) 70 (g) 0.69 (N)	
17-002-00 No.Booster Curved				
7.0 (mm) 280 (g) 2.75 (N)				

Booster Clip is suitable for below numbers.

Clip No. 1 2 5 6 9 10 11 15 17 18 20 21 22 23 24 25 47 48 49 50 60 61 62 63 65 66 69 70 73 C01 C02 C03

Tray H 17-010-97

Customizable



Tray I 17-010-98

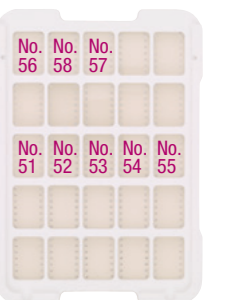
Customizable



for Long clip

Tray J 17-010-99

Temporary clip from 51 to 58

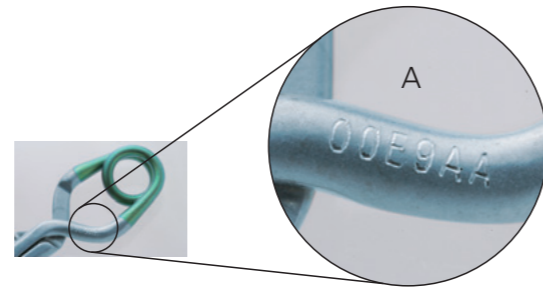


Quality You Expect. Safety You Can Trust.

Every Sugita Aneurysm Clip, including the new T2, embodies Mizuho's never-ending commitment to product quality and patient safety. From development and manufacturing through inspection and logistics, clips undergo stringent monitoring and control to assure optimal reliability and performance.

Individual Lot Numbers (A)

Lot numbers, laser etched on each clip, permit long-term traceability throughout the treatment period, and enable detailed clip data to be easily obtained, should the need arise.



Specification Labeling (B)

Every clip label lists individual specifications plus clip closing force. Sugita is the first clip to indicate closing force on individual packages. 4 labels are provided in each clip package. Please attach labels on the patient record and clip user card.



Clip User Card for Patient Support after Surgery

Please fill in clip information in the Clip User Card and give to the patient. This will ensure that the correct information is given to the surgeons when patients have an examination or reoperation.

Clip User Card

*** 手術実施後患者用クリップ情報カード ***
MIZUHO Aneurysm Clip
Patient Identification Card

MIZUHO

氏名 / Name: _____ 男 / 女 Male / Female

生年月日 Birth date: 年 year 月 month 日 day

住所 / Address: _____

電話番号 Phone: _____

緊急連絡先 Emergency information
氏名 / Name: _____

住所 / Address: _____

電話番号 Phone: _____

製造販売元: 三共株式会社 東京都中央区本町2-30-13 TEL: 03-3815-3096 FAX: 03-3813-5068 E-mail: sugitacips@mizuho.co.jp

Manufacturer: MIZUHO Corporation 3-30-13, Hongo, Bunkyo-ku Tokyo 113-0033, Japan Phone: 03-3815-3096 Fax: 03-3813-5068 E-mail: sugitacips@mizuho.co.jp

MIZUHO Corporation

If folded in two the card will be passport size and easy to carry with you.

Clip User Card

注意 このカードの所有者には下記の医師の手用クリップがインプリントされています。このクリップは、MRI検査時に以下のMRI装置に使用することが認められています。ただし、強い磁場下での使用は、MRI装置の性能低下やアーチファクト発生等の可能性があります。3 Tesla以上の強磁場MRIによる検査ではクリップの移動や脱落の可能性があります。
WARNING: The bearer of this card has undergone aneurysm clipping surgery and the clips are implanted. SUGITA aneurysm clips are made of Cobalt-chromium alloy or titanium alloy. Both have been tested and show no effects under MRI (Magnetic Resonance Imaging) up to three (3) Tesla. However, artifacts may occur depending on MRI scanning condition. Magnetic field stronger than 3 Tesla may result severe incidents caused by clip displacement.

製品番号 MIZUHO reference number: _____

シリアル/ロット番号 MIZUHO identification number (SN/Lot): _____

製品番号 MIZUHO reference number: _____

シリアル/ロット番号 MIZUHO identification number (SN/Lot): _____

手術実施医療機関 Hospital Information

施設名 Hospital: _____

住所 Address: _____

電話番号 Phone: _____

主治医署名 Surgeon name: _____

手術日 Surgery date: 年 year 月 month 日 day

カルテ番号 Patient medical record no.: _____

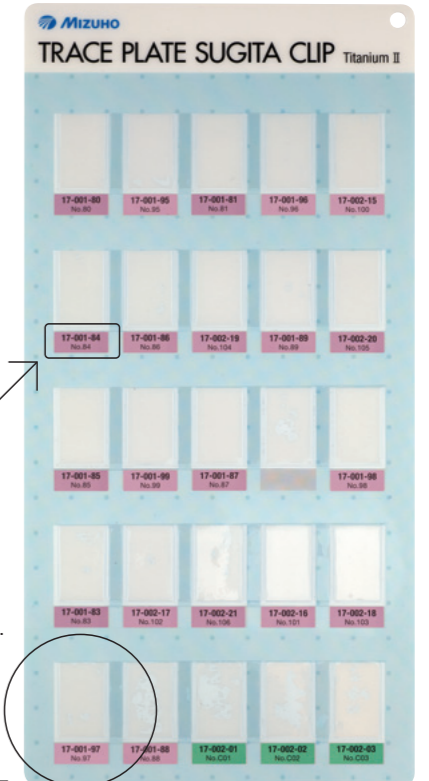
Specification
Please stick label on this user card.

Trace Plate Instruction Manual

Clip Tray



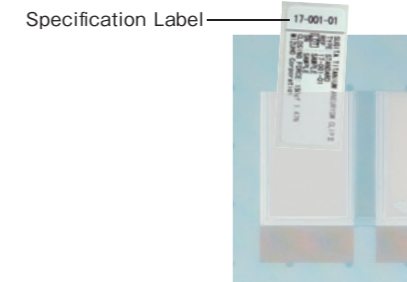
Trace Plate



The pocket position corresponds to the case arrangement.



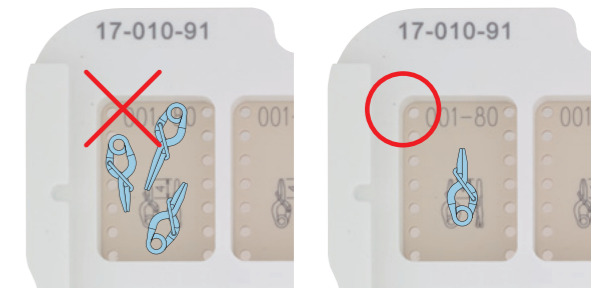
Please attach product code stickers on Trace Plate.



Please insert a Specification Label in pockets and attach to patient record and clip user card immediately after clip implantation.

Control Method

- Be sure to place only one clip in each numbered compartment in the case. (Do not put multiple clips in a compartment.) Multiple clips may cause difficulty with identifying which lot number you applied.
 - Be sure to keep and maintain a Specification Label attached to each individual clip.
 - A Trace Plate is attached to each style of case.
 - A pocket for a Specification Label is laid out with the same arrangement as each numbered compartment of the case.
 - Be careful not to put in or take out an incorrect label.
- Caution** Do not sterilize a Trace Plate and a Specification Label. They cannot be sterilized.
- After you applied the clip, make sure to take a Specification Label with the same number applicable to the clip and affix it on the medical record, or input the necessary information into the computer.
 - Please insert a Specification Label in the proper pocket upon replenishment of the clips.

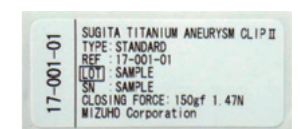


Multiple Clips

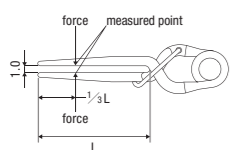
One Clip Only

Product Package

- Sugita Clips are packaged Non-Sterile. Make sure to sterilize before each use.
- Product information including a product lot number, closing force, etc. is described on the outer box.
- A handling manual and four pieces of Specification label describing the lot number and closing force are enclosed in the box.



Specification Label



Method of measuring the closing force shall be in accordance with <ISO09713>.

Closing Force – In accordance with ISO09713, closing force is measured by opening the clip 1.0 mm. A computerized gauge meter measures force 1/3 blade length from the distal tip. Results are indicated on the clip label in both Newtons and grams.

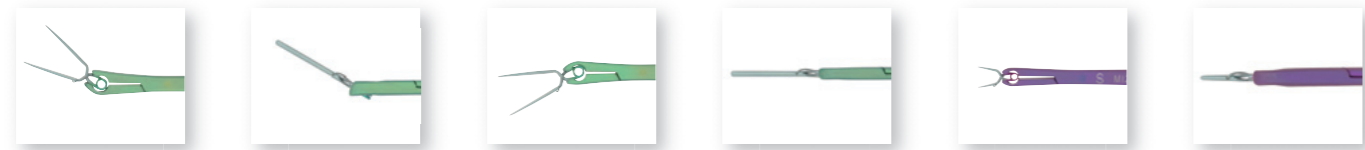
Instruments

T2

New Fukushima Keyhole T2 Clip Appliers



For Superior Visibility and Performance

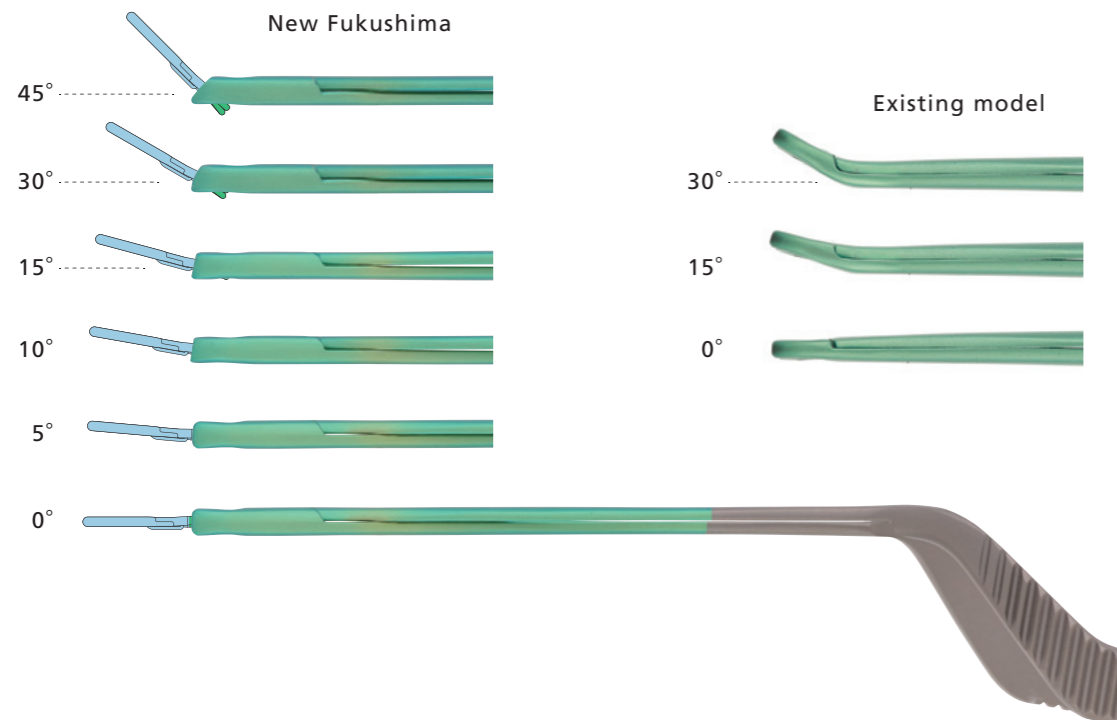


Design Benefits

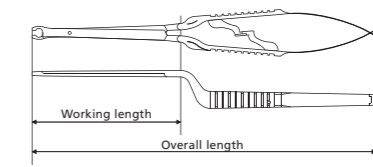
- Low Profile
- Unique Grip Design
- Excellent Balance
- 14 Shapes and Angles for Precise Procedural Match

Surgeon Friendly

- Ultra low profile allows optimal visibility of operative site
- Supports precise placement of Sugita Titanium Aneurysm Clip II (T2)
- Meticulously milled jaw grooves help secure large and mini clip sizes

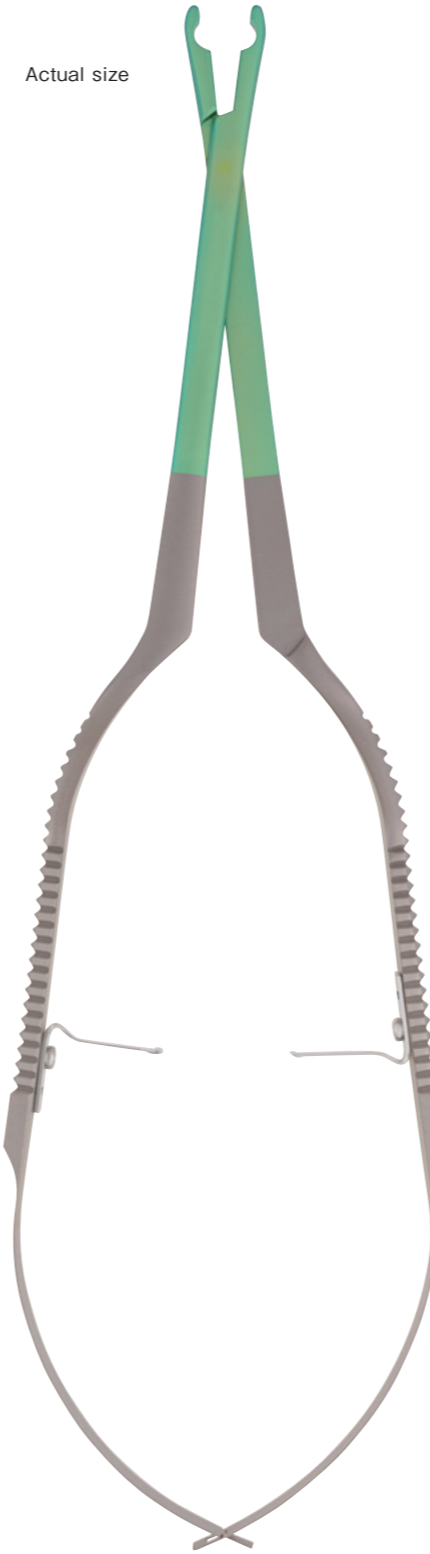


Instruments Spec

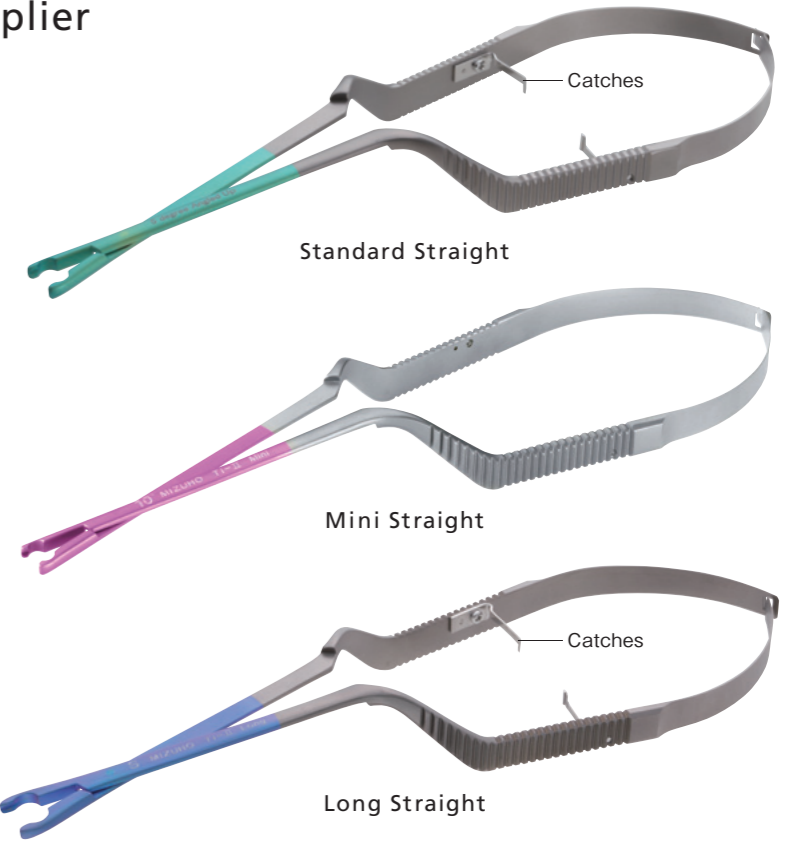


Effective length of applicator
This is the length from the clip holder tip.

Fukushima Keyhole Clip Applier



Actual size

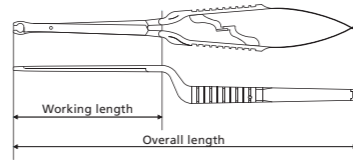


Product Code	Product Name	Overall length	Working length
17-015-01	Standard Straight	218mm	85mm
17-015-02	Standard 5 degree Angled Up		
17-015-03	Standard 10 degree Angled Up		
17-015-04	Standard 15 degree Angled Up		
17-015-05	Standard 15 degree Angled Down		
17-015-06	Standard 30 degree Angled Up		
17-015-07	Standard 45 degree Angled Up		
17-015-08	Standard Right	220mm	
17-015-09	Standard Left		
17-015-10	Standard Far Right		
17-015-11	Standard Far Left	218mm	85mm
17-015-21	Mini Straight		
17-015-23	Mini 10 degree Angled Up		
17-015-24	Mini 15 degree Angled Up		
17-015-25	Mini 15 degree Angled Down		
17-015-26	Mini 30 degree Angled Up		
17-015-29	Mini Right		
17-015-30	Mini Left	220mm	
17-015-32	Mini Far Right		
17-015-33	Mini Far Left		
17-015-31	Long Straight	218mm	85mm

w/o Catches		Overall length	Working length
17-016-01	Standard Straight w/o Catches	218mm	85mm
17-016-02	Standard 5 degree Angled Up w/o Catches		
17-016-03	Standard 10 degree Angled Up w/o Catches		
17-016-04	Standard 15 degree Angled Up w/o Catches		
17-016-05	Standard 15 degree Angled Down w/o Catches		
17-016-06	Standard 30 degree Angled Up w/o Catches		
17-016-07	Standard 45 degree Angled Up w/o Catches		
17-016-08	Standard Right w/o Catches	220mm	
17-016-09	Standard Left w/o Catches		
17-016-10	Standard Far Right w/o Catches		
17-016-11	Standard Far Left w/o Catches	218mm	85mm
17-016-21	Mini Straight w/o Catches		
17-016-23	Mini 10 degree Angled Up w/o Catches		
17-016-24	Mini 15 degree Angled Up w/o Catches		
17-016-25	Mini 15 degree Angled Down w/o Catches		
17-016-26	Mini 30 degree Angled Up w/o Catches		
17-016-29	Mini Right w/o Catches		
17-016-30	Mini Left w/o Catches	220mm	
17-016-32	Mini Far Right w/o Catches		
17-016-33	Mini Far Left w/o Catches		
17-016-31	Long Straight w/o Catches	218mm	85mm

Surgeon must confirm proper placement of clip in appropriate Fukushima Keyhole T2 Clip Applier.

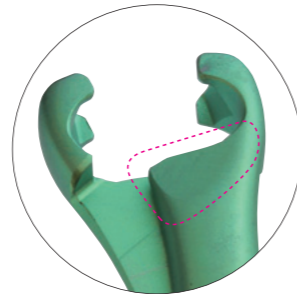
Instruments Spec



Effective length of applicators
This is the length from the clip holder tip.

Remover

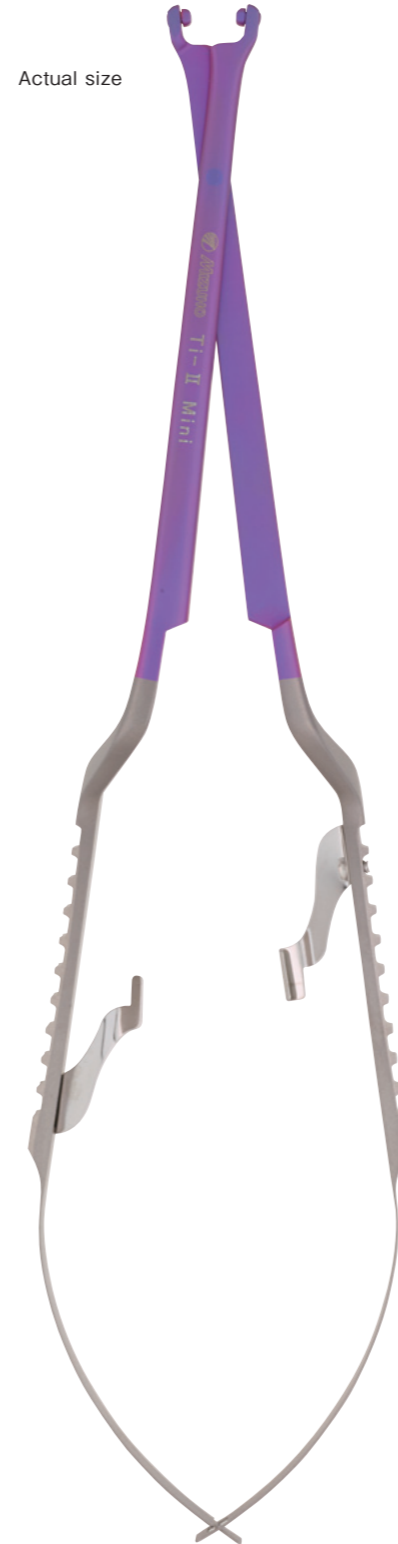
Wide and Large Jaw
Easy to clamp clip when re-positioning and removing.



Tapered surface to have better surgical view

Product Code	Product Name	Overall length	Working length
1 7 - 0 1 2 - 5 6	Sugita Titanium Clip II Remover Straight, for Standard Clips	210mm	90mm
1 7 - 0 1 2 - 5 7	Sugita Titanium Clip II Remover 30°Angled, for Standard Clips		
1 7 - 0 1 3 - 5 6	Sugita Titanium Clip II Remover Straight, for Mini Clips		
1 7 - 0 1 3 - 5 7	Sugita Titanium Clip II Remover 30°Angled, for Mini Clips		
1 7 - 0 1 4 - 5 6	Sugita Titanium Clip II Remover Straight, for Long Clips		

Swivel Angle Applier



Swivel angle jaw on slim shaft body



Swivel angle Applier for Standard



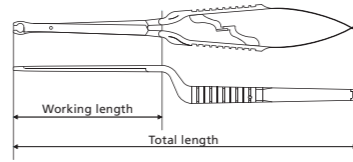
Swivel angle Applier for Mini



Please adjust Swivel angle Jaw before mounting Clip

Product Code	Product Name	Overall length	Working length
1 7 - 0 1 2 - 6 0	Sugita Titanium Clip II Swivel angle Applier for Standard	210mm	90mm
1 7 - 0 1 3 - 6 0	Sugita Titanium Clip II Swivel angle Applier for Mini		

Instruments Spec



Effective length of applicators
This is the length from the clip holder tip.

SANO Double-Action Applier



Actual size

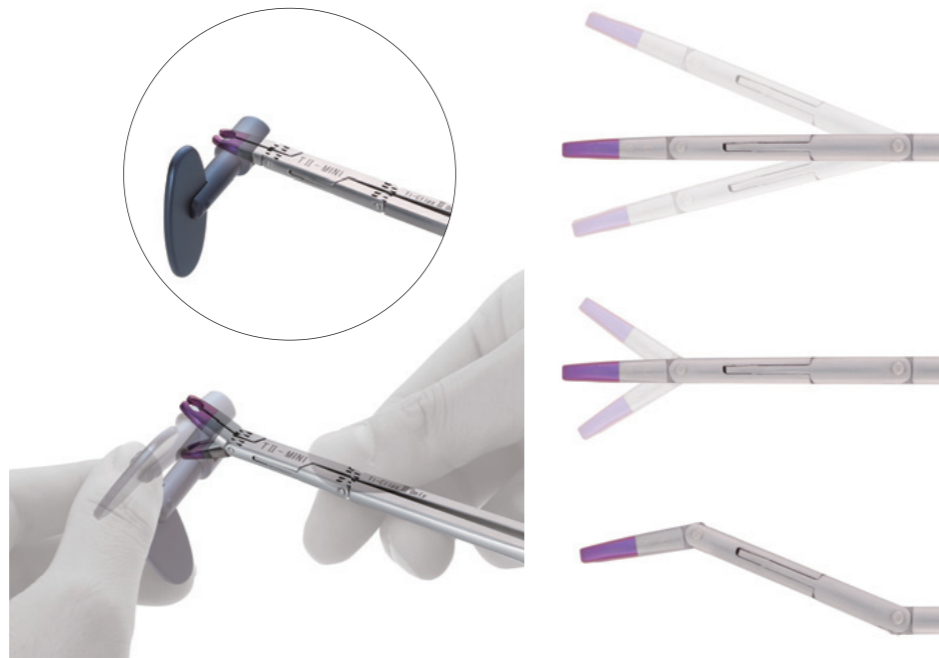
The applier has two joints. Adjustment key supports you to have appropriate angle.



Sano Double Action for Standard



Sano Double Action for Mini



Product Code	Product Name	Overall length	Working length
1 7 - 0 1 2 - 0 9	Sugita Titanium Clip II Applier, Sano Double Action for Standard	210mm	90mm
1 7 - 0 1 3 - 0 9	Sugita Titanium Clip II Applier, Sano Double Action for Mini		

w/o Catches

Product Code	Product Name	Overall length	Working length
1 7 - 0 1 2 - 1 9	Sugita Titanium Clip II Applier, Sano Double Action for Standard w/o Catches	210mm	90mm
1 7 - 0 1 3 - 1 9	Sugita Titanium Clip II Applier, Sano Double Action for Mini w/o Catches		

SANO All-Angle Applier



Actual size

One Joint with a swivel angle jaw to have appropriate angle.



Sano All-Angle for Standard



Sano All-Angle for Mini



Please adjust swivel angle jaw before mounting clip.

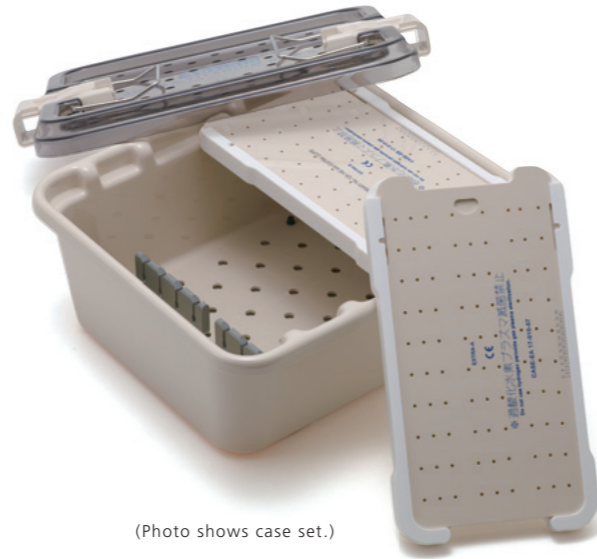
Product Code	Product Name	Overall length	Working length
1 7 - 0 1 2 - 1 0	Sugita Titanium Clip II Applier, Sano All-Angle for Standard	210mm	90mm
1 7 - 0 1 3 - 1 0	Sugita Titanium Clip II Applier, Sano All-Angle for Mini		

w/o Catches

Product Code	Product Name	Overall length	Working length
1 7 - 0 1 2 - 2 0	Sugita Titanium Clip II Applier, Sano All-Angle for Standard w/o Catches	210mm	90mm
1 7 - 0 1 3 - 2 0	Sugita Titanium Clip II Applier, Sano All-Angle for Mini w/o Catches		

Modular Clip-Case System

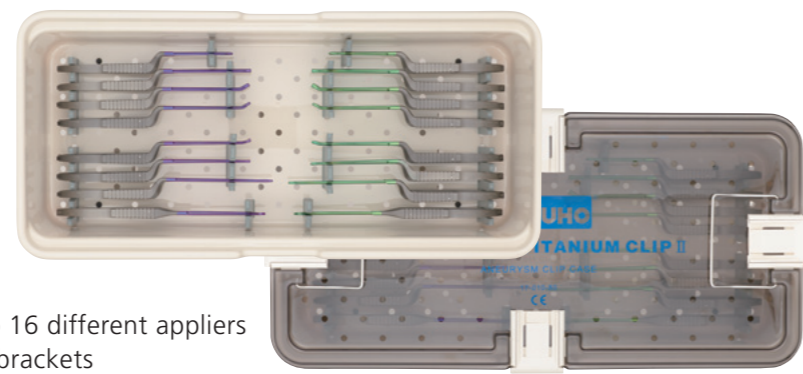
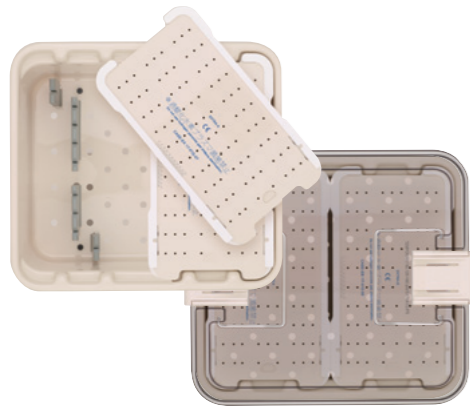
Sugita Titanium Clip II (T2) Tray



(Photo shows case set.)

17-010-06,07, and 08 Half Size Case

For 54 individual clips and 8 different appliers.
Case EA is blank tray (no laser etched clip drawing on lid. Customizable tray)

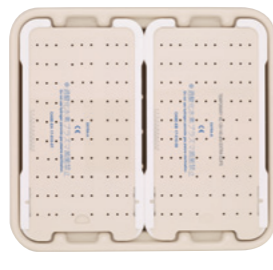
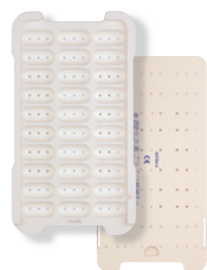


17-010-80 Case A (Appliers)

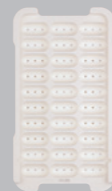
Case A has the room to store up to 16 different appliers
Which fit securely with soft silicon brackets

Applier Case

Product Code	Product Name
17-010-80	Sugita Titanium Clip II Sterilization Case A (Appliers)
17-010-06	Aneurysm Clip Case Half Size (Appliers)



CASE EA Customizable

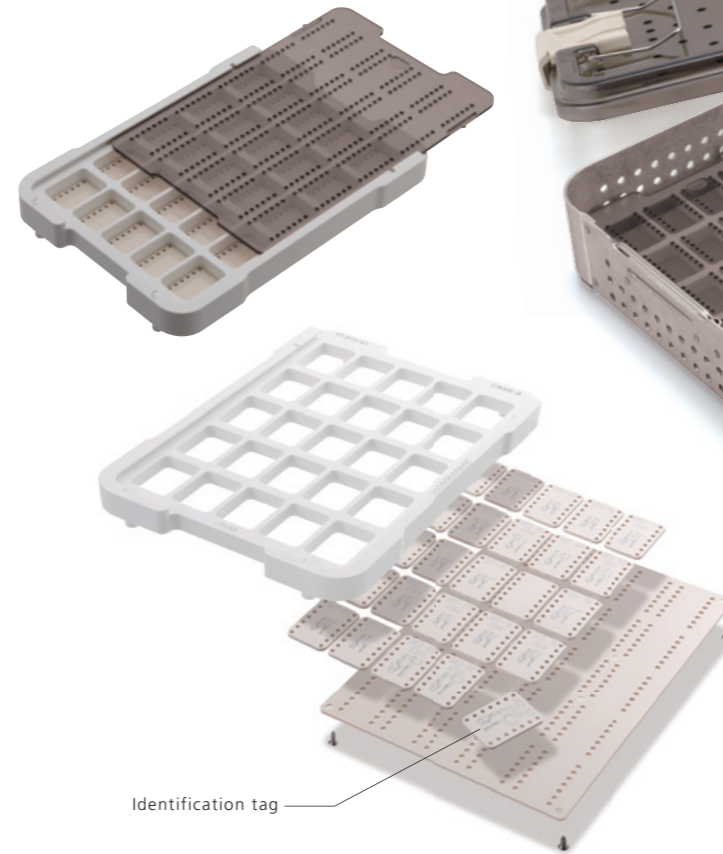


CASE EB

- 17-006-23
- 17-006-24
- 17-006-27
- 17-006-28
- 17-006-29
- 17-006-30
- 17-006-31
- 17-006-32
- 17-006-33
- 17-006-34

Clip Tray

Product Code	Product Name
17-010-07	Aneurysm Clip Case EA (Blank tray for Standard and Mini with 30 pockets)
17-010-08	Aneurysm Clip Case EB (Blank tray for Standard, Mini and Long with 24 pockets)



Identification tag



(Photo shows case set.)

07-010-90 to 99

The new T2 clip organizational tray houses an entire set of aneurysm clips with the room to store up to 134 individual clips.
Tray H and I allows you to arrange clip patterns according to your specific needs. Customized removable identification tags in all clip patterns are available upon request. Actual clip size illustration is shown on each tags.

Clip Tray B	Clip Tray C	Clip Tray D	Clip Tray E	Clip Tray F	Clip Tray G	Clip Tray H Customizable
17-001-80	17-001-01	17-001-08	17-006-38	17-006-43	17-006-27	
17-001-95	17-001-02	17-001-68	17-006-39	17-001-38	17-006-28	
17-001-81	17-001-10	17-001-09	17-001-26	17-001-39	17-001-56	
17-001-96	17-001-15	17-001-62	17-001-27	17-001-40	17-001-58	
17-002-15	17-001-18	17-001-63	17-001-28	17-006-37	17-006-29	
17-001-84	17-001-70	17-001-69	17-006-40	17-001-41	17-006-30	
17-001-86	17-001-03	17-001-65	17-001-29	17-001-42	17-006-23	
17-002-19	17-001-13	17-001-66	17-001-30	17-001-43	17-006-24	
17-001-89	17-001-14	17-001-50	17-001-31	17-001-79	17-001-57	
17-002-20	17-001-16	17-001-17	17-006-35	17-001-74	17-001-51	
17-001-85	17-001-04	17-001-05	17-001-32	17-001-75	17-001-52	
17-001-99	17-001-64	17-001-06	17-001-33	17-001-76	17-006-31	
17-001-87	17-001-12	17-001-07	17-001-34	17-001-77	17-006-32	
17-001-98	17-001-47	17-001-11	17-006-01	17-001-78	17-006-33	
17-001-83	17-001-48	17-001-71	17-006-36	17-002-04	17-001-53	
17-002-17	17-001-49	17-001-72	17-001-35	17-002-05	17-001-54	
17-002-21	17-001-23	17-001-90	17-001-36	17-002-07	17-001-55	
17-002-16	17-001-24	17-001-91	17-001-37	17-002-08	17-006-34	
17-002-18	17-001-25	17-001-92	17-006-02	17-002-09	17-002-00	
17-001-97	17-001-73		17-001-44	17-002-10		
17-001-88	17-001-20		17-001-45	17-002-11		
17-002-01	17-001-21		17-001-46	17-002-12		
17-002-02	17-001-22		17-006-03	17-002-13		
17-002-03	17-001-60			17-002-14		
	17-001-61					

Clip Tray I Customizable



Clip Tray J

- 17-001-56
- 17-001-58
- 17-001-57
- 17-001-51
- 17-001-52
- 17-001-53
- 17-001-54
- 17-001-55

Clip Tray

Product Code	Product Name
17-010-90	Sugita Aneurysm Clip Organizational Tray (Clip Tray basket Not Applier case)
17-010-91	Sugita T2 Clip Tray B (For Mini and Standard Crankshaft clips)
17-010-92	Sugita T2 Clip Tray C (For Standard Straight, Curved and L shaped clips)
17-010-93	Sugita T2 Clip Tray D (For Standard Curved and Long clips)
17-010-94	Sugita T2 Clip Tray E (For Standard Fenestrated clips)
17-010-95	Sugita T2 Clip Tray F (For Standard Fenestrated L Shaped clips)
17-010-96	Sugita T2 Clip Tray G (For All Temporary and Booster clips)
17-010-97	Sugita T2 Clip Tray H (Customizable Tray for Standard and Mini clips with 25 blank pockets)
17-010-98	Sugita T2 Clip Tray I (Customizable Tray for Standard, Mini and Long clips with 20 blank pockets)
17-010-99	Sugita T2 Clip Tray J (For Temporary clips 001-51 to 58 only)

Ordering information

 : NO CE Mark Now under Application

Standard



Prod. Code	Description
17-001-01	Standard 8.5 Straight 7.0mm
17-001-02	Standard 10.5 Straight 10.0mm
17-001-03	Standard 11.0 Bayonet 7.0mm
17-001-04	Standard 9.5 Bent 8.0mm
17-001-05	Standard 11.0 Sideward Bent 8.0mm
17-001-06	Standard 10.0 Sideward Cvd. 9.0mm
17-001-07	Standard 12.0 Sideward Cvd. Bayonet 8.5mm
17-001-08	Standard 9.5 Cvd. 9.0mm
17-001-09	Standard 10.0 Slightly Cvd. 9.0mm
17-001-10	Standard 11.5 Straight 12.0mm
17-001-11	Standard 13.5 Sideward Bent 12.0mm
17-001-12	Standard 11.0 Bent 12.0mm
17-001-13	Standard 13.0 Bayonet 10.0mm
17-001-14	Standard 14.0 Bayonet 12.0mm
17-001-15	Standard 13.5 Straight 15.0mm
17-001-16	Standard 14.0 Slightly Cvd. Bayonet 12.0mm
17-001-17	Standard 15.5 Slightly Cvd. 18.0mm
17-001-18	Standard 15.0 Straight 18.0mm
17-001-20	Standard 8.0 L-Shaped 5.0mm
17-001-21	Standard 8.0 L-Shaped 7.5mm
17-001-22	Standard 8.0 L-Shaped 10.0mm
17-001-23	Standard 9.0 J-Shaped 6.0mm
17-001-24	Standard 9.0 J-Shaped 7.5 mm
17-001-25	Standard 9.5 J-Shaped 9.0mm
17-001-47	Standard 10.5 45° Angled 5.0mm
17-001-48	Standard 11.5 45° Angled 7.5mm
17-001-49	Standard 12.5 45° Angled 10.0mm
17-001-50	Standard 13.0 Slightly Cvd. 14.0mm
17-001-60	Standard 8.0 L-Shape w/Curved 7.5mm
17-001-61	Standard 8.0 L-Shaped w/Curved 10.0mm
17-001-62	Standard 9.0 1/4 Cvd. 7.5mm
17-001-63	Standard 9.5 1/4 Cvd. 8.6mm
17-001-64	Standard 10.0 Slightly Bent 8.0mm (4B)
17-001-65	Standard 11.0 Slightly Cvd. 11.0mm
17-001-66	Standard 11.0 Slightly Cvd. 11.0mm
17-001-68	Standard 10.0 Slightly Cvd. 9.0mm (8B)
17-001-69	Standard 9.5 Cvd. 9.0mm
17-001-73	Standard 11.0 1/4 Cvd. 11.0mm
17-001-70	Standard 17.0 Straight 21.0mm (19A)
17-002-01	Standard 9.0 Crankshaft 3.0mm
17-002-02	Standard 10.0 Crankshaft 4.0mm
17-002-03	Standard 10.0 Crankshaft 4.0mm

Fenestrated



Prod. Code	Description
17-001-26	Fen. 3.5, 11.0 Straight 6.0mm
17-001-27	Fen. 3.5, 13.0 Straight 9.0mm
17-001-28	Fen. 3.5, 14.5 Straight 12.0mm
17-001-29	Fen. 5.0, 12.0 Straight 6.0mm
17-001-30	Fen. 5.0, 14.0 Straight 9.0mm
17-001-31	Fen. 5.0, 15.5 Straight 12.0mm
17-001-32	Fen. 3.5, 8.5 Bent 5.0mm
17-001-33	Fen. 3.5, 9.0 Bent 7.5mm
17-001-34	Fen. 3.5, 10.0 Bent 10.0mm
17-001-35	Fen. 5.0, 9.5 Bent 5.0mm
17-001-36	Fen. 5.0, 10.0 Bent 7.5mm
17-001-37	Fen. 5.0, 11.0 Bent 10.0mm
17-001-38	Fen. 3.5, 7.5 L-Shaped 5.0mm
17-001-39	Fen. 3.5, 7.5 L-Shaped 7.5mm
17-001-40	Fen. 3.5, 7.5 L-Shaped 10.0mm
17-001-41	Fen. 5.0, 8.5 L-Shaped 5.0mm
17-001-42	Fen. 5.0, 8.5 L-Shaped 7.5mm
17-001-43	Fen. 5.0, 8.5 L-Shaped 10.0mm
17-001-44	Fen. 5.0, 10.5 Bayonet 5.0mm
17-001-45	Fen. 5.0, 12.0 Bayonet 7.5mm
17-001-46	Fen. 5.0, 13.5 Bayonet 10.0mm
17-001-74	Fen. 5.0, 8.5 L-Shaped Cvd. to L 5.0mm
17-001-75	Fen. 5.0, 8.5 L-Shaped Cvd. to L 7.5mm
17-001-76	Fen. 5.0, 8.5 L-Shaped Cvd. to L 10.0mm
17-001-77	Fen. 5.0, 8.5 L-Shaped Cvd. to R 5.0mm
17-001-78	Fen. 5.0, 8.5 L-Shaped Cvd. to R 7.5mm
17-001-79	Fen. 5.0, 8.5 L-Shaped Cvd. to R 10.0mm
17-002-04	Fujita Fen. 5.0, 11.0 Straight Angled 5.0mm
17-002-05	Fujita Fen. 5.0, 12.0 Straight Angled 7.5mm
17-002-07	Fujita Fen. 5.0, 9.0 Bent Angled to R 5.0mm
17-002-08	Fujita Fen. 5.0, 10.0 Bent Angled to R 7.5mm
17-002-09	Fujita Fen. 5.0, 9.0 Bent Angled to L 5.0mm
17-002-10	Fujita Fen. 5.0, 10.0 Bent Angled to L 7.5mm
17-002-11	Fujita Fen. 5.0, 8.0 L-Shaped Angled to R 5.0mm
17-002-12	Fujita Fen. 5.0, 8.0 L-Shaped Angled to R 7.5mm
17-002-13	Fujita Fen. 5.0, 8.0 L-Shaped Angled to L 5.0mm
17-002-14	Fujita Fen. 5.0, 8.0 L-Shaped Angled to L 7.5mm
17-006-01	Fen. 5.0, 9.5 L-Shaped Window 3.0mm
17-006-02	Fen. 5.0, 10.0 L-Shaped Window 4.0mm
17-006-03	Fen. 5.0, 11.0 L-Shaped Window 5.0mm
17-006-35	Fen. 3.5, 8.0 Bent 3.0mm
17-006-36	Fen. 5.0, 9.0 Bent 3.0mm
17-006-37	Fen. 5.0, 8.5 L-Shaped 3.0mm
17-006-38	Fen. 3.5, 9.0 Straight 3.0mm
17-006-39	Fen. 3.5, 10.0 Straight 4.0mm
17-006-40	Fen. 5.0, 11.0 Straight 4.0mm
17-006-43	Fen. 3.5, 7.5 L-Shaped 3.0mm

Mini



Prod. Code	Description
17-001-80	Mini 5.5 Straight 4.0mm
17-001-81	Mini 7.0 Straight 6.0mm
17-001-83	Mini 6.5 Curved 5.0mm
17-001-84	Mini 7.0 Bent 5.0mm
17-001-85	Mini 5.5 Curved 4.0mm
17-001-86	Mini 7.5 Sideward Curved 7.0mm
17-001-87	Mini 6.0 Curved 5.0mm
17-001-88	Mini 7.5 Curved 7.0mm
17-001-89	Mini 8.5 Bayonet 5.0mm
17-001-95	Mini 5.5 Straight Slim 4.0mm
17-001-96	Mini 7.0 Straight Slim 6.0mm
17-001-97	Mini 7.0 Curved Slim 6.7mm
17-001-98	Mini 8.0 Curved Slim 8.2mm
17-001-99	Mini 6.5 Curved Slim 5.2mm
17-002-15	Mini 8.0 Straight 8.0mm
17-002-16	Mini 7.0 Curved 6.5mm
17-002-17	Mini 6.5 Slightly Curved 5.5mm
17-002-18	Mini 7.0 Slightly Curved 6.5mm
17-002-19	Mini 8.5 Sideward Bent 6.0mm
17-002-20	Mini 10.0 Bayonet 7.0mm
17-002-21	Mini 6.5 Curved Slim 5.5mm

Mini Temporary



Prod. Code	Description
17-001-56	Mini Temp. 7.0 Straight 6.0mm
17-001-57	Mini Temp. 7.0 Bent 5.0mm
17-001-58	Mini Temp. 7.0 Straight Slim 6.0mm
17-006-23	Mini Temp. 9.5 Straight 10.0mm
17-006-24	Mini Temp. 12.5 Straight 15.0mm
17-006-27	Mini Temp. 6.0 Straight 4.0mm
17-006-28	Mini Temp. 6.5 Straight 5.0mm
17-006-29	Mini Temp. 7.5 Straight 7.0mm
17-006-30	Mini Temp. 8.0 Straight 8.0mm

Long



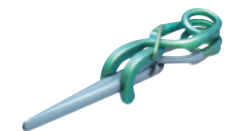
Prod. Code	Description
17-001-71	Long 19.0 Bayonet 21.0mm (19B)
17-001-72	Long 18.0 Straight 25.0mm (19C)
17-001-90	Long 20.5 Straight 30.0mm
17-001-91	Long 23.5 Straight 35.0mm
17-001-92	Long 26.0 Straight 40.0mm

Standard Temporary



Prod. Code	Description
17-001-51	Temp. 9.0 Straight 7.0mm
17-001-52	Temp. 10.5 Straight 10.0mm
17-001-53	Temp. 11.5 Bayonet 7.0mm
17-001-54	Temp. 9.5 Bent 8.0mm
17-001-55	Temp. 11.0 Slightly Curved 11.0mm
17-006-31	Temp. 12.0 Straight 12.0mm
17-006-32	Temp. 13.5 Straight 15.0mm
17-006-33	Temp. 16.5 Straight 20.0mm
17-006-34	Temp. 13.0 Slightly Curved 14.0mm

Booster



Booster Clip is suitable for below numbers.

Clip No.	1	2	5	6	9	10	11	15	17	18	20
	21	22	23	24	25	47	48	49	50	60	61
	62	63	65	66	69	70	73	C01	C02	C03	

Prod. Code	Description
17-002-00	Booster

Sugita Titanium Aneurysm ClipII (T2) Appliers and Removers

Prod. Code	Description
17-015-01	Fukushima Std, Straight
17-015-02	Fukushima Std, 5 degree Angled Up
17-015-03	Fukushima Std, 10 degree Angled Up
17-015-04	Fukushima Std, 15 degree Angled Up
17-015-05	Fukushima Std, 15 degree Angled Down
17-015-06	Fukushima Std, 30 degree Angled Up
17-015-07	Fukushima Std, 45 degree Angled Up
17-015-08	Fukushima Std, Right
17-015-09	Fukushima Std, Left
17-015-10	Fukushima Std, Far Right
17-015-11	Fukushima Std, Far Left
17-015-21	Fukushima Mini, Straight
17-015-23	Fukushima Mini, 10 degree Angled Up
17-015-24	Fukushima Mini, 15 degree Angled Up
17-015-25	Fukushima Mini, 15 degree Angled Down
17-015-26	Fukushima Mini, 30 degree Angled Up
17-015-29	Fukushima Mini, Right
17-015-30	Fukushima Mini, Left
17-015-32	Fukushima Mini, Far Right
17-015-33	Fukushima Mini, Far Left
17-015-31	Fukushima Long, Straight

Prod. Code	Description
17-016-01	Fukushima Std, Straight w/o Catches
17-016-02	Fukushima Std, 5 degree Angled Up w/o Catches
17-016-03	Fukushima Std, 10 degree Angled Up w/o Catches
17-016-04	Fukushima Std, 15 degree Angled Up w/o Catches
17-016-05	Fukushima Std, 15 degree Angled Down w/o Catches
17-016-06	Fukushima Std, 30 degree Angled Up w/o Catches
17-016-07	Fukushima Std, 45 degree Angled Up w/o Catches
17-016-08	Fukushima Std, Right w/o Catches
17-016-09	Fukushima Std, Left w/o Catches
17-016-10	Fukushima Std, Far Right w/o Catches
17-016-11	Fukushima Std, Far Left w/o Catches
17-016-21	Fukushima Mini, Straight w/o Catches
17-016-23	Fukushima Mini, 10 degree Angled Up w/o Catches
17-016-24	Fukushima Mini, 15 degree Angled Up w/o Catches
17-016-25	Fukushima Mini, 15 degree Angled Down w/o Catches
17-016-26	Fukushima Mini, 30 degree Angled Up w/o Catches
17-016-29	Fukushima Mini, Right w/o Catches
17-016-30	Fukushima Mini, Left w/o Catches
17-016-32	Fukushima Mini, Far Right w/o Catches
17-016-33	Fukushima Mini, Far Left w/o Catches
17-016-31	Fukushima Long, Straight w/o Catches

Prod. Code	Description
17-012-56	Remover Std, Straight
17-012-57	Remover Std, 30°Angled
17-013-56	Remover Mini, Stright
17-013-57	Remover Mini, 30°Angled
17-014-56	Remover Long, Stright

Prod. Code	Description
17-012-09	Sano Double Action Std
17-012-10	Sano All-Angle Std
17-012-19	Sano Double Action Std, w/o Catches
17-012-20	Sano All-Angle Std, w/o Catches
17-013-09	Sano Double Action Mini
17-013-10	Sano All-Angle Mini
17-013-19	Sano Double Action Mini, w/o Catches
17-013-20	Sano All-Angle Mini, w/o Catches

Prod. Code	Description
17-012-60	Swivel angle Std
17-013-60	Swivel angle Mini

T2 Clip & Appliers Cases

Prod. Code	Description
17-010-06	Half Size Tray (Appliers)
17-010-07	T2 Clip Tray EA (for Std and Mini, Blank 30 pockets)
17-010-08	T2 Clip Tray EB (for Std, Mini and Long, 24 pockets)

Prod. Code	Description
17-010-90	T2 Metal basket
17-010-91	T2 Clip Tray B (For Mini and Std Crankshaft clips)
17-010-92	T2 Clip Tray C (For Std Str, Cvd and L shaped clips)
17-010-93	T2 Clip Tray D (For Std Cvd and Long clips)
17-010-94	T2 Clip Tray E (For Std Fenest clips)
17-010-95	T2 Clip Tray F (For Std Fenest L Shaped clips)
17-010-96	T2 Clip Tray G (For All Temp and Booster clips)
17-010-97	T2 Clip Tray H (Customizable Tray for Std and Mini, 25 blank pockets)
17-010-98	T2 Clip Tray I (Customizable Tray for Std, Mini and Long clips,20 blank pockets)
17-010-99	T2 Clip Tray J (For Temp clips 001-51 to 58 only)