SINO ORTHO LIMITED

(2025-2026)

SELF-LIGATING BRACKETS CATALOG





[YOUR TRUST,OUR RESPONSIBILITY]

WestLake-I Series
Ceramic Self-ligating brackets



Smooth chamfer and Water Grinding finish make it comfortable to wear and prevent soft tissue from scratching

Precision Archwire slot with higher torque control

The new auto-ligating structure lowers the general height, mitigating the uncomfortable feeling in the mouth



High-duty ceramic clasp with specially enhanced pulling style, more accurate and durable.

Contoured bonding base with generous undercuts for a strong grip and an easy debonding procedure.



Super translucency thanks to a pure polycrystalline ceramic

≫ Roth

● Maxillary

Torque	-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip	0°	0°	11°	9°	5°	5°	9°	11°	0°	0°
In/Out mm	3.2	3.2	3.4	2.9	3.6	3.6	2.9	3.4	3.2	3.2
Width mm	0.5	0.5	0.5	1.0	0.5	0.5	1.0	0.5	0.5	0.5

● Mandibular

Torque	-22°	-17°	-11°	-1°	-1°	-1°	-1°	-11°	-17°	-22°
Tip	0°	0°	7°	0°	0°	0°	0°	7°	0°	0°
In/Out mm	3.2	3.2	3.4	2.6	2.6	2.6	2.6	3.4	3.2	3.2
Width mm	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.5	0.5	0.5

Slot Size	Assortments Packs	Quantity	3,4,5 with Hook
0.022"	1 kit	20 pcs	WL-11

≫ MBT *

● Maxillary

Torque	-7°	-7°	-7°	+10°	+17°	+17°	+10°	-7°	-7°	-7°
Tip	0°	0°	8°	8°	4°	4°	8°	8°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	0.5	0.5	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.9	3.6	3.6	2.9	3.4	3.2	3.2

● Mandibular

Torque	-17°	-12°	-6°	-6°	-6°	-6°	-6°	-6°	-12°	-17°
Tip	0°	0°	3°	0°	0°	0°	0°	3°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.6	2.6	2.6	2.6	3.4	3.2	3.2

Slot Size	Assortments Packs	Quantity	3,4,5 with Hook
0.022"	1 kit	20 pcs	WL-12

* Please consult our sales before placing order

WESTLAKE Series
Ceramic Brackets

It's made of Poly-crystalline (AL2O3)bioceramics, CIM technology.
Newest aesthetic design ceramic brackets, with Interactive Self-Ligating Clip
Contoured appearance for maximum comfort!





The Optimum Base
which is superior at bonding

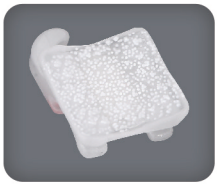




Tooth colored clips coated
with rhodium







≫ Roth System

● Maxillary

Torque	-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip	0°	0°	11°	9°	5°	5°	9°	11°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	0.5	0.5	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.9	3.6	3.6	2.9	3.4	3.2	3.2

● Mandibular

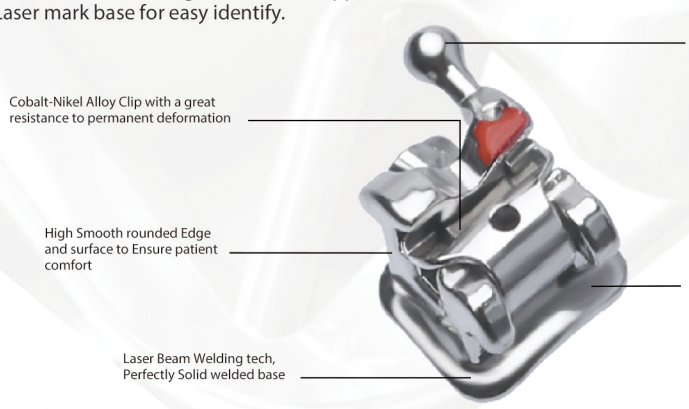
Torque	-22°	-17°	-11°	-1°	-1°	-1°	-1°	-11°	-17°	-22°
Tip	0°	0°	7°	0°	0°	0°	0°	7°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.6	2.6	2.6	2.6	3.4	3.2	3.2

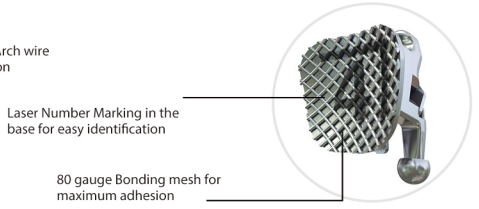
Slot Size	Assortments Packs	Quantity	3,4,5 with Hook
0.022"	1 kit	20 pcs	WL-01

GreatWall III Series
Metal Brackets

Interactive Self-Ligating brackets, Made of 17-4 stainless steel,
MIM advanced technology, Laser Welding bring more Ragid strength .
Newest Aesthetic desgin, Contoured apperance for more comfortable!
Laser mark base for easy identify.







≫ Roth System

Maxillary

Torque	-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip	0°	0°	10°	9°	5°	5°	9°	10°	0°	0°
In/Out mm	1.2	1.2	1.2	1.7	1.2	1.2	1.7	1.2	1.2	1.2
Width mm	3.2	3.2	3.2	3.0	3.6	3.6	3.0	3.2	3.2	3.2

Mandibular

Torque	-22°	-17°	-11°	-1°	-1°	-1°	-1°	-11°	-17°	-22°
Tip	0°	0°	7°	0°	0°	0°	0°	7°	0°	0°
In/Out mm	1.2	1.2	1.2	1.7	1.7	1.7	1.7	1.2	1.2	1.2
Width mm	3.2	3.2	3.2	2.6	2.6	2.6	2.6	3.2	3.2	3.2

Slot Size	Assortments Packs	Quantity	With Out Hook	3 with Hook	3,4,5 with Hook
0.018"	1 kit	20 pcs	GW-III-R01	GW-III-R11	GW-III-R21
0.022"	1 kit	20 pcs	GW-III-R02	GW-III-R12	GW-III-R22

≫ MBT System*

Maxillary

Torque	-7°	-7°	-7°	+10°	+17°	+17°	+10°	-7°	-7°	-7°
Tip	0°	0°	8°	8°	4°	4°	8°	8°	0°	0°
In/Out mm	1.2	1.2	1.2	1.7	1.2	1.2	1.7	1.2	1.2	1.2
Width mm	3.2	3.2	3.2	3.0	3.6	3.6	3.0	3.2	3.2	3.2

Mandibular

Torque	-17°	-11°	-6°	-6°	-6°	-6°	-6°	-6°	-11°	-17°
Tip	0°	0°	3°	0°	0°	0°	0°	3°	0°	0°
In/Out mm	1.2	1.2	1.2	1.7	1.7	1.7	1.7	1.2	1.2	1.2
Width mm	3.2	3.2	3.2	2.6	2.6	2.6	2.6	3.2	3.2	3.2

Slot Size	Assortments Packs	Quantity	With Out Hook	3 with Hook	3,4,5 with Hook
0.018"	1 kit	20 pcs	GW-III-M01	GW-III-M11	GW-III-M21
0.022"	1 kit	20 pcs	GW-III-M02	GW-III-M12	GW-III-M22

* Please consult our sales before placing order

GreatWall II Series
Metal Brackets



The next-generation of GreatWall-II bracket is made from medical grade 17-4 stainless steel through high precision metal injection molding. The unique retentive clasp ensures each step to be perfect in place. It is durable and reliable. With less time required to install, doctors can save costs and improve efficiency.

Archwire slot is an integrated part made through side-core injection molding and precision polishing, resulting into high-quality and accurate.

The baseplate, by employing the new laser welding, eliminates potential deformation due to secondary heating of the brackets in traditional methods of welding.

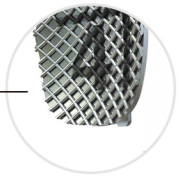
Mechanical finish covering every corner makes the surface smooth and bright, offering the best wearing experience



Stainless steel 17-4 metal-injection molded construction for strength and durability

Integrated with passive auto-legating, the brackets is less resistant while continuously imposes aligning force on teeth

80 enhanced mesh, ensure better bonding



Laser Number Marking in the base for easy identification

≫ Roth System

● Maxillary

Torque	-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip	0°	0°	10°	9°	5°	5°	9°	10°	0°	0°
In/Out mm	0.6	0.6	0.6	0.5	0.45	0.45	0.5	0.6	0.6	0.6
Width mm	3.0	3.0	3.0	2.6	3.2	3.2	2.6	3.0	3.0	3.0

● Mandibular

Torque	-22°	-17°	-11°	-1°	-1°	-1°	-1°	-11°	-17°	-22°
Tip	0°	0°	+6°	0°	0°	0°	0°	+6°	0°	0°
In/Out mm	0.6	0.6	0.6	0.6	0.55	0.55	0.6	0.6	0.6	0.6
Width mm	3.0	3.0	3.0	2.6	2.6	2.6	2.6	3.0	3.0	3.0

Slot Size	Assortments Packs	Quantity	With Out Hook	3 with Hook	3,4,5 with Hook
0.018"	1 kit	20 pcs	GW-II-R01	GW-II-R11	GW-II-R21
0.022"	1 kit	20 pcs	GW-II-R02	GW-II-R12	GW-II-R22

≫ MBT System

● Maxillary

Torque	-7°	-7°	-7°	+10°	+17°	+17°	+10°	-7°	-7°	-7°
Tip	0°	0°	8°	8°	4°	4°	8°	8°	0°	0°
In/Out mm	0.6	0.6	0.6	0.5	0.45	0.45	0.5	0.6	0.6	0.6
Width mm	3.0	3.0	3.0	2.6	3.2	3.2	2.6	3.0	3.0	3.0

● Mandibular

Torque	-17°	-11°	-6°	-6°	-6°	-6°	-6°	-6°	-11°	-17°
Tip	0°	0°	+3°	0°	0°	0°	0°	+3°	2°	2°
In/Out mm	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5
Width mm	3.0	3.0	3.0	2.6	2.6	2.4	2.6	3.0	3.0	3.0

Slot Size	Assortments Packs	Quantity	With Out Hook	3 with Hook	3,4,5 with Hook
0.018"	1 kit	20 pcs	GW-II-M01	GW-II-M11	GW-II-M21
0.022"	1 kit	20 pcs	GW-II-M02	GW-II-M12	GW-II-M22

≫ Pure Clear Self-Ligating Brackets



Removable Color coded ID dot.
For easy selection

Smooth and Strong hook
For Added patient comfort and
secure engagement of elastics

Pure Clear Monocrystalline Sapphire
Nearly invisible againset any ttoth shade
and stays crystal clear without staining

Archwires slot design
Enhances Sliding mechanics



Compound contour base
Provides ideal brackets fit.



Dove Tail Grooves.
Provide superior mechanical lock



≫ Roth

● Maxillary

Torque	-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip	0°	0°	11°	9°	5°	5°	9°	11°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	0.5	0.5	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.9	3.6	3.6	2.9	3.4	3.2	3.2

● Mandibular

Torque	-22°	-17°	-11°	-1°	-1°	-1°	-1°	-11°	-17°	-22°
Tip	0°	0°	7°	0°	0°	0°	0°	7°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.6	2.6	2.6	2.6	3.4	3.2	3.2

Slot Size	Assortments Packs	Quantity	3,4,5 with Hook
0.022"	1 kit	20 pcs	PCS-11

≫ MBT

● Maxillary

Torque	-7°	-7°	-7°	+10°	+17°	+17°	+10°	-7°	-7°	-7°
Tip	0°	0°	8°	8°	4°	4°	8°	8°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	0.5	0.5	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.9	3.6	3.6	2.9	3.4	3.2	3.2

● Mandibular

Torque	-17°	-12°	-6°	-6°	-6°	-6°	-6°	-6°	-12°	-17°
Tip	0°	0°	3°	0°	0°	0°	0°	3°	0°	0°
In/Out mm	0.5	0.5	0.5	1.0	1.0	1.0	1.0	0.5	0.5	0.5
Width mm	3.2	3.2	3.4	2.6	2.6	2.6	2.6	3.4	3.2	3.2

Slot Size	Assortments Packs	Quantity	3,4,5 with Hook
0.022"	1 kit	20 pcs	PCS-21

Spherical Self-Ligating Brackets

Feature:

1, Enclosing semi-spherical surface less irritation to soft tissue and less retention of food and plaque

2, With force dispersion from semi-spherical surface, only 1/20 force impacts on bracket with lower fall-off rate of bracket.

3,Bracket hook on central axis provides correct power for elastic bending .

4, One piece curved base better for bonding.





Roth System

Maxillary

Torque	-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip	0°	0°	10°	9°	5°	5°	9°	10°	0°	0°
In/Out mm	0.6	0.6	0.6	0.5	0.45	0.45	0.5	0.6	0.6	0.6
Width mm	3.0	3.0	3.0	2.6	3.2	3.2	2.6	3.0	3.0	3.0

Mandibular

Torque	-22°	-17°	-11°	-1°	-1°	-1°	-1°	-11°	-17°	-22°
Tip	0°	0°	+6°	0°	0°	0°	0°	+6°	0°	0°
In/Out mm	0.6	0.6	0.6	0.6	0.55	0.55	0.6	0.6	0.6	0.6
Width mm	3.0	3.0	3.0	2.6	2.6	2.6	2.6	3.0	3.0	3.0

Slot Size	Assortments Packs	Quantity	With Out Hook	3 with Hook	3,4,5 with Hook
0.018"	1 kit	20 pcs	BTL-R01	BTL-R11	BTL-R21
0.022"	1 kit	20 pcs	BTL-R02	BTL-R12	BTL-R22

MBT System

Maxillary

Torque	-7°	-7°	-7°	+10°	+17°	+17°	+10°	-7°	-7°	-7°
Tip	0°	0°	8°	8°	4°	4°	8°	8°	0°	0°
In/Out mm	0.6	0.6	0.6	0.5	0.45	0.45	0.5	0.6	0.6	0.6
Width mm	3.0	3.0	3.0	2.6	3.2	3.2	2.6	3.0	3.0	3.0

Mandibular

Torque	-17°	-11°	-6°	-6°	-6°	-6°	-6°	-6°	-11°	-17°
Tip	0°	0°	+3°	0°	0°	0°	0°	+3°	2°	2°
In/Out mm	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5
Width mm	3.0	3.0	3.0	2.6	2.6	2.4	2.6	3.0	3.0	3.0

Slot Size	Assortments Packs	Quantity	With Out Hook	3 with Hook	3,4,5 with Hook
0.018"	1 kit	20 pcs	BTL-M01	BTL-M11	BTL-M21
0.022"	1 kit	20 pcs	BTL-M02	BTL-M12	BTL-M22

SINO ORTHO LIMITED

Email: info@sinoortho.com Web: www.sinoortho.com
Tel/Fax: 0086-571 89011997 Mobile:0086-137-5823 5369
Address：Room W01 2nd Building Jinjiadu South Road, Yuhang District, Hangzhou City, China.