OrthAnchor

GMP | CE | FDA | NMPA

- High fracture resistance (material: Ti. alloy).
- Etch surfaces reduces insertion failure by 20%
- Optimal anchorage force with simple and smooth insertion.

	6mm	8mm	10mm
Ø1.2mm	Ø1.2x6		
Ø1.4mm	Ø1.4x6	Ø1.4x8	
Ø1.6mm	Ø1.6x6	Ø1.6x8	Ø1.6x10
Ø1.8mm	Ø1.8x6	Ø1.8x8	Ø1.8x10

✲ Etched Surface

20% reduced Insertion Failure Rate.

✲ High Fracture Resistance

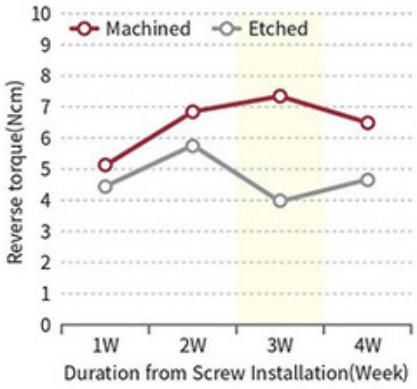
15~30% improved than Competitor's screw.
→ Enables Stable Insertion without any fracture.

✲ Smooth Insertion & Stable Anchorage Force

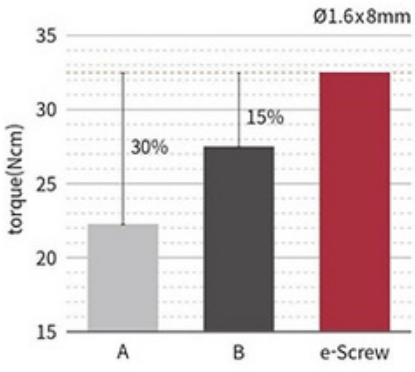
- **Sharpened Tip**
  Enables Smooth & Fast Insertion.

- **Tapered Design**
  Stable Anchorage from the Initial stage.

Comparison of Insertion Failure



Comparison of Failure Strength



Applicable position to insertion

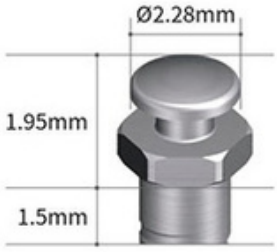
Incisor intrusion (Antero-labial Alveolar process)	Ø1.6, 6mm
Molar contraction, protraction, retraction (Mid-palatal suture)	Ø1.8, 6~8 mm
Anterior (full arch) retraction / molar intrusion	Ø1.8~2.0, 10~12mm
Molar protraction (Antero-palatal Aveolar process)	Ø1.6, 6mm
Anterior (Full arch) retraction (IZC)	Ø1.8~2.0, 10~12mm
Anterior (full arch) retraction (Buccal shelf)	Ø1.8~2.0, 10~12mm
Full arch (molar) retraction (Retromolar pad)	Ø1.8, 6~8mm
Full arch (molar) retraction (Ascending ramus)	Ø1.8, 10mm

Same design, two options for surface treatment.

	Through hole	Bracket head	Small head	Simple head
Sterilized	O	O	O	O
Machined surface	O	O	O	O
Etched surface	O			O

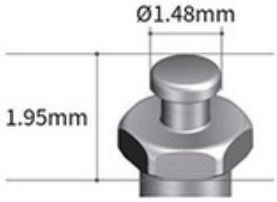
✲ Through hole

- The hole can be ligated with wires (.022").
- Head designed for easy ligate with wire, chain or springs.



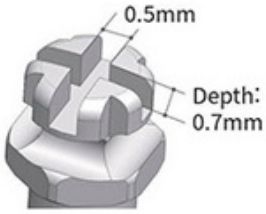
✲ Simple head

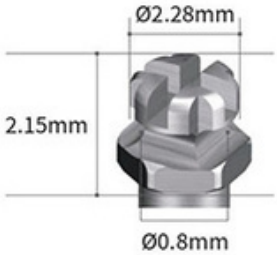
- Less irritation than through hole.
- Ø 2.5 of coil spring can be use for ligation.



✲ Small head

- Less irritation than simple head.
- Ø 1.5 and 2.0 of coil spring can be use for ligation.

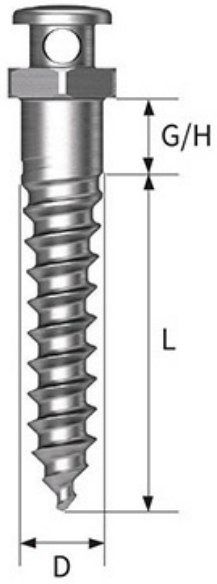




✲ Bracket head

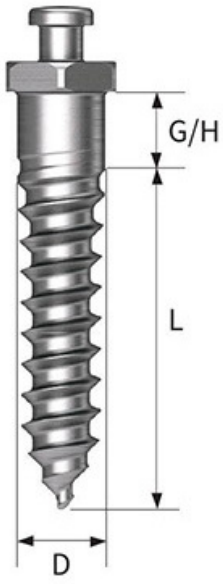
- Head can be used to ligate other materials.

✲ Through hole



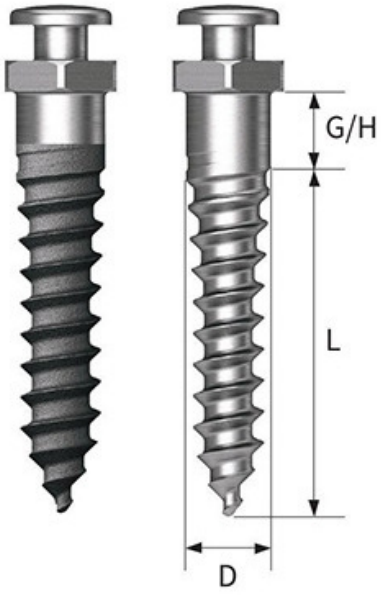
D \ L	6	8	10
Ø1.2			
G/H 1.5	OSTH**1206**	OSTH**1208**	
Ø1.4			
G/H 1.5	OSTH**1406**	OSTH**1408**	
Ø1.6			
G/H 1.5	OSTH**1606**	OSTH**1608**	OSTH**1610**
G/H 4.0	OSTH**16064**		
Ø1.8			
G/H 1.5	OSTH**1806**	OSTH**1808**	OSTH**1810**
G/H 4.0	OSTH**18064**		

✲ Small head



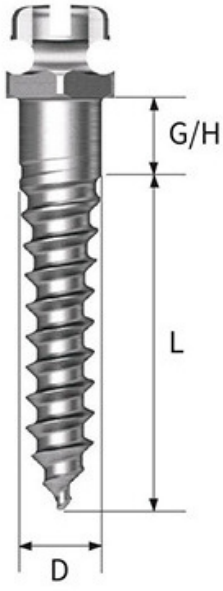
D \ L	6	8	10
Ø1.4			
G/H 1.5	OSSHS**1406**	OSSHS**1408**	
Ø1.6			
G/H 1.5	OSSHS**1606**	OSSHS**1608**	OSSHS**1610**
Ø1.8			
G/H 1.5	OSSHS**1806**	OSSHS**1808**	OSSHS**1810**

❊ Simple head



D \ L	6	8	10
Ø1.2			
G/H 1.5	OSSH**1206**	OSSH**1208**	
Ø1.4			
G/H 1.5	OSSH**1406**	OSSH**1408**	
Ø1.6			
G/H 1.5	OSSH**1606**	OSSH**1608**	OSSH**1610**
G/H 4.0	OSSH**16064**		
Ø1.8			
G/H 1.5	OSSH**1806**	OSSH**1808**	OSSH**1810**
G/H 4.0	OSSH**18064**		

❊ Bracket head



D \ L	6	8	10
Ø1.4			
G/H 1.5	OSBH**1406**	OSBH**1408**	
Ø1.6			
G/H 1.5	OSBH**1606**	OSBH**1608**	OSBH**1610**
Ø1.8			
G/H 1.5	OSBH**1806**	OSBH**1808**	OSBH**1810**