

ANCHORAGE SCREW



FDA

TFDA

GMP

CE

ISO 13458

ADM SYSTEM

Total Solution for Tooth Correction

Preface

Syntec Scientific Corporation is the leading company in Taiwan specializes in manufacturing medical implants and instruments. We will always achieve this position by professional pursuing excellence and dedicating ourselves in improving the quality and serving to all our customers.

Syntec anchorage screw provides clinicians with a fast, effective means to treat a full range of orthodontic cases, our screw are made of high strength Stainless Steel and Titanium Alloy. Variety selection of head design offer and satisfy multiple demands of orthodontist.

- Reduced anchorage demand for more control
- Surgery cases treated without surgery
- Reduced treatment time
- Greater patient comfort

亞太醫療器材科技公司為台灣領先專門生產醫療植入物和器械的公司。我們始終以專業追求卓越為己任，致力於提高質量，服務所有客戶。

錨定骨釘為臨床醫生提供了迅速更有效率的全方位的齒科病例治療。骨釘是由高強度醫療級不銹鋼和鈦合金製成，多種選擇的頭部設計提供並滿足醫生的多種需求。

- 降低錨定需求以達到可預期的效果
- 案例無需手術治療
- 有效縮短治療時間
- 提供患者較舒適的牙科治療

Anchorage Screw

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ADM SCREWS

Mostly common screw head design,
Available in both stainless and titanium materials.



常用型頭部設計骨釘，同時擁有不銹鋼及鈦合金材質。

Type A

Suitable for general coil spring.
適合一般型彈簧。



Specification	Titanium Alloy	Stainless Steel
1.5 x 8 mm	421013	221013
1.5 x 10 mm	421015	221015
1.5 x 12 mm	421017	221017
2.0 x 8 mm	421023	221023
2.0 x 10 mm	421025	221025
2.0 x 12 mm	421027	221027
2.0 x 14 mm	421029	221029
2.0 x 17 mm	421050	221050

Type D

Suitable for general coil spring & power chain.
適合一般型彈簧 & 彈性鏈圈。



Specification	Titanium Alloy	Stainless Steel
1.6 x 8 mm	J451076	J251076
1.6 x 10 mm	J451078	J251078
1.6 x 12 mm	J451080	J251080
2.0 x 8 mm	J451124	J251124
2.0 x 10 mm	J451126	J251126
2.0 x 12 mm	J451128	J251128
2.0 x 14 mm	J451130	J251130

ADM SCREWS

Mostly common screw head design,
Available in both stainless and titanium materials.
常用型頭部設計骨釘，同時擁有不銹鋼及鈦合金材質。



Type M-I

Suitable for power chain & rubber band.
適合彈性鏈圈及橡皮圈。



Specification	Titanium Alloy	Stainless Steel
1.5 x 8 mm	421511	221511
1.5 x 10 mm	421512	221512
1.5 x 12 mm	421513	221513
2.0 x 8 mm	421501	221501
2.0 x 10 mm	421502	221502
2.0 x 12 mm	421503	221503
2.0 x 14 mm	421504	221504
2.0 x 17 mm	421505	221505

Type M-II

Suitable for multiple layers of power chain.
可同時放置多條彈性鏈圈。



Specification	Titanium Alloy	Stainless Steel
1.5 x 8 mm	HL-421611	HL-221611
1.5 x 10 mm	HL-421613	HL-221613
1.5 x 12 mm	HL-421615	HL-221615
2.0 x 8 mm	HL-421651	HL-221651
2.0 x 10 mm	HL-421653	HL-221653
2.0 x 12 mm	HL-421655	HL-221655

MICRO SCREWS

微型骨釘

Small diameter of 1.3mm and 1.4mm
Suitable for interdental area.

Ø 1.3 & 1.4mm 小直徑適合植入牙根間。

Type I

Suitable for general coil spring, fit for interdental area.
適合一般型彈簧，且適用於牙根間。



Specification	Titanium Alloy	Stainless Steel
1.3 x 5 mm	421410	221410
1.3 x 7 mm	421412	221412
1.3 x 8 mm	421413	221413
1.3 x 9 mm	421414	221414
1.3 x 10 mm	421415	221415

Type V

Suitable for power chain & rubber band.
適合彈性鏈圈及橡皮圈。



Specification	Titanium Alloy	Stainless Steel
1.4 x 7 mm	421202	221202
1.4 x 8 mm	421203	221203
1.4 x 9 mm	421204	221204
1.4 x 10 mm	421205	221205

MULTI-FUNCTIONAL SCREWS

轉矩型方孔骨釘

Wire Screw with rectangular hole design.
Accommodate wires from 17x25 to 21x25

平台上特殊方形孔可放 17x25 至 21x25 線

Type FA

Suitable for general coil spring.
適合一般型彈簧。



Specification	Titanium Alloy	Stainless Steel
Ø 1.5 x 8 mm	AICD-41508	AICD-21508
Ø 1.5 x 10 mm	AICD-41510	AICD-21510
Ø 1.5 x 12 mm	AICD-41512	AICD-21512
Ø 2.0 x 8 mm	AICD-42008	AICD-22008
Ø 2.0 x 10 mm	AICD-42010	AICD-22010
Ø 2.0 x 12 mm	AICD-42012	AICD-22012
Ø 2.0 x 14 mm	AICD-42014	AICD-22014

Type FM

Suitable for power chain & rubber band.
適合彈性鏈圈及橡皮圈。



Specification	Titanium Alloy	Stainless Steel
Ø 1.5 x 8 mm	AIPD-41508	AIPD-21508
Ø 1.5 x 10 mm	AIPD-41510	AIPD-21510
Ø 1.5 x 12 mm	AIPD-41512	AIPD-21512
Ø 1.5 x 14 mm	AIPD-41514	AIPD-21514
Ø 2.0 x 8 mm	AIPD-42008	AIPD-22008
Ø 2.0 x 10 mm	AIPD-42010	AIPD-22010
Ø 2.0 x 12 mm	AIPD-42012	AIPD-22012
Ø 2.0 x 14 mm	AIPD-42014	AIPD-22014

Type FH

Suitable for both coil spring and power chain.
適合一般型彈簧及彈性鏈圈。



Specification	Titanium Alloy	Stainless Steel
Ø 1.5 x 8 mm	HK-41508-A	HK-21508-A
Ø 1.5 x 10 mm	HK-41510-A	HK-21510-A
Ø 1.5 x 12 mm	HK-41512-A	HK-21512-A
Ø 2.0 x 8 mm	HK-42008-A	HK-22008-A
Ø 2.0 x 10 mm	HK-42010-A	HK-22010-A
Ø 2.0 x 12 mm	HK-42012-A	HK-22012-A
Ø 2.0 x 14 mm	HK-42014-A	HK-22014-A

HOOK SCREWS

鉤型骨釘

Single/ Double hook head design for easier applying coil spring at molar area

單鉤 / 雙鉤型頭部設計易使彈簧勾掛在後牙區的骨釘上。

Type HS

Suitable for both coil spring and power chain.
適合一般型彈簧及彈性鏈圈。



Specification	Titanium Alloy	Stainless Steel
1.5 x 8 mm	HK-41508	HK-21508
1.5 x 10 mm	HK-41510	HK-21510
1.5 x 12 mm	HK-41512	HK-21512
2.0 x 8 mm	HK-42008	HK-22008
2.0 x 10 mm	HK-42010	HK-22010
2.0 x 12 mm	HK-42012	HK-22012

Type HD

Suitable for both coil spring and power chain.
適合一般型彈簧及彈性鏈圈。



Specification	Titanium Alloy	Stainless Steel
1.5 x 8 mm	HK-DU-41508	HK-DU-21508
1.5 x 10 mm	HK-DU-41510	HK-DU-21510
1.5 x 12 mm	HK-DU-41512	HK-DU-21512
2.0 x 8 mm	HK-DU-42008	HK-DU-22008
2.0 x 10 mm	HK-DU-42010	HK-DU-22010
2.0 x 12 mm	HK-DU-42012	HK-DU-22012

INFRA ZYGOMATIC CREST SCREW

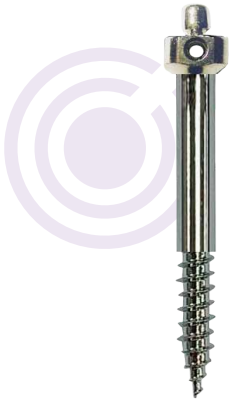
上顎半牙型骨釘

Designate for infra-zygomatic crest site, partial smooth shaft design to avoid unnecessary inflammation or injure to the thick soft tissue around the implant site.

專為上顎顴骨設計，加長光滑釘身設計可以避免厚軟組織產生不必要的發炎或傷害。

Type IZCA

Suitable for general coil spring.
適合一般型彈簧。



Specification	Titanium Alloy	Stainless Steel
Ø 2.0 x 14 mm	421029-A	221029-A
Ø 2.0 x 17 mm	421030-A	221030-A

Type IZCM

Suitable for both coil spring and power chain.
適合一般型彈簧及彈性鏈圈。



Specification	Titanium Alloy	Stainless Steel
Ø 2.0 x 14 mm	421504-A	221504-A
Ø 2.0 x 17 mm	421505-A	221505-A

BRACKET SCREW

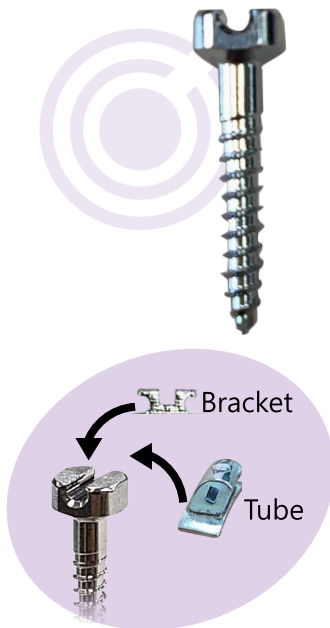
托架型骨釘

A bracket is welded on the head of screw, helping patients who have difficulties to stick brackets on their teeth.

透過骨釘頭部所焊接的矯正平台來解決病患無法貼合矯正器的困擾。

Type BR-I

Suitable for both coil spring and power chain.
適合一般型彈簧及彈性鏈圈。

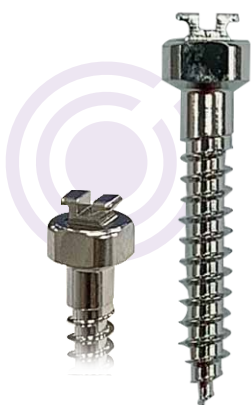


Specification	Titanium Alloy	Stainless Steel
Ø 1.5 x 7 mm	U41507	U21507
Ø 1.5 x 8 mm	U41508	U21508
Ø 1.5 x 10 mm	U41510	U21510
Ø 1.5 x 12 mm	U41512	U21512
Ø 2.0 x 8 mm	U42008	U22008
Ø 2.0 x 10 mm	U42010	U22010
Ø 2.0 x 12 mm	U42012	U22012
Ø 2.0 x 14 mm	U42014	U22014

Different bracket style can be selected and welded on the screw head.
可選擇不同的托架樣式來焊接在骨釘頭部上。

Type BR-II

Suitable for both coil spring and power chain.
適合一般型彈簧及彈性鏈圈。



Specification	Titanium Alloy	Stainless Steel
Ø 1.5 x 7 mm	DK-41507	DK-21507
Ø 1.5 x 8 mm	DK-41508	DK-21508
Ø 1.5 x 10 mm	DK-41510	DK-21510
Ø 1.5 x 12 mm	DK-41512	DK-21512
Ø 2.0 x 8 mm	DK-42008	DK-22008
Ø 2.0 x 10 mm	DK-42010	DK-22010
Ø 2.0 x 12 mm	DK-42012	DK-22012
Ø 2.0 x 14 mm	DK-42014	DK-22014

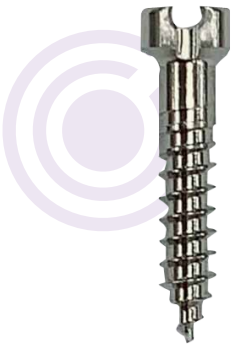
ANTERIOR SUBAPICAL SCREW

前牙專用骨釘

The closed technique of the mini-screw insertion can reduce the possibilities of soft tissue ulceration.

利用閉鎖性技術 (closed technique) 將迷你骨釘埋入在黏膜下，可避免潰瘍的可能性。

Type AS



Specification	Titanium Alloy	Stainless Steel
Ø 1.5 x 7 mm	F41507	F21507
Ø 1.5 x 8 mm	F41508	F21508
Ø 1.5 x 10 mm	F41510	F21510
Ø 1.5 x 12 mm	F41512	F21512
Ø 2.0 x 8 mm	F42008	F22008
Ø 2.0 x 10 mm	F42010	F22010
Ø 2.0 x 12 mm	F42012	F22012
Ø 2.0 x 14 mm	F42014	F22014



- 2mm vertical incision made next to the labial frenulum.
- Insert the screw at 2~3 thread then change the angle 45 degrees to the occlusal plane
- Tie the ligature wire onto the screw then inserted until imbedded under the mucosa
- Create a hook on the twisted ligature wire and place over the screw slot to avoid tissue ulceration
- Link the hook and the arch wire with power chain.

Common Size and Implant Location

Position	Location	Size
Upper	Buccal	2.0 x 10 mml
Upper	Palatal	1.6 x 10 mml
Upper/Lower	Interdental	1.4 x 8 mml
Upper/Lower	Anterior	1.6 x 8 mml
Lower	Buccal shelf	1.6 x 10 mml
Lower	Ascending ramus	2.0 x 10 mml

Feature of SYNTEC Anchorage Screw

- 1 Self-Drilling Design**
Improving the efficiency of insertion to avoid any broken tip
- 2 Smooth Neck Region**
Decreasing residue attachment and inflamed reaction
- 3 Reinforced Screw Body**
Providing larger twisting strength
- 4 Taper Thread Design**
Improving the strength of implanting to avoid screw fractures






Product Raw Materials

ZAPP

The materials used by our company

Imported **316 L** medical grade stainless steel manufacturing

Instruments and Accessories

	Item number	Description
 <p>Drill Bit 鑽頭</p>	170924	Ø 0.9 x 24.5 mm
	171127	Ø 1.1 x 27.5 mm
	171133	Ø 1.1 x 33 mm
	171527	Ø 1.5 x 27.5 mm
	172027	Ø 2.0 x 27.5 mm
	172527	Ø 2.5 x 27.5 mm
 <p>Torquing Spring 單曲簧</p>	1749-1A	M: 16 x 22 mm
	1749-1B	L : 16 x 22 mm
	1749-2A	M: 18 x 25 mm
	1749-2B	L : 18 x 25 mm
 <p>Sliding Hook 牽引鉤</p>	1750-21	2.1 mm
	1750-27	2.7 mm
	1750-40	4 mm
	1750-70	7 mm
 <p>Coil Spring(TypeA) 鎳鈦關閉式拉簧</p>	1711-09	9 mm
	1711-10	10 mm
	1711-12	12 mm
	1711-14	14 mm
 <p>Coil Spring(TypeM) 鎳鈦關閉式拉簧</p>	1712-09	9 mm
	1712-10	10 mm
	1712-12	12 mm
	1712-14	14 mm

Instruments and Accessories



Question Hook 問號鉤

Item number

Description

1751-L

Left : 7.0 mm

1751-R

Right : 7.0 mm



Multi-Sliding Hook 雙層牽引鉤

1752-L

Left : 8.5 mm

1752-R

Right : 8.5 mm



Long Blade 長柄工具

624235-50

50mm

624235-78

78mm



Blade for Engine 手機用柄工具

624245-25

25mm

624245-35

35mm



1.3/1.4mm Long Blade 長柄工具

624235-1.3mm

1.3mm, 78mm

624235-1.4mm

1.4mm, 78mm



1.3/1.4mm Blade for Engine 手機用工具

624245-1.3-25

1.3mm, 25mm

624245-1.3-35

1.3mm, 35mm







624245-1.4-25

1.4mm, 25mm

624245-1.4-35

1.4mm, 35mm

Instruments and Accessories

	Item number	Description
 <p>Rotatable Handle 旋轉握柄</p>	<p>680111-100 680111-85</p>	<p>100mm 85mm</p>
 <p>Rotatable Hand Driver 旋轉手動工具</p>	<p>624255</p>	
 <p>Hand Driver 手動工具</p>	<p>624265</p>	
 <p>Right Angled Driver 轉矩工具</p>	<p>624275</p>	
 <p>Torque Adapter 扭力限位器</p>	<p>624275-35N 624275-45N</p>	<p>(35N) (45N)</p>
 <p>Set Case 消毒盒</p>	<p>768800</p>	



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