

AV-WISELOCK

AV-WISELOCK™

Hand and Wrist - Arthrodesis System



edition
2023

 **Auxein®**

about us

Auxein Medical is an integrated, research based, orthopaedic Implants & instruments manufacturing company, producing a wide range of quality, affordable generic implants, trusted by healthcare professionals and patients across geographies. It is the Company's constant endeavor to provide a wide basket of generic and our innovator products that exceed the highest expectations of customers in term of quality and safety. The company has world-class manufacturing unit established in india and serves customers in over 75 countries worldwide.

Our Achievements



AV-WISELOCK™

2.4mm AV-Wiselock Hand and Wrist **Arthrodesis** System

2.4mm AV-Wiselock Hand & Wrist Arthrodesis System offers well-designed multidirectional and angular stable Plates enables stable fixation of the required patient specific arthrodesis of the carpal bones and wrist, respectively.

Indication

Wrist : Fractures, Osteotomies and Arthrodesis of the bones of the wrist:-

- Fusion plates.
- Arthrodesis of wrist bone.

Hand : Fractures, Osteotomies and Arthrodesis of the bones of the hand:-

- 4CF/STT plates.
- Arthrodeses of carpal bones.

Plate Features

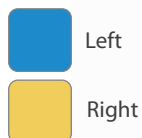
- Multi-angular stability in all directions up to $\pm 15^\circ$
- Minimal screw head protrusion due to internal locking feature.
- Introducing consistency with the 2.4mm screw diameter for operative efficiency.
- AV-Wiselock hole to facilitate axial compression.
- Ergonomic design including round edges and smooth surface while promoting soft tissue protection.
- Pre-contoured plates allowing perfect settlement and fixation on the radiocarpel and midcarpel region.
- Variety of long and short angular bends for operative ease.
- Colour coded self tapping screws (Star-Head) for better understanding of plate anatomy as per the fixation and compression.



Plates Available in

Titanium as per ISO 5832-3 and Stainless Steel as per ISO 5832-1

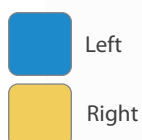
2.4mm AV-Wiselock Dorsal RSL Fusion M Plate



Titanium			
Holes	Direction	Sterile	Non-Sterile
11	Left	11-055-01TIL-S	11-055-01TIL
11	Right	11-055-01TIR-S	11-055-01TIR

Stainless Steel			
Holes	Direction	Sterile	Non-Sterile
11	Left	11-055-01SSL-S	11-055-01SSL
11	Right	11-055-01SSR-S	11-055-01SSR

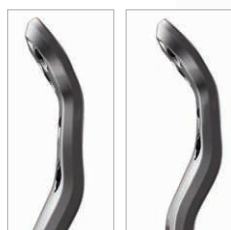
2.4mm AV-Wiselock Volar RSL Fusion M Plate



Titanium			
Holes	Direction	Sterile	Non-Sterile
10	Left	11-055-02TIL-S	11-055-02TIL
10	Right	11-055-02TIR-S	11-055-02TIR

Stainless Steel			
Holes	Direction	Sterile	Non-Sterile
10	Left	11-055-02SSL-S	11-055-02SSL
10	Right	11-055-02SSR-S	11-055-02SSR

2.4mm AV-Wiselock Wrist Fusion M Plate


 Long
bend

 Short
bend

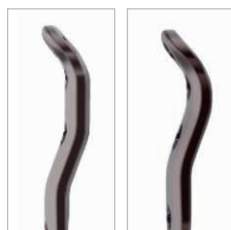

Titanium

Stainless Steel

Holes	Bend	Sterile	Non-Sterile
19	Long Bend	11-055-03TI-S	11-055-03TI
18	Short Bend	11-055-04TI-S	11-055-04TI

Holes	Bend	Sterile	Non-Sterile
19	Long Bend	11-055-03SS-S	11-055-03SS
18	Short Bend	11-055-04SS-S	11-055-04SS

2.4mm AV-Wiselock Dorsal Wrist Fusion M Plate, Radiocapitate


 Long
bend

 Short
bend

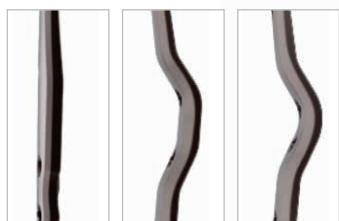

Titanium

Stainless Steel

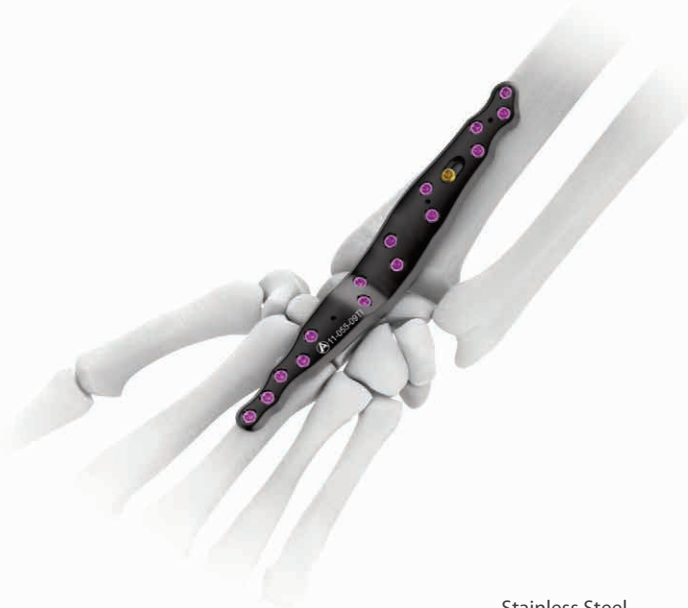
Holes	Bend	Sterile	Non-Sterile
12	Long Bend	11-055-05TI-S	11-055-05TI
12	Short Bend	11-055-06TI-S	11-055-06TI

Holes	Bend	Sterile	Non-Sterile
12	Long Bend	11-055-05SS-S	11-055-05SS
12	Short Bend	11-055-06SS-S	11-055-06SS

2.4mm AV-Wiselock Dorsal Total Wrist Fusion M Plate



Straight Plate Long bend Short bend



Titanium

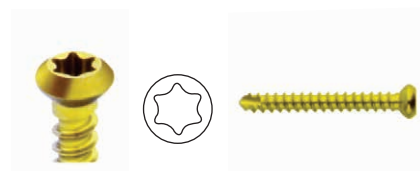
Holes	Bend	Sterile	Non-Sterile
15	Straight	11-055-07TI-S	11-055-07TI
16	Straight	11-055-08TI-S	11-055-08TI
16	Long Bend	11-055-09TI-S	11-055-09TI
16	Short Bend	11-055-10TI-S	11-055-10TI

Stainless Steel

Holes	Bend	Sterile	Non-Sterile
15	Straight	11-055-07SS-S	11-055-07SS
16	Straight	11-055-08SS-S	11-055-08SS
16	Long Bend	11-055-09SS-S	11-055-09SS
16	Short Bend	11-055-10SS-S	11-055-10SS

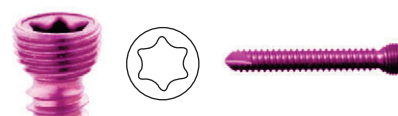
2.4mm Cortical Screw, Self-Tapping, (Star Head)

Dia	Length	Titanium		Stainless Steel	
		Sterile	Non-Sterile	Sterile	Non-Sterile
Ø2.4	8mm	TI-1144.08-S	TI-1144.08	1144.08-S	1144.08
Ø2.4	10mm	TI-1144.10-S	TI-1144.10	1144.10-S	1144.10
Ø2.4	12mm	TI-1144.12-S	TI-1144.12	1144.12-S	1144.12
Ø2.4	14mm	TI-1144.14-S	TI-1144.14	1144.14-S	1144.14
Ø2.4	16mm	TI-1144.16-S	TI-1144.16	1144.16-S	1144.16
Ø2.4	18mm	TI-1144.18-S	TI-1144.18	1144.18-S	1144.18
Ø2.4	20mm	TI-1144.20-S	TI-1144.20	1144.20-S	1144.20
Ø2.4	22mm	TI-1144.22-S	TI-1144.22	1144.22-S	1144.22
Ø2.4	24mm	TI-1144.24-S	TI-1144.24	1144.24-S	1144.24
Ø2.4	26mm	TI-1144.26-S	TI-1144.26	1144.26-S	1144.26
Ø2.4	28mm	TI-1144.28-S	TI-1144.28	1144.28-S	1144.28
Ø2.4	30mm	TI-1144.30-S	TI-1144.30	1144.30-S	1144.30
Ø2.4	32mm	TI-1144.32-S	TI-1144.32	1144.32-S	1144.32
Ø2.4	34mm	TI-1144.34-S	TI-1144.34	1144.34-S	1144.34



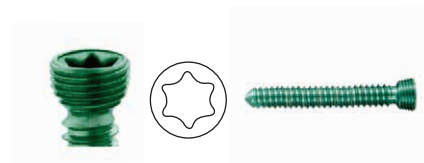
2.4mm Variable Angle Screw, Self-Tapping, (Star Head)

Dia	Length	Titanium		Stainless Steel	
		Sterile	Non-Sterile	Sterile	Non-Sterile
Ø2.4	8mm	TI-549.008-S	TI-549.008	549.008-S	549.008
Ø2.4	10mm	TI-549.010-S	TI-549.010	549.010-S	549.010
Ø2.4	12mm	TI-549.012-S	TI-549.012	549.012-S	549.012
Ø2.4	14mm	TI-549.014-S	TI-549.014	549.014-S	549.014
Ø2.4	16mm	TI-549.016-S	TI-549.016	549.016-S	549.016
Ø2.4	18mm	TI-549.018-S	TI-549.018	549.018-S	549.018
Ø2.4	20mm	TI-549.020-S	TI-549.020	549.020-S	549.020
Ø2.4	22mm	TI-549.022-S	TI-549.022	549.022-S	549.022
Ø2.4	24mm	TI-549.024-S	TI-549.024	549.024-S	549.024
Ø2.4	26mm	TI-549.026-S	TI-549.026	549.026-S	549.026
Ø2.4	28mm	TI-549.028-S	TI-549.028	549.028-S	549.028
Ø2.4	30mm	TI-549.030-S	TI-549.030	549.030-S	549.030
Ø2.4	32mm	TI-549.032-S	TI-549.032	549.032-S	549.032
Ø2.4	34mm	TI-549.034-S	TI-549.034	549.034-S	549.034



2.4mm Wise-Lock Screw, Self-Tapping, (Star Head)

Dia	Length	Titanium		Stainless Steel	
		Sterile	Non-Sterile	Sterile	Non-Sterile
Ø2.4	8mm	TI-1145.08-S	TI-1145.08	1145.08-S	1145.08
Ø2.4	10mm	TI-1145.10-S	TI-1145.10	1145.10-S	1145.10
Ø2.4	12mm	TI-1145.12-S	TI-1145.12	1145.12-S	1145.12
Ø2.4	14mm	TI-1145.14-S	TI-1145.14	1145.14-S	1145.14
Ø2.4	16mm	TI-1145.16-S	TI-1145.16	1145.16-S	1145.16
Ø2.4	18mm	TI-1145.18-S	TI-1145.18	1145.18-S	1145.18
Ø2.4	20mm	TI-1145.20-S	TI-1145.20	1145.20-S	1145.20
Ø2.4	22mm	TI-1145.22-S	TI-1145.22	1145.22-S	1145.22
Ø2.4	24mm	TI-1145.24-S	TI-1145.24	1145.24-S	1145.24
Ø2.4	26mm	TI-1145.26-S	TI-1145.26	1145.26-S	1145.26
Ø2.4	28mm	TI-1145.28-S	TI-1145.28	1145.28-S	1145.28
Ø2.4	30mm	TI-1145.30-S	TI-1145.30	1145.30-S	1145.30



1312-01

Depth Gauge measuring upto 60mm


1312-02

T-Handle With Quick Coupling


1312-03-15

Retractor, 15mm


1312-04-1.8

Drill Bit with Quick Coupling End, Ø1.8mm x Length 140mm


1312-05-2.0

Drill Bit with Quick Coupling End, Ø2.0mm x Length 140mm


1312-06-2.4

Drill Bit with Quick Coupling End, Ø2.4mm x Length 140mm



1312-07-2.7

Drill Bit with Quick Coupling End, Ø2.7mm x Length 140mm


1312-08-1.2

Guide Wire, Ø1.2mm x Length 150mm


1312-09-1.2

Guide Wire With Threaded Tip, Ø1.2mm x Thread Length 5mm x Length 150mm


1312-10-2.4

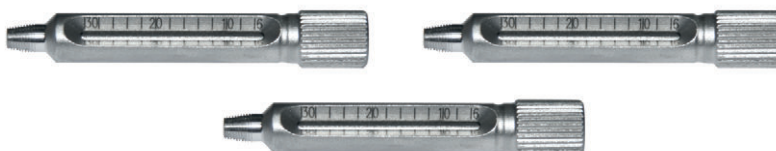
Tap, HA 2.4mm


1312-11-2.7

Tap, HA 2.7mm


1312-13-1.8

Threaded Drill Sleeve, Ø1.8/2.4mm (Double Start Thread)



1312-15 Self-Centering Double Drill Guide $\Phi 1.8/2.4$ mm



1312-16 Self-Centering Double Drill Guide $\Phi 2.0/2.7$ mm



1312-17 Depth Gauge with Protector measuring upto 50mm



1312-18 Star Screwdriver Shaft, T8



1312-21 Torque Limiting Attachment, 0.8Nm



7-019-03 Handle for Torque Limiting Attachment



1312-22-6.5

Retractor, 6.5mm


1312-23

Double Periosteal Elevator, Round


1312-24

Double Periosteal Elevator, Flat


1312-25

Reduction Forcep with Points, Small


1312-26

Reduction Forcep with Points, Large


1312-27

Reduction Forcep with Points, Serrated



1312-28

Bending Forcep


1312-30

Universal Variable Angle Drill Guide, Ø1.8mm


1312-20-2.7

Screw Holding Sleeve for 2.7mm Cortical Screw


1312-20-2.4

Screw Holding Sleeve for 2.4mm Cortical Screw


1312-30-2.4

Screw Holding Sleeve for 2.4mm Wise-lock Screw


1312-22

Quick Coupling Handle



1312-29

Sharp Hook


1312-31

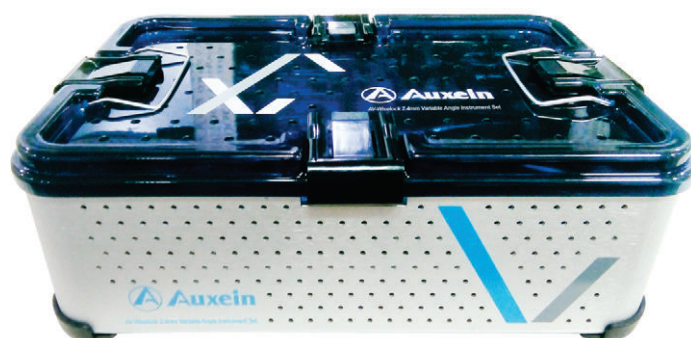
Screwdriver Star Head


1312-35

Instrument trays for 2.4mm AV-Wiselock Distal Radius Instrument Set


1312-34

Container for 2.4mm AV-Wiselock Distal Radius Instrument



1312-000 2.4mm AV-Wiselock Distal Radius Instrument Set



Code	Set Consisting of	Units
1312-01	Depth Gauge measuring upto 60mm	1
1312-02	T-Handle With Quick Coupling	1
1312-03-15	Retractor, 15mm	1
1312-04-1.8	Drill Bit with Quick Coupling End, Ø1.8mm x Length 140mm	3
1312-05-2.0	Drill Bit with Quick Coupling End, Ø2.0mm x Length 140mm	2
1312-06-2.4	Drill Bit with Quick Coupling End, Ø2.4mm x Length 140mm	1
1312-07-2.7	Drill Bit with Quick Coupling End, Ø2.7mm x Length 140mm	1
1312-08-1.2	Guide Wire, Ø1.2mm x Length 150mm	5
1312-09-1.2	Guide Wire With Threaded Tip, Ø1.2mm x Thread Length 5mm x Length 150mm	2
1312-10-2.4	Tap, HA 2.4mm	1
1312-11-2.7	Tap, HA 2.7mm	1
1312-13-1.8	Threaded Drill Sleeve, Ø1.8/2.4mm (Double Start Thread)	3
1312-15	Self-Centering Double Drill Guide Ø1.8/2.4mm	1
1312-16	Self-Centering Double Drill Guide Ø2.0/2.7mm	1
1312-17	Depth Gauge with Protector measuring upto 50mm	1
1312-18	Star Screwdriver Shaft, T8	2
1312-21	Torque Limiting Attachment, 0.8Nm	1
7-019-03	Handle for Torque Limiting Attachment	1
1312-22-6.5	Retractor, 6.5mm	1
1312-23	Double Periosteal Elevator, Round	1
1312-24	Double Periosteal Elevator, Flat	1
1312-25	Reduction Forcep with Points, Small	1
1312-26	Reduction Forcep with Points, Large	1
1312-27	Reduction Forcep with Points, Serrated	1
1312-28	Bending Forcep	2
1312-30	Universal Variable Angle Drill Guide, Ø1.8mm	1
1312-20-2.7	Screw Holding Sleeve for 2.7mm Cortical Screw	1
1312-20-2.4	Screw Holding Sleeve for 2.4mm Cortical Screw	1
1312-30-2.4	Screw Holding Sleeve for 2.4mm Wise-lock Screw	1
1312-22	Quick Coupling Handle	1
1312-29	Sharp Hook	1
1312-31	Screwdriver Star Head	1
1312-35	Instrument trays for 2.4mm AV-Wiselock Distal Radius Instrument Set	2
1312-34	Container for 2.4mm AV-Wiselock Distal Radius Instrument	1

Implant Box Optional

1312-33	Implant Box with cover for 2.4mm Variable Angle Distal Radius system	1
10-050	Implant Box with cover for 2.4mm Variable Angle Volar Rim Distal Radius System	1
11-051	Implant Box with cover for 2.4mm AV-Wiselock Distal Radius Dorsal & Extra-Articular System	1
11-077	Implant Box with cover for 2.4mm AV-Wiselock Hand and Wrist - Arthrodesis System	1

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