Introduction

Zener was started in 2008 by some pioneers of the modern orthopedic implant industry in China and overseas. They all have more than ten years of experience on medical device industry and believe developing simple solutions for difficult problems is the best way for people’s healthy life.

Devoted to using our innovative products to keep everyone well during their long happy life, with different product line such as orthopedic implants, surgical staplers and wound care system, we believe good products should benefit every patient, no matter where they are around the world. We aim to being responsible for human health at the very beginning, which means product quality is what we are focused in all the time.

As we all know, trust is important. Patients count on doctors to provide them with safe, high-quality medical care. Zener’s well-manufactured implants and instruments support orthopedic surgeons’ work around the world. Working in continuous dialogue with experienced and highly respected users, we develop sophisticated modular solutions for a wide range of complex issues. We work side by side with surgeons to achieve our primary goal: maximum patient well-being.
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**CLAVICLE LOCKING PLATE**

11.107.32
S-clavicle Locking Plate II
- Clavicular shaft fracture

11.107.34
Clavicle Hook Locking Plate
- Acromial end fracture (Neer II)
- Acromioclavicular joint dislocation (Tossy III)

**HUMERUS LOCKING PLATE**

11.307.00
Humerus Locking Plate
- Humeral shaft fracture

11.307.18
Distal Medial Humerus Locking Plate
- Distal medial humeral fracture
- Humeral supracondylar fracture
- Humeral nonunions

11.307.19
Distal Lateral Humerus Locking Plate I
- Distal lateral humeral fracture
- Humeral supracondylar fracture
- Humeral nonunions

11.307.19
Distal Lateral Humerus Locking Plate II
- Distal lateral humeral fracture
- Humeral supracondylar fracture
- Humeral nonunions

**PLATE**

11.102.04
Narrow Limited Contact Dynamic Compression Plate
- Humeral shaft fracture

**NAIL**

11.306.47
Xperts Humerus Nail
- Proximal humeral fracture
- Humeral shaft fracture
ULNA & RADIUS

VARIABLE SERIES

15.307.31
Distal Radius Volar Locking Compression Plate (VA)
- Distal radialis fracture

2.4 / 2.7MM SERIES

11.109.01
Distal Radius Volar Juxta-articular Locking Compression Plate III
- Distal radialis fracture

11.109.02
Distal Radius Volar Extra-articular Compression Locking Plate (4 Head Holes)
- Distal radialis fracture

11.109.03
Distal Radius Volar Column Locking Compression Plate
- Distal radialis fracture
- Osteoporotic or comminuted fracture

11.109.04
Distal Radius Dorsal Locking Compression Plate (T-shaped)
- Distal radialis fracture with dorsal approach

11.109.05
Distal Radius Dorsal Locking Compression Plate (Oblique L-shaped)
- Distal radialis fracture with dorsal approach

11.109.05
Distal Radius Dorsal Locking Compression Plate (L-shaped)
- Distal radialis fracture with dorsal approach

11.109.05
Distal Radius Dorsal Locking Compression Plate (Small L-shaped)
- Distal radialis fracture with dorsal approach

11.109.06
Distal Radius Dorsal Radiocarpal Locking Compression Plate
- Distal radialis fracture

11.109.07
Distal Radius T-shaped Locking Compression Plate (Extra-long)
- Distal radialis fracture with shaft fracture

15.307.13
Proximal Radius Locking Plate
- Proximal radialis fracture
2.5 / 3.5MM SERIES

15.307.01
Ulna & Radius Locking Compression Plate
- Ulnar shaft fracture
- Radialis shaft fracture

15.307.17
Olecranon Locking Compression Plate
- Proximal lateral ulnar fracture

11.107.09
Distal Radius Volar Locking Plate I
- Distal radius acromion fracture

11.107.09
Distal Medial Radius Locking Compression Plate (YAP)
- Distal radialis volar fracture

Plate

11.102.04
Narrow Limited Contact Dynamic Compression Plate
- Ulna shaft volar fracture
- Radialis shaft fracture

11.102.26
Small Plate (T-shaped)
- Distal radialis fracture

11.102.27
Small Plate (Oblique T-shaped)
- Distal radialis fracture

HAND&WRIST
MINI LOCKING PLATE (1.5MM)

11.110.21
Locking Plate (Y-shaped)
- Metacarpal fracture
- Phalangeal fracture

11.110.22
Locking Plate I (Y-shaped)
- Metacarpal fracture
- Phalangeal fracture

11.110.23
Straight Locking Compression Plate I
- Metacarpal fracture
- Phalangeal fracture

11.110.24
Reconstruction Locking Plate II
- Metacarpal fracture
- Phalangeal fracture

11.110.25
Locking Plate (T-shaped, 3 Head Holes)
- Metacarpal fracture
- Phalangeal fracture
MINI LOCKING PLATE(2.0MM)

11.110.36
Locking Compression Plate (Y-shaped)
- Hand and foot fracture

11.110.37
Locking Compression Plate I (Y-shaped)
- Hand and foot fracture

11.110.38
Locking Compression Plate II (Y-shaped)
- Hand and foot fracture

11.110.39
Locking Compression Plate (T-shaped, 2 Head Holes)
- Hand and foot fracture

11.110.40
Reconstruction Locking Compression Plate
- Hand and foot fracture

11.110.41
Straight Locking Compression Plate
- Hand and foot fracture

11.110.42
Distal Ulna Locking Compression Plate (Hook Type)
- Distal ulnar fracture

11.110.01
Reconstruction Plate
- Hand and foot fracture

11.110.02
Rectangular Grill Plate
- Foot fracture

MINI LOCKING PLATE(2.4MM)

11.110.66
Locking Compression Plate (Y-shaped)
- Hand and foot fracture

11.110.67
Locking Compression Plate I (Y-shaped)
- Hand and foot fracture

11.110.68
Locking Compression Plate (T-shaped, 2 Head Holes)
- Hand and foot fracture

11.110.68
Locking Compression Plate (T-shaped, 3 Head Holes)
- Hand and foot fracture
### 1.5mm MINI PLATE (PHALANGE)

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<td>L-phalange Plate</td>
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### 2.0mm MINI PLATE (METACARPAL)

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<td>Straight Metacarpal Plate</td>
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<td>11.103.06</td>
<td>T-metacarpal Plate</td>
<td>Metacarpal fracture</td>
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### FAST LOCKING PLATE

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<td>FAST Mini Locking Plate (High-strength)</td>
<td>Fresh fracture of the non-weight-bearing bone</td>
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<td>FAST Mini Locking Plate (High-flexibility)</td>
<td>Fresh fracture of the non-weight-bearing bone</td>
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### HEADLESS HOLLOW COMPRESSION SCREW

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<td>Sword Headless Hollow Compression Screw(HB2.5 / 3.5 / 4.5)</td>
<td>Hand, foot, wrist, ankle, pelvic fracture</td>
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11.105.49  
Sagiters Double Head Hollow Compression Screw(HB2.5 / 3.0)
- Hand, food, wrist, ankle, pelvis fracture

**PELVIC LOCKING PLATE**

11.107.04  
Reconstruction Locking Plate I
- Pelvic fracture

11.107.43  
Curved Reconstruction Locking Plate
- Pelvic fracture

**PLATE**

11.102.07  
Reconstruction Plate
- Pelvic fracture

11.102.08  
Curved Reconstruction Plate
- Pelvic fracture

**FEMUR**

**DHS**

11.107.47  
Dynamic Hip Screw Locking Compression Plate
- Femoral trochanter fracture

11.104.01  
Dynamic Hip Screw Plate
- Femoral trochanter fracture

**DCS**

11.107.48  
Dynamic Condylar Screw Locking Compression Plate
- Femoral condylar fracture

**LOCKING PLATE**

15.307.03  
Femur Locking Compression Plate
- Femoral shaft fracture

15.307.22  
Distal Lateral Femur (Condylar) Locking Compression Plate
- Distal lateral femoral (condylar) fracture

**OSTEOTOMY PLATE**

11.109.31  
Distal Femur Osteotomy Locking Compression Plate I (20°)
- Open and closed wedge osteotomy of distal lateral femur

11.109.32  
Distal Femur Osteotomy Locking Compression Plate II (30°)
- Open and closed wedge osteotomy of distal lateral femur
LISS

15.307.22
Distal Lateral Femur (Condylar)
Locking Compression Plate (LISS)
- Distal lateral femoral (condylar) fracture

PLATE

11.102.06
Wide Limited Contact Dynamic Compression Plate
- Femoral shaft fracture

11.102.48
Distal Lateral Femur (Condylar) Plate II
- Distal lateral femoral (condylar) fracture

11.106.03
Gemini GAMMA Intramedullary Nail
- Pertrochanteric fracture
- Intertrochanteric fracture
- High subtrochanteric fracture

11.106.04
Universal Flexible Retrograde Nail

11.106.07/11.106.16
GAMMA Intramedullary Nail II (PFNA)
- Pertrochanteric fracture
- Intertrochanteric fracture
- High subtrochanteric fracture

11.106.15
Extra-long GAMMA Intramedullary Nail II (PFNA)
- Low and extended subtrochanteric fracture
- Ipsilateral trochanteric fracture
- Combination fractures (in the proximal femur)
- Pathological fracture

11.106.37
Xperts Femur Intramedullary Nail
- Femoral shaft fracture

PEDiATRIC HIP PLATE

11.199.04
Pediatric Hip Locking Plate
- Pediatrics (2-16 years)
- Coxa varus
- Coxa valgus
- Developmental Dysplasia of the Hip (DDH)
- Proximal femoral fractures

11.106.03
Gemini GAMMA Intramedullary Nail
- Pertrochanteric fracture
- Intertrochanteric fracture
- High subtrochanteric fracture

11.106.37
Xperts Femur Intramedullary Nail
- Femoral shaft fracture
TIBIA&FIBULA

LOCKING PLATE(3.5MM)

15.307.26
Locking Compression Plate III (T-shaped)
- Medial tibial plateau fracture

15.307.49
Proximal Posterior Medial Tibia Locking Compression Plate
- Medial tibial plateau fracture

11.107.37
Distal Lateral Tibia Locking Compression Plate
- Distal tibial fracture

15.307.27
Locking Compression Plate III (L-shaped)
- Medial tibial plateau fracture

15.307.24
Distal Medial Tibia Locking Compression Plate II
- Distal tibial fracture

15.307.48
Distal Medial Tibia Locking Compression Plate I
- Distal tibial fracture

11.107.15
Distal Lateral Fibula Locking Compression Plate
- Distal lateral fibular fracture

15.307.40
Distal Posterior Lateral Fibula Locking Compression Plate
- Distal fibular fracture

LOCKING PLATE(5.0MM)

15.307.02
Tibia Locking Compression Plate
- Tibial shaft fracture

15.307.23
Proximal Lateral Tibia Locking Compression (Golf)
- Medial tibial plateau fracture

11.107.39
Proximal Lateral Tibia Locking Compression Plate III
- Proximal tibial fracture

15.307.26
Locking Compression Plate IV (T-shaped)
- Medial tibial plateau fracture

15.307.27
Locking Compression Plate IV (L-shaped)
- Medial tibial plateau fracture
OSTEOTOMY PLATE

11.109.33
Proximal Medial Tibia Osteotomy Locking Compression Plate
- Open and closed wedge osteotomy of proximal medial tibia

LISS

15.307.23
Proximal Lateral Tibia Locking Compression Plate (LISS)
- Proximal tibial fracture

PLATE

11.102.09
One Third Tubular Plate
- Fibular fracture

11.102.11
Tibia Plate (T-shaped)
- Proximal medial tibial plateau fracture

11.102.05
Wide Limited Contact Dynamic Compression Plate
- Tibial shaft fracture

11.102.32
Distal Lateral Tibia Plate
- Distal lateral tibial fracture

11.102.37
Distal Lateral Fibula Plate
- Distal lateral fibular fracture

11.102.12
Tibia Plate (L-shaped)
- Proximal tibial plateau fracture

11.102.49
Proximal Lateral Tibia Plate (Golf)
- Proximal tibial shaft fracture

11.109.33
Proximal Medial Tibia Osteotomy Locking Compression Plate
- Open and closed wedge osteotomy of proximal medial tibia

NAIL

11.102.32
Tibial Intramedullary Nail (Professional X Series)
- Distal lateral tibial fracture
ANKLE LOCKING PLATE

11.108.13
Hollow Tibia Osteotomy Plate
- Medial tibial osteoectomy of teenager and adult bowlegs and bandy legs

11.108.14
Anterior Ankle Fusion Plate
- Fusion surgery for chronic traumatic deformity correction, rheumatoid arthritis and ankle instability

FOOT LOCKING PLATE

FOOT

11.108.00
Distal First Metatarsal Osteotomy Plate
- Medium and severe forefoot Hallux limitus corrective osteotomies

11.108.01
Metatarsophalangeal Joint Fusion Plate I
- Fusion surgery for severe hallux limitus of the first ray
- Rheumatoid arthritis, chronic traumatic deformity correction
- Periodic joint instability

11.108.02
Metatarsophalangeal Joint Fusion Plate II
- Fusion surgery for severe hallux limitus of the first ray
- Rheumatoid arthritis, chronic traumatic deformity correction
- Periodic joint instability

11.108.05
Hollow Cuboid Osteotomy Plate
- Flat feet corrective osteotomies

11.108.06
Metatarsal Cuneiform Joint Dorsal Plate
- Fusion surgery for medium or severe hallux limitus of the first ray
- Metatarsus overlength movement disorder
- Lisfranc and lisfranc fracture with dislocation, and listanc arthritis

11.108.07
First Metatarsal Cuneiform Joint Medial Plate
- Fusion surgery for medium or severe hallux limitus of the first ray
- Metatarsus overlength movement disorder
- Lisfranc and lisfranc fracture with dislocation, and listanc arthritis

11.108.08
Second Metatarsal Cuneiform Joint Dorsal Plate
- Multi-joints osteotomies and fusion surgery for talipes cavus, flat feet, plantar arch collapse reconstruction
- Chronic traumatic deformity correction
- Rheumatoid arthritis on the dorsal side of the foot arches
11.107.30
Calcaneus Locking Plate
- Calcaneal fracture

11.108.09
Lisfrance Fusion Plate
- Multi-joints osteotomies and fusion surgery for talipes cavus, flat feet, plantar arch collapse reconstruction
- Chronic traumatic deformity correction
- Rheumatoid arthritis on the dorsal side of the foot arches

11.108.10
Muller Weiss Plate
- Multi-joints osteotomies and fusion surgery for talipes cavus, flat feet, plantar arch collapse reconstruction
- Chronic traumatic deformity correction
- Rheumatoid arthritis on the dorsal side of the foot arches

11.108.11
Talonavicular Joint Fusion Plate
- Fusion surgery for chronic traumatic deformity correction
- Rheumatoid arthritis and ankle instability

MINI LOCKING PLATE(1.5MM)
MINI LOCKING PLATE(2.0MM)
MINI LOCKING PLATE(2.4MM)
FAST LOCKING PLATE
CALCANEAL LOCKING PLATE

11.107.30
Calcaneus Locking Plate
- Calcaneal fracture

11.102.39
Calcaneus Plate I
- Calcaneal fracture

11.102.40
Calcaneus Plate II
- Calcaneal fracture

11.102.41
Calcaneus Plate III
- Calcaneal fracture

HOLLOW COMPRESSION SCREW

11.105.38 / 39 / 40/ 41 / 46
Headless Hollow Compression Screw(HB2.5 / 3.5 / 4.0 / 5.0 / 6.5)

11.105.49
Sagiters Double Head Hollow Compression Screw(HB2.5 / 3.0/ 4.5 / 6.5)

Same as P3
Same as P4
Same as P4-P5
Same as P5

PLATE

11.105.49
Sagiters Double Head Hollow Compression Screw(HB2.5 / 3.0/ 4.5 / 6.5)

Same as P6

Same as P5

Same as P5
**CERVICAL PLATE**

11.111.24
Mercury Anterior Cervical Plate
- Instability and Slipping caused by trauma

11.111.01
Venus Laminoplasty Plate
- Instability and Slipping caused by trauma

**TITANIUM MESH**

15.179.07.010 / 012 / 014
Little Giant Cervical Ti Mesh
- Lumpectomy
- Tuberculous spondylotomy
- Lumpectomy for 2 or more segments of cervical spondylosis
- Complete or partial removal of the vertebral body for other reasons

**CAGE**

11.616.21
Neptune Anterior Cervical Plate
- Instability and Slipping caused by trauma

**LUMBAR Z MIS SERIES**

11.112.70
Z MIS Mono Pedicle Screw
- Dislocation and fracture of spines

11.112.71
Z MIS Poly Pedicle Screw
- Dislocation and fracture of spines

11.112.72
Mini Invasive Fixing Rod (Straight)
- Dislocation and fracture of spines

11.112.73
Mini Invasive Fixing Rod (Curved)
- Dislocation and fracture of spines

11.102.73
Snap-off Setscrew
- Dislocation and fracture of spines

11.113.24
Setscrew
- Dislocation and fracture of spines
Z 5 SERIES

11.113.61
Z 5 Pedicle Screw IV (Mono)
- Dislocation and fracture of spines

11.113.62
Z 5 Pedicle Screw IV (Poly)
- Dislocation and fracture of spines

11.113.63
Z 5 Pedicle Screw VIII (Long Mono)
- Dislocation and fracture of spines

11.113.64
Z 5 Pedicle Screw VIII (Long Poly)
- Dislocation and fracture of spines

11.113.14
Z 5 Pedicle Screw VIII (Long Mono)
- Dislocation and fracture of spines

11.113.34
Z 5 Pedicle Screw VIII (Long Poly)
- Dislocation and fracture of spines

11.113.33
Z 5 Pedicle Screw VIII (Long Mono)
- Dislocation and fracture of spines

Z 6 SERIES

11.114.70
Z 6 Pedicle Screw III (Mono)
- Dislocation and fracture of spines

11.114.69
Z 6 Pedicle Screw II (Poly)
- Dislocation and fracture of spines

11.114.71
Z 6 Pedicle Screw VI (Long Mono)
- Dislocation and fracture of spines

11.114.72
Z 6 Pedicle Screw V (Long Poly)
- Dislocation and fracture of spines

11.114.12
Fixing Rod IV
- Dislocation and fracture of spines

11.114.34
Transverse Connector IV
- Dislocation and fracture of spines
11.114.33
Transverse Connector III
- Dislocation and fracture of spines

TITANIUM MESH

15.179.07.016 / 018 / 020 / 025
Hercules Lumbar Ti Mesh
- Lumpectomy
- Tuberculous spondylotomy
- Lumpectomy for 2 or more segments of cervical spondylosis
- Complete or partial removal of the vertebral body for other reasons

CAGE

11.616.31
Galaxy Lumbar Intervertebral Fusion Cage
- Dislocation and fracture of spines

11.616.02
Neptune Lumbar Intervertebral Fusion Cage
- Dislocation and fracture of spines