

# zener



**5.5**<sup>TM</sup>  
**5.5 Series**

## Advantage

- Optimized fracture design, won't irritate the soft tissue.
- Flexible angle can be adjusted for intraoperative adjustment.
- Increased ball head's diameter & surface texture improve the friction.
- Double-line variable pitch, enhance the resistance.
- Taper thread makes screw stronger and avoid break.
- Negative angle design structure, accuracy is higher, sliding teeth risk is lower.

# IMPLANTS



**Short Mono-axial Screw  
(Titanium)**



**Short Poly-axial Screw  
(Titanium)**

| Product Code  | Diameter(mm) | Length(mm) |
|---------------|--------------|------------|
| 11.113.65.130 | φ4.5         | 25mm       |
| 11.113.65.135 |              | 30mm       |
| 11.113.65.140 |              | 35mm       |
| 11.113.65.145 |              | 40mm       |
| 11.113.65.150 |              | 50mm       |
| 11.113.65.155 |              | 55mm       |
| 11.113.65.230 | φ5.0         | 30mm       |
| 11.113.65.235 |              | 35mm       |
| 11.113.65.240 |              | 40mm       |
| 11.113.65.245 |              | 45mm       |
| 11.113.65.250 |              | 50mm       |
| 11.113.65.255 |              | 55mm       |
| 11.113.65.330 | φ5.5         | 30mm       |
| 11.113.65.335 |              | 35mm       |
| 11.113.65.340 |              | 40mm       |
| 11.113.65.345 |              | 45mm       |
| 11.113.65.350 |              | 50mm       |
| 11.113.65.355 |              | 55mm       |
| 11.113.65.430 | φ6.0         | 30mm       |
| 11.113.65.435 |              | 35mm       |
| 11.113.65.440 |              | 40mm       |
| 11.113.65.445 |              | 45mm       |
| 11.113.65.450 |              | 50mm       |
| 11.113.65.455 |              | 55mm       |
| 11.113.65.460 |              | 60mm       |
| 11.113.65.465 |              | 65mm       |
| 11.113.65.530 | φ6.5         | 30mm       |
| 11.113.65.535 |              | 35mm       |
| 11.113.65.540 |              | 40mm       |
| 11.113.65.545 |              | 45mm       |
| 11.113.65.550 |              | 50mm       |
| 11.113.65.555 |              | 55mm       |
| 11.113.65.560 |              | 60mm       |
| 11.113.65.565 |              | 65mm       |
| 11.113.65.630 | φ7.0         | 30mm       |
| 11.113.65.635 |              | 35mm       |
| 11.113.65.640 |              | 40mm       |
| 11.113.65.645 |              | 45mm       |
| 11.113.65.650 |              | 50mm       |
| 11.113.65.655 |              | 55mm       |
| 11.113.65.660 |              | 60mm       |
| 11.113.65.665 |              | 65mm       |

| Product Code  | Diameter(mm) | Length(mm) |
|---------------|--------------|------------|
| 11.113.67.130 | φ4.5         | 30mm       |
| 11.113.67.135 |              | 35mm       |
| 11.113.67.140 |              | 40mm       |
| 11.113.67.145 |              | 45mm       |
| 11.113.67.230 |              | φ5.0       |
| 11.113.67.235 | 35mm         |            |
| 11.113.67.240 | 40mm         |            |
| 11.113.67.245 |              | 45mm       |
| 11.113.67.330 | φ5.5         | 30mm       |
| 11.113.67.335 |              | 35mm       |
| 11.113.67.340 |              | 40mm       |
| 11.113.67.345 |              | 45mm       |
| 11.113.67.350 |              | 50mm       |
| 11.113.67.430 | φ6.0         | 30mm       |
| 11.113.67.435 |              | 35mm       |
| 11.113.67.440 |              | 40mm       |
| 11.113.67.445 |              | 45mm       |
| 11.113.67.450 |              | 50mm       |
| 11.113.67.455 |              | 55mm       |
| 11.113.67.530 | φ6.5         | 30mm       |
| 11.113.67.535 |              | 35mm       |
| 11.113.67.540 |              | 40mm       |
| 11.113.67.545 |              | 45mm       |
| 11.113.67.550 |              | 50mm       |
| 11.113.67.555 |              | 55mm       |
| 11.113.67.630 | φ7.0         | 30mm       |
| 11.113.67.635 |              | 35mm       |
| 11.113.67.640 |              | 40mm       |
| 11.113.67.645 |              | 45mm       |
| 11.113.67.650 |              | 50mm       |
| 11.113.67.655 | 55mm         |            |



**Long Mono-axial Screw  
(Titanium)**

| Product Code  | Diameter(mm) | Length(mm) |
|---------------|--------------|------------|
| 11.113.66.130 | φ4.5         | 25mm       |
| 11.113.66.135 |              | 30mm       |
| 11.113.66.140 |              | 35mm       |
| 11.113.66.145 |              | 40mm       |
| 11.113.66.150 |              | 50mm       |
| 11.113.66.155 | 55mm         |            |
| 11.113.66.230 | φ5.0         | 30mm       |
| 11.113.66.235 |              | 35mm       |
| 11.113.66.240 |              | 40mm       |
| 11.113.66.245 |              | 45mm       |
| 11.113.66.250 |              | 50mm       |
| 11.113.66.255 | 55mm         |            |
| 11.113.66.330 | φ5.5         | 30mm       |
| 11.113.66.335 |              | 35mm       |
| 11.113.66.340 |              | 40mm       |
| 11.113.66.345 |              | 45mm       |
| 11.113.66.350 |              | 50mm       |
| 11.113.66.355 | 55mm         |            |
| 11.113.66.430 | φ6.0         | 30mm       |
| 11.113.66.435 |              | 35mm       |
| 11.113.66.440 |              | 40mm       |
| 11.113.66.445 |              | 45mm       |
| 11.113.66.450 |              | 50mm       |
| 11.113.66.455 | 55mm         |            |
| 11.113.66.460 | 60mm         |            |
| 11.113.66.465 | 65mm         |            |
| 11.113.66.530 | φ6.5         | 30mm       |
| 11.113.66.535 |              | 35mm       |
| 11.113.66.540 |              | 40mm       |
| 11.113.66.545 |              | 45mm       |
| 11.113.66.550 |              | 50mm       |
| 11.113.66.555 | 55mm         |            |
| 11.113.66.560 | 60mm         |            |
| 11.113.66.565 | 65mm         |            |
| 11.113.66.630 | φ7.0         | 30mm       |
| 11.113.66.635 |              | 35mm       |
| 11.113.66.640 |              | 40mm       |
| 11.113.66.645 |              | 45mm       |
| 11.113.66.650 |              | 50mm       |
| 11.113.66.655 | 55mm         |            |
| 11.113.66.660 | 60mm         |            |
| 11.113.66.665 | 65mm         |            |



**Long Poly-axial Screw  
(Titanium)**

| Product Code  | Diameter(mm) | Length(mm) |
|---------------|--------------|------------|
| 11.113.68.130 | φ4.5         | 30mm       |
| 11.113.68.135 |              | 35mm       |
| 11.113.68.140 |              | 40mm       |
| 11.113.68.145 |              | 45mm       |
| 11.113.68.230 |              | φ5.0       |
| 11.113.68.235 | 35mm         |            |
| 11.113.68.240 | 40mm         |            |
| 11.113.68.245 | 45mm         |            |
| 11.113.68.330 | φ5.5         | 30mm       |
| 11.113.68.335 |              | 35mm       |
| 11.113.68.340 |              | 40mm       |
| 11.113.68.345 |              | 45mm       |
| 11.113.68.350 |              | 50mm       |
| 11.113.68.430 | φ6.0         | 30mm       |
| 11.113.68.435 |              | 35mm       |
| 11.113.68.440 |              | 40mm       |
| 11.113.68.445 |              | 45mm       |
| 11.113.68.450 |              | 50mm       |
| 11.113.68.455 | 55mm         |            |
| 11.113.68.530 | φ6.5         | 30mm       |
| 11.113.68.535 |              | 35mm       |
| 11.113.68.540 |              | 40mm       |
| 11.113.68.545 |              | 45mm       |
| 11.113.68.550 |              | 50mm       |
| 11.113.68.555 | 55mm         |            |
| 11.113.68.630 | φ7.0         | 30mm       |
| 11.113.68.635 |              | 35mm       |
| 11.113.68.640 |              | 40mm       |
| 11.113.68.645 |              | 45mm       |
| 11.113.68.650 |              | 50mm       |
| 11.113.68.655 | 55mm         |            |



**Transverse Connector I  
(Titanium)**

| Product Code  | Length(mm) |
|---------------|------------|
| 11.113.33.060 | 60mm       |
| 11.113.33.065 | 65mm       |
| 11.113.33.070 | 70mm       |
| 11.113.33.075 | 75mm       |
| 11.113.33.080 | 80mm       |



**Transverse Connector II  
(Titanium)**

| Product Code  | Length(mm) |
|---------------|------------|
| 11.113.34.060 | 60mm       |
| 11.113.34.065 | 65mm       |
| 11.113.34.070 | 70mm       |



**Fixing Rod II  
(Titanium)**

| Product Code  | Length(mm) |
|---------------|------------|
| 11.113.14.050 | 50mm       |
| 11.113.14.060 | 60mm       |
| 11.113.14.070 | 70mm       |
| 11.113.14.080 | 80mm       |
| 11.113.14.090 | 90mm       |
| 11.113.14.100 | 100mm      |
| 11.113.14.110 | 110mm      |
| 11.113.14.120 | 120mm      |
| 11.113.14.130 | 130mm      |
| 11.113.14.140 | 140mm      |
| 11.113.14.150 | 150mm      |
| 11.113.14.160 | 160mm      |
| 11.113.14.170 | 170mm      |
| 11.113.14.180 | 180mm      |
| 11.113.14.190 | 190mm      |
| 11.113.14.200 | 200mm      |
| 11.113.14.300 | 300mm      |
| 11.113.14.400 | 400mm      |
| 11.113.14.500 | 500mm      |

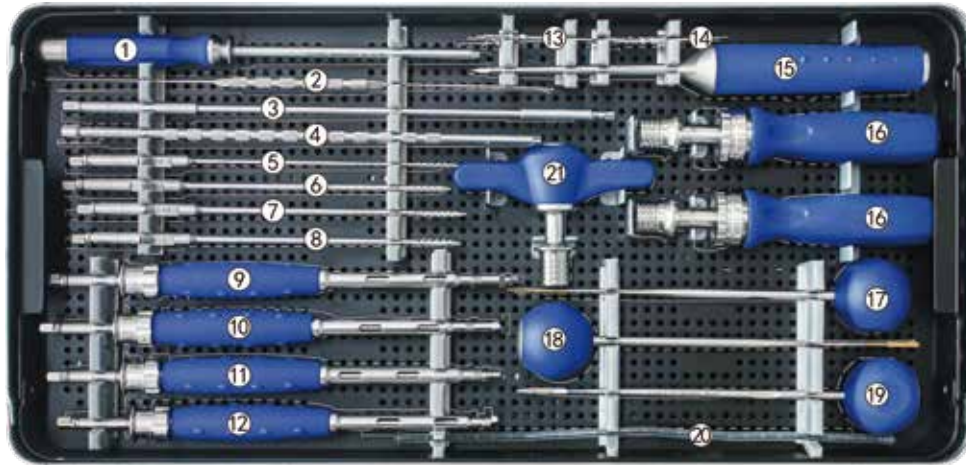


**Setscrew III  
(Titanium)**

| Product Code  | Diameter(mm) | Length(mm) |
|---------------|--------------|------------|
| 11.113.69.000 | /            | /          |

# INSTRUMENTS

## 00.150.2799901 Z5 Spinal System Instrument Set



TRAY 1

| Item NO. | Product Code | Instrument Name                       | Specification | Quantity |
|----------|--------------|---------------------------------------|---------------|----------|
| 1        | 00.150.27006 | Loction pin screwdriver               |               | 1        |
| 2        | 00.150.23303 | Double head straight holt probe       |               | 1        |
| 3        | 00.150.27017 | Torque handle                         | T28-1         | 1        |
| 4        | 00.150.27018 | Plug screwdriver                      | SW6.35/T28-1  | 2        |
| 5        | 00.150.27009 | Tap                                   | ∅4.5          | 1        |
| 6        | 00.150.27010 | Tap                                   | ∅5.5          | 1        |
| 7        | 00.150.27011 | Tap                                   | ∅6.5          | 1        |
| 8        | 00.150.27012 | Tap                                   | ∅7.0          | 1        |
| 9        | 00.150.27034 | Screwdriver for M9 multi-axial screws | Long          | 1        |
| 10       | 00.150.27035 | Screwdriver for M9 multi-axial screws | Long          | 1        |
| 11       | 00.150.27014 | Screwdriver for M9 mono-axial screws  | Short         | 1        |
| 12       | 00.150.27015 | Screwdriver for M9 mono-axial screws  | Short         | 1        |
| 13       | 00.150.27008 | Ball locating pin                     |               | 4        |
| 14       | 00.150.27007 | Column locating pin                   |               | 4        |
| 15       | 00.150.27046 | Awl                                   |               | 1        |
| 16       | 00.150.33023 | Ratchet handle                        |               | 2        |
| 17       | 00.150.27004 | Straight guide for awl                | ∅2.5          | 1        |
| 18       | 00.150.27002 | Straight guide for awl                | ∅3.2          | 1        |
| 19       | 00.150.07003 | Curved guide for awl                  | ∅3.5          | 1        |
| 20       | 00.150.28109 | Template                              | 30cm          | 1        |
| 21       | 00.150.27016 | Quickcoupling handle (T)              |               | 1        |

## 00.150.2799901 Z5 Spinal System Instrument Set



TRAY 2

| Item NO. | Product Code | Instrument Name                   | Specification | Quantity |
|----------|--------------|-----------------------------------|---------------|----------|
| 22       | 00.150.27039 | Reduction screw breaker           | Ø5.5          | 1        |
| 23       | 00.150.27025 | Rod pusher                        | Ø5.5/6.5      | 1        |
| 24       | 00.150.27053 | Torque wrench                     | 10N.m         | 1        |
| 25       | 00.150.22024 | Transverse connection forceps     | Square Head   | 1        |
| 26       | 00.150.23015 | Rod holder                        | Ø5.5/6.0      | 1        |
| 27       | 00.150.27029 | Screwdriver for self-break screws | SW6.35        | 1        |
| 28       | 00.150.27030 | Plug take out screwdriver         |               | 1        |
| 29       | 00.150.26017 | Rod bender                        | Ø5.5/6.0      | 1        |
| 30       | 00.150.27024 | Sagittal in situ rod bender       | Ø5.5, L       | 1        |
| 31       | 00.150.27023 | Sagittal in situ rod bender       | Ø5.5, R       | 1        |
| 32       | 00.150.27028 | Counter guide spanner             | Ø5.5          | 1        |
| 33       | 00.150.27033 | Rotating connecting rod spanner   | SW5.0         | 1        |

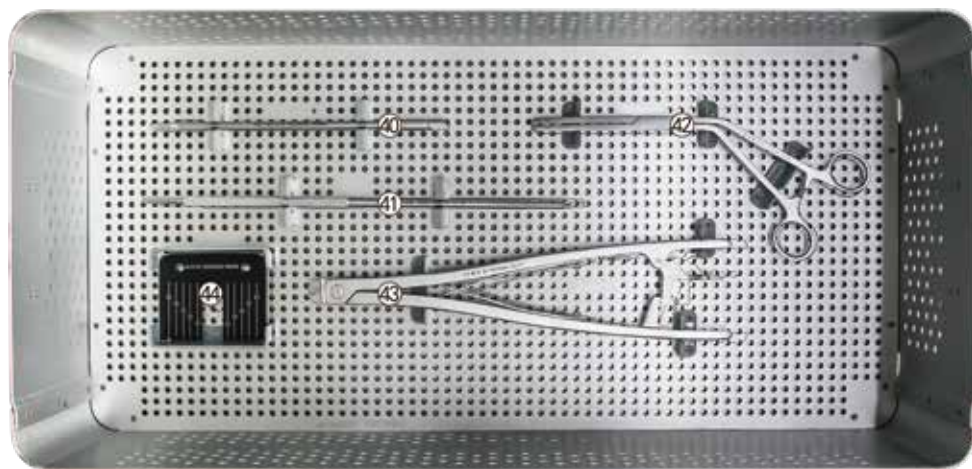
## 00.150.2799901 Z5 Spinal System Instrument Set



TRAY 3

| Item NO. | Product Code | Instrument Name                    | Specification | Quantity |
|----------|--------------|------------------------------------|---------------|----------|
| 34       | 00.150.27026 | Collinear reduction forceps        | Ø5.5          | 1        |
| 35       | 00.150.26003 | Torque wrench                      |               | 1        |
| 36       | 00.150.27032 | Curved distracting forceps         | Ø5.5/6.0      | 1        |
| 37       | 00.150.27031 | Curved pressure forceps            | Ø5.5/6.0      | 1        |
| 38       | 00.150.27038 | Swing forceps for reduction screws | Ø5.5          | 1        |
| 39       | 00.1502.7027 | Swing forceps                      | Ø5.5          | 1        |

# 00.150.279901 Z5 Spinal System Instrument Set



TRAY 4

| Item NO. | Product Code | Instrument Name                     | Specification | Quantity |
|----------|--------------|-------------------------------------|---------------|----------|
| 40       | 00.150.27043 | Transverse connection screwdriver   | SW3.5         | 1        |
| 41       | 00.150.02209 | Plug screwdriver                    | SW3.5/T28     | 1        |
| 42       | 00.150.27045 | Transverse connection forceps (3.0) |               | 1        |
| 43       | 00.150.27040 | Rod rotating clamp                  | Ø5.5          | 1        |
| 44       | 00.150.27042 | Transverse connection gauge         |               | 1        |
| 45       | 00.150.27100 | Instrument case                     |               | 1        |



|              |              |   |       |   |
|--------------|--------------|---|-------|---|
| 46(Optional) | 00.150.23306 | Hexagonal screwdriver for oblate transverse connector | SW4.5 | 1 |
| 47(Optional) | 00.150.27052 | Counter guide spanner(Spin)                           | Ø5.5  | 1 |