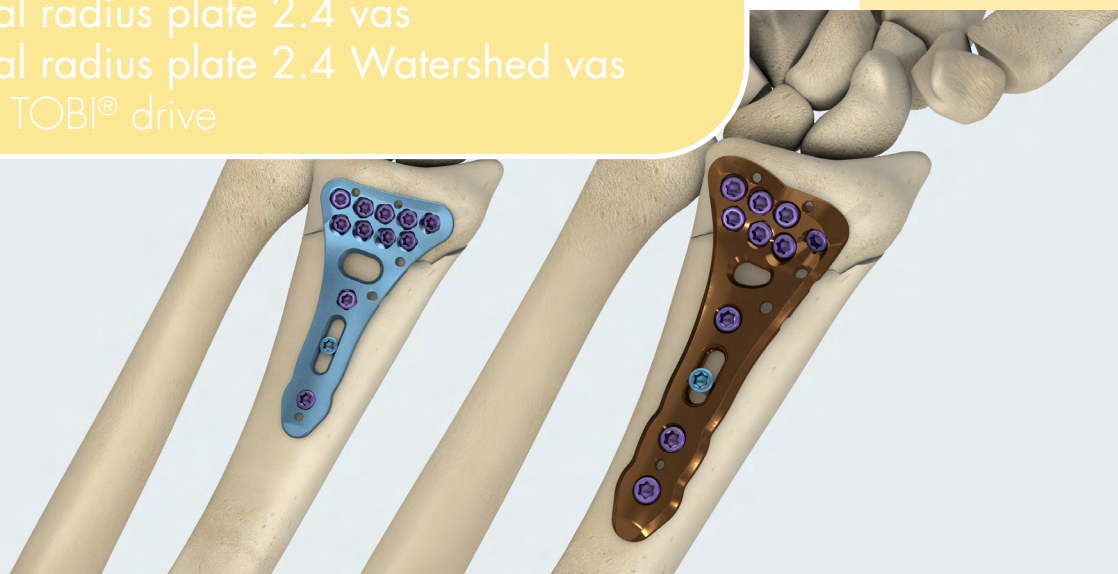
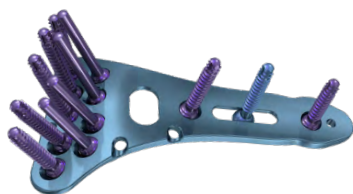


# RADIUS PLATES 2.4

Distal radius plate 2.4 vas  
Distal radius plate 2.4 Watershed vas  
with TOBI® drive



TOBI



Distal radius plate 2.4 vas narrow;  
Width 23 mm; titanium

5.08173.02	7/2 holes; 46 mm; left	
5.08173.03	7/3 holes; 55 mm; left	
5.08173.04	7/4 holes; 63 mm; left	
5.08173.06	7/6 holes; 80 mm; left	
5.08173.08	7/8 holes; 97 mm; left	
5.08173.10	7/10 holes; 114 mm; left	
5.08173.12	7/12 holes; 131 mm; left	
5.08273.02	7/2 holes; 46 mm; right	
5.08273.03	7/3 holes; 55 mm; right	
5.08273.04	7/4 holes; 63 mm; right	
5.08273.06	7/6 holes; 80 mm; right	
5.08273.08	7/8 holes; 97 mm; right	
5.08273.10	7/10 holes; 114 mm; right	
5.08273.12	7/12 holes; 131 mm; right	

Distal radius plate 2.4 vas broad;  
Width 28 mm; titanium

5.08193.02	9/2 holes; 46 mm; left	
5.08193.03	9/3 holes; 55 mm; left	
5.08193.04	9/4 holes; 63 mm; left	
5.08193.06	9/6 holes; 80 mm; left	
5.08193.08	9/8 holes; 97 mm; left	
5.08193.10	9/10 holes; 114 mm; left	
5.08193.12	9/12 holes; 131 mm; left	
5.08293.02	9/2 holes; 46 mm; right	
5.08293.03	9/3 holes; 55 mm; right	
5.08293.04	9/4 holes; 63 mm; right	
5.08293.06	9/6 holes; 80 mm; right	
5.08293.08	9/8 holes; 97 mm; right	
5.08293.10	9/10 holes; 114 mm; right	
5.08293.12	9/12 holes; 131 mm; right	



Distal radius plate 2.4 Watershed vas narrow;  
Width 23 mm; titanium

5.08373.03	7/3 holes; 50 mm; left	
5.08373.04	7/4 holes; 59 mm; left	
5.08473.03	7/3 holes; 50 mm; right	
5.08473.04	7/4 holes; 59 mm; right	

## All the advantages at a glance

- Angle-stable and/or variable angle-stable holes in the plate head for secure fixation of bone fragments
- Different plate versions for left and right
- If the curvature of the angle-stable radius plate deviates from the individual anatomical form or if the plate is not centred, the variable angle stable screw joint still provides options for treatment
- The minimised plate thickness of 1.8 mm causes less irritation to the soft tissues
- Anatomically optimised screw position for fixing the styloid process
- Flattened plate end so the plate can be introduced with minimum damage to tissue
- Suture fixation holes enable fixation of the pronator quadratus directly to the plate for remodelling and better blood circulation in the dorsal distal radius and improvement of pronation capability and strength.
- Different plate versions for individual treatment
- Innovative thread design in the plate hole for improved screw locking
- Optimised thread geometry in the screw shaft
- Pin with head thread – can be used optionally for fracture support in the second row
- Variable angle-stable holes enable the optional use of standard screws or Ø 2.4 mm angle-stable cortical screws with TOBI® drive
- Integrated plate opening for reduction of intra-articular fragments and filling of bone defects with cancellous bone or bone substitute material
- Anatomically configured Watershed version with steeper palmar work angle for placing below the Watershed line and protecting the flexor and extensor tendons of the distal radius
- Optimised drive in tried and tested screw design
- Self-retaining function improves the user-friendliness of the system
- The screwdriver's self-retaining function improves the user-friendliness of the system
- Redesigned screwdriver handle for more comfortable use

## Target group

- The treatment with a variable angle stable radius plate 2.4 is for adult patients.
- There are no restrictions with regard to selected ethnic groups. The potential patient clientele is only limited by anatomical parameters.

Device name	Radius 2.4 vas	Radius 2.4 vas Watershed
Item no.	7 head holes: 5.08173.XX / 5.08273.XX 9 head holes: 5.08193.XX / 5.08293.XX	7 head holes: 5.08373.XX / 5.08473.XX
Material	Pure titanium	
Surface	Anodised	
Colour	Blue-green	Bronze
Type of screwing	Variable angle-stable	
Number of head holes	7 head holes narrow 9 head holes broad	7 head holes
Plate length	46 mm to 131 mm	50 mm and 59 mm
Number of shaft holes	2-12 shaft holes	3 and 4 shaft holes
Plate thickness	1.8 mm	
Broad head	23 mm (narrow) 28 mm (broad)	23 mm
Broad shaft	10 mm	10 mm
Side orientation	Plates for right and left sides	
Anatomically adapted plate shape	1) Flattened plate head 2) Screw path for handling the styloid process with up to 3 screws	1) Design in accordance with the Watershed line with steeper palmar work angle 2) Ulnar flattening of plate
Hole geometry	Variable angle-stable holes in the head area and first shaft hole	Variable angle-stable holes in the head and shaft area
Elongated hole in the shaft	Facilitates alignment of the plate with the bone	
Further support in the second row of screws	Optional use of pins with head thread	
K-wire holes	For Ø 1.5 mm	
Fascia refixation holes	For refixing pronator quadratus muscle	
Plate opening	for the reduction of intra-articular fragments and filling of defects with cancellous bone or bone replacement material	
Plate end	Flattened plate end for insertion of the plate with minimum damage to tissue	
Screws	Ø 2.4 mm angle-stable cortical screws and standard with TOBI® drive	
	Ø 1.8 mm angle-stable pin with TOBI® drive	

# Set distal radius plate 2.4 vas with TOBI® drive



Item no. 5.08173.04



Item no. 5.08193.04



Item no. 5.08273.04






Item no. 5.08293.04



Set no. 19.117.20 **TOBI**

Item no.	Item description	Quantity
<b>Implants - plates</b>		
<b>Variable angle-stable distal radius plates 2.4; titanium</b>		
5.08173.03	Distal radius plate 2.4; 7/3 holes; 23x55 mm; narrow; vas; left	1
5.08173.04	Distal radius plate 2.4; 7/4 holes; 23x63 mm; narrow; vas; left	1
5.08273.03	Distal radius plate 2.4; 7/3 holes; 23x55 mm; narrow; vas; right	1
5.08273.04	Distal radius plate 2.4; 7/4 holes; 23x63 mm; narrow; vas; right	1
5.08193.03	Distal radius plate 2.4; 9/3 holes; 28x55 mm; broad; vas; left	1
5.08193.04	Distal radius plate 2.4; 9/4 holes; 28x63 mm; broad; vas; left	1
5.08293.03	Distal radius plate 2.4; 9/3 holes; 28x55 mm; broad; vas; right	1
5.08293.04	Distal radius plate 2.4; 9/4 holes; 28x63 mm; broad; vas; right	1
<b>Instruments</b>		
2.904.33	Drill bit for QC; Ø1.8x105; Spiral length 30; double spiral	1
2.953.24	Gauge with clasp for Ø 2.4 screws; measuring range 60	1
2.9778.24	Angle-stable drill guide for drill 1.8 scaled; TOBI® drive B8; L 44; stainless steel	2
2.9286.08	Screwdriver for TOBI® drive B8 PPSU handle; L 187	1
10.500.24	Combi drill guide with handle for screwing 2.4, L 45	1
<b>Wires</b>		
6.031.15	Kirschner wire with trocar point and round end; Ø 1.5 mm x 150 mm; stainless steel	5
<b>Perforated container</b>		
19.118.20	Perforated container with insert for instruments and implants for 2.4 radius set	1

Item no.	Item description	Quantity
<b>Implants - screws</b>		
<b>Cortical screws Ø 2.4 mm with TOBI® drive; fully threaded; self tapping; titanium</b>		 <b>TOBI</b>
3.2224.12	Length 12 mm	5
3.2224.14	Length 14 mm	5
3.2224.16	Length 16 mm	5
3.2224.18	Length 18 mm	5
3.2224.20	Length 20 mm	5
<b>Angle-stable cortical screws Ø 2.4 mm with TOBI® drive; fully threaded; self tapping; titanium</b>		 <b>TOBI</b>
3.2124.12	Length 12 mm	5
3.2124.14	Length 14 mm	5
3.2124.16	Length 16 mm	5
3.2124.18	Length 18 mm	5
3.2124.20	Length 20 mm	5
3.2124.22	Length 22 mm	5
3.2124.24	Length 24 mm	5
3.2124.26	Length 26 mm	5
3.2124.28	Length 28 mm	5
<b>Angle-stable pins Ø 1.8 mm with TOBI® drive; titanium</b>		 <b>TOBI</b>
3.2324.16	Length 16 mm	3
3.2324.18	Length 18 mm	3
3.2324.20	Length 20 mm	3
3.2324.22	Length 22 mm	3
3.2324.24	Length 24 mm	3
3.2324.26	Length 26 mm	3
3.2324.28	Length 28 mm	3

**Note:** For the screws with TOBI® drive B8, only the corresponding screwdriver with the appropriate blade for TOBI® drive B8 (Item no. 2.9286.08) may be used.

# Set distal radius plate 2.4 Watershed vas with TOBI® drive



Item no. 5.08473.03



Item no. 5.08473.04



Item no. 5.08373.03





Item no. 5.08373.04




Set no. 19.117.30 **TOBI**

Item no.	Item description	Quantity
<b>Implants – Plates</b>		
<b>Distal radius plate 2.4 Watershed vas narrow; titanium</b>		
5.08373.03	7/3 holes; 23 x 50 mm; left	1
5.08373.04	7/4 holes; 23 x 59 mm; left	1
5.08473.03	7/3 holes; 23 x 50 mm; right	1
5.08473.04	7/4 holes; 23 x 59 mm; right	1

<b>Implants – Screws</b>		
<b>Cortical screws Ø 2.4 mm with TOBI® drive; fully threaded; self tapping; titanium</b>		
 <b>TOBI</b>		
3.2224.12	Length 12 mm	5
3.2224.14	Length 14 mm	5
3.2224.16	Length 16 mm	5
3.2224.18	Length 18 mm	5
3.2224.20	Length 20 mm	5

<b>Angle-stable cortical screws Ø 2.4 mm with TOBI® drive; fully threaded; self tapping; titanium</b>		
 <b>TOBI</b>		
3.2124.12	Length 12 mm	5
3.2124.14	Length 14 mm	5
3.2124.16	Length 16 mm	5
3.2124.18	Length 18 mm	5
3.2124.20	Length 20 mm	5
3.2124.22	Length 22 mm	5
3.2124.24	Length 24 mm	5
3.2124.26	Length 26 mm	5
3.2124.28	Length 28 mm	5

Item no.	Item description	Quantity
<b>Implants – Pins</b>		
<b>Angle-stable pins Ø 1.8 mm with TOBI® drive; titanium</b>		
 <b>TOBI</b>		
3.2224.12	Length 16 mm	3
3.2224.14	Length 18 mm	3
3.2224.16	Length 20 mm	3
3.2224.18	Length 22 mm	3
3.2224.20	Length 24 mm	3
3.0324.26	Length 26 mm	3
3.0324.28	Length 28 mm	3

<b>Instruments</b>		
2.904.33	Drill bit for QC; Ø 1.8 x 105 mm; Spiral length 30; double spiral	1
2.953.24	Gauge with clasp for Ø 2.4 screws; measuring range 60	1
2.9778.24	Angle-stable drill guide for drill 1.8 scaled; TOBI® drive B8; L 44; stainless steel	2
2.9286.08	Screwdriver for TOBI® drive B8 PPSU handle; L 187	1
10.500.24	Combi drill guide with handle for screwing 2.4; L 45	1

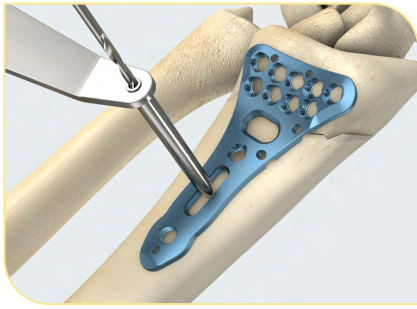
<b>Wires</b>		
6.031.15	Kirschner wire with trocar point and round end; Ø 1.5 x 150 mm; stainless steel	5

<b>Perforated container</b>		
19.118.20	Perforated container with insert for instruments/implants for 2.4 radius set	1

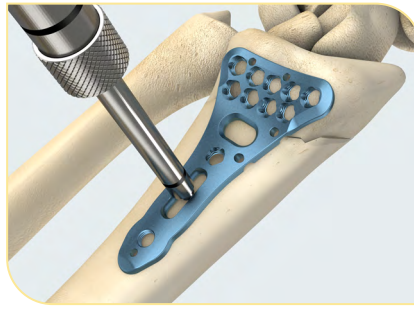
**Note:** For the screws with TOBI® drive B8, only the corresponding screwdriver with the appropriate blade for TOBI® drive B8 (Item no. 2.9286.08) may be used.

# Implantation of the distal radius plate 2.4 vas

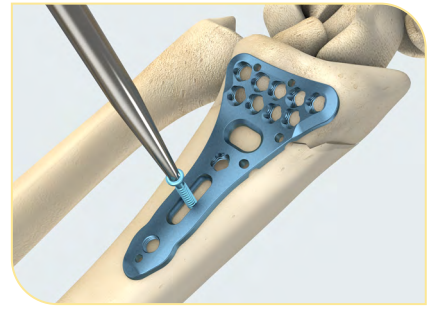
Implantation of the distal radius plate 2.4 Watershed vas is performed in the same way as implantation of the distal radius plate 2.4 vas.



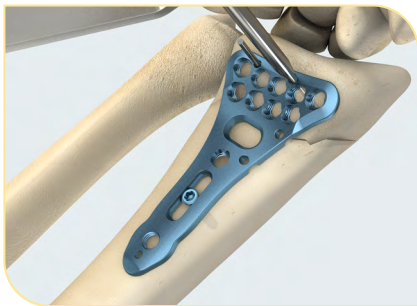
Standard drilling



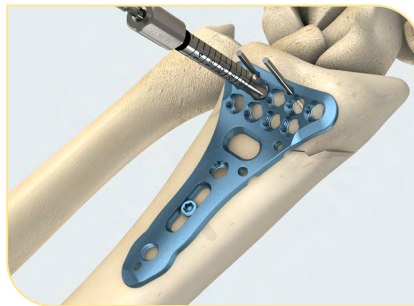
Length measurement



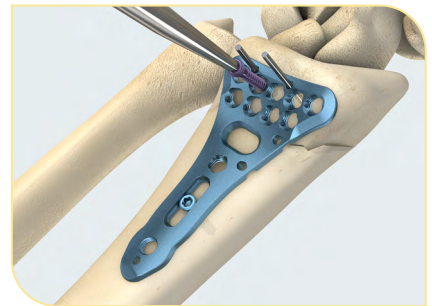
Insert screw



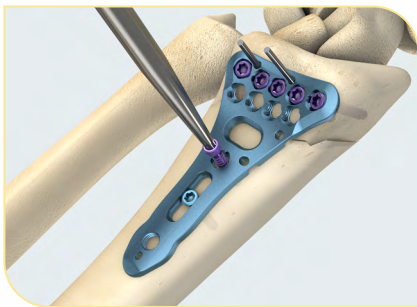
Temporary fixation with K-wires in the head



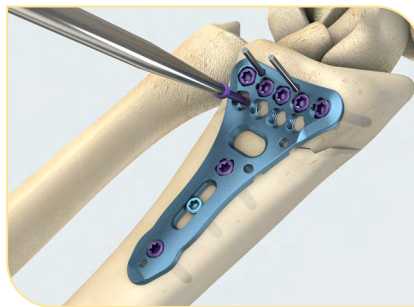
Angle-stable drilling



Measure length and insert screw



Insert shaft screws



2nd row of screws, optionally with pins



Implanted plate

## Contact us



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This document is neither a substitute for surgical instructions nor for professional instruction in the use of the product. Detailed information can be found at <https://ksi.online-ifu.com>

CE 0197

### RADIUS PLATES 2.4

Distal radius plate 2.4 vas

Distal radius plate 2.4 Watershed vas

with TOBI® drive

StZi | Edition 02 | 2024-03

