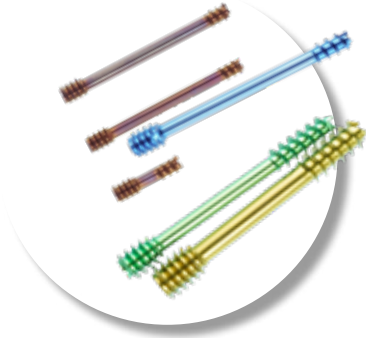


# LeiCOM Cannulated Compression Bone Screws



## Titanium Compression Bone Screw Systems for small animals

The LeiCOM Cannulated Compression Bone Screws create compression through different thread pitches at the head of the screw and at the distal thread of the screw. Available in Micro, Mini, Medium and Maxi sizes, our compression screws offer a solution for every need - from small to large breeds.



## Titanium: Best Biocompatibility

Unique Titanium Alloy makes our compression screws very durable but lightweight. Titanium is also highly biocompatible and has low temperature sensitiveness.



## Improved Accuracy and Optimized Positioning

All screws are cannulated to allow placement over a guidewire ensuring better accuracy before drilling or screw insertion. Using cannulated screws adopts the principles of interfragmentary screw fixation and aims to optimize screw position.



## Various Applications

The LeiCOM Cannulated Compression Bone Screws can be used for corrective osteotomies, fracture fixations, distal femur, humeral condyle, degenerative changes in small bone, and non-unions.

## LeiStar Compression Screws

All of our cannulated compression screws have LeiStar screwheads, which allows for better tightening torque compared to other screwheads. The screwdriver shaft is self-holding and keeps the screws firmly on the driver.





# LEICOM CANNULATED COMPRESSION SCREWS

## Surgical Protocol

### Application

The RITA LEIBINGER LeiCOM Cannulated Compression Screws have the versatility to be utilized either as standalone implants or with K-Wires.

### Indications

Fractures, corrective osteotomy, pseudoarthrosis, degenerative bone changes, fractures of the humeral condyle, fractures of the distal femur.

### Surgical Technique



**1**  
Temporary fixation using a K-Wire (guide wire).



**2**  
The RITA LEIBINGER LeiCOM Compression Screws are self-tapping. However, in case of thick cortical bone, we recommend drilling to the core diameter to make it easier to insert the compression screw. Drill over the K-Wire with the cannulated twist drill.



**3**  
To ensure optimal insertion of the screw/thread head, use of the cannulated screw head countersink is recommended.



**4**  
The screw length is determined using the screw depth gauge over the K-wire into the bone.

**IMPORTANT:** To prevent the counter cortex from breaking through, the next smaller screw length is recommended.



**5**  
The compression screw is placed over the guide wire using the cannulated screwdriver shaft.



**6**  
CHECK: Neither the thread head nor the screw tip should protrude from the bone.

**7**  
Remove the K-Wire.



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**veterinary.shop**



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See Workshops und Online Courses at our Academy Page.

**academy.leibinger.vet**

**NEW**

### LeiCOM Combi Set

All sizes of our Titanium Cannulated Compression Bone Screws - 2.4/3.1 Micro, 3.0/3.9 Mini, 4.0/5.0 Medi and 5.0/6.0 Maxi - plus essential instruments **in one compact set**.

### LeiCOM Cannulated Compression Screws Combi Set - 2.4 - 6.0 Micro to Maxi

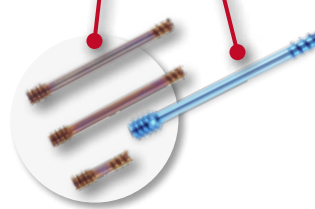
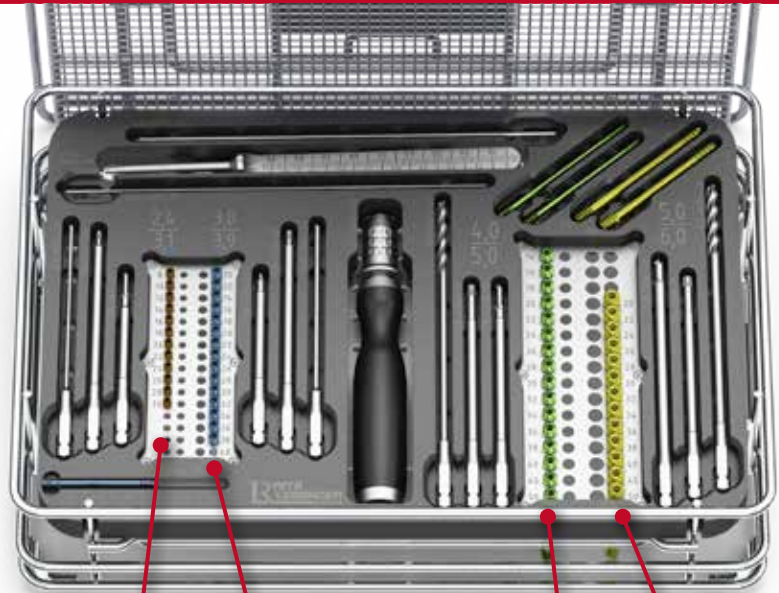
Contains:

- 1 LEICOM Compression Screws Set Tray with Lid
- 1 of each LEICOM Compression Screws (Micro 2.4/3.1, 8-30mm // Mini 3.0/3.9, 10-40mm // Medi 4.0/5.0, 14-60mm // Maxi 5.0/6.0, 20-60mm // 61 total)
- 1 Screwdriver Handle
- 1 of each Screwdriver Shaft T6 & T8, cannulated (2.4 & 3.0mm)
- 1 of each Screwdriver Shaft T10 & T15, cannulated (4.0 & 5.0mm)
- 1 of each Screw Head countersink, cannulated (2.4 & 3.0mm)
- 1 of each Screw Head countersink, cannulated (4.0 & 5.0mm)
- 1 of each Drill Bit (Ø 1.8mm, 2.3mm, 2.7mm & 3.8mm)
- 1 Screw Depth Gauge
- K-Wires (Ø 0.9mm x 150mm, Ø 1.5mm x 150mm)

**244-2460-00**

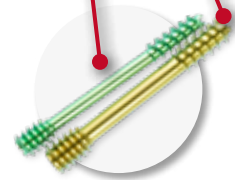
Tray without contents

**244-2460-10**



**2.4/3.1 LeiCOM Micro**  
8mm - 30mm in length

**3.0/3.9 LeiCOM Mini**  
10mm - 40mm in length



**4.0/5.0 LeiCOM Medi**  
14mm - 60mm in length

**5.0/6.0 LeiCOM Maxi**  
20mm - 60mm in length



### FEATURED CASE

#### SCAPULA FRACTURE TREATMENT WITH A RAPID PATELLA LUXATION PLATE & LEICOM COMPRESSION SCREW

Read about an interesting case of a 9-year-old Old English Bulldog with a complex multifragment fracture of the scapula.

This case was shared with us courtesy of Dr. Johannes Frahm, Dr. Dominik Wilke, and the wonderful team of Wasbek Veterinary Clinic in Germany.

Read the full story at:  
[www.leibinger.vet/blog](http://www.leibinger.vet/blog)



**LeiCOM Cannulated  
Compression Screws Set -  
2.4 / 3.1 Micro & 3.0 / 3.9 Mini**

Contains:

- 1 LEICOM Compression Screws Set Tray with Lid
- 1 of each LEICOM Compression Screws  
(Micro 2.4, 8-14mm & 24-30mm // Mini 3.0,  
10-18mm & 32-40mm // 18 total)
- 2 of each LEICOM Compression Screws  
(Micro 2.4, 16-22 // Mini 3.0, 20-30mm // 20 total)
- 1 Screwdriver Handle
- 1 of each Screwdriver Shaft T6 & T8,  
cannulated (2.4 & 3.0mm)
- 1 of each Screw Head countersink,  
cannulated (2.4 & 3.0mm)
- 1 of each Drill Bit (Ø 1.8mm & 2.3mm)
- 5 K-Wires (Ø 0.9mm x 150mm)



**244-2439-00**

Tray without contents

**244-2439-10**

**2.4 LeiCOM Micro Compression Screw**

Cannulated Bone Screw 2.4 x 3.1 mm, Titanium  
LeiStar, self-tapping, self-drilling

**3.0 LeiCOM Mini Compression Screw**

Cannulated Bone Screw 3.0 x 3.9 mm, Titanium  
LeiStar, self-tapping, self-drilling



Length (mm)	Product Code
08	244-2431-08
10	244-2431-10
12	244-2431-12
14	244-2431-14
16	244-2431-16
18	244-2431-18
20	244-2431-20
22	244-2431-22
24	244-2431-24
26	244-2431-26
28	244-2431-28
30	244-2431-30

Length (mm)	Product Code
10	244-3039-10
12	244-3039-12
14	244-3039-14
16	244-3039-16
18	244-3039-18
20	244-3039-20
22	244-3039-22
24	244-3039-24
26	244-3039-26
28	244-3039-28
30	244-3039-30
32	244-3039-32
34	244-3039-34
36	244-3039-36
38	244-3039-38
40	244-3039-40

## Compression Bone Screws Set - Medi/Maxi

## Compression Bone Screws 4.0 - 6.0

**LeiCOM Cannulated  
Compression Screws Set -  
4.0 / 5.0 Medi & 5.0 / 6.0 Maxi**

Contains:

- 1 LEICOM Compression Screws Set Tray with Lid
- 1 of each LEICOM Compression Screws (Medi 4.0, 14-24mm & 38-60mm // Maxi 5.0, 20-28mm & 40-60mm // 22 total)
- 2 of each LEICOM Compression Screws (Medi 4.0, 26-36// Maxi 5.0, 30-38mm // 22 total)
- 1 Screwdriver Handle
- 1 of each Screwdriver Shaft T10 & T15, cannulated (4.0 & 5.0mm)
- 1 of each Screw Head countersink, cannulated (4.0 & 5.0mm)
- 1 of each Drill Bit (Ø 2.7mm & 3.8mm)
- 5 K-Wires (Ø 1.5mm x 150mm)


**244-4060-00**

Tray without contents

**244-4060-10**
**4.0 LeiCOM Medi Compression Screw**

 Cannulated Bone Screw 4.0 x 5.0 mm, Titanium  
LeiStar, self-tapping, self-drilling


Length (mm)	Product Code
14	244-4050-14
16	244-4050-16
18	244-4050-18
20	244-4050-20
22	244-4050-22
24	244-4050-24
26	244-4050-26
28	244-4050-28
30	244-4050-30
32	244-4050-32
34	244-4050-34
36	244-4050-36
38	244-4050-38
40	244-4050-40
45	244-4050-45
50	244-4050-50
55	244-4050-55
60	244-4050-60

**5.0 LeiCOM Maxi Compression Screw**

 Cannulated Bone Screw 5.0 x 6.0 mm, Titanium  
LeiStar, self-tapping, self-drilling


Length (mm)	Product Code
20	244-5060-20
22	244-5060-22
24	244-5060-24
26	244-5060-26
28	244-5060-28
30	244-5060-30
32	244-5060-32
34	244-5060-34
36	244-5060-36
38	244-5060-38
40	244-5060-40
45	244-5060-45
50	244-5060-50
55	244-5060-55
60	244-5060-60



Screw Depth Gauge, cannulated

Screwdriver Shaft, cannulated

**Screwdriver Handle**

Silicone, AO-Connection  
sterilizable up to 134°C / 273°F



Product Code	Description
247-0105-00	standard, straight, black

**Screw Depth Gauge, cannulated**

for K-Wires up to Ø 1.6, cannulated 150



164-1600-00



**K-Wire, Single Trocar**

Length: 150 mm, round end



Product Code	Ø x Length (mm)
144-1009-15	0.9 x 150
144-1015-15	1.5 x 150

**Screwdriver Shaft LeiStar, cannulated**

For LeiCOM, AO connection



Product Code	Description
128-2431-06	2.4 mm, 90mm, cannulated, T6 for 2.4 / 3.1 mm screws
128-3039-08	3.0 mm, 90mm, cannulated, T8 for 3.0 / 3.9 mm screws
128-4050-10	4.0 mm, 90mm, cannulated, T10 for 4.0 / 5.0 mm screws
128-5060-15	5.0 mm, 90mm, cannulated, T15 for 5.0 / 6.0 mm screws

Screw Head Countersink, cannulated

Drill Bits, cannulated

**Screw Head Countersink LeiStar, cannulated**

For LeiCOM, AO connection



Product Code	Description
128-2431-31	2.4 mm, 70mm, cannulated, for 2.4 / 3.1 mm screws
128-3039-39	3.0 mm, 70mm, cannulated, for 3.0 / 3.9 mm screws
128-4050-50	4.0 mm, 90mm, cannulated, for 4.0 / 5.0 mm screws
128-5060-60	5.0 mm, 100mm, cannulated, for 5.0 / 6.0 mm screws



**Drill Bits, cannulated**

Length 95mm, Cannulation Ø 1.1 mm, AO Connection



Product Code	Ø (mm)
148-0084-18	1.8
148-0084-23	2.3

**Drill Bits, cannulated**

Length 125mm, Cannulation Ø 1.6 mm, AO Connection



Product Code	Ø (mm)
148-0084-27	2.7
148-0084-38	3.8

