

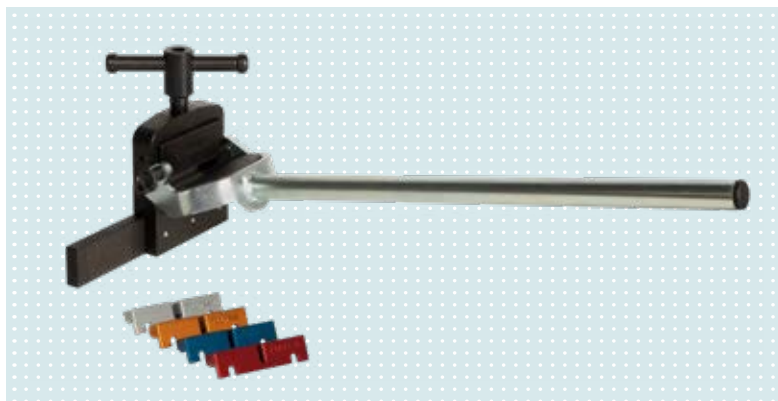
# Bending made easy – Bending apparatus for titanium bars

The function and design of customised support elements are being continuously improved. The good thing is that we have materials such as titanium to support this trend. With just very small dimensions, titanium bars can withstand great forces and give users the necessary stability. The bad thing is that these materials are difficult to process.

Ottobock's bending apparatus for titanium rods is the perfect solution for easy processing. Due to its long lever and solid design, even titanium bars can be bent and shaped with deceptive ease. Even difficult S curves are easy to make with this device. Due to the concentrated power, all bars can be precisely bent to the desired shape. And the process is much faster and involves less surface damage than with conventional tools.

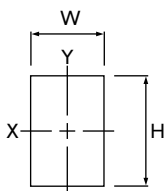
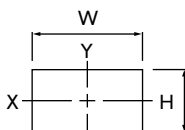
## Benefits at a glance

- Robust – solid steel design
- Easy to use – lever forces make bending easy
- Precise – perfect transfer of power allows even S curves to be bent perfectly, thus leading to faster results than conventional methods



## Overview: bending bars

	Titanium	Stainless steel	Aluminium
<b>Horizontal W x H</b>	Max. 20 mm x 6 mm	Max. 30 mm x 6 mm	Max. 40 mm x 6 mm
<b>Vertical W x H</b>	–	Max. 6 mm x 20 mm	Max. 6 mm x 20 mm



## 711S12 Bending apparatus for titanium bars

<b>Article number</b>	711S12
<b>Intended use</b>	Bending bars, especially titanium bars
<b>Dimensions W x D x H</b>	237 mm x 599 mm x 212 mm
<b>Clearance W x H</b>	87 mm x 23 mm
<b>Equipment</b>	- Lever can be locked at the highest position to save space in storage - Replaceable inserts for stabilising the bars for vertical bending (four inserts with column width of 4 mm, 5 mm, 6 mm, 8 mm)
<b>Design</b>	For clamping in or next to a vice
<b>Weight</b>	6 kg
<b>Material</b>	Steel, hardened
<b>Colour</b>	Black



Further information is available at:  
[www.pem.ottobock.com](http://www.pem.ottobock.com)