



**Karmody  
spring wire retractor**  
with 2 blades

TWS 0200	89mm
TWS 0202	134mm



**Spring wire retractor**

TWS 0210	76mm
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**Thompson**  
lamina spreader  
single pronged

TWS 1150	20mm	tip depth
TWS 1152	40mm	tip depth
TWS 1154	60mm	tip depth
TWS 1156	100mm	tip depth



**Thompson**  
lamina spreader  
spinal process spreader  
mod. bayonet shaped

TWS 1158	200mm
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Allows exposure far laterally. Four different sizes allow the use over the whole range of the spine from the cervical to the lumbar region, and also in patients of all ages.