

ORTHO
SYSTEMS

2000
2026
Years in motion



Excellence in Neuro-Orthopedics

Your Patient – Our Contribution

Catalogue
Excerpt

Orthotics 14.0
Valid from July 2026

Revo-1D Hip Joint



Features

Sizes available for **infants to large** patients

Fabricated from **high-strength aluminium**

+ **Pre-selected locking mechanism**
with 2-stage opening and closing

+ **Push button** unlocks joints, which open when hips are fully extended and tension on the locking pins relieved. To stand up, joints are placed in the locked position and automatically snap into place upon full hip extension

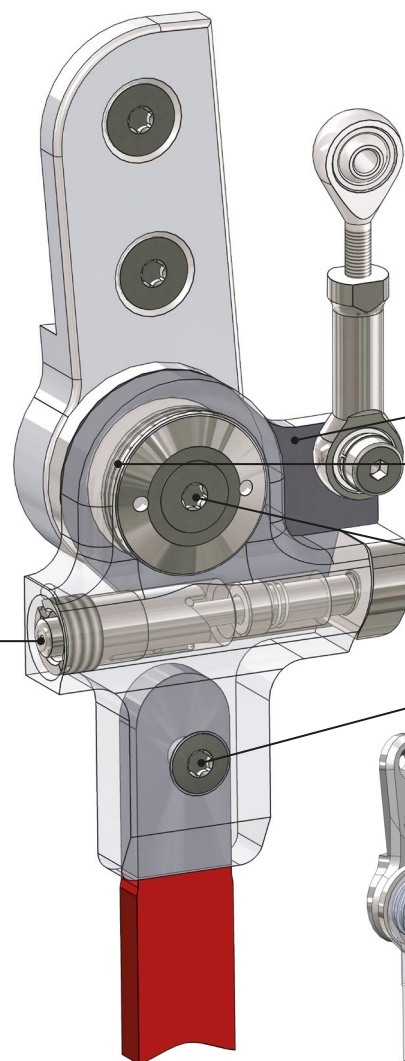


Fig. left

Standard

Fully assembled for clear cost estimates and uncomplicated ordering

Secure and adjustable connection to pelvic band

Movement is transferred via connectors and rocker bar mechanism to the contralateral side, enabling **reciprocal gait**.

Rigid stainless steel connecting plate cannot be bent

Long-life thrust bearings for smooth operation free of play

Maintenance-free, high-strength steel joint assembly with brass bushing

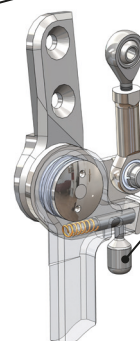
Machined upright and offset connection ensure **optimal transfer of force**

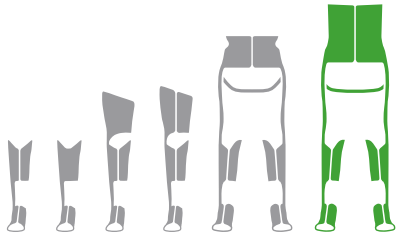
+ **Revo-infant** uses a **lever mechanism** for added security with smaller patients

Unrivalled **20-month guarantee**

Engraved **serial number** for traceability

Clearly illustrated instructions for use



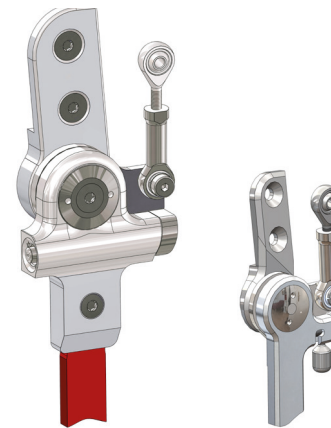


We recommend using our configurator to make your selection.
The configurator considers, among other factors, weight to height ratios.



Weight Classification (body weight)			Joint		
Article No.	Article No.	RGO	Width	Thickness	Length
Revo-1D-infant	Revo-1D-AG-infant	up to 15 kg	28 mm	23,0 mm	91,0 mm
Revo-1D-klein	Revo-1D-AG-klein	up to 25 kg	35 mm	28,0 mm	134,0 mm
Revo-1D-mittel	Revo-1D-AG-mittel	up to 50 kg	35 mm	28,0 mm	142,0 mm
Revo-1D-groß	Revo-1D-AG-groß	up to 65 kg	35 mm	32,0 mm	142,0 mm
Revo-1D-ex-groß	Revo-1D-AG-ex-groß	up to 85 kg	35 mm	32,0 mm	144,0 mm

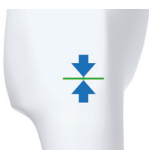
AG = custom fabricated



Revo-klein to ex-groß Revo-infant



Locked



Locking Mechanism



Extension



Flexion

Step Length

with Pelvic Rotation



Ab/Adduction



No Grinding
Necessary



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