

MultiStatic

Regression joint



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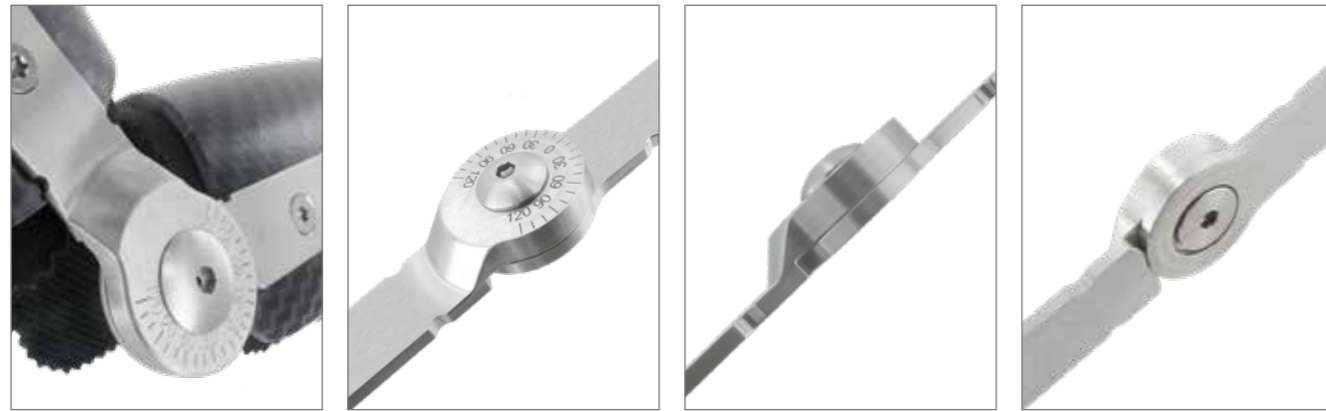
MultiStatic

Regression Joints

The MultiStatic Regression Joint enables fast, efficient and adequate static treatment of contractures - mainly due primarily to orthopedic injuries or diseases - utilizing HLBS* principles. The angle of the joint is set by an eccentric axis. This continuously adjustable static extension or flexion joint is used in orthoses for both children and adults.

* HLBS = High Load Brief Stretch

Intended use: Static treatment of correctable contractures



Benefits in achieving therapy objectives

- Improvement/rehabilitation of joint mobility
- Improvement of the resting posture

Product function

- Continuous adjustable static Extension or Flexion of the joint

The MultiStatic regression joint is suitable for the static treatment of contractures that have a neurological or orthopedic origin.

Neurological indications

- Apoplexie (CVA)
- Cerebral palsy
- Cranial Brain Trauma
- Dystrophy
- Multiple sclerose
- Status after paraplegia
- Spina Bifida

Orthopedic indications

- Amputation
- Fracture
- Status after ligament rupture
- Status after joint surgery

Contraindications

- Structural contractures such as:
 - Ankylosis
 - Fibrosis
 - Ossification
- Deformation of muscles and bones
- Poor blood circulation

Features

- Easy angle adjustment due to optimally positioned joint axis
- Can be used in flexion and Extension
- Range of motion from +120° to -120°
- Joint head and axle hardened
- Integrated bars
- Material: stainless steel

Size chart – MultiStatic Regression Joints

Art. no.	UOM	Size	Side	Length	Width	Height	Weight	Ø Joint Head
MS02B-09	each	X-small	universal	100 mm	9 mm	6,5 mm	14 g	11 mm
MS03B-12	each	small	universal	400 mm	12 mm	8,5 mm	83 g	19 mm
MS04B-16	each	medium	universal	400 mm	16 mm	9,5 mm	121 g	25 mm
MS05B-19	each	large	universal	400 mm	19 mm	10,5 mm	151 g	30 mm

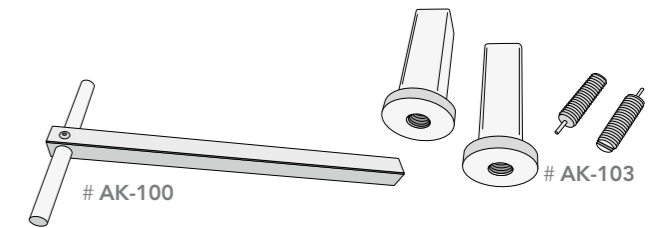
Accessoires

MultiStatic alignment unit

This alignment unit eases the production of the orthosis and is a convenient, high quality tool that can be used multiple times for the proper alignment of the FreeMotion joints on the cast.

Size chart – Alignment unit

Art. no.	UOM	Description
AK-100	each	T-Bar
AK-103	set	Alignment Unit



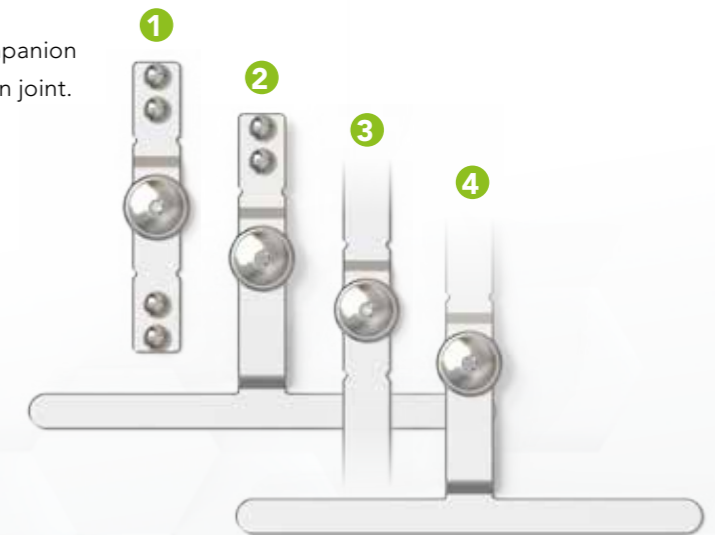
FreeMotion

Free Moveable Joints

This free motion single-axis joint can i.e. be used as a companion free moveable joint combined with a MultiStatic regression joint.

Features

- Configurations:
 - Proximal and distal a modular bar adapter ⁽¹⁾
 - Proximal a bar adapter, distal with T-bar ⁽²⁾
 - Proximal integrated bar, distal with T-bar ⁽³⁾
 - Proximal and distal integrated bars ⁽⁴⁾
- Range of motion from +120° to -120°
- Material: stainless steel



Size chart – FreeMotion Free Moveable Joints

Nr.:	Item number	UOM	Size	Side	Length	Width	Height	Weight	Ø Joint Head	Offset T-Bar	↑ Length axis ↓ to bottom
1	FM03M-12	each	small	universal	93 mm	12 mm	11 mm	40 g	18 mm	-	46 mm
2	FM03MT-12	each	small	universal	97 mm	12 mm	11 mm	72 g	18 mm	10 mm	50 mm
3	FM03B-12	each	small	universal	400 mm	12 mm	11 mm	102 g	18 mm	-	200 mm
4	FM03BT-12	each	small	universal	250 mm	12 mm	11 mm	106 g	18 mm	10 mm	50 mm
1	FM04M-16	each	medium	universal	97 mm	16 mm	11 mm	52 g	22 mm	-	48 mm
2	FM04MT-16	each	medium	universal	105 mm	16 mm	11 mm	88 g	22 mm	10 mm	55 mm
3	FM04B-16	each	medium	universal	400 mm	16 mm	11 mm	140 g	22 mm	-	200 mm
4	FM04BT-16	each	medium	universal	260 mm	16 mm	11 mm	134 g	22 mm	10 mm	55 mm