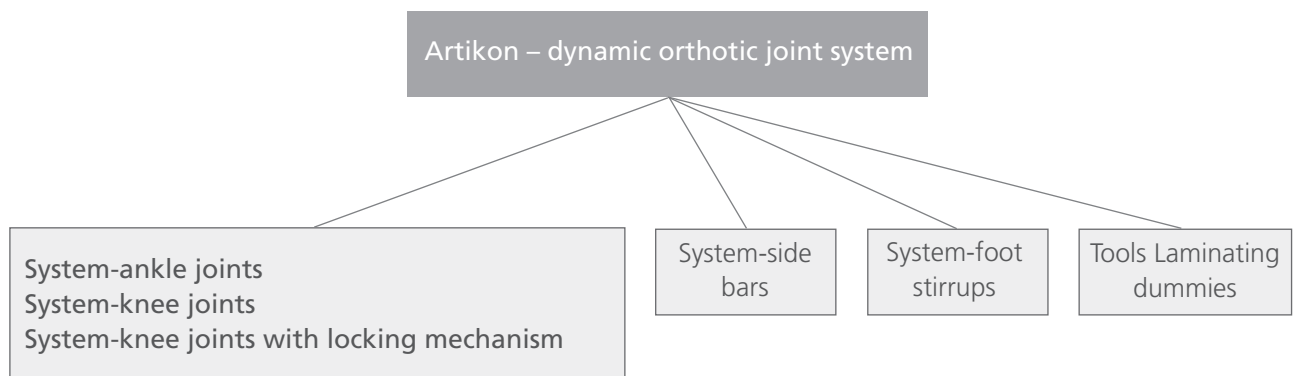


Product Information Artikon – Orthotic Joint System



• System-ankle joints without spring.....	7 – 8
• Stirrup for system-ankle joints without spring	9
• System-ankle joints with spring.....	10 – 11
• Stirrup for system-ankle joints with spring.....	12
• System-knee joints.....	13 – 15
• System-knee joints – tapered	16 – 18
• System-knee joints with locking mechanism.....	19 – 21
• Accessories for system-knee joints with locking mechanism	22
• System-side bars.....	23 – 25
• Spare parts	26 – 27
• Tools and laminating dummies.....	28 – 32
• Knee joint bars for children.....	33
• Tools and laminating dummies for knee joint bars for children	33
• Elastic Joint for orthoses	34 – 35
• Explanation of symbols	36

Artikon – dynamic orthotic joint system



With the new Artikon series, Streifeneder ortho.production GmbH offers high quality system joints, system bars and system foot stirrups for the construction of dynamic ankle, thigh and knee orthoses. The construction of these orthoses supports the dynamic functions of the body and they can be used for indications such as

- paralysis following poliomyelitis
- hemiplegia
- peroneal paralysis
- multiple sclerosis
- apoplexy
- any kind of traumas

Torx wrenches are supplied with each joint, are necessary for mounting the joints. Depending on the user profile, the Artikon series can be installed in 16 or 20 mm system width. Joints are available in straight or offset shape for patients' various anatomical requirements.

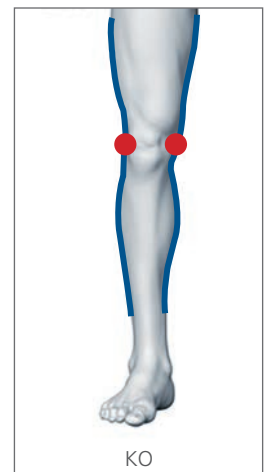
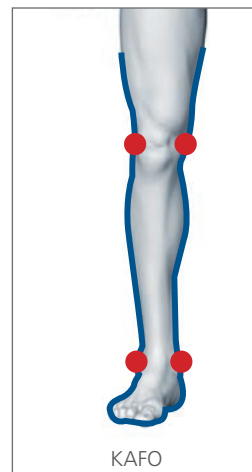
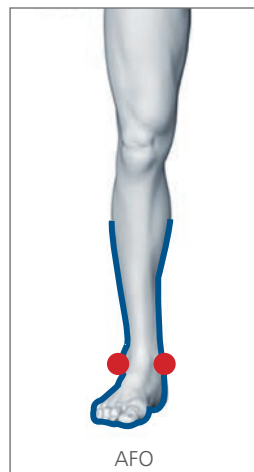
Artikon.junior

The knee joint bars Artikon.junior were developed for child-appropriate care of patients with flaccid paralysis, such as following an instance of poliomyelitis or spastic paralysis such as infantile cerebral palsy (ICP). The rails are tailored towards the special needs of children both when selecting the materials and with regard to the safety aspects and they help young patients to achieve greater mobility in their everyday lives.

International classification by included joints

FO	Foot-Orthosis
AFO	Ankle-Foot-Orthosis
KAFO	Knee-Ankle-Foot-Orthosis
HKAFO	Hip-Knee-Ankle-Foot-Orthosis
KO	Knee-Orthosis
HO	Hip-Orthosis

Use of the joints



System-ankle joints
Artikon.malleo 1J10 and 1J30



System-knee joints
Artikon.genu 2J10 and 2J10V



System-knee joints with
locking mechanism
Artikon.genu-bi-lock 2J30 and 2J31



Important note:

According to the medical device regulation, manufacturing of individual orthoses are custom-made products. Construction and reinforcement (layered construction) are individual and depend on body height, body weight, the clinical picture and the activity of the user.



picture similar

Artikon.malleo System-Ankle Joint Set without spring

straight lateral joint side, offset medial joint side

- joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- incl. 4 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 1J10/E50
- adjusting-tool set 145M60
- laminating dummies 1J10/16D, 1J10/20D

System width a	Weight	Material	Item-No.
16 mm	82 g	stainless steel	1J10/16
20 mm	100 g	stainless steel	1J10/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	head diameter	21 mm	25 mm
c	length from joint centre	36 mm	36 mm
d	joint head thickness	10 mm	10 mm



picture similar

Artikon.malleo System-Ankle Joint Set without spring

straight lateral joint side, straight medial joint side

- joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- incl. 4 high-quality Torx screws for side bar mounting
- incl. Torx wrench

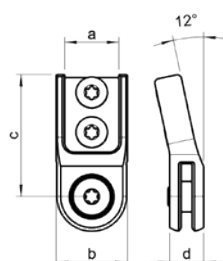
Accessories

- spare part set 1J10/E50
- adjusting-tool set 145M60
- laminating dummies 1J10/16D, 1J10/20D

System width a	Weight	Material	Item-No.
16 mm	82 g	stainless steel	1J11/16
20 mm	104 g	stainless steel	1J11/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	head diameter	21 mm	25 mm
c	length from joint centre	36 mm	36 mm
d	joint head thickness	10 mm	10 mm



picture similar

Artikon.malleo System-Ankle Joint Set without spring

offset lateral joint side, offset medial joint side

- joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- incl. 4 high-quality Torx screws for side bar mounting
- incl. Torx wrench

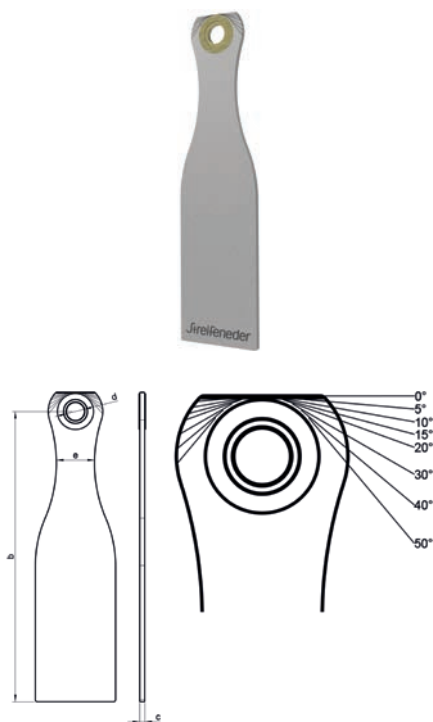
Accessories

- spare part set 1J10/E50
- adjusting-tool set 145M60
- laminating dummies 1J10/16D, 1J10/20D

System width a	Weight	Material	Item-No.
16 mm	82 g	stainless steel	1J12/16
20 mm	96 g	stainless steel	1J12/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	head diameter	21 mm	25 mm
c	length from joint centre	36 mm	36 mm
d	joint head thickness	10 mm	10 mm



picture similar

Artikon.malleo System Stirrup Rivet Technology

for Artikon.malleo ankle joints without spring 1J10, 1J11, 1J12

- universal stirrup in rivet technology, with oil-free bushing and thrust washers
- the stirrup forms the second, movable part of the ankle joint
- individually grindable dorsal extension/plantar extension to max. 50°
- factory setting: stop on both sides at 0°

Accessories

- spare part set 1J20/E50

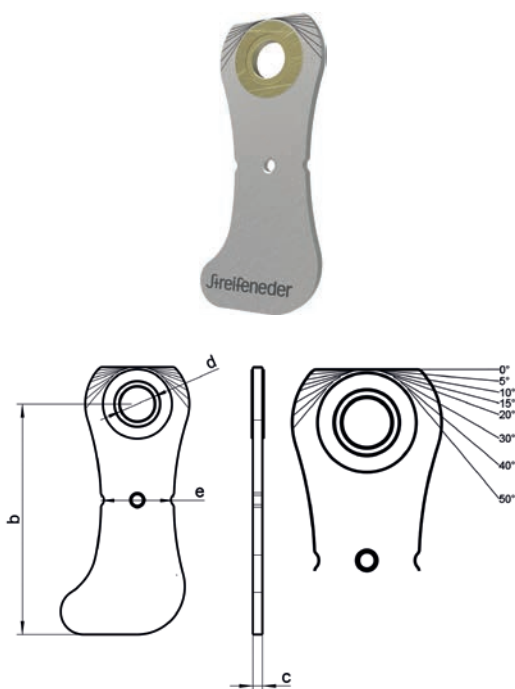
System width a	Weight	Material	Item-No.
16 mm	99 g	stainl. steel/bronze	1J20/16
20 mm	141 g	stainl. steel/bronze	1J20/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	length from joint centre	145 mm	165 mm
c	thickness	2,5 mm	3 mm
d	drill hole diameter	9 mm	9 mm
e	neck width	19 mm	21 mm



Proximal end of the foot stirrup with laser marks to simplify grinding of the individual dorsal- or plantar stop.



picture similar

Artikon.malleo System Stirrup Lamination Technology

for Artikon.malleo ankle joints without spring 1J10, 1J11, 1J12

- universal stirrup in lamination technology, with oil-free bushing and thrust washers
- the stirrup forms the second, movable part of the ankle joint
- individually grindable dorsal extension/plantar extension to max. 50°
- factory setting: stop on both sides at 0°
- stirrup shape designed for lamination technology
- anchors in the laminate by pre-moulded nose; prevents shifting even at high load

Accessories

- spare part set 1J20/E50

System width a	Weight	Material	Item-No.
16 mm	32 g	stainl. steel/bronze	1J21/16
20 mm	46 g	stainl. steel/bronze	1J21/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	length from joint centre	60 mm	60 mm
c	thickness	2,5 mm	3 mm
d	drill hole diameter	9 mm	9 mm
e	neck width	19 mm	23 mm



Proximal end of the foot stirrup with laser marks to simplify grinding of the individual dorsal- or plantar stop.



picture similar

Artikon.malleo System-Ankle Joint Set with spring – left

straight lateral joint side, offset medial joint side

- joint for motion control
- for application on left side
- freely movable
- bilateral application
- pressure spring for foot lifting function
- incl. 4 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 1J30/E50
- adjusting-tool set 145M60
- laminating dummies 1J30/16D, 1J30/20D

System width a	Weight	Material	Item-No.
16 mm	174 g	stainless steel	1J30/16L
20 mm	223 g	stainless steel	1J30/20L

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	head diameter	28,5 mm	32,5 mm
c	length from joint centre	51 mm	58 mm
d	joint head thickness	10 mm	10 mm



picture similar

Artikon.malleo System-Ankle Joint Set with spring – right

straight lateral joint side, offset medial joint side

- joint for motion control
- for application on right side
- freely movable
- bilateral application
- pressure spring for foot lifting function
- incl. 4 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 1J30/E50
- adjusting-tool set 145M60
- laminating dummies 1J30/16D, 1J30/20D

System width a	Weight	Material	Item-No.
16 mm	174 g	stainless steel	1J30/16R
20 mm	223 g	stainless steel	1J30/20R

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	head diameter	28,5 mm	32,5 mm
c	length from joint centre	51 mm	58 mm
d	joint head thickness	10 mm	10 mm



picture similar

Artikon.malleo System-Ankle Joint Set with spring

straight lateral joint side, straight medial joint side

- joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- pressure spring for foot lifting function
- incl. 4 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 1J30/E50
- adjusting-tool set 145M60
- laminating dummies 1J30/16D, 1J30/20D

System width a	Weight	Material	Item-No.
16 mm	174 g	stainless steel	1J31/16L
20 mm	223 g	stainless steel	1J31/20L

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	head diameter	28,5 mm	32,5 mm
c	length from joint centre	51 mm	58 mm
d	joint head thickness	10 mm	10 mm



picture similar

Artikon.malleo System-Ankle Joint Set with spring

offset lateral joint side, offset medial joint side

- joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- pressure spring for foot lifting function
- incl. 4 high-quality Torx screws for side bar mounting
- incl. Torx wrench

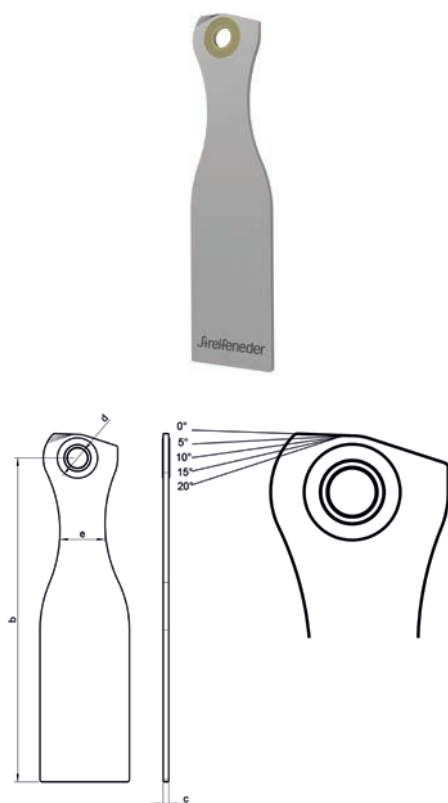
Accessories

- spare part set 1J30/E50
- adjusting-tool set 145M60
- laminating dummies 1J30/16D, 1J30/20D

System width a	Weight	Material	Item-No.
16 mm	173 g	stainless steel	1J32/16
20 mm	220 g	stainless steel	1J32/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	head diameter	28,5 mm	32,5 mm
c	length from joint centre	51 mm	58 mm
d	joint head thickness	10 mm	10 mm



Artikon.malleo System Stirrup Rivet Technology

for Artikon.malleo ankle joints with spring 1J30, 1J31, 1J32

- universal stirrup in rivet technology, with oil-free bushing and thrust washers
- the stirrup forms the second, movable part of the ankle joint
- individually grindable dorsal extension to max. 20°
- factory setting: plantar flexion stop at 0°

Accessories

- spare part set 1J20/E50

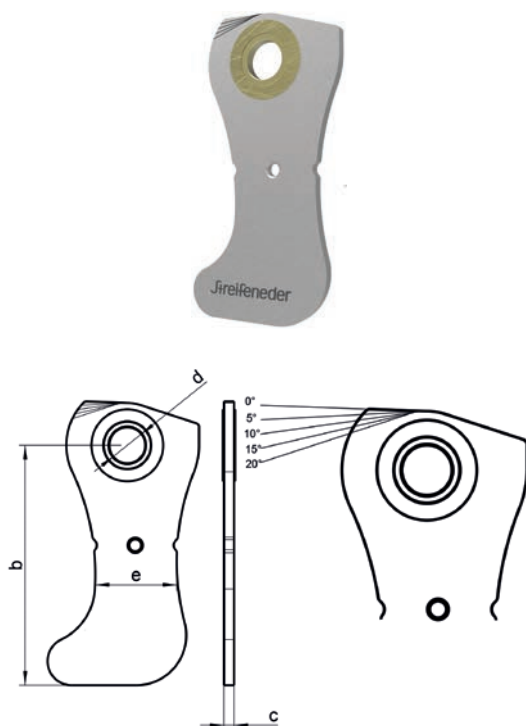
System width a	Weight	Material	Item-No.
16 mm	102 g	stainl. steel/bronze	1J40/16
20 mm	158 g	stainl. steel/bronze	1J40/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	length from joint centre	145 mm	165 mm
c	thickness	2,5 mm	3 mm
d	drill hole diameter	9 mm	9 mm
e	neck width	20,2 mm	22,2 mm



Proximal end of the foot stirrup with laser marks to simplify grinding of the individual dorsal- or plantar stop.



Artikon.malleo System Stirrup Lamination Technology

for Artikon.malleo ankle joints with spring 1J30, 1J31, 1J32

- universal stirrup in lamination technology, with oil-free bushing and thrust washers
- the stirrup forms the second, movable part of the ankle joint
- individually grindable dorsal extension to max. 20°
- factory setting: plantar flexion stop at 0°
- stirrup shape designed for lamination technology
- anchors in the laminate by pre-moulded nose; prevents shifting even at high load

Accessories

- spare part set 1J20/E50

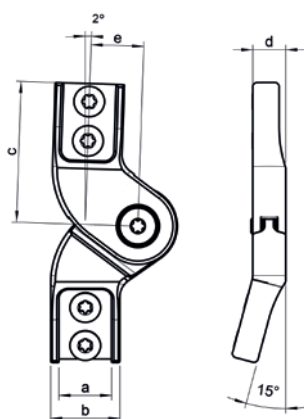
System width a	Weight	Material	Item-No.
16 mm	36 g	stainl. steel/bronze	1J41/16
20 mm	50 g	stainl. steel/bronze	1J41/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	length from joint centre	60 mm	60 mm
c	thickness	2,5 mm	3 mm
d	drill hole diameter	9 mm	9 mm
e	neck width	20,4 mm	22,7 mm



Proximal end of the foot stirrup with laser marks to simplify grinding of the individual dorsal- or plantar stop.



Artikon.genu System-Knee Joint Set – left

straight lateral joint sides, offset medial joint side at the bottom, straight medial joint side at the upper side

- monocentric joint for motion control
- for application on left side
- freely movable
- bilateral application
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- extension stop 2° positive
- with ball bearing
- 4 sliding discs
- 2 stop bumpers
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

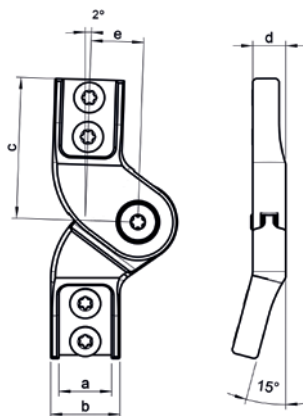
- spare part set 2J10/E50
- adjusting-tool set 145M60
- laminating dummies 2J10/16D, 2J10/20D

System width a	Weight	Material	Item-No.
16 mm	225 g	stainless steel	2J10/16L
20 mm	247 g	stainless steel	2J10/20L

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre	43 mm	43 mm
d	joint head thickness	10 mm	10 mm
e	pushed back pivot-point	16 mm	16 mm

picture similar



Artikon.genu System-Knee Joint Set – right

straight lateral joint sides, offset medial joint side at the bottom, straight medial joint side at the upper side

- monocentric joint for motion control
- for application on right side
- freely movable
- bilateral application
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- extension stop 2° positive
- with ball bearing
- 4 sliding discs
- 2 stop bumpers
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

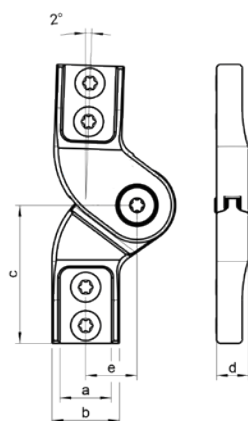
- spare part set 2J10/E50
- adjusting-tool set 145M60
- laminating dummies 2J10/16D, 2J10/20D

System width a	Weight	Material	Item-No.
16 mm	225 g	stainless steel	2J10/16R
20 mm	247 g	stainless steel	2J10/20R

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre	43 mm	43 mm
d	joint head thickness	10 mm	10 mm
e	pushed back pivot-point	16 mm	16 mm

picture similar



picture similar

Artikon.genu System-Knee Joint Set

straight lateral joint sides, straight medial joint sides

- monocentric joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- extension stop 2° positive
- with ball bearing
- 4 sliding discs
- 2 stop bumpers
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

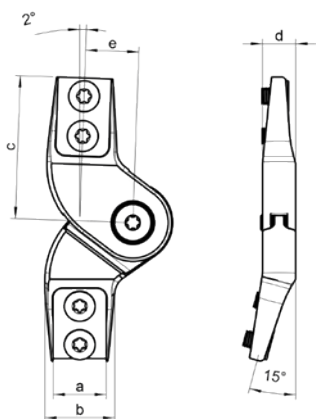
Accessories

- spare part set 2J10/E50
- adjusting-tool set 145M60
- laminating dummies 2J10/16D, 2J10/20D

System width a	Weight	Material	Item-No.
16 mm	227 g	stainless steel	2J11/16
20 mm	249 g	stainless steel	2J11/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre	43 mm	43 mm
d	joint head thickness	10 mm	10 mm
e	pushed back pivot-point	16 mm	16 mm



Artikon.genu System-Knee Joint Set tapered – left

straight lateral joint sides, offset medial joint side at the bottom, straight medial joint side at the upper side

- for lamination technique only, not suitable for traditional steel-leather KAFOs
- monocentric joint for motion control
- for application on left side
- tapered shape
- freely movable
- bilateral application
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- extension stop 2° positive
- with ball bearing
- 4 sliding discs
- 2 stop bumpers
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 2J10/E50
- adjusting-tool set 145M60
- laminating dummies 2J10/16D, 2J10/20D

System width a	Weight	Material	Item-No.
16 mm	199 g	stainless steel	2J10/16LV
20 mm	216 g	stainless steel	2J10/20LV

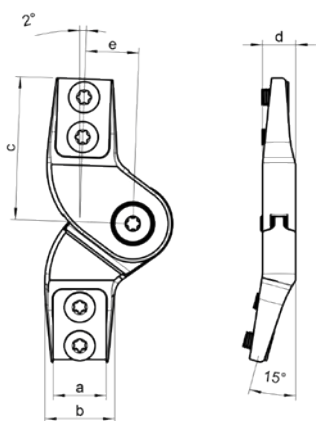
Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre	43 mm	43 mm
d	joint head thickness	10 mm	10 mm
e	pushed back pivot-point	16 mm	16 mm



The tapered shape does not require grinding of the joints.

picture similar



picture similar

Artikon.genu System-Knee Joint Set tapered – right

straight lateral joint sides, offset medial joint side at the bottom, straight medial joint side at the upper side

- for lamination technique only, not suitable for traditional steel-leather KAFOs
- monocentric joint for motion control
- for application on right side
- tapered shape
- freely movable
- bilateral application
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- extension stop 2° positive
- with ball bearing
- 4 sliding discs
- 2 stop bumpers
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 2J10/E50
- adjusting-tool set 145M60
- laminating dummies 2J10/16D, 2J10/20D

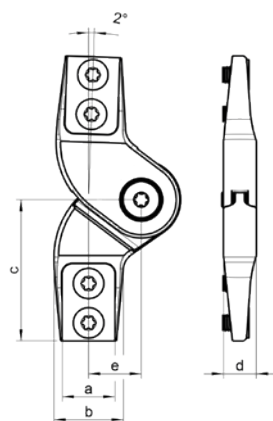
System width a	Weight	Material	Item-No.
16 mm	199 g	stainless steel	2J10/16RV
20 mm	216 g	stainless steel	2J10/20RV

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre	43 mm	43 mm
d	length from joint centre	10 mm	10 mm
e	pushed back pivot-point	16 mm	16 mm



The tapered shape does not require grinding of the joints.



picture similar

Artikon.genu System-Knee Joint Set tapered

straight lateral joint sides, straight medial joint sides

- for lamination technique only, not suitable for traditional steel-leather KAFOs
- monocentric joint for motion control
- universally applicable for either side
- tapered shape
- freely movable
- bilateral application
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- extension stop 2° positive
- with ball bearing
- 4 sliding discs
- 2 stop bumpers
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 2J10/E50
- adjusting-tool set 145M60
- laminating dummies 2J10/16D, 2J10/20D

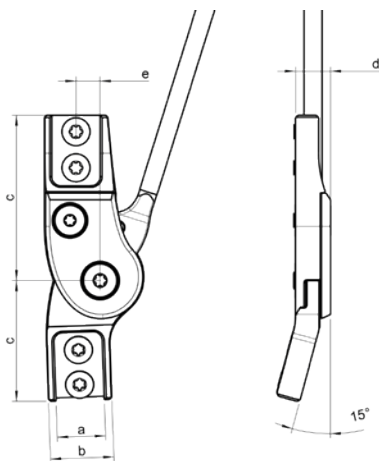
System width a	Weight	Material	Item-No.
16 mm	199 g	stainless steel	2J11/16V
20 mm	216 g	stainless steel	2J11/20V

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre	43 mm	43 mm
d	joint head thickness	10 mm	10 mm
e	pushed back pivot-point	16 mm	16 mm



The tapered shape does not require grinding of the joints.



Artikon.genu-bi-lock System-Knee Joint Set with locking mechanism – left

straight lateral joint sides, offset medial joint side at the bottom, straight medial joint side at the upper side

- monocentric joint for motion control
- for application on left side
- bilateral application
- locks at 0° extension
- releases by means of locking lever or optionally with release cable 2J35
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- with slide bearings
- 4 sliding discs
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 2J30/E50
- adjusting-tool set 145M65
- laminating dummies 2J30/16D, 2J30/20D
- release cable 2J35

System width a	Weight	Material	max. ↑ kg	Item-No.
16 mm	310 g	stainl. steel/ aluminum	70 kg (activity level 1 – 2) 60 kg (activity level 3 – 4)	2J30/16L
20 mm	330 g	stainl. steel/ aluminum	100 kg (activity level 1 – 2) 90 kg (activity level 3 – 4)	2J30/20L

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre top/bottom	55/40 mm	55/40 mm
d	joint head thickness	11,5 mm	11,5 mm
e	pushed back pivot-point	8 mm	8 mm

The weight limits are valid for bilateral plumb-line construction. The activity level is comparable with our prosthetic activity levels "walky".



Artikon.genu-bi-lock System-Knee Joint Set with locking mechanism – right

straight lateral joint sides, offset medial joint side at the bottom, straight medial joint side at the upper side

- monocentric joint for motion control
- for application on left side
- bilateral application
- locks at 0° extension
- releases by means of locking lever or optionally with release cable 2J35
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- with slide bearings
- 4 sliding discs
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

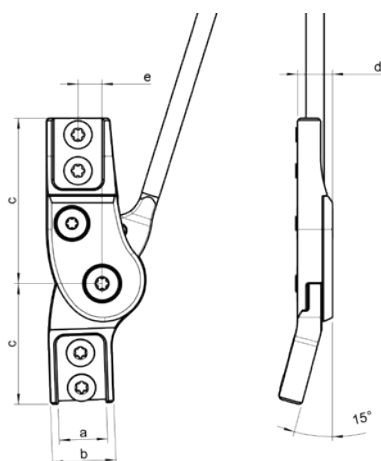
- spare part set 2J30/E50
- adjusting-tool set 145M65
- laminating dummies 2J30/16D, 2J30/20D
- release cable 2J35

System width a	Weight	Material	max. ↑ kg	Item-No.
16 mm	310 g	stainl. steel/ aluminum	70 kg (activity level 1 – 2) 60 kg (activity level 3 – 4)	2J30/16R
20 mm	330 g	stainl. steel/ aluminum	100 kg (activity level 1 – 2) 90 kg (activity level 3 – 4)	2J30/20R

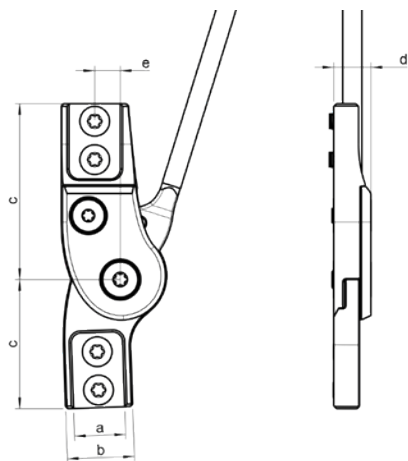
Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre top/bottom	55/40 mm	55/40 mm
d	joint head thickness	11,5 mm	11,5 mm
e	pushed back pivot- point	8 mm	8 mm

The weight limits are valid for bilateral plumb-line construction. The activity level is comparable with our prosthetic activity levels "walky".



picture similar



picture similar

Artikon.genu-bi-lock System-Knee Joint Set with locking mechanism

straight lateral joint sides, straight medial joint sides

- monocentric joint for motion control
- for application on left side
- bilateral application
- locks at 0° extension
- releases by means of locking lever or optionally with release cable 2J35
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- with slide bearings
- 4 sliding discs
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench

Accessories

- spare part set 2J30/E50
- adjusting-tool set 145M65
- laminating dummies 2J30/16D, 2J30/20D
- release cable 2J35

System width a	Weight	Material	max. ↑ kg	Item-No.
16 mm	310 g	stainl. steel/ aluminum	70 kg (activity level 1 – 2) 60 kg (activity level 3 – 4)	2J31/16
20 mm	330 g	stainl. steel/ aluminum	100 kg (activity level 1 – 2) 90 kg (activity level 3 – 4)	2J31/20

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	joint head width	21 mm	25 mm
c	length from joint centre top/bottom	55/40 mm	55/40 mm
d	joint head thickness	11,5 mm	11,5 mm
e	pushed back pivot- point	8 mm	8 mm

The weight limits are valid for bilateral plumb-line construction. The activity level is comparable with our prosthetic activity levels "walky".



Artikon Release Cable

for Artikon.genu-bi-lock system-knee joints with locking mechanism

- release cable for unlocking Artikon.genu-bi-lock system-knee joints with locking mechanism

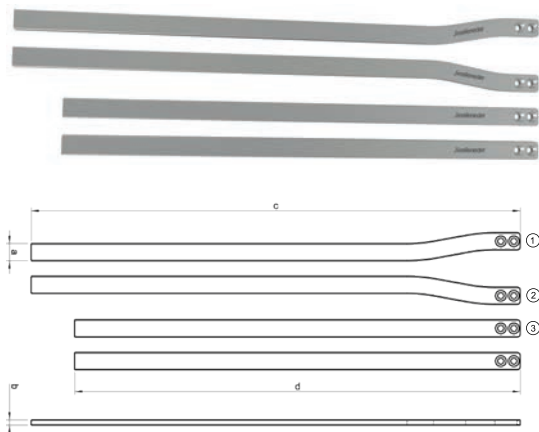
consisting of:

- 1 x screw cap made of aluminum
- 2 x perlon wire (300 mm / 11,8" long)
- 2 x adapter pins for the lever

Material	PU	Item-No.
aluminum (cap)	1 pc.	2J35
plastic (wire)		



The perlon wire may be individually shortened as needed.



Artikon System-Side Bar Set – Aluminum

- connection element from knee joint to ankle joint
- flat
- 1 set consisting of left and right side bar between knee/ankle and 2 side bars between knee/hip

System width a	Weight	Material	PU	Item-No.
16 mm	365 g	aluminum	1 set	3J10/A16
20 mm	455 g	aluminum	1 set	3J10/A20

Side bars also separately available

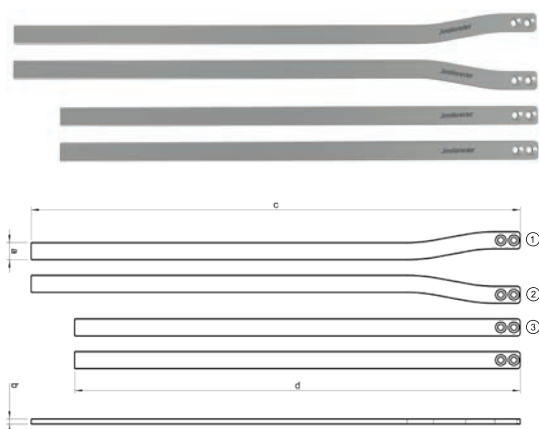
Single part	System width a	Weight	PU	Item-No.
1) left side bar between knee/ankle	16 mm	95 g	1 pc.	3J10/A16E1
2) right side bar between knee/ankle	16 mm	95 g	1 pc.	3J10/A16E2
3) side bar between knee/hip	16 mm	86 g	1 pc.	3J10/A16E3
1) left side bar between knee/ankle	20 mm	119 g	1 pc.	3J10/A20E1
2) right side bar between knee/ankle	20 mm	119 g	1 pc.	3J10/A20E2
3) side bar between knee/hip	20 mm	109 g	1 pc.	3J10/A20E3

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	thickness	5 mm	5 mm
c	length side bar between knee/ankle	450 mm	450 mm
d	length side bar knee/hip	410 mm	410 mm



For finishing works, we recommend the contouring irons 165P60, 165P65 and 165P69. Please see our catalogue „Machines & Tools“! To secure the side bars, glue the bars using UHU-PLUS® Adhesive 300 (118P32) according to package instructions.



Artikon System-Side Bar Set – Stainless Steel

- connection element from knee joint to ankle joint
- flat
- 1 set consisting of left and right side bar between knee/ankle and 2 side bars between knee/hip

System width a	Weight	Material	PU	Item-No.
16 mm	830 g	stainl. steel	1 set	3J10/S16
20 mm	1040 g	stainl. steel	1 set	3J10/S20

Side bars also separately available

Single part	System width a	Weight	PU	Item-No.
1) left side bar between knee/ankle	16 mm	217 g	1 pc.	3J10/S16E1
2) right side bar between knee/ankle	16 mm	217 g	1 pc.	3J10/S16E2
3) side bar between knee/hip	16 mm	198 g	1 pc.	3J10/S16E3
1) left side bar between knee/ankle	20 mm	272 g	1 pc.	3J10/S20E1
2) right side bar between knee/ankle	20 mm	272 g	1 pc.	3J10/S20E2
3) side bar between knee/hip	20 mm	248 g	1 pc.	3J10/S20E3

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
	thickness	4 mm	4 mm
	length side bar between knee/ankle	450 mm	450 mm
	length side bar between knee/hip	410 mm	410 mm



For finishing works, we recommend the contouring irons 165P60, 165P65 and 165P69. Please see our catalogue „Machines & Tools“! To secure the side bars, glue the bars using UHU-PLUS® Adhesive 300 (118P32) according to package instructions.

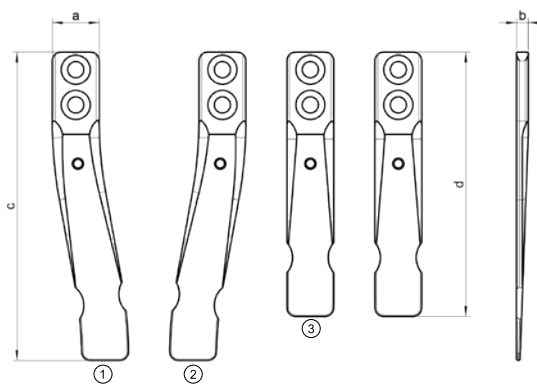
Artikon System-Laminating Bar Set – Stainless Steel



- connection element from knee joint to ankle joint with anchor in laminate
- flat
- left and right side bar between knee/ankle
- 2 side bars between knee/hip
- long, flat end of the inclined area

System width a	Weight	Material	PU	Item-No.
16 mm	127 g	stainl. steel	1 set	3J20/S16
20 mm	160 g	stainl. steel	1 set	3J20/S20


Side bars also separately available



Single part	System width a	Weight	PU	Item-No.
1) left side bar between knee/ankle	16 mm	34 g	1 pc.	3J20/S16E1
2) right side bar between knee/ankle	16 mm	34 g	1 pc.	3J20/S16E2
3) side bar between knee/hip	16 mm	30 g	1 pc.	3J20/S16E3
1) left side bar between knee/ankle	20 mm	43 g	1 pc.	3J20/S20E1
2) right side bar between knee/ankle	20 mm	43 g	1 pc.	3J20/S20E2
3) side bar between knee/hip	20 mm	37 g	1 pc.	3J20/S20E3

Dimensions chart

Dimensions	Description	System width a = 16 mm	System width a = 20 mm
b	thickness	4 mm	4 mm
c	length side bar between knee/ankle	105 mm	105 mm
d	length side bar between knee/hip	90 mm	90 mm

 For finishing works, we recommend the contouring irons 165P60, 165P65 and 165P69. Please see our catalogue „Machines & Tools“! To secure the side bars, glue the bars using UHU-PLUS® Adhesive 300 (118P32) according to package instructions.



Artikon.malleo Spare Parts Set

spare parts set for Artikon.malleo ankle joints without spring 1J10, 1J11, 1J12

Components

splint bolts M6, 2 bearing screws M6, 4 Torx screws M5,
1 special mounting grease 5 g (22J100)

Item-No.
1J10/E50



Artikon.malleo Spare Parts Set

spare parts set for Artikon.malleo ankle joints with spring 1J30, 1J31, 1J32

Components

2 splint bolts M6, 2 bearing screws M6, 2 pressure springs size 16,
2 pressure springs size 20, 2 threaded pins M8, 2 pressure pieces, 2 balls,
4 Torx-screws M5, 1 special mounting grease 5 g (22J100)

Item-No.
1J30/E50



Artikon.malleo Spare Parts Set

spare parts set for Artikon.malleo stirrup 1J20, 1J21, 1J40, 1J41

Components

2 oil-free bushings size 16, 2 oil-free bushings size 20, 8 sliding discs,
1 special mounting grease 5 g (22J100)

Item-No.
1J20/E50



Artikon.genu Spare Part Set

spare part sets for Artikon.genu knee joints 2J10, 2J11

Components

2 bearing screws M5, 2 stop bumpers size 16, 2 stop bumpers size 20,
2 grooved ball bearings, 2 sliding discs (inner Ø 8 mm), 2 sliding discs
(inner Ø 16 mm), 8 Torx-screws, 1 special mounting grease 5 g (22J100)

Item-No.
2J10/E50



Artikon.genu-bi-lock Spare Parts Set

spare parts set for Artikon.genu-bi-lock knee joints with locking mechanism
2J30/L, 2J30R, 2J31

Components

2 splint bolts M6, 2 bearing screws M6, 2 splint bolts M5,
2 bearing screws M5, 2 pressure springs, 2 slide bearings, 4 slide discs,
8 Torx screws, 2 lever connectors, 1 special mounting grease 5 g (22J100)

	Item-No.
	2J30/E50



Artikon Lever Connector

for locking bracket

- for connection of the locking bracket of Artikon.genu-bi-lock knee joints with locking mechanism

Material	PU	Item-No.
plastic	2 pcs.	2J30/E8

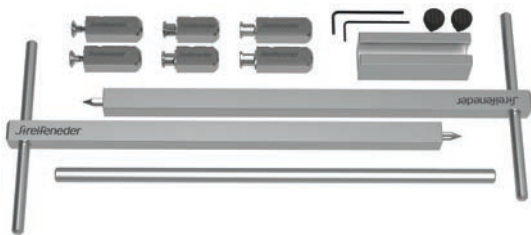


Artikon Lever Extension

for Artikon.genu-bi-lock knee joints with locking mechanism

- lever extension for locking bracket for Artikon.genu-bi-lock knee joints with locking mechanism
- two lever extensions are bent into a locking bracket and connected with lever connector 2J30/E8

Material	PU	Item-No.
stainless steel	1 pc.	2J30/16-E10




Artikon Parallel Aligning Tool Set

tool set for aligning the Artikon orthosis joints

Components

- 2 adjustment axes for orthotic joints (145M61)
- 2 adjustment adapters with collar screw for Artikon.malleo ankle joints (145M63)
- 2 adjustment adapters with collar screw for Artikon.genu knee joints (145M62)
- 2 adjustment adapters with collar screw for Artikon.genu-bi-lock knee joints with locking mechanism (145M65)
- 1 aligning bar (145M64/E1)
- 1 parallel aligning gauge
- 2 knurled-head screws
- 1 allen key SW 1,5
- 1 allen key SW 2

Item-No.
145M60

 The round front shape of the adjustment adapter avoids breaking or fraying of the cast during adjustment works.



Artikon Adjustment Axis for Orthotic Joints

- with centering tip
- dummy for adjustment adapter

Material	PU	Item-No.
aluminum	1 pc.	145M61



Artikon Adjustment Adapter with collar screw for Artikon.malleo Ankle Joints

- form lock of the adjustment adapter prevents torsion of the joint

Material	PU	Item-No.
stainless steel	1 pc.	145M63



Artikon Adjustment Adapter with collar screw for Artikon.genu Knee Joints

- form lock of the adjustment adapter prevents torsion of the joint

Material	PU	Item-No.
stainless steel	1 pc.	145M62



Artikon Adjustment Adapter with collar screw for Artikongenu-bi-lock Knee Joints with locking mechanism

- form lock of the adjustment adapter prevents torsion of the joint

Material	PU	Item-No.
stainless steel	1 pc.	145M65



Artikon Drill Jig

for Artikon system-side bars

- for drilling of the mounting holes into Artikon system-side bars

Material	for system-side bars	Item-No.
aluminum	3J10/S16, 3J10/S20, 3J10/A16, 3J10/A20, 3J20/S16, 3J20/S20	145M80



Artikon Pressing Tool for removing/inserting

of Artikon ball bearing

- for mounting and demounting the ball bearing into Artikongenu knee joints 2J10 and 2J11

Material	PU	Item-No.
stainless steel	1 pc.	145M81



Artikon Aligning Bar

- serves as positioning aid for aligning the adjustment adapters
- length: 300 mm

Material	PU	Item-No.
aluminum	1 pc.	145M64/E1



Artikon.malleo Laminating Dummy Set

laminating dummies for Artikon.malleo ankle joints without spring 1J10, 1J11, 1J12

- for laminating of ankle joints without spring
- protects visible joint surface
- prevents resin entering sensitive areas such as bearings
- single use

Accessories

- Abdosil H 82E5

Material	System width a	For ankle joints	Item-No.
silicone	16 mm	1J10/16, 1J11/16, 1J12/16	1J10/16D
silicone	20 mm	1J10/20, 1J11/20, 1J12/20	1J10/20D



Seal the joints and bearings additionally with Abdosil H 82E5.



Artikon.malleo Laminating Dummy Set

laminating dummies for Artikon.malleo ankle joints with spring 1J30, 1J31, 1J32

- for laminating of ankle joints with spring
- protects visible joint surface
- prevents resin entering sensitive areas such as bearings and spring channel
- single use

Accessories

- Abdosil H 82E5

Material	System width a	For ankle joints	Item-No.
silicone	16 mm	1J30/16L, 1J30/16R, 1J31/16, 1J32/16	1J30/16D
silicone	20 mm	1J30/20L, 1J30/20R, 1J31/20, 1J32/20	1J30/20D



Seal the joints (incl. spring channel) and bearings additionally with Abdosil H 82E5.



Artikon.genu Laminating Dummy Set

laminating dummies for Artikon.genu knee joints 2J10, 2J11

- for laminating of knee joints
- protects visible joint surface
- prevents resin entering sensitive areas such as bearings
- single use

Accessories

- Abdosil H 82E5

Material	Systemwidth a	For knee joints	Item-No.
silicone	16 mm	2J10/16L, 2J10/16R, 2J11/16, 2J10/16LV, 2J10/16RV, 2J11/16V	2J10/16D
silicone	20 mm	2J10/20L, 2J10/20R, 2J10/20, 2J10/20LV, 2J10/20RV, 2J11/20V	2J10/20D



Seal the joints and bearings additionally with Abdosil H 82E5.



Artikon.genu-bi-lock Laminating Dummy Set

laminating dummies for Artikon.genu-bi-lock knee joints with locking mechanism 2J30L, 2J30R, 2J31

- for laminating of knee joints
- prevents resin entering sensitive areas such as bearings
- single use

Accessories

- Abdosil H 82E5

Material	System width a	For knee joints	Item-No.
plastic	16 mm	2J30/16L, 2J30/16R, 2J31/16	2J30/16D
plastic	20 mm	2J30/20L, 2J30/20R, 2J31/20	2J30/20D



Seal the joints and bearings additionally with Abdosil H 82E5.



picture similar

Special Mounting Grease for Artikon Orthosis Joints

Material

- heavy-duty grease

Application

- for bearing lubrication of all Artikon joints

Characteristics

- waterproof
- oxidation- and aging resistant
- application range -30 °C to +110 °C
- food approval

Content	Item-No.
5 g	22J100



UHU®-Plus Adhesive 300

Material

- two-component adhesive, based on epoxy resin
- brand product

Application

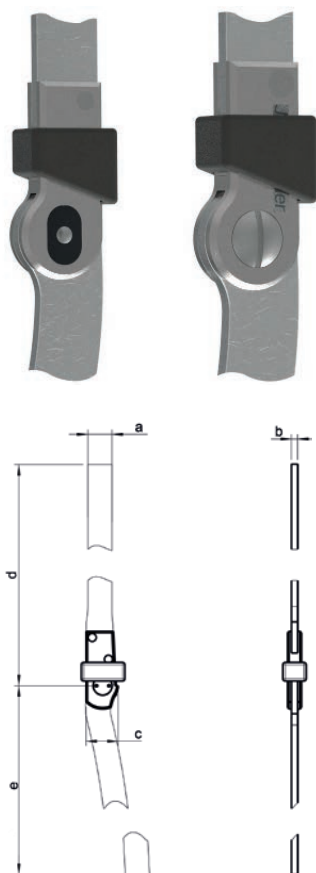
- for strong bondings between various materials except PE and PP

Characteristics

- mixing ratio binder and hardener: 1:1
- working time (open time) approx. 120 min.
- final strength after approx. 12 – 24 hours

PU = 1 set

Content Bond	Content Hardener	Item-No.
18 g	15 g	118P32



Artikon.junior


knee joint bars for children

- with ring lock
- flat
- joints made of stainless steel
- upper and bottom bar made of aluminum

System width a	Weight	Material joint/bar	Material ring lock	Item-No.
12 mm	174 g	stainl. steel/aluminum	cast steel	8J22/S12
14 mm	211 g	stainl. steel/aluminum	cast steel	8J22/S14
16 mm	406 g	stainl. steel/aluminum	cast steel	8J22/S16

Dimensions chart

Dimensions	Description	System width a = 12 mm	System width a = 14 mm	System width a = 16 mm
b	bar thickness	3 mm	3 mm	4 mm
c	joint head Ø	18 mm	18 mm	20 mm
d	bar length upper part	250 mm	300 mm	390 mm
e	bar length bottom part	260 mm	320 mm	410 mm

 For motion in the ankle joint we recommend our elastic joints for orthoses 10J1 – 14J1.



Artikon.junior Tools


- for aligning Artikon.junior knee joint bars for children

Tools

- adjustment axis for orthotic joints (145M61), dummy for adjustment adapters
- aligning bar (145M64/E1), positioning aid for aligning the adjustment adapters
- adjustment adapter set for childrens' bars (145M71) for system width 12 and 14 mm
- adjustment adapter set for childrens' bars (145M72) for system width 16 mm

Description	Material	PU	Item-No.
adjustment axis	aluminum	1 pc.	145M61
aligning bar	aluminum	1 pc.	145M64/E1

Description	System width	Material	PU	Item-No.
adjustment adapter set	12 mm, 14 mm	stainl. steel	2 pcs.	145M71
adjustment adapter set	16 mm	stainl. steel	2 pcs.	145M72

 The round front shape of the adjustment adapter avoids breaking or fraying of the cast during adjustment works.



Elastic Joints for Orthoses

for Artikon.junior

- material: polyurethane (PUR)
- elastic joints are very durable, multifunctional in applications and movement supporting joints for orthoses
- the higher the flex grade (75, 85 or 95), the higher the motion support for dorsal- resp. plantar flexion

Components

1 pair of joints, 4 brass inserts, 4 oval-head screws, 4 paddings (self-adhesive pads for the inside), 2 dummies incl. 4 nails

Size	Flex grade	Length	Item-No.
S	Neutral	32 mm	10J1/S
M	Neutral	38 mm	10J1/M
L	Neutral	45 mm	10J1/L
S	Flex 75	32 mm	11J1/S
M	Flex 75	38 mm	11J1/M
L	Flex 75	45 mm	11J1/L
S	Flex 85	32 mm	12J1/S
M	Flex 85	38 mm	12J1/M
L	Flex 85	45 mm	12J1/L
S	Flex 95	32 mm	14J1/S
M	Flex 95	38 mm	14J1/M
L	Flex 95	45 mm	14J1/L



Elastic Joint Dummy

for Artikon.junior

- material: polyurethane (PUR)
- spacer for deep drawing

Components

2 dummies incl. 4 nails

Size	Length	Item-No.
S	34 mm	10J1/SE2
M	40 mm	10J1/ME2
L	47 mm	10J1/LE2



Dorsal Stopper für Elastic Joint

for Artikon.junior

- material: steel, zinc-plated
- elastomers
- to inhibit the plantar flexion in the upper ankle

Components

deflection bumper, threaded part, securing nut, washer, rivet

Item-No.
13J1



Screws and Nuts for Elastic Joint

for Artikon.junior

Components

10 screws (L), 10 threaded bushings (M)

Size	Thread L	Thread M	Item-No.
S	M3,5 x 8	M3,5	10J1/SE10
M/L	M4 x 9	M4	10J1/ME10

Explanation of Symbols

Danger Symbols



Corrosion



Exclamation mark



Environment

Do you know our training centre Streifeneder ortho.training?

In order to stay competitive and in order to meet the growing requirements of the patients, it is no longer enough to just use high quality orthopaedic products. Profound practical skills on the basis of current scientific research and findings creates optimal conditions to always react competently and confidently in daily practice. In order to convey valuable expertise as well as detailed knowledge to specialists in orthopaedic and orthopaedic shoe technology as well as physiotherapy and podiatry, we have originated the Training Centre Streifeneder ortho.training in Emmering.

A spacious auditorium (AudiMax) with 160 seats and a fully equipped workshop with 15 work stations, a machine room as well as a patient fitting room and a plaster room on approx. 1.000 sqm offer more than optimal conditions for a qualified advanced and continuous education on the highest level. Modern tools such as multimedia equipment, a fully equipped gait analysis laboratory, course materials and teaching aids that meet the demands of our clients are also part of our standards.



Our meticulously elaborated seminar program comprehends more than 50 events per year centered around topics such as silicone processing, pre-preg processing, synthetic materials or gait analysis. With a flexible program planning on our part, we are also able to react to individual customer's wishes and to offer seminars about special subjects upon request. In order to guarantee an array of seminars that is as broad as possible we regularly invite high-carat external guest lecturers to our training centre Streifeneder ortho.training.

You can download our current Streifeneder seminar calendar with further information about all of our seminars from our website at www.streifeneder.com/training.

Of course, we will also gladly send it to you by post or email. Please feel free to contact us at: training@streifeneder.de or by telephone +49 8141 6106-200.

We are looking forward to hearing from you!

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