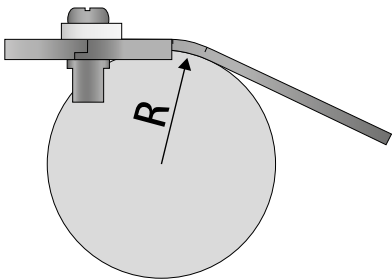


System Side Bars and System Anchors

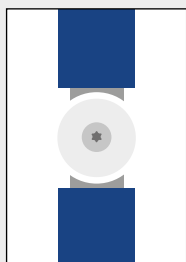
System side bars and system anchors are connecting elements. A system side bar can, for example, directly connect a system knee joint with a system ankle joint. A system anchor connects a system knee joint or a system ankle joint with the shell of a laminated orthosis. It is embedded into the laminate. System side bars can be processed using a production technique of your choice. System side bars and system anchors are available in different system widths and materials for three production techniques which can be used for unilateral as well as bilateral constructions. To ensure an optimum choice of system side bar and system anchor material for each orthosis type, use our Orthosis Configurator. It determines the most suitable system side bar and system anchor material based on the patient data and the desired production technique and according to the principle **As light as possible and as strong as necessary!**

Information Concerning Material Properties					
Description	Material	Strength	Breaking Elongation	Weight	Calculation of the Min. Bending Radius [R]
AL	aluminium	high	average	low	$R = 11 \times \text{material thickness}$
TI G2	titanium grade 2	high	high	average	$R = 5 \times \text{material thickness}$
TI G5	titanium grade 5	very high	low	average	$R = 10 \times \text{material thickness}$

To avoid fractures when bending a system side bar/system anchor, make sure not to fall below the radii indicated in the table. The bending radius depends on the thickness of the material (see table).

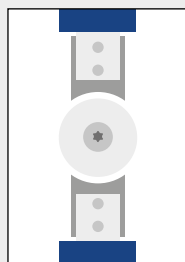


## Production Techniques



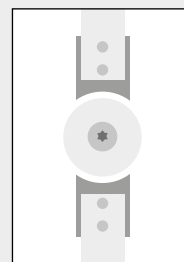
### Joint Lamination/Prepreg Technique

In this production technique, the system anchors and the joints' system cases are embedded into the laminate.



### Anchor Lamination/Prepreg Technique

In this production technique, only the system anchors are embedded into the laminate. The joints' system cases remain free.

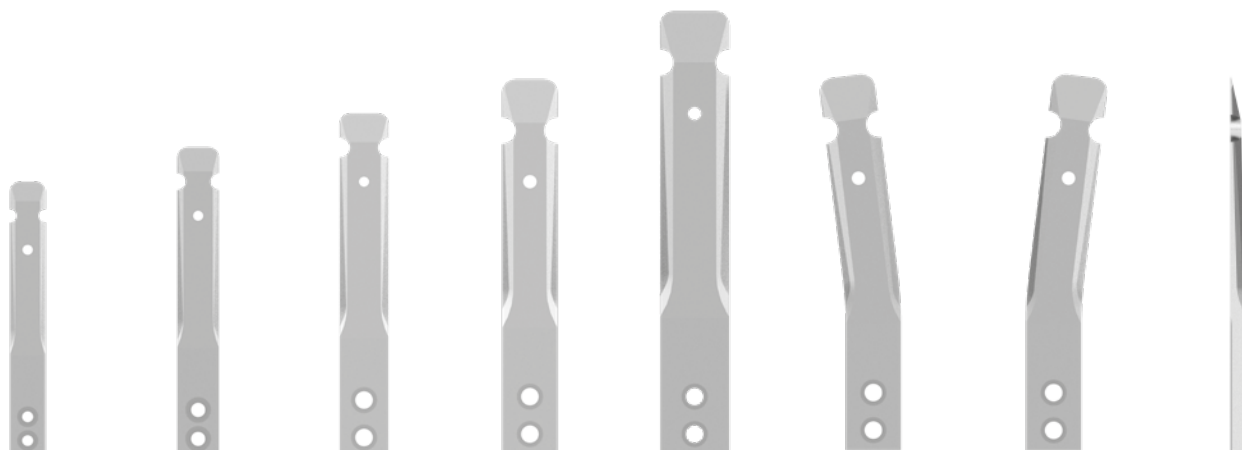


### Side Bar Shell Technique

System side bars can be processed using a production technique of your choice.

All system side bars and system anchors can withstand the load only if they are processed correctly according to the production technique and mounted correctly into the orthosis. For information about system side bar and system anchor processing read the **Instructions for Use for Orthotists or Qualified/Trained Experts System Side Bars and System Anchors (PB1000-SA-DE/GB)** which is included in the scope of delivery.

You will find detailed information about our production techniques in the section "Online Tutorials" and "Producing the Orthosis" on our website [www.fior-gentz.com](http://www.fior-gentz.com).

straight 10mm  
fig. 1straight 12mm  
fig. 2straight 14mm  
fig. 3straight 16mm  
fig. 4straight 20mm  
fig. 5calf curved left  
fig. 6calf curved right  
fig. 7side view  
straight

## Aluminium System Anchors\*

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
1	SA1040-AL	system anchor for 10mm system joints, straight	80 x 10 x 3	5
2	SA1041-AL	system anchor for 12mm system joints, straight	90 x 12 x 3.5	7
3	SA1042-AL	system anchor for 14mm system joints, straight	100 x 14 x 4	11
4	SA1063-AL	system anchor for 16mm system joints, straight	110 x 16 x 5	17
5	SA1085-AL	system anchor for 20mm system joints, straight	130 x 20 x 6	30
6	SA1241-L/AL	system anchor for 12mm system joints, calf curved left	90 x 12 x 3.5	7
6	SA1242-L/AL	system anchor for 14mm system joints, calf curved left	100 x 14 x 4	11
6	SA1263-L/AL	system anchor for 16mm system joints, calf curved left	110 x 16 x 5	17
6	SA1285-L/AL	system anchor for 20mm system joints, calf curved left	130 x 20 x 6	30
7	SA1241-R/AL	system anchor for 12mm system joints, calf curved right	90 x 12 x 3.5	7
7	SA1242-R/AL	system anchor for 14mm system joints, calf curved right	100 x 14 x 4	11
7	SA1263-R/AL	system anchor for 16mm system joints, calf curved right	110 x 16 x 5	17
7	SA1285-R/AL	system anchor for 20mm system joints, calf curved right	130 x 20 x 6	30

\* The scope of delivery of a system anchor always contains two fastening screws.

## Fastening Screw for System Side Bars and System Anchors (Fig. 8)

Article Number	System Width	Description	Unit
SC5303-L05	10mm	raised countersunk head screw with hexalobular socket, M3 x 5	piece
SC5404-L06	12mm	raised countersunk head screw with hexalobular socket, M4 x 6	piece
SC5405-L08	14 and 16mm	raised countersunk head screw with hexalobular socket, M5 x 8	piece
SC5405-L09	20mm	raised countersunk head screw with hexalobular socket, M5 x 9	piece

## Fastening Screw (Fig. 8)



straight 10mm  
fig. 9straight 12mm  
fig. 10straight 14mm  
fig. 11straight 16mm  
fig. 12straight 20mm  
fig. 13calf curved left  
fig. 14calf curved right  
fig. 15

## Aluminium System Side Bars\*

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g/cm]
9	SS1040-AL	system side bar for 10mm system joints, straight	200 x 10 x 3	0.8
10	SS1041-AL	system side bar for 12mm system joints, straight	225 x 12 x 3.5	1.1
11	SS1042-AL	system side bar for 14mm system joints, straight	250 x 14 x 4	1.5
12	SS1063-AL	system side bar for 16mm system joints, straight	410 x 16 x 5	2.1
13	SS1085-AL	system side bar for 20mm system joints, straight	480 x 20 x 6	3.1
14	SS1241-L/AL	system side bar for 12mm system joints, calf curved left	265 x 12 x 3.5	1.1
14	SS1242-L/AL	system side bar for 14mm system joints, calf curved left	300 x 14 x 4	1.5
14	SS1263-L/AL	system side bar for 16mm system joints, calf curved left	450 x 16 x 5	2.1
14	SS1285-L/AL	system side bar for 20mm system joints, calf curved left	530 x 20 x 6	3.1
15	SS1241-R/AL	system side bar for 12mm system joints, calf curved right	265 x 12 x 3.5	1.1
15	SS1242-R/AL	system side bar for 14mm system joints, calf curved right	300 x 14 x 4	1.5
15	SS1263-R/AL	system side bar for 16mm system joints, calf curved right	450 x 16 x 5	2.1
15	SS1285-R/AL	system side bar for 20mm system joints, calf curved right	530 x 20 x 6	3.1

\* The scope of delivery of a system side bar always contains two fastening screws.

## One-Metre System Side Bars

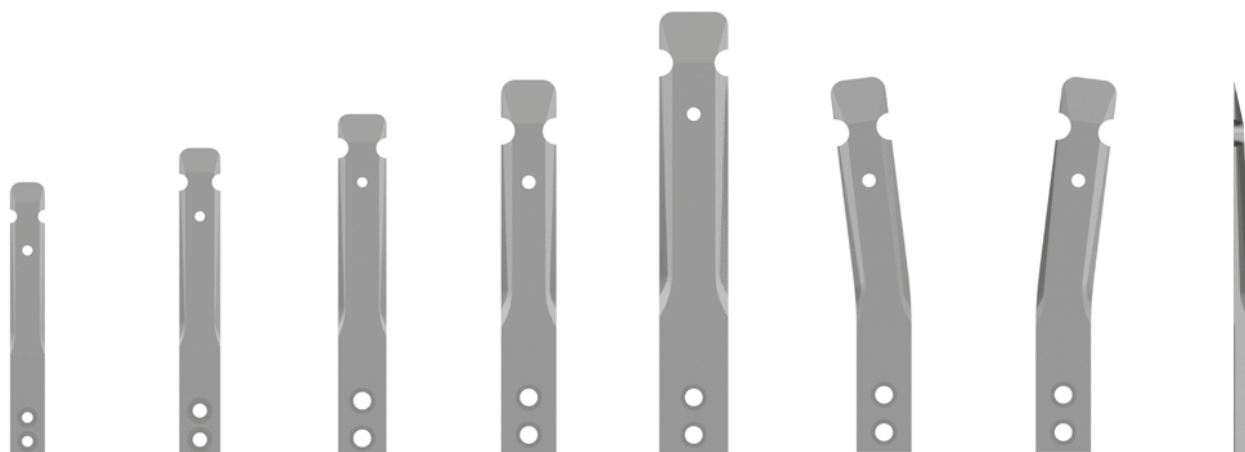
Fig.	Article Number	Description	Length x Thickness [mm]	Weight [g/cm]
similar to fig. 10 without bore	SS1041-AL/00	one-metre system side bar for 12mm system joints	1000 x 3.5	1.1
similar to fig. 11 without bore	SS1042-AL/00	one-metre system side bar for 14mm system joints	1000 x 4	1.5
similar to fig. 12 without bore	SS1063-AL/00	one-metre system side bar for 16mm system joints	1000 x 5	2.1
similar to fig. 13 without bore	SS1085-AL/00	one-metre system side bar for 20mm system joints	1000 x 6	3.1

## Fastening Screw for System Side Bars and System Anchors (Fig. 16)

Article Number	System Width	Description	Unit
SC5303-L05	10mm	raised countersunk head screw with hexalobular socket, M3 x 5	piece
SC5404-L06	12mm	raised countersunk head screw with hexalobular socket, M4 x 6	piece
SC5405-L08	14 and 16mm	raised countersunk head screw with hexalobular socket, M5 x 8	piece
SC5405-L09	20mm	raised countersunk head screw with hexalobular socket, M5 x 9	piece

## Fastening Screw (Fig. 16)



straight 10mm  
fig. 1straight 12mm  
fig. 2straight 14mm  
fig. 3straight 16mm  
fig. 4straight 20mm  
fig. 5calf curved left  
fig. 6calf curved right  
fig. 7side view  
straight

## Titanium Grade 2 System Anchors\*

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
1	SA1040-TI	system anchor for 10mm system joints, straight	80 x 10 x 3	8
2	SA1041-TI	system anchor for 12mm system joints, straight	90 x 12 x 3.5	12
3	SA1042-TI	system anchor for 14mm system joints, straight	100 x 14 x 4	18
4	SA1063-TI	system anchor for 16mm system joints, straight	110 x 16 x 5	28
5	SA1085-TI	system anchor for 20mm system joints, straight	130 x 20 x 6	51
6	SA1241-L/TI	system anchor for 12mm system joints, calf curved left	90 x 12 x 3.5	12
6	SA1242-L/TI	system anchor for 14mm system joints, calf curved left	100 x 14 x 4	18
6	SA1263-L/TI	system anchor for 16mm system joints, calf curved left	110 x 16 x 5	28
6	SA1285-L/TI	system anchor for 20mm system joints, calf curved left	130 x 20 x 6	51
7	SA1241-R/TI	system anchor for 12mm system joints, calf curved right	90 x 12 x 3.5	12
7	SA1242-R/TI	system anchor for 14mm system joints, calf curved right	100 x 14 x 4	18
7	SA1263-R/TI	system anchor for 16mm system joints, calf curved right	110 x 16 x 5	28
7	SA1285-R/TI	system anchor for 20mm system joints, calf curved right	130 x 20 x 6	51

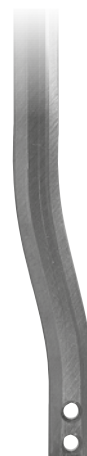
\* The scope of delivery of a system anchor always contains two fastening screws.

## Fastening Screw for System Side Bars and System Anchors (Fig. 8)

Article Number	System Width	Description	Unit
SC5303-L05	10mm	raised countersunk head screw with hexalobular socket, M3 x 5	piece
SC5404-L06	12mm	raised countersunk head screw with hexalobular socket, M4 x 6	piece
SC5405-L08	14 and 16mm	raised countersunk head screw with hexalobular socket, M5 x 8	piece
SC5405-L09	20mm	raised countersunk head screw with hexalobular socket, M5 x 9	piece

## Fastening Screw (Fig. 8)



straight 10mm  
fig. 9straight 12mm  
fig. 10straight 14mm  
fig. 11straight 16mm  
fig. 12straight 20mm  
fig. 13calf curved left  
fig. 14calf curved right  
fig. 15

## Titanium Grade 2 System Side Bars\*

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g/cm]
9	SS1040-TI	system side bar for 10mm system joints, straight	200 x 10 x 3	1.3
10	SS1041-TI	system side bar for 12mm system joints, straight	225 x 12 x 3.5	1.8
11	SS1042-TI	system side bar for 14mm system joints, straight	250 x 14 x 4	2.4
12	SS1063-TI	system side bar for 16mm system joints, straight	410 x 16 x 5	3.4
13	SS1085-TI	system side bar for 20mm system joints, straight	480 x 20 x 6	5.0
14	SS1241-L/TI	system side bar for 12mm system joints, calf curved left	265 x 12 x 3.5	1.8
14	SS1242-L/TI	system side bar for 14mm system joints, calf curved left	300 x 14 x 4	2.4
14	SS1263-L/TI	system side bar for 16mm system joints, calf curved left	450 x 16 x 5	3.4
14	SS1285-L/TI	system side bar for 20mm system joints, calf curved left	530 x 20 x 6	5.0
15	SS1241-R/TI	system side bar for 12mm system joints, calf curved right	265 x 12 x 3.5	1.8
15	SS1242-R/TI	system side bar for 14mm system joints, calf curved right	300 x 14 x 4	2.4
15	SS1263-R/TI	system side bar for 16mm system joints, calf curved right	450 x 16 x 5	3.4
15	SS1285-R/TI	system side bar for 20mm system joints, calf curved right	530 x 20 x 6	5.0

\* The scope of delivery of a system side bar always contains two fastening screws.

## One-Metre System Side Bars

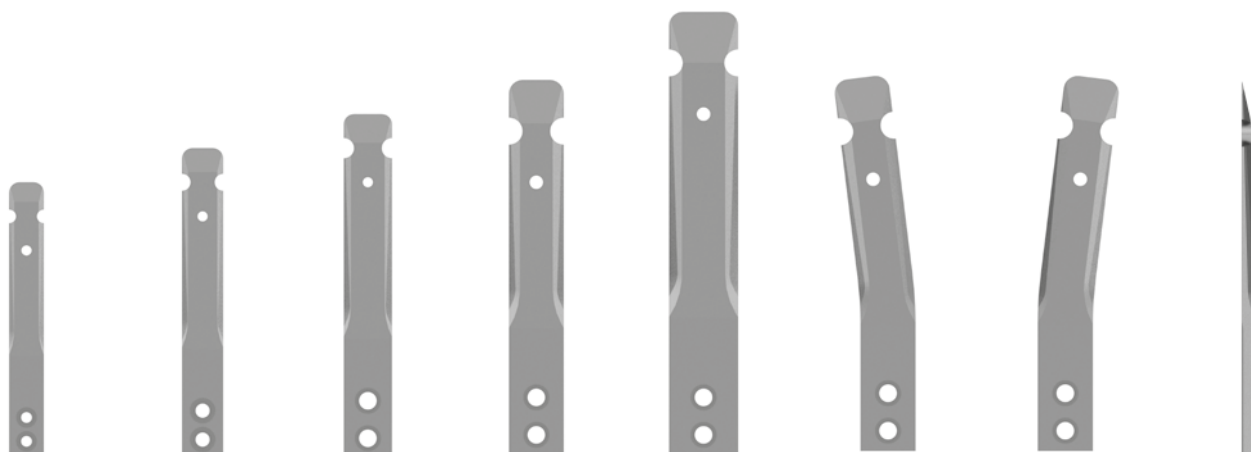
Fig.	Article Number	Description	Length x Thickness [mm]	Weight [g/cm]
similar to fig. 10 without bore	SS1041-TI/00	one-metre system side bar for 12mm system joints	1000 x 3.5	1.8
similar to fig. 11 without bore	SS1042-TI/00	one-metre system side bar for 14mm system joints	1000 x 4	2.4
similar to fig. 12 without bore	SS1063-TI/00	one-metre system side bar for 16mm system joints	1000 x 5	3.5
similar to fig. 13 without bore	SS1085-TI/00	one-metre system side bar for 20mm system joints	1000 x 6	4.5

## Fastening Screw for System Side Bars and System Anchors (Fig. 16)

Article Number	System Width	Description	Unit
SC5303-L05	10mm	raised countersunk head screw with hexalobular socket, M3 x 5	piece
SC5404-L06	12mm	raised countersunk head screw with hexalobular socket, M4 x 6	piece
SC5405-L08	14 and 16mm	raised countersunk head screw with hexalobular socket, M5 x 8	piece
SC5405-L09	20mm	raised countersunk head screw with hexalobular socket, M5 x 9	piece

## Fastening Screw (Fig. 16)



straight 10mm  
fig. 1straight 12mm  
fig. 2straight 14mm  
fig. 3straight 16mm  
fig. 4straight 20mm  
fig. 5calf curved left  
fig. 6calf curved right  
fig. 7side view  
straight

## Titanium Grade 5 System Anchors\*

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
1	SA2040-TI	system anchor for 10mm system joints, straight	80 x 10 x 3	8
2	SA2041-TI	system anchor for 12mm system joints, straight	90 x 12 x 3.5	12
3	SA2042-TI	system anchor for 14mm system joints, straight	100 x 14 x 4	18
4	SA2063-TI	system anchor for 16mm system joints, straight	110 x 16 x 5	25
5	SA2085-TI	system anchor for 20mm system joints, straight	130 x 20 x 6	41
6	SA2241-L/TI	system anchor for 12mm system joints, calf curved left	90 x 12 x 3.5	12
6	SA2242-L/TI	system anchor for 14mm system joints, calf curved left	100 x 14 x 4	18
6	SA2263-L/TI	system anchor for 16mm system joints, calf curved left	110 x 16 x 5	25
6	SA2285-L/TI	system anchor for 20mm system joints, calf curved left	130 x 20 x 6	41
7	SA2241-R/TI	system anchor for 12mm system joints, calf curved right	90 x 12 x 3.5	12
7	SA2242-R/TI	system anchor for 14mm system joints, calf curved right	100 x 14 x 4	18
7	SA2263-R/TI	system anchor for 16mm system joints, calf curved right	110 x 16 x 5	25
7	SA2285-R/TI	system anchor for 20mm system joints, calf curved right	130 x 20 x 6	41

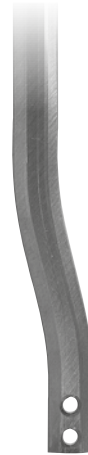
\* The scope of delivery of a system anchor always contains two fastening screws.

## Fastening Screw for System Side Bars and System Anchors (Fig. 8)

Article Number	System Width	Description	Unit
SC5303-L05	10mm	raised countersunk head screw with hexalobular socket, M3 x 5	piece
SC5404-L06	12mm	raised countersunk head screw with hexalobular socket, M4 x 6	piece
SC5405-L08	14 and 16mm	raised countersunk head screw with hexalobular socket, M5 x 8	piece
SC5405-L09	20mm	raised countersunk head screw with hexalobular socket, M5 x 9	piece

## Fastening Screw (Fig. 8)



straight 10mm  
fig. 9straight 12mm  
fig. 10straight 14mm  
fig. 11straight 16mm  
fig. 12straight 20mm  
fig. 13calf curved left  
fig. 14calf curved right  
fig. 15

## Titanium Grade 5 System Side Bars\*

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g/cm]
9	SS2040-TI	system side bar for 10mm system joints, straight	200 x 10 x 3	1.3
10	SS2041-TI	system side bar for 12mm system joints, straight	225 x 12 x 3.5	1.8
11	SS2042-TI	system side bar for 14mm system joints, straight	250 x 14 x 4	2.4
12	SS2063-TI	system side bar for 16mm system joints, straight	410 x 16 x 4.5	3.0
13	SS2085-TI	system side bar for 20mm system joints, straight	480 x 20 x 6	4.1
14	SS2241-L/TI	system side bar for 12mm system joints, calf curved left	265 x 12 x 3.5	1.8
14	SS2242-L/TI	system side bar for 14mm system joints, calf curved left	300 x 14 x 4	2.4
14	SS2263-L/TI	system side bar for 16mm system joints, calf curved left	450 x 16 x 4.5	3.0
14	SS2285-L/TI	system side bar for 20mm system joints, calf curved left	530 x 20 x 6	4.1
15	SS2241-R/TI	system side bar for 12mm system joints, calf curved right	265 x 12 x 3.5	1.8
15	SS2242-R/TI	system side bar for 14mm system joints, calf curved right	300 x 14 x 4	2.4
15	SS2263-R/TI	system side bar for 16mm system joints, calf curved right	450 x 16 x 4.5	3.0
15	SS2285-R/TI	system side bar for 20mm system joints, calf curved right	530 x 20 x 6	4.1

\* The scope of delivery of a system side bar always contains two fastening screws.

## One-Metre System Side Bars

Fig.	Article Number	Description	Length x Thickness [mm]	Weight [g/cm]
similar to fig. 10 without bore	SS2041-TI/00	one-metre system side bar for 12mm system joints	1000 x 3.5	1.8
similar to fig. 11 without bore	SS2042-TI/00	one-metre system side bar for 14mm system joints	1000 x 4	2.4
similar to fig. 12 without bore	SS2063-TI/00	one-metre system side bar for 16mm system joints	1000 x 5	3.1
similar to fig. 13 without bore	SS2085-TI/00	one-metre system side bar for 20mm system joints	1000 x 6	4.2

## Fastening Screw for System Side Bars and System Anchors (Fig. 16)

Article Number	System Width	Description	Unit
SC5303-L05	10mm	raised countersunk head screw with hexalobular socket, M3 x 5	piece
SC5404-L06	12mm	raised countersunk head screw with hexalobular socket, M4 x 6	piece
SC5405-L08	14 and 16mm	raised countersunk head screw with hexalobular socket, M5 x 8	piece
SC5405-L09	20mm	raised countersunk head screw with hexalobular socket, M5 x 9	piece

## Fastening Screw (Fig. 16)



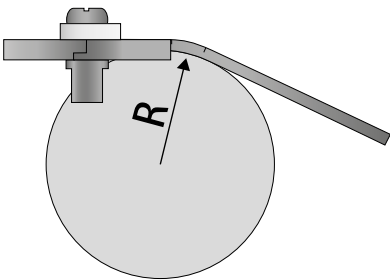
# System Side Bars and System Anchors for Carbon System Joints

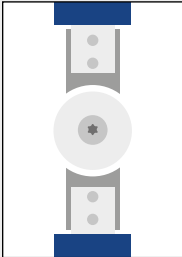
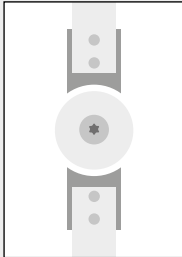
System side bars and system anchors are connecting elements. The system anchor for water-resistant carbon system joints connects the system joint to the shell of a laminated orthosis. We developed this anchor for the production of a laminated orthosis using the anchor lamination technique. In this production technique, the system anchors are embedded into the laminate. System side bars can be processed using a production technique of your choice.

The system anchor for water-resistant carbon system joints can be used for unilateral as well as bilateral constructions.

Information Concerning Material Characteristics					
Description	Material	Strength	Breaking Elongation	Weight	Calculation of the Min. Bending Radius [R]
AL	aluminium	high	average	low	$R = 11 \times \text{material thickness}$

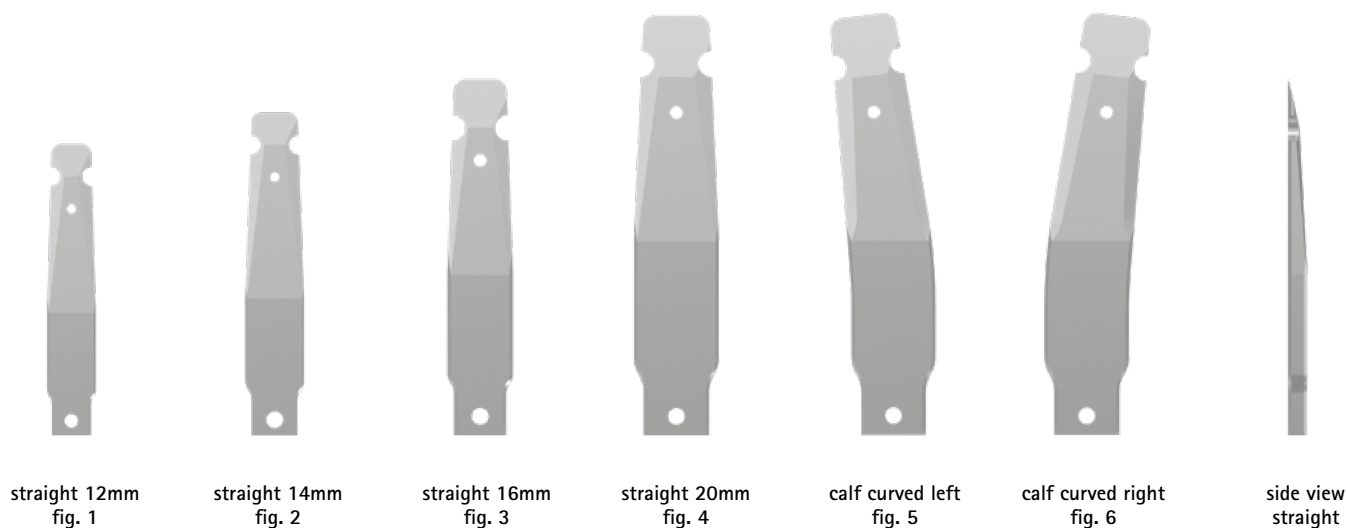
To avoid fractures when bending a system anchor, make sure not to fall below the radii indicated in the table. The bending radius depends on the thickness of the material (see table).



Production Techniques	
 <p><b>Anchor Lamination/Prepreg Technique</b> In this production technique, only the system anchors are embedded into the laminate. The joints' system cases remain free.</p>	 <p><b>Side Bar Shell Technique</b> System side bars can be processed using a production technique of your choice.</p>

All system side bars and system anchors can withstand the load only if they are processed correctly according to the production technique and mounted correctly into the orthosis. For information about the processing of system side bars and system anchors for water-resistant carbon system joints, read the **Instructions for Use for Orthotists or Qualified/Trained Experts System Side Bars and System Anchors for Carbon System Joints (PB5000-SA-DE/GB)** which is included in the scope of delivery.

You will find detailed information about our production techniques in the section "Online Tutorials" and "Producing the Orthosis" on our website [www.fior-gentz.com](http://www.fior-gentz.com).



Straight System Anchors for the NEURO SWING Carbon System Ankle Joint

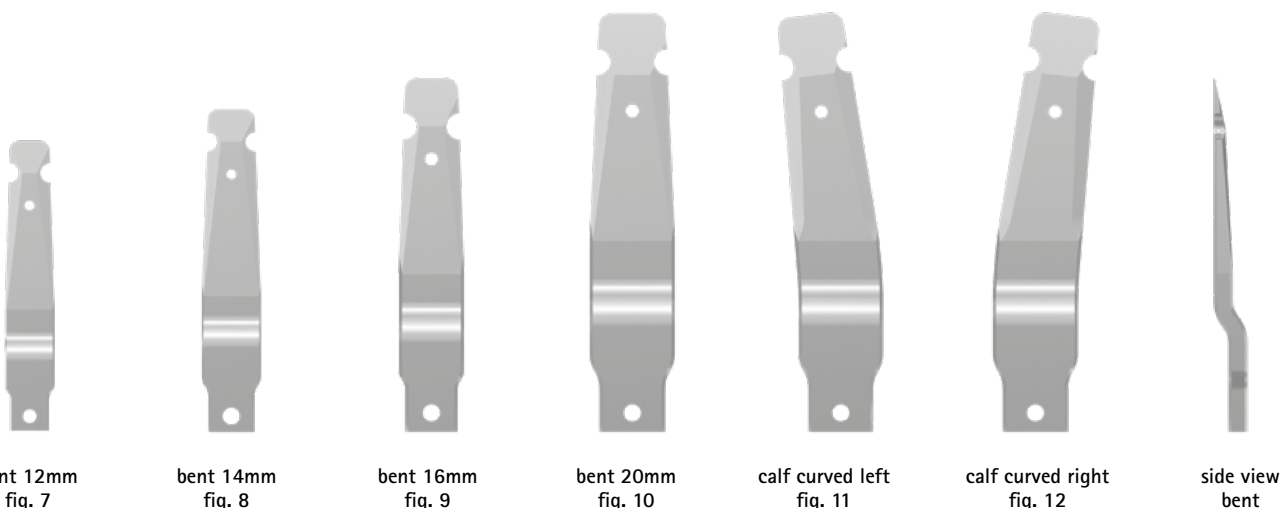
Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
1	SA5051-AL	system anchor for 12mm system joints, straight	90 x 15 x 4.7	12
2	SA5052-AL	system anchor for 14mm system joints, straight	100 x 18 x 4.9	17
3	SA5063-AL	system anchor for 16mm system joints, straight	110 x 20 x 5.9	25
4	SA5075-AL	system anchor for 20mm system joints, straight	130 x 26 x 7	47

Straight System Anchors for the NEURO CLASSIC Carbon System Ankle Joint

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
3	SA5063-AL	system anchor for 16mm system joints, straight	110 x 20 x 5,9	25

Straight System Anchors for the NEURO LOCK Carbon and the NEURO CLASSIC Carbon System Knee Joints

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
2	SA5052-AL	system anchor for 14mm system joints, straight	100 x 18 x 4.9	17
3	SA5063-AL	system anchor for 16mm system joints, straight	110 x 20 x 5.9	25
4	SA5075-AL	system anchor for 20mm system joints, straight	130 x 26 x 7	47
5	SA5252-L/AL	system anchor for 14mm system joints, calf curved left, straight	100 x 18 x 4.9	17
5	SA5263-L/AL	system anchor for 16mm system joints, calf curved left, straight	110 x 20 x 5.9	25
5	SA5275-L/AL	system anchor for 20mm system joints, calf curved left, straight	130 x 26 x 7	47
6	SA5252-R/AL	system anchor for 14mm system joints, calf curved right, straight	100 x 18 x 4.9	17
6	SA5263-R/AL	system anchor for 16mm system joints, calf curved right, straight	110 x 20 x 5.9	25
6	SA5275-R/AL	system anchor for 20mm system joints, calf curved right, straight	130 x 26 x 7	47



Bent System Anchors for the NEURO SWING Carbon System Ankle Joint

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
7	SA5151-AL	system anchor for 12mm system joints, bent	90 x 15 x 4.7	12
8	SA5152-AL	system anchor for 14mm system joints, bent	100 x 18 x 4.9	17
9	SA5163-AL	system anchor for 16mm system joints, bent	110 x 20 x 5.9	25
10	SA5175-AL	system anchor for 20mm system joints, bent	130 x 26 x 7	47

Bent System Anchors for the NEURO CLASSIC Carbon System Ankle Joint

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
9	SA5163-AL	system anchor for 16mm system joints, bent	110 x 20 x 5.9	25

Bent System Anchors for the NEURO LOCK Carbon and the NEURO CLASSIC Carbon System Knee Joints

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g]
8	SA5152-AL	system anchor for 14mm system joints, bent	90 x 15 x 4.7	12
9	SA5163-AL	system anchor for 16mm system joints, bent	110 x 20 x 5.9	25
10	SA5175-AL	system anchor for 20mm system joints, bent	130 x 26 x 7	47
11	SA5352-L/AL	system anchor for 14mm system joints, calf curved left, bent	110 x 20 x 5.9	17
11	SA5363-L/AL	system anchor for 16mm system joints, calf curved left, bent	110 x 20 x 5.9	25
11	SA5375-L/AL	system anchor for 20mm system joints, calf curved left, bent	130 x 26 x 7	47
12	SA5352-R/AL	system anchor for 14mm system joints, calf curved right, bent	100 x 18 x 4.9	17
12	SA5363-R/AL	system anchor for 16mm system joints, calf curved right, bent	110 x 20 x 5.9	25
12	SA5375-R/AL	system anchor for 20mm system joints, calf curved right, bent	130 x 26 x 7	47



straight 12mm  
fig. 13



straight 14mm  
fig. 14



straight 16mm  
fig. 15



straight 20mm  
fig. 16

#### Straight System Side Bars for Carbon System Knee and Ankle Joints

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g/cm]
13	SS5051-AL	system side bar for 12mm system joints, straight	265 x 15 x 4.6	1.6
14	SS5052-AL	system side bar for 14mm system joints, straight	300 x 18 x 4.9	1.9
15	SS5063-AL	system side bar for 16mm system joints, straight	450 x 20 x 5.9	2.6
16	SS5075-AL	system side bar for 20mm system joints, straight	530 x 26 x 6.9	3.8



bent 12mm  
fig. 17



bent 14mm  
fig. 18



bent 16mm  
fig. 19



bent 20mm  
fig. 20

#### Bent System Side Bars for Carbon System Knee and Ankle Joints

Fig.	Article Number	Description	Length x Width x Thickness [mm]	Weight [g/cm]
17	SS5151-AL	system side bar for 12mm system joints, bent	265 x 15 x 4.6	1.6
18	SS5152-AL	system side bar for 14mm system joints, bent	300 x 18 x 4.9	1.9
19	SS5163-AL	system side bar for 16mm system joints, bent	450 x 20 x 5.9	2.6
20	SS5175-AL	system side bar for 20mm system joints, bent	530 x 26 x 6.9	3.8