

## System Side Bars and System Anchors

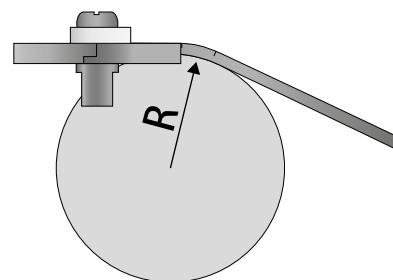
System side bars and system anchors are connecting elements. A system side bar can, for example, directly connect a system knee joint with a system ankle joint. A system anchor connects a system knee joint or a system ankle joint with the shell of a laminated orthosis. It is embedded into the laminate. 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.

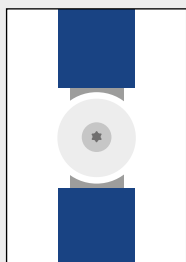
To ensure an optimum choice of system side bar and system anchor material for each orthosis type, use our Orthosis Configurator. It determines the most suitable system side bar and system anchor material based on the patient data and the desired production technique and according to the principle **As 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).

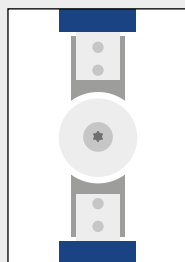


## Production Techniques



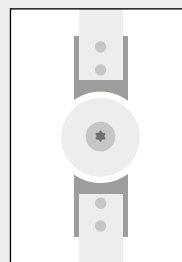
### Joint Lamination/Prepreg Technique

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.

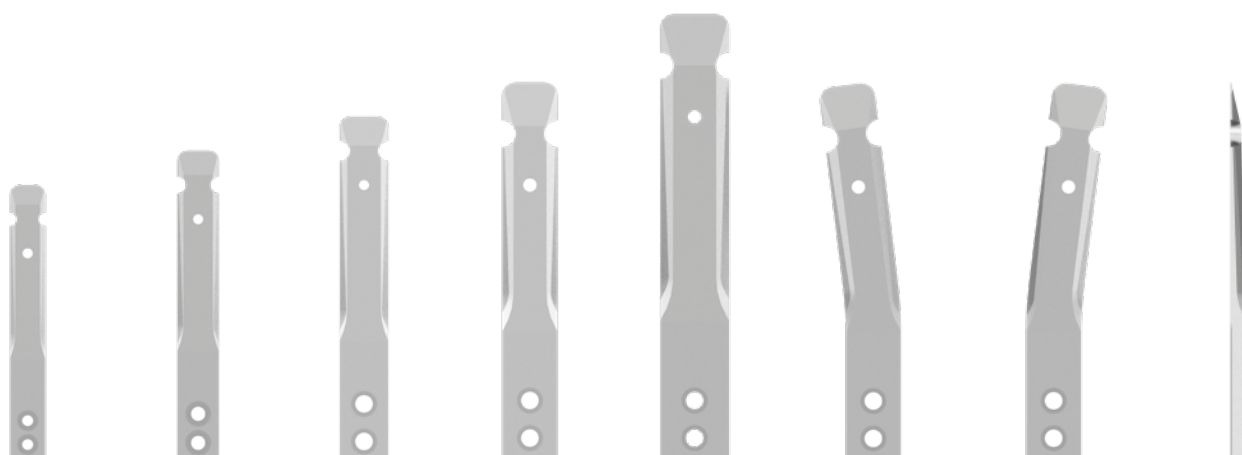


### Side Bar Shell Technique

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         |

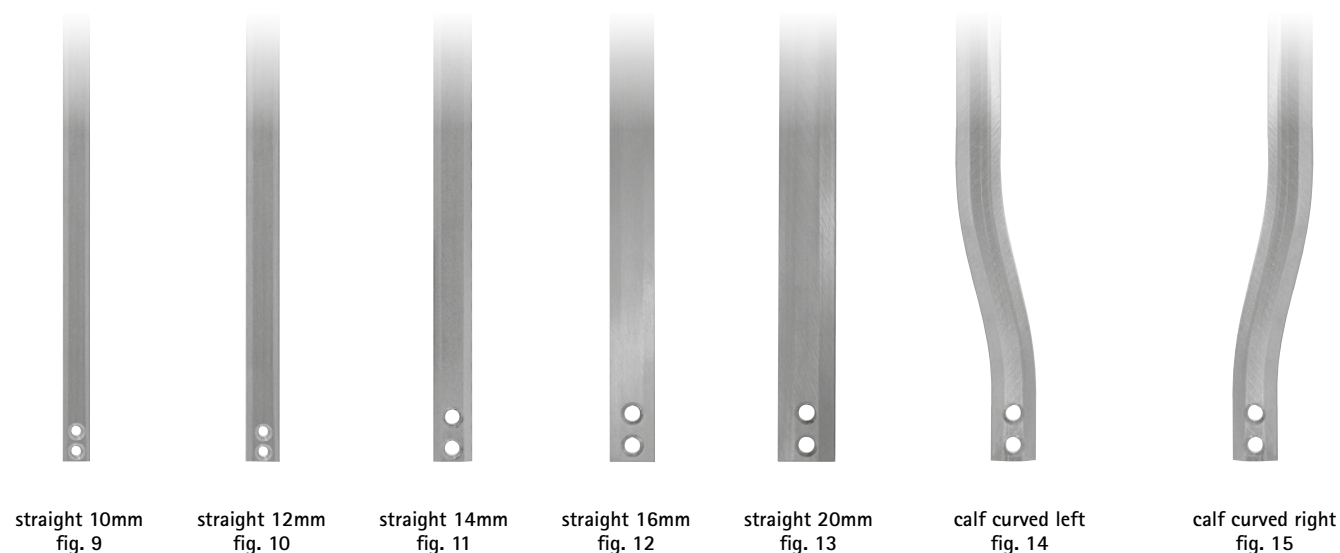
\* The scope of delivery of a system anchor always contains two fastening screws.

## 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)





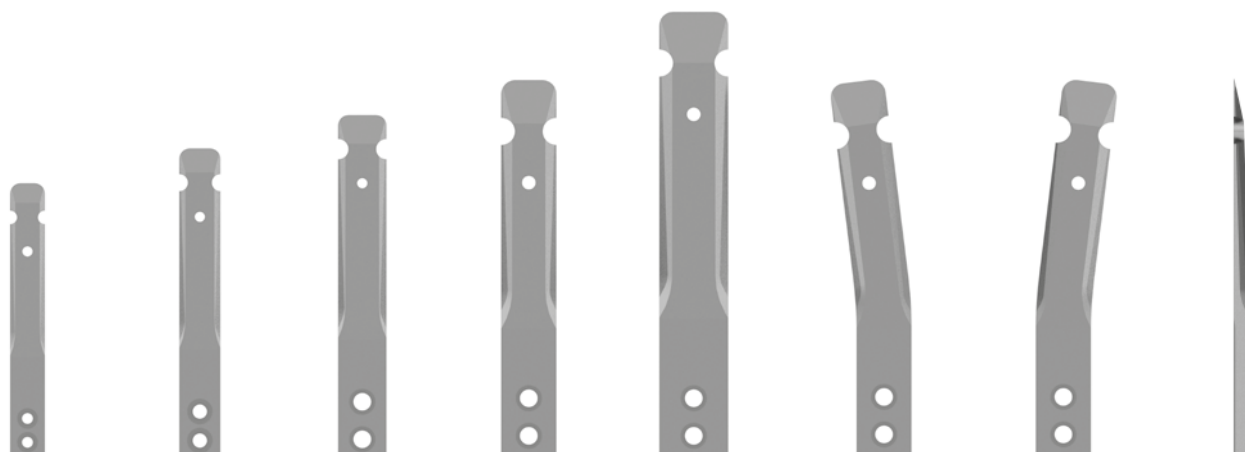
| Aluminium System Side Bars* |                |   |                                 |               |
|-----------------------------|----------------|---|---------------------------------|---------------|
| Fig.                        | Article Number | Description   | Length x Width x Thickness [mm] | 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 |



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         |

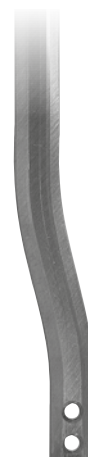
\* The scope of delivery of a system anchor always contains two fastening screws.

## 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

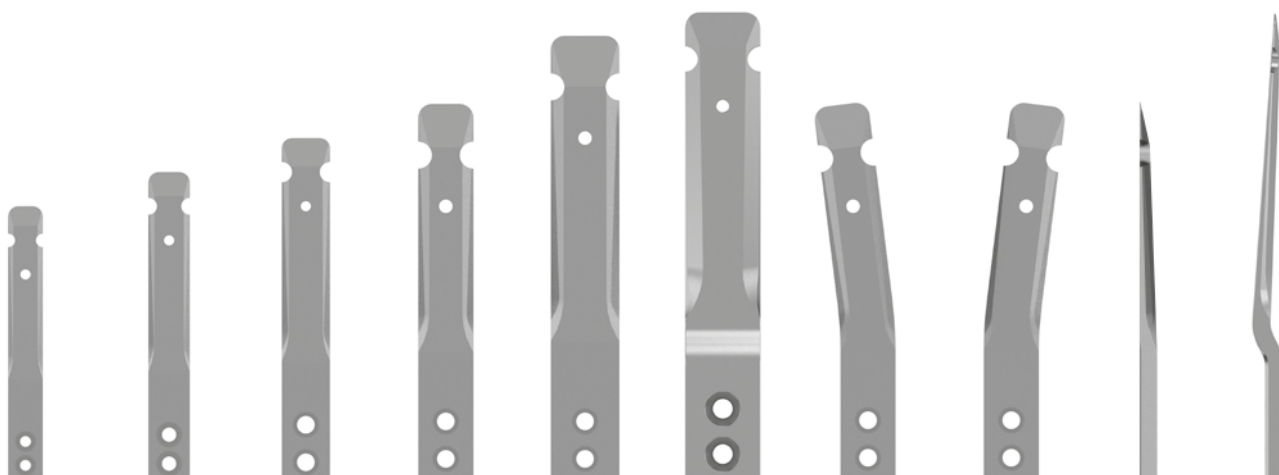
| Fig.                            | Article Number | Description                                      | Length x Thickness [mm] | Weight [g/cm] |
|---------------------------------|----------------|--|-------------------------|---------------|
| similar to fig. 10 without bore | SS1041-TI/00   | one-metre 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. 1    straight 12mm fig. 2    straight 14mm fig. 3    straight 16mm fig. 4    straight 20mm fig. 5    bent 24mm fig. 6    calf curved left fig. 7    calf curved right fig. 8    side view straight    side view bent

#### 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    | SA2197-TI      | system anchor for 24mm system joints, bent              | 150 x 24 x 6                    | 66         |
| 7    | SA2241-L/TI    | system anchor for 12mm system joints, calf curved left  | 90 x 12 x 3.5                   | 12         |
| 7    | SA2242-L/TI    | system anchor for 14mm system joints, calf curved left  | 100 x 14 x 4                    | 18         |
| 7    | SA2263-L/TI    | system anchor for 16mm system joints, calf curved left  | 110 x 16 x 5                    | 25         |
| 7    | SA2285-L/TI    | system anchor for 20mm system joints, calf curved left  | 130 x 20 x 6                    | 41         |
| 8    | SA2241-R/TI    | system anchor for 12mm system joints, calf curved right | 90 x 12 x 3.5                   | 12         |
| 8    | SA2242-R/TI    | system anchor for 14mm system joints, calf curved right | 100 x 14 x 4                    | 18         |
| 8    | SA2263-R/TI    | system anchor for 16mm system joints, calf curved right | 110 x 16 x 5                    | 25         |
| 8    | SA2285-R/TI    | system anchor for 20mm system joints, calf curved right | 130 x 20 x 6                    | 41         |

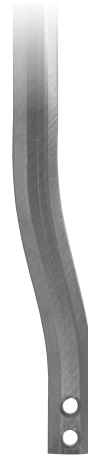
\* The scope of delivery of a system anchor always contains two fastening screws.

#### Fastening Screw for System Side Bars and System Anchors (Fig. 9)

| 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 |
| SC5406-L10     | 24mm         | raised countersunk head screw with hexalobular socket, M6 x 10 | piece |

#### Fastening Screw (Fig. 9)



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

## Titanium Grade 5 System Side Bars\*

| Fig. | Article Number | Description   | Length x Width x Thickness [mm] | Weight [g/cm] |
|------|----------------|---|---------------------------------|---------------|
| 10   | SS2040-TI      | system side bar for 10mm system joints, straight          | 200 x 10 x 3                    | 1.3           |
| 11   | SS2041-TI      | system side bar for 12mm system joints, straight          | 225 x 12 x 3.5                  | 1.8           |
| 12   | SS2042-TI      | system side bar for 14mm system joints, straight          | 250 x 14 x 4                    | 2.4           |
| 13   | SS2063-TI      | system side bar for 16mm system joints, straight          | 410 x 16 x 4.5                  | 3.0           |
| 14   | SS2085-TI      | system side bar for 20mm system joints, straight          | 480 x 20 x 6                    | 4.1           |
| 15   | SS2241-L/TI    | system side bar for 12mm system joints, calf curved left  | 265 x 12 x 3.5                  | 1.8           |
| 15   | SS2242-L/TI    | system side bar for 14mm system joints, calf curved left  | 300 x 14 x 4                    | 2.4           |
| 15   | SS2263-L/TI    | system side bar for 16mm system joints, calf curved left  | 450 x 16 x 4.5                  | 3.0           |
| 15   | SS2285-L/TI    | system side bar for 20mm system joints, calf curved left  | 530 x 20 x 6                    | 4.1           |
| 16   | SS2241-R/TI    | system side bar for 12mm system joints, calf curved right | 265 x 12 x 3.5                  | 1.8           |
| 16   | SS2242-R/TI    | system side bar for 14mm system joints, calf curved right | 300 x 14 x 4                    | 2.4           |
| 16   | SS2263-R/TI    | system side bar for 16mm system joints, calf curved right | 450 x 16 x 4.5                  | 3.0           |
| 16   | 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. 11 without bore | SS2041-TI/00   | one-metre system side bar for 12mm system joints | 1000 x 3.5              | 1.8           |
| similar to fig. 12 without bore | SS2042-TI/00   | one-metre system side bar for 14mm system joints | 1000 x 4                | 2.4           |
| similar to fig. 13 without bore | SS2063-TI/00   | one-metre system side bar for 16mm system joints | 1000 x 5                | 3.1           |
| similar to fig. 14 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. 17)

| 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. 17)





## System Side Bars and System Anchors for Carbon System Joints

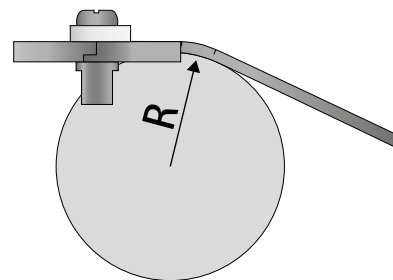
System side bars and system anchors are connecting elements. The system anchor for water-resistant carbon system joints connects the system joint to the shell of a laminated orthosis. We developed this anchor for the production of a laminated orthosis using the anchor lamination technique. In this production 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.

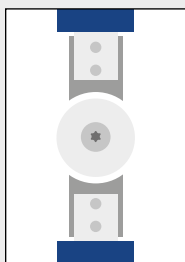
### Information Concerning Material Characteristics

| 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).

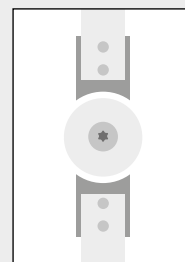


### Production Techniques



#### Anchor Lamination/Prepreg Technique

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

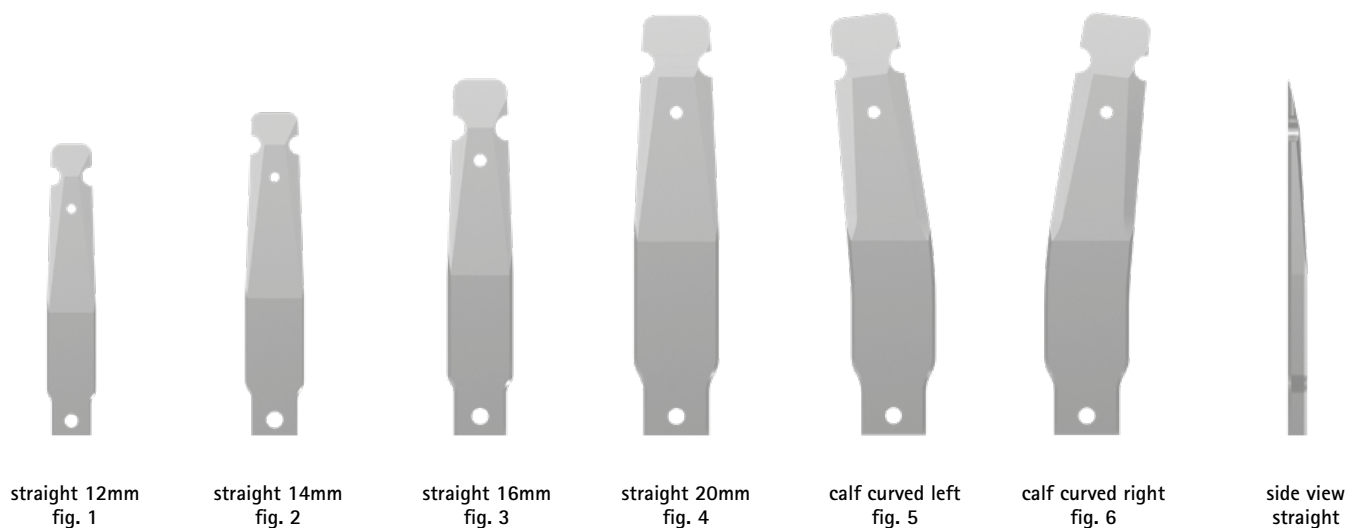


#### Side Bar Shell Technique

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 the processing of system side bars and system anchors for water-resistant carbon system joints, read the **Instructions for Use for Qualified Specialists in Orthopaedic Technology 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

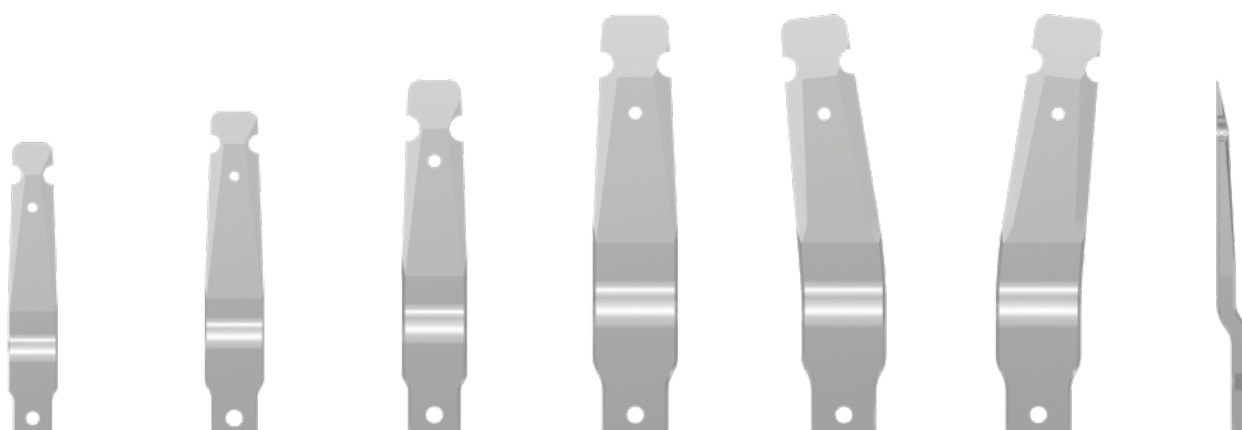
| Fig. | Article Number | Description                                    | Length x Width x Thickness [mm] | Weight [g] |
|------|----------------|--|---------------------------------|------------|
| 1    | SA5051-AL      | system anchor for 12mm system joints, straight | 90 x 15 x 4.7                   | 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 12mm  
fig. 7bent 14mm  
fig. 8bent 16mm  
fig. 9bent 20mm  
fig. 10calf curved left  
fig. 11calf curved right  
fig. 12side view  
bent**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           |