



## Perfect Lock LOCKING PLATE SYSTEM SMALL FRAGMENT





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### Titanium T-Plate Oblique Angled 3.5 mm Locking Plate

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
Applicable for main Fixation Fractures, dorsal aspect of the distal Radius

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>1,5 mm</i>
<i>Plate width</i>	<i>10 mm</i>

Item no.	Holes	Length
<b>4126-0133</b>	3 hole shaft + 3 hole head LEFT	51 mm
<b>4126-0143</b>	4 hole shaft + 3 hole head LEFT	63 mm
<b>4126-0153</b>	5 hole shaft + 3 hole head LEFT	75 mm
<b>4126-0163</b>	6 hole shaft + 3 hole head LEFT	87 mm
<b>4126-0233</b>	3 hole shaft + 3 hole head RIGHT	51 mm
<b>4126-0243</b>	4 hole shaft + 3 hole head RIGHT	63 mm
<b>4126-0253</b>	5 hole shaft + 3 hole head RIGHT	75 mm
<b>4126-0263</b>	6 hole shaft + 3 hole head RIGHT	87 mm



### Titanium Anatomical T-Plate Right Angled 3.5 mm Locking Plate

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
Applicable for main Fixation Fractures, Volar aspect of the distal Radius Left and Right

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>1,5 mm</i>
<i>Plate width</i>	<i>10 mm</i>

Item no.	Holes	Length
<b>4126-0333</b>	3 Hole in Shaft + 3 Hole in Head	50 mm
<b>4126-0343</b>	4 Hole in Shaft + 3 Hole in Head	62 mm
<b>4126-0353</b>	5 Hole in Shaft + 3 Hole in Head	74 mm
<b>4126-0334</b>	3 Hole in Shaft + 4 Hole in Head	50 mm
<b>4126-0344</b>	4 Hole in Shaft + 4 Hole in Head	62 mm
<b>4126-0364</b>	6 Hole in Shaft + 4 Hole in Head	86 mm



### Titanium Radius Plate, Prebent Anatomical 3,5mm Locking Plate

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
 Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
 Applicable for main Fixation in Fractures, volar aspect of the distal Radius left and right

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>1,5 mm</i>
<i>Plate width</i>	<i>10 mm</i>

Item no.	Holes	Length
<b>4124-0136</b>	3 hole in shaft + 6 hole in head LEFT	62 mm
<b>4124-0146</b>	4 hole in shaft + 6 hole in head LEFT	72 mm
<b>4124-0236</b>	3 hole in shaft + 6 hole in head RIGHT	62 mm
<b>4124-0246</b>	4 hole in shaft + 6 hole in head RIGHT	72 mm



### Titanium Radius Plate Prebent 3,5mm Locking Plate

Used with  $\varnothing$  2.7mm Titanium Screws  
 in Combination with  $\varnothing$  3.5mm and  $\varnothing$  4.0mm Titanium Standard Screws  
 Applicable for main Fixation Fractures, volar aspect of the distal Radius  
 with Window for Fracture Visualization and Articular Reconstruction

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>1,5 mm</i>
<i>Plate width Shaft</i>	<i>9,0 mm</i>

Item no.	Holes	Length
<b>4124-0426</b>	2 Hole in Shaft + 6 Hole in Head LEFT	50 mm
<b>4124-0436</b>	3 Hole in Shaft + 6 Hole in Head LEFT	60 mm
<b>4124-0446</b>	4 Hole in Shaft + 6 Hole in Head LEFT	70 mm
<b>4124-0456</b>	5 Hole in Shaft + 6 Hole in Head LEFT	80 mm
<b>4124-0466</b>	6 Hole in Shaft + 6 Hole in Head LEFT	90 mm
<b>4124-0526</b>	2 Hole in Shaft + 6 Hole in Head RIGHT	50 mm
<b>4124-0536</b>	3 Hole in Shaft + 6 Hole in Head RIGHT	60 mm
<b>4124-0546</b>	4 Hole in Shaft + 6 Hole in Head RIGHT	70 mm
<b>4124-0556</b>	5 Hole in Shaft + 6 Hole in Head RIGHT	80 mm
<b>4124-0566</b>	6 Hole in Shaft + 6 Hole in Head RIGHT	90 mm





### Titanium Plate 3.5 mm small, straight Combi Hole Low Touch Locking Plate

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
Applicable for Fixation Ulna / Radius- and Humeral Shaft Fractures

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,0 mm</i>
<i>Plate width</i>	<i>11 mm</i>
<i>Hole spacing</i>	<i>13 mm</i>

Item no.	Holes	Length
<b>4120-1004</b>	4	59 mm
<b>4120-1005</b>	5	72 mm
<b>4120-1006</b>	6	85 mm
<b>4120-1007</b>	7	98 mm
<b>4120-1008</b>	8	111 mm
<b>4120-1009</b>	9	124 mm
<b>4120-1010</b>	10	137 mm
<b>4120-1011</b>	11	150 mm
<b>4120-1012</b>	12	163 mm
<b>4120-1014</b>	14	189 mm



### Titanium Reconstruction Plate 3.5 mm, straight Standard Hole Locking Plate

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
Applicable for main Fixation in Pelvic and Acetabular Fractures  
also they may sometimes be used in Fractures of the distal Humeral  
(dorsal lateral aspect ) and the Clavicle and Calcaneus

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,1 mm</i>
<i>Plate width</i>	<i>10 mm</i>
<i>Hole spacing</i>	<i>12 mm</i>

Item no.	Holes	Length
<b>4150-0005</b>	5	58 mm
<b>4150-0006</b>	6	70 mm
<b>4150-0007</b>	7	82 mm
<b>4150-0008</b>	8	94 mm
<b>4150-0009</b>	9	106 mm
<b>4150-0010</b>	10	118 mm
<b>4150-0012</b>	12	142 mm
<b>4150-0014</b>	14	166 mm
<b>4150-0016</b>	16	190 mm
<b>4150-0018</b>	18	214 mm
<b>4150-0020</b>	20	238 mm
<b>4150-0022</b>	22	262 mm



### Titanium Reconstruction Plate 3.5 mm, straight Combi Hole Locking Plate

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
Applicable for main Fixation in Pelvic and Acetabular Fractures  
also they may sometimes be used in Fractures of the  
distal Humeral ( dorsal lateral aspect ) and the Clavicle and Calcaneus

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>2,8 mm</i>
<i>Plate width</i>	<i>10 mm</i>
<i>Hole spacing</i>	<i>14,5mm</i>

Item no.	Holes	Length
<b>4150-1005</b>	5	70,5 mm
<b>4150-1006</b>	6	80,0 mm
<b>4150-1007</b>	7	99,5 mm
<b>4150-1008</b>	8	114,0 mm
<b>4150-1009</b>	9	128,5 mm
<b>4150-1010</b>	10	143,0 mm
<b>4150-1012</b>	12	172,0 mm
<b>4150-1014</b>	14	201,0 mm
<b>4150-1016</b>	16	230,0 mm
<b>4150-1018</b>	18	259,0 mm
<b>4150-1020</b>	20	288,0 mm
<b>4150-1022</b>	22	317,0 mm



### Titanium Reconstruction Plate 3.5 mm, curved Combi Hole Locking Plate 3,5 Ti Recon Plate

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
Applicable for main Fixation in Pelvic and Acetabular Fractures  
also they may sometimes be used in Fractures of the  
distal Humeral ( dorsal lateral aspect ) and the Clavicle and Calcaneus

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,1 mm</i>
<i>Plate width</i>	<i>10 mm</i>

Item no.	Holes	Length
<b>4150-1104</b>	4	56 mm
<b>4150-1106</b>	6	83 mm
<b>4150-1108</b>	8	109 mm
<b>4150-1110</b>	10	132 mm
<b>4150-1112</b>	12	153 mm
<b>4150-1114</b>	14	171 mm
<b>4150-1116</b>	16	186 mm
<b>4150-1118</b>	18	198 mm
<b>4150-1120</b>	20	206 mm
<b>4150-1122</b>	22	210 mm





### Titanium One Third Tubular Locking Plate 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
in Combination with ø 3.5mm and ø 4.0mm Titanium Standard Screws  
Applicable for Fixation Fibula, Middle-Hand, and Middle-Foot Fractures

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>1,2 mm</i>
<i>Plate width Shaft</i>	<i>9,5 mm</i>
<i>Hole spacing</i>	<i>12 / 16 mm</i>

Item no.	Holes	Length
<b>4122-1002</b>	2	25 mm
<b>4122-1003</b>	3	37 mm
<b>4122-1004</b>	4	49 mm
<b>4122-1005</b>	5	61 mm
<b>4122-1006</b>	6	73 mm
<b>4122-1007</b>	7	85 mm
<b>4122-1008</b>	8	97 mm
<b>4122-1009</b>	9	109 mm
<b>4122-1010</b>	10	121 mm
<b>4122-1011</b>	11	133 mm
<b>4122-1012</b>	12	145 mm
<b>4122-1014</b>	14	169 mm



### Titanium Distal Humeral Locking Plate distal-medial 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
in Combination with Ø 3.5 mm and Ø 4.0 mm Titanium Standard Screws  
Applicable for Fixation Distal Humeral Fractures

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>2,5 mm</i>
<i>Plate width</i>	<i>11,4 mm</i>
<i>Hole spacing</i>	<i>13 mm</i>

Item no.	Holes	Length
<b>4132-1103</b>	3 Holes, LEFT	59 mm
<b>4132-1105</b>	5 Holes, LEFT	84 mm
<b>4132-1107</b>	7 Holes, LEFT	110 mm
<b>4132-1109</b>	9 Holes, LEFT	136 mm
<b>4132-1111</b>	11 Holes LEFT	162 mm
<b>4132-1114</b>	14 Holes, LEFT	201 mm
<b>4132-1203</b>	3 Holes, RIGHT	59 mm
<b>4132-1205</b>	5 Holes, RIGHT	84 mm
<b>4132-1207</b>	7 Holes, RIGHT	110 mm
<b>4132-1209</b>	9 Holes, RIGHT	136 mm
<b>4132-1211</b>	11 Holes RIGHT	162 mm
<b>4132-1214</b>	14 Holes, RIGHT	201 mm



### Titanium Distal Humeral Locking Plate dorsolateral 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
Combination with Ø 3.5 mm and Ø 4.0 mm Titanium Standard Screws  
Applicable for Fixation Distal Humeral Fracture

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>2,5 mm</i>
<i>Plate width</i>	<i>11,4 mm</i>
<i>Hole spacing</i>	<i>13 mm</i>

Item no.	Holes	Length
<b>4134-1103</b>	3 Holes, LEFT	65 mm
<b>4134-1105</b>	5 Holes, LEFT	91 mm
<b>4134-1107</b>	7 Holes, LEFT	117 mm
<b>4134-1109</b>	9 Holes, LEFT	143 mm
<b>4134-1111</b>	11 Holes LEFT	169 mm
<b>4134-1114</b>	14 Holes, LEFT	208 mm
<b>4134-1203</b>	3 Holes, RIGHT	65 mm
<b>4134-1205</b>	5 Holes, RIGHT	91 mm
<b>4134-1207</b>	7 Holes, RIGHT	117 mm
<b>4134-1209</b>	9 Holes, RIGHT	143 mm
<b>4134-1211</b>	11 Holes RIGHT	169 mm
<b>4134-1214</b>	14 Holes, RIGHT	208 mm





### Titanium Distal Humeral Locking Plate medial 3,5mm

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5mm and  $\varnothing$  4.0mm Titanium Standard Screws  
Applicable for Fixation Distal Humeral Fractures , Left and Right

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,3 mm</i>
<i>Plate width</i>	<i>11,5 mm</i>
<i>Hole spacing</i>	<i>13 mm</i>

Item no.	Holes	Length
<b>4136-0006</b>	6	80 mm
<b>4136-0007</b>	7	93 mm
<b>4136-0008</b>	8	106 mm
<b>4136-0010</b>	10	132 mm
<b>4136-0012</b>	12	158 mm
<b>4136-0014</b>	14	184 mm



### Titanium Proximal Humeral Locking Plate 3,5mm

Used with Titanium  $\varnothing$  3.5 mm Locking Screws in Combination  
with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws.  
Applicable for Proximal Humeral Fractures Left and Right

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,0 mm</i>
<i>Plate width shaft</i>	<i>12 mm</i>
<i>Plate width head</i>	<i>20 mm</i>
<i>Hole spacing</i>	<i>10 mm</i>

Item no.	Holes	Length
<b>4130-0003</b>	3	90 mm
<b>4130-0004</b>	4	100 mm
<b>4130-0005</b>	5	110 mm
<b>4130-0006</b>	6	120mm
<b>4130-0007</b>	7	130mm
<b>4130-0008</b>	8	140mm
<b>4130-0009</b>	9	150mm
<b>4130-0010</b>	10	160 mm
<b>4130-0011</b>	11	170 mm
<b>4130-0012</b>	12	180mm



## Titanium Clavicle Hook Locking Plate 3,5mm

Used with Titanium Ø 3.5 mm Locking Screws  
in Combination with Ø 3.5mm and Ø 4.0mm Titanium Standard Screws  
Applicable for Repair in the Treatment of Fixation displaced  
Acromio Clavicular Joint Dislocation

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,6 mm</i>
<i>Plate width Shaft</i>	<i>10,0 mm</i>
<i>Plate width Head</i>	<i>23,0 mm</i>
<i>Hole spacing</i>	<i>10,4 mm</i>

Item no.	Holes	Length
<b>4140-1145</b>	4 Hole x Hook Depth 15 mm LEFT	37,8 mm
<b>4140-1148</b>	4 Hole x Hook Depth 18 mm LEFT	37,8 mm
<b>4140-1155</b>	5 Hole x Hook Depth 15 mm LEFT	48,2 mm
<b>4140-1158</b>	5 Hole x Hook Depth 18 mm LEFT	48,2 mm
<b>4140-1165</b>	6 Hole x Hook Depth 15 mm LEFT	58,5 mm
<b>4140-1168</b>	6 Hole x Hook Depth 18 mm LEFT	58,5 mm
<b>4140-1175</b>	7 Hole x Hook Depth 15mm LEFT	68,5 mm
<b>4140-1178</b>	7 Hole x Hook Depth 48mm LEFT	68,5 mm
<b>4140-1185</b>	8 Hole x Hook Depth 15 mm LEFT	78,3 mm
<b>4140-1188</b>	8 Hole x Hook Depth 18 mm LEFT	78,3 mm
<b>4140-1245</b>	4 Hole x Hook Depth 15 mm RIGHT	38,8 mm
<b>4140-1248</b>	4 Hole x Hook Depth 18 mm RIGHT	37,8 mm
<b>4140-1255</b>	5 Hole x Hook Depth 15 mm RIGHT	48,2 mm
<b>4140-1258</b>	5 Hole x Hook Depth 18 mm RIGHT	48,2 mm
<b>4140-1265</b>	6 Hole x Hook Depth 15 mm RIGHT	58,5 mm
<b>4140-1268</b>	6 Hole x Hook Depth 18 mm RIGHT	58,5 mm
<b>4140-1275</b>	7 Hole x Hook Depth 15mm RIGHT	68,5 mm
<b>4140-1278</b>	7 Hole x Hook Depth 18mm RIGHT	68,5 mm
<b>4140-1285</b>	8 Hole x Hook Depth 15 mm RIGHT	78,3 mm
<b>4140-1288</b>	8 Hole x Hook Depth 18mm RIGHT	78,3 mm





### Titanium SB Clavicle Locking Plate 3,5mm

Used with Titanium Ø 3.5 mm Locking Screws  
in Combination with Ø 3.5mm and Ø 4.0mm Titanium Standard Screws  
Applicable for Repair in the Treatment of Fixation displaced  
Acromio Clavicular Joint Dislocation

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,3 mm</i>
<i>Plate width</i>	<i>10,5 mm</i>

Item no.	Holes	Length
<b>4142-1106</b>	6 Hole RIGHT	94 mm
<b>4142-1107</b>	7 Hole RIGHT	110 mm
<b>4142-1108</b>	8 Hole RIGHT	120 mm
<b>4142-1110</b>	10 Hole RIGHT	140 mm
<b>4142-1206</b>	6 Hole LEFT	94 mm
<b>4142-1207</b>	7 Hole LEFT	110 mm
<b>4142-1208</b>	8 Hole LEFT	120 mm
<b>4142-1210</b>	10 Hole LEFT	140 mm



### Titanium SB Clavicle Locking Plate 3,5mm

Used with Titanium Ø 3.5 mm Locking Screws  
in Combination with Ø 3.5mm and Ø 4.0mm Titanium Standard Screws  
Applicable for Repair in the Treatment of Fixation displaced  
Acromio Clavicular Joint Dislocation

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,0 mm</i>
<i>Plate width</i>	<i>10,0 mm</i>

Item no.	Holes	Length
<b>4144-1103</b>	3 Hole LEFT	66 mm
<b>4144-1104</b>	4 Hole LEFT	80 mm
<b>4144-1105</b>	5 Hole LEFT	94 mm
<b>4144-1106</b>	6 Hole LEFT	108 mm
<b>4144-1107</b>	7 Hole LEFT	122 mm
<b>4144-1108</b>	8 Hole LEFT	136 mm
<b>4144-1203</b>	3 Hole RIGHT	66 mm
<b>4144-1204</b>	4 Hole RIGHT	80 mm
<b>4144-1205</b>	5 Hole RIGHT	94 mm
<b>4144-1206</b>	6 Hole RIGHT	108 mm
<b>4144-1207</b>	7 Hole RIGHT	122 mm
<b>4144-1208</b>	8 Hole RIGHT	136 mm



## Titanium Olecranon Locking Plate medial 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
 Combination with Ø 3.5 mm and Ø 4.0 mm Titanium Standard Screws  
 Applicable for Repair and Fixation Olecranon and Proximal Ulnar Fractures

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,0 mm</i>
<i>Plate width</i>	<i>10,0 mm</i>
<i>Hole spacing</i>	<i>13,0 mm</i>

Item no.	Holes	Length
<b>4138-0102</b>	2 LEFT	86 mm
<b>4138-0104</b>	4 LEFT	112 mm
<b>4138-0105</b>	5 LEFT	133 mm
<b>4138-0106</b>	6 LEFT	138 mm
<b>4138-0108</b>	8 LEFT	164 mm
<b>4138-0110</b>	10 LEFT	190 mm
<b>4138-0112</b>	12 LEFT	216 mm
<b>4138-0202</b>	2 RIGHT	86 mm
<b>4138-0204</b>	4 RIGHT	112 mm
<b>4138-0205</b>	5 RIGHT	133 mm
<b>4138-0206</b>	6 RIGHT	138 mm
<b>4138-0208</b>	8 RIGHT	164 mm
<b>4138-0210</b>	10 RIGHT	190 mm
<b>4138-0212</b>	12 RIGHT	216 mm



## Titanium Proximal Tibia Locking Plate lateral 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
in Combination with Ø 3.5mm and Ø 4.0 mm Titanium Standard Screws  
Applicable for Fixation Tibia Fracture including buttressing of Fractures of the proximal, distal metaphyseal Tibia Areas

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>4,2 mm</i>
<i>Plate width Shaft</i>	<i>15,0 mm</i>
<i>Hole spacing</i>	<i>16,0 mm</i>

Item no.	Holes	Length
<b>4162-1104</b>	4 LEFT	82 mm
<b>4162-1106</b>	6 LEFT	114 mm
<b>4162-1108</b>	8 LEFT	146 mm
<b>4162-1110</b>	10 LEFT	178 mm
<b>4162-1112</b>	12 LEFT	210 mm
<b>4162-1114</b>	14 LEFT	242 mm
<b>4162-1116</b>	16 LEFT	274 mm
<b>4162-1204</b>	4 RIGHT	82 mm
<b>4162-1206</b>	6 RIGHT	114 mm
<b>4162-1208</b>	8 RIGHT	146 mm
<b>4162-1210</b>	10 RIGHT	178 mm
<b>4162-1212</b>	12 RIGHT	210 mm
<b>4162-1214</b>	14 RIGHT	242 mm
<b>4162-1216</b>	16 RIGHT	274 mm



### Titanium Distal Tibia Locking Plate anterolateral 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
in Combination with ø 3.5mm and ø 4.0 mm Titanium Standard Screws  
Applicable for Repair and Fixation Distal Tibia- and Shaft Fractures.

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>4,0 mm</i>
<i>Plate width Shaft</i>	<i>13,0 mm</i>
<i>Plate width Head</i>	<i>30,8 mm</i>
<i>Hole spacing</i>	<i>12,5 mm</i>

Item no.	Holes	Length
<b>4164-1105</b>	5 LEFT	80 mm
<b>4164-1107</b>	7 LEFT	106 mm
<b>4164-1109</b>	9 LEFT	132 mm
<b>4164-1111</b>	11 LEFT	158 mm
<b>4164-1113</b>	13 LEFT	184 mm
<b>4164-1115</b>	15 LEFT	210 mm
<b>4164-1117</b>	17 LEFT	236 mm
<b>4164-1119</b>	19 LEFT	262 mm
<b>4164-1121</b>	21 LEFT	288 mm
<b>4164-1205</b>	5 RIGHT	80 mm
<b>4164-1207</b>	7 RIGHT	106 mm
<b>4164-1209</b>	9 RIGHT	132 mm
<b>4164-1211</b>	11 RIGHT	158 mm
<b>4164-1213</b>	13 RIGHT	184 mm
<b>4164-1215</b>	15 RIGHT	210 mm
<b>4164-1217</b>	17 RIGHT	236 mm
<b>4164-1219</b>	19 RIGHT	262 mm
<b>4164-1221</b>	21 RIGHT	288 mm







## Titanium Distal Tibia Locking Plate medial 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
in Combination with Ø 3.5mm and Ø 4.0 mm Titanium Standard Screws  
Applicable for Fixation Distal Tibia Fractures

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>4,0 mm</i>
<i>Plate width Shaft</i>	<i>12,0 mm</i>
<i>Plate width Head</i>	<i>12,0 mm</i>
<i>Hole spacing</i>	<i>13,5 mm</i>

Item no	Holes	Length
<b>4166-0104</b>	4 RIGHT	117 mm
<b>4166-0106</b>	6 RIGHT	144 mm
<b>4166-0108</b>	8 RIGHT	171 mm
<b>4166-0110</b>	10 RIGHT	198 mm
<b>4166-0112</b>	12 RIGHT	225 mm
<b>4166-0114</b>	14 RIGHT	252 mm
<b>4166-0204</b>	4 LEFT	117 mm
<b>4166-0206</b>	6 LEFT	144 mm
<b>4166-0208</b>	8 LEFT	171 mm
<b>4166-0210</b>	10 LEFT	198 mm
<b>4166-0212</b>	12 LEFT	225 mm
<b>4166-0214</b>	14 LEFT	252 mm



## Titanium Metaphyseal Locking Plate straight 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
in Combination with ø 3.5mm and ø 4.0mm Titanium Standard Screws

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,3 mm</i>
<i>Plate width Shaft</i>	<i>11,0 mm</i>
<i>Hole spacing</i>	<i>13 / 12 mm</i>

Item no.	Holes	Length
<b>4168-0006</b>	6 Holes	86 mm
<b>4168-0007</b>	7 Holes	99 mm
<b>4168-0008</b>	8 Holes	112 mm
<b>4168-0009</b>	9 Holes	125 mm
<b>4168-0010</b>	10 Holes	138 mm
<b>4168-0011</b>	11 Holes	151 mm
<b>4168-0012</b>	12 Holes	164 mm
<b>4168-0014</b>	14 Holes	190 mm
<b>4168-0016</b>	16 Holes	216 mm
<b>4168-0018</b>	18 Holes	242 mm
<b>4168-0020</b>	20 Holes	268 mm



### Titanium Distal Fibula Locking Plate 3,5mm

Used with Titanium Ø 2,7 mm and Ø 3.5 mm Locking Screws  
in Combination with Ø 3.5mm and Ø 4.0 mm Titanium Standard Screws  
Applicable for Repair and Fixation Distal Fibula - and Shaft Fractures.

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>3,0 mm</i>
<i>Plate width Shaft</i>	<i>11,0 mm</i>
<i>Plate width Head</i>	<i>18,0 mm</i>
<i>Hole spacing</i>	<i>13,0 mm</i>

Item no.	Holes	Length
<b>4170-1103</b>	3 LEFT	73 mm
<b>4170-1104</b>	4 LEFT	86 mm
<b>4170-1105</b>	5 LEFT	99 mm
<b>4170-1106</b>	6 LEFT	112 mm
<b>4170-1107</b>	7 LEFT	125 mm
<b>4170-1109</b>	9 LEFT	151 mm
<b>4170-1111</b>	11 LEFT	177 mm
<b>4170-1203</b>	3 RIGHT	73 mm
<b>4170-1204</b>	4 RIGHT	86 mm
<b>4170-1205</b>	5 RIGHT	99 mm
<b>4170-1206</b>	6 RIGHT	112 mm
<b>4170-1207</b>	7 RIGHT	125 mm
<b>4170-1209</b>	9 RIGHT	151 mm
<b>4170-1211</b>	11 RIGHT	177 mm



### Titanium Calcaneus Locking Plate 3,5mm

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
Applicable for Fixation Calcaneus Fractures left and right

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>1,5 mm</i>
<i>Plate width</i>	<i>8,6 mm</i>

Item no.	Holes	Length
<b>4178-0108</b>	3 hole in shaft + 6 hole in head LEFT	62 mm
<b>4178-0110</b>	4 hole in shaft + 6 hole in head LEFT	72 mm
<b>4178-0208</b>	3 hole in shaft + 6 hole in head RIGHT	62 mm
<b>4178-0210</b>	4 hole in shaft + 6 hole in head RIGHT	72 mm



### Titanium Calcaneus Type "B" Locking Plate 3,5mm

Used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws.  
Applicable for Fixation Calcaneus Fractures Left and Right

<i>Material</i>	<i>Titanium</i>
<i>Plate thickness</i>	<i>1,6 / 2,5 mm</i>
<i>Plate width</i>	<i>4 / 8 mm</i>

Item no.	Holes	Length
<b>4178-1115</b>	15 Holes,LEFT	69 mm
<b>4178-1215</b>	15 Holes,RIGHT	69 mm



## Titanium Locking Screw Fullthreaded Self-Tapping Ø 2,7mm Stardrive Bit 10, purple

Applicable Drill Bit for Thread Hole ø 2.0 mm, length 165 mm calibrated 6990-0108

**Note: Tapping is not applicable for this screws!**

<i>Material</i>	<i>Titanium</i>
<i>Head Thread</i>	<i>M5</i>
<i>Cortical Thread</i>	<i>2,7 mm</i>
<i>Core Diameter</i>	<i>2,0 mm</i>
<i>Thread Pitch</i>	<i>0,8 mm</i>

Item no.	Diameter	Length
<b>4182-0510</b>	ø 2,7 mm	10 mm
<b>4182-0512</b>	ø 2,7 mm	12 mm
<b>4182-0514</b>	ø 2,7 mm	14 mm
<b>4182-0516</b>	ø 2,7 mm	16 mm
<b>4182-0518</b>	ø 2,7 mm	18 mm
<b>4182-0520</b>	ø 2,7 mm	20 mm
<b>4182-0522</b>	ø 2,7 mm	22 mm
<b>4182-0524</b>	ø 2,7 mm	24 mm
<b>4182-0526</b>	ø 2,7 mm	26 mm
<b>4182-0528</b>	ø 2,7 mm	28 mm
<b>4182-0530</b>	ø 2,7 mm	30 mm
<b>4182-0535</b>	ø 2,7 mm	35 mm
<b>4182-0540</b>	ø 2,7 mm	40 mm
<b>4182-0545</b>	ø 2,7 mm	45 mm
<b>4182-0550</b>	ø 2,7 mm	50 mm
<b>4182-0555</b>	ø 2,7 mm	55 mm
<b>4182-0560</b>	ø 2,7 mm	60 mm
<b>4182-0565</b>	ø 2,7 mm	65 mm
<b>4182-0570</b>	ø 2,7 mm	70 mm



## Titanium Locking Screw Fullthreaded Self-Tapping Ø 2,7mm Stardrive Bit 10 polyaxial, grey

Applicable Drill Bit for Thread Hole ø 2.0 mm, length 165 mm calibrated 6990-0108

**Note: Tapping is not applicable for this screws!**

<i>Material</i>	<i>Titanium</i>
<i>Head Thread</i>	<i>M5</i>
<i>Cortical Thread</i>	<i>2,7 mm</i>
<i>Core Diameter</i>	<i>2,0 mm</i>
<i>Thread Pitch</i>	<i>0,9 mm</i>

<b>Item no.</b>	<b>Diameter</b>	<b>Length</b>
<b>4182-1510</b>	ø 2,7 mm	10 mm
<b>4182-1512</b>	ø 2,7 mm	12 mm
<b>4182-1514</b>	ø 2,7 mm	14 mm
<b>4182-1516</b>	ø 2,7 mm	16 mm
<b>4182-1518</b>	ø 2,7 mm	18 mm
<b>4182-1520</b>	ø 2,7 mm	20 mm
<b>4182-1522</b>	ø 2,7 mm	22 mm
<b>4182-1524</b>	ø 2,7 mm	24 mm
<b>4182-1526</b>	ø 2,7 mm	26 mm
<b>4182-1528</b>	ø 2,7 mm	28 mm
<b>4182-1530</b>	ø 2,7 mm	30 mm
<b>4182-1535</b>	ø 2,7 mm	35 mm
<b>4182-1540</b>	ø 2,7 mm	40 mm
<b>4182-1545</b>	ø 2,7 mm	45 mm
<b>4182-1550</b>	ø 2,7 mm	50 mm
<b>4182-1555</b>	ø 2,7 mm	55 mm
<b>4182-1560</b>	ø 2,7 mm	60 mm
<b>4182-1565</b>	ø 2,7 mm	65 mm
<b>4182-1570</b>	ø 2,7 mm	70 mm



## Titanium Locking Screw Fullthreaded Self-Tapping Ø 3,5mm Stardrive Bit 10, blue

Applicable Drill Bit for Thread Hole ø 2.8 mm, length 165 mm calibrated 6990-0118

**Note: Tapping is not applicable for this screws!**

<i>Material</i>	<i>Titanium</i>
<i>Head Thread</i>	<i>M5</i>
<i>Cortical Thread</i>	<i>3,5 mm</i>
<i>Core Diameter</i>	<i>2,9 mm</i>
<i>Thread Pitch</i>	<i>0,8 mm</i>

Item no.	Diameter	Length
<b>4183-0510</b>	ø 3.5 mm	10 mm
<b>4183-0512</b>	ø 3.5 mm	12 mm
<b>4183-0514</b>	ø 3.5 mm	14 mm
<b>4183-0516</b>	ø 3.5 mm	16 mm
<b>4183-0518</b>	ø 3.5 mm	18 mm
<b>4183-0520</b>	ø 3.5 mm	20 mm
<b>4183-0522</b>	ø 3.5 mm	22 mm
<b>4183-0524</b>	ø 3.5 mm	24 mm
<b>4183-0526</b>	ø 3.5 mm	26 mm
<b>4183-0528</b>	ø 3.5 mm	28 mm
<b>4183-0530</b>	ø 3.5 mm	30 mm
<b>4183-0535</b>	ø 3.5 mm	35 mm
<b>4183-0540</b>	ø 3.5 mm	40 mm
<b>4183-0545</b>	ø 3.5 mm	45 mm
<b>4183-0550</b>	ø 3.5 mm	50 mm
<b>4183-0555</b>	ø 3.5 mm	55 mm
<b>4183-0560</b>	ø 3.5 mm	60 mm
<b>4183-0565</b>	ø 3.5 mm	65 mm
<b>4183-0570</b>	ø 3.5 mm	70 mm



## Titanium Locking Screw Fullthreaded Self-Tapping Ø 3,5mm Stardrive Bit 10 polyaxial, grey

Applicable Drill Bit for Thread Hole ø 2.0 mm, length 165 mm calibrated 6990-0108

**Note: Tapping is not applicable for this screws!**

<i>Material</i>	<i>Titanium</i>
<i>Head Thread</i>	<i>M5</i>
<i>Cortical Thread</i>	<i>3,5 mm</i>
<i>Core Diameter</i>	<i>2,9 mm</i>
<i>Thread Pitch</i>	<i>0,9 mm</i>

Item no.	Diameter	Length
<b>4183-1510</b>	ø 3.5 mm	10 mm
<b>4183-1512</b>	ø 3.5 mm	12 mm
<b>4183-1514</b>	ø 3.5 mm	14 mm
<b>4183-1516</b>	ø 3.5 mm	16 mm
<b>4183-1518</b>	ø 3.5 mm	18 mm
<b>4183-1520</b>	ø 3.5 mm	20 mm
<b>4183-1522</b>	ø 3.5 mm	22 mm
<b>4183-1524</b>	ø 3.5 mm	24 mm
<b>4183-1526</b>	ø 3.5 mm	26 mm
<b>4183-1528</b>	ø 3.5 mm	28 mm
<b>4183-1530</b>	ø 3.5 mm	30 mm
<b>4183-1535</b>	ø 3.5 mm	35 mm
<b>4183-1540</b>	ø 3.5 mm	40 mm
<b>4183-1545</b>	ø 3.5 mm	45 mm
<b>4183-1550</b>	ø 3.5 mm	50 mm
<b>4183-1555</b>	ø 3.5 mm	55 mm
<b>4183-1560</b>	ø 3.5 mm	60 mm
<b>4183-1565</b>	ø 3.5 mm	65 mm
<b>4183-1570</b>	ø 3.5 mm	70 mm





## Titanium Locking Screw Fullthreaded Self-Tapping Ø 3,7mm Stardrive Bit 10 polyaxial, grey

Applicable Drill Bit for Thread Hole ø 2.0 mm, length 165 mm calibrated 6990-0108

**Note: Tapping is not applicable for this screws!**

<i>Material</i>	<i>Titanium</i>
<i>Head Thread</i>	<i>M5</i>
<i>Cortical Thread</i>	<i>3,7 mm</i>
<i>Core Diameter</i>	<i>2,0 mm</i>
<i>Thread Pitch</i>	<i>1,75 mm</i>

Item no.	Diameter	Length
<b>4183-5010</b>	ø 3.7 mm	10 mm
<b>4183-5012</b>	ø 3.7 mm	12 mm
<b>4183-5014</b>	ø 3.7 mm	14 mm
<b>4183-5016</b>	ø 3.7 mm	16 mm
<b>4183-5018</b>	ø 3.7 mm	18 mm
<b>4183-5020</b>	ø 3.7 mm	20 mm
<b>4183-5022</b>	ø 3.7 mm	22 mm
<b>4183-5024</b>	ø 3.7 mm	24 mm
<b>4183-5026</b>	ø 3.7 mm	26 mm
<b>4183-5028</b>	ø 3.7 mm	28 mm
<b>4183-5030</b>	ø 3.7 mm	30 mm
<b>4183-5035</b>	ø 3.7 mm	35 mm
<b>4183-5040</b>	ø 3.7 mm	40 mm
<b>4183-5045</b>	ø 3.7 mm	45 mm
<b>4183-5050</b>	ø 3.7 mm	50 mm
<b>4183-5055</b>	ø 3.7 mm	55 mm
<b>4183-5060</b>	ø 3.7 mm	60 mm
<b>4183-5065</b>	ø 3.7 mm	65 mm
<b>4183-5070</b>	ø 3.7 mm	70 mm



## Titanium Cortical Screw Fullthreaded Self-Tapping Ø 3,5mm Hexagonal Socket 2,5mm

Applicable Tap ø 3.5 mm with 1.25 cortical pitch 6990-0440

**Note: Tapping is not necessary!**

<i>Material</i>	<i>Titanium</i>
<i>Cortical Thread</i>	<i>3,5 mm</i>
<i>Core Diameter</i>	<i>2,4 mm</i>
<i>Thread Pitch</i>	<i>1,25mm</i>

Item no.	Diameter	Length
<b>6163-0510</b>	ø 3,5 mm	10 mm
<b>6163-0512</b>	ø 3,5 mm	12 mm
<b>6163-0514</b>	ø 3,5 mm	14 mm
<b>6163-0516</b>	ø 3,5 mm	16 mm
<b>6163-0518</b>	ø 3,5 mm	18 mm
<b>6163-0520</b>	ø 3,5 mm	20 mm
<b>6163-0522</b>	ø 3,5 mm	22 mm
<b>6163-0524</b>	ø 3,5 mm	24 mm
<b>6163-0526</b>	ø 3,5 mm	26 mm
<b>6163-0528</b>	ø 3,5 mm	28 mm
<b>6163-0530</b>	ø 3,5 mm	30 mm
<b>6163-0532</b>	ø 3,5 mm	32 mm
<b>6163-0534</b>	ø 3,5 mm	34 mm
<b>6163-0536</b>	ø 3,5 mm	36 mm
<b>6163-0538</b>	ø 3,5 mm	38 mm
<b>6163-0540</b>	ø 3,5 mm	40 mm
<b>6163-0542</b>	ø 3,5 mm	42 mm
<b>6163-0545</b>	ø 3,5 mm	45 mm
<b>6163-0548</b>	ø 3,5 mm	48 mm
<b>6163-0550</b>	ø 3,5 mm	50 mm
<b>6163-0555</b>	ø 3,5 mm	55 mm
<b>6163-0560</b>	ø 3,5 mm	60 mm
<b>6163-0565</b>	ø 3,5 mm	65 mm
<b>6163-0570</b>	ø 3,5 mm	70 mm
<b>6163-0575</b>	ø 3,5 mm	75 mm
<b>6163-0580</b>	ø 3,5 mm	80 mm





## Titanium Cancellous Screw Fullthreaded Ø 4,0mm Hexagonal Socket 2,5mm

Applicable Drill Bit for Thread hole  $\varnothing$  2.5 mm, length 110 mm / 85 mm 6990-0450  
Applicable Tap  $\varnothing$  4.0 mm with 1.75 mm Cancellous Pitch

<i>Material</i>	<i>Titanium</i>
<i>Cancellous Thread</i>	<i>4,0 mm</i>
<i>Core Diameter</i>	<i>1,9 mm</i>
<i>Thread Pitch</i>	<i>1,75mm</i>

<b>Item no.</b>	<b>Diameter</b>	<b>Length</b>
<b>6172-0010</b>	$\varnothing$ 4,0 mm	10 mm
<b>6172-0012</b>	$\varnothing$ 4,0 mm	12 mm
<b>6172-0014</b>	$\varnothing$ 4,0 mm	14 mm
<b>6172-0016</b>	$\varnothing$ 4,0 mm	16 mm
<b>6172-0018</b>	$\varnothing$ 4,0 mm	18 mm
<b>6172-0020</b>	$\varnothing$ 4,0 mm	20 mm
<b>6172-0022</b>	$\varnothing$ 4,0 mm	22 mm
<b>6172-0024</b>	$\varnothing$ 4,0 mm	24 mm
<b>6172-0026</b>	$\varnothing$ 4,0 mm	26 mm
<b>6172-0028</b>	$\varnothing$ 4,0 mm	28 mm
<b>6172-0030</b>	$\varnothing$ 4,0 mm	30 mm
<b>6172-0032</b>	$\varnothing$ 4,0 mm	32 mm
<b>6172-0034</b>	$\varnothing$ 4,0 mm	34 mm
<b>6172-0035</b>	$\varnothing$ 4,0 mm	35 mm
<b>6172-0036</b>	$\varnothing$ 4,0 mm	36 mm
<b>6172-0038</b>	$\varnothing$ 4,0 mm	38 mm
<b>6172-0040</b>	$\varnothing$ 4,0 mm	40 mm
<b>6172-0045</b>	$\varnothing$ 4,0 mm	45 mm
<b>6172-0050</b>	$\varnothing$ 4,0 mm	50 mm
<b>6172-0055</b>	$\varnothing$ 4,0 mm	55 mm
<b>6172-0060</b>	$\varnothing$ 4,0 mm	60 mm



### Titanium Locking Distance Bolt Ø 3,5mm Stardrive Bit 10

<i>Material</i>	<i>Titanium</i>
<i>Head Thread</i>	<i>M5</i>
<i>Thread Pitch</i>	<i>0,8 mm</i>

<b>Item no.</b>	<b>Diameter</b>	<b>Length</b>
<b>4188-0035</b>	ø 3.5 mm	5 mm



### Titanium Washer for Ø 2,7 / 3,5mm

<i>Material</i>	<i>Titanium</i>
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<b>Item no.</b>	<b>Diameter</b>
<b>4188-0235</b>	ø 3.5 mm



**Perfect Lock System Small Fragment  
Instruments and Implant Sets**



## Set 4199-0010 Perfect-Lock Plate Set for 2.7 mm / 3.5 mm System

### Set - Listing - Content: Titanium Locking Plate Implants

Titanium Plate 3.5 mm small, straight Combi Hole Low Touch Locking Plate

Item no.	Holes	Length	PCS.
4120-1006	6	85.0 mm	1
4120-1007	7	98.0 mm	1
4120-1008	8	111.0 mm	1
4120-1009	9	124.0 mm	1
4120-1010	10	137.0 mm	1

Titanium Reconstruction Plate 3.5 mm small, straight Combi Hole Locking Plate

Item no.	Holes	Length	PCS.
4150-1006	6	85.0 mm	1
4150-1007	7	99.5 mm	1
4150-1008	8	104.0 mm	1
4150-1009	9	128.5 mm	1

Titanium Anatomical T-Plate 3.5 mm, Oblique Angled Locking Plate

Item no.	Holes	Length	PCS.
4126-0143	4 + 3 left	63.0 mm	1
4126-0243	4 + 3 right	63.0 mm	1

Titanium Prebend Anatomical Radius Plate 3.5 mm, Volar Locking Plate

Item no.	Holes	Length	PCS.
4124-0136	3 + 6 left	62.0 mm	1
4124-0236	3 + 6 right	62.0 mm	1



**Set 4199-0020 Perfect-Lock Locking Screw –Set for 2.7 mm / 3.5 mm System**

Set - Listing - Content: Standard Titanium Screw 3.5 mm

Titanium Fullthreaded - Cortical Screws 3.5 mm, self-tapping

Item no.	Diameter	Length	PCS.
6163-0510	∅ 3.5 mm	10 mm	5
6163-0512	∅ 3.5 mm	12 mm	5
6163-0514	∅ 3.5 mm	14 mm	5
6163-0516	∅ 3.5 mm	16 mm	5
6163-0518	∅ 3.5 mm	18 mm	5
6163-0520	∅ 3.5 mm	20 mm	5
6163-0522	∅ 3.5 mm	22 mm	5
6163-0524	∅ 3.5 mm	24 mm	5
6163-0526	∅ 3.5 mm	26 mm	5
6163-0528	∅ 3.5 mm	28 mm	5
6163-0530	∅ 3.5 mm	30 mm	5
6163-0532	∅ 3.5 mm	32 mm	5
6163-0534	∅ 3.5 mm	34 mm	5
6163-0536	∅ 3.5 mm	36 mm	5
6163-0538	∅ 3.5 mm	38 mm	5
6163-0540	∅ 3.5 mm	40 mm	5
6163-0542	∅ 3.5 mm	42 mm	5
6163-0545	∅ 3.5 mm	45 mm	5
6163-0548	∅ 3.5 mm	48 mm	5
6163-0550	∅ 3.5 mm	50 mm	5
6163-0555	∅ 3.5 mm	55 mm	5
6163-0560	∅ 3.5 mm	60 mm	5

Titanium Fullthreaded – Locking Screw self tapping

Item no.	Diameter	Length	PCS.
4183-0510	∅ 3.5 mm	10 mm	5
4183-0512	∅ 3.5 mm	12 mm	5
4183-0514	∅ 3.5 mm	14 mm	5
4183-0516	∅ 3.5 mm	16 mm	5
4183-0518	∅ 3.5 mm	18 mm	5
4183-0520	∅ 3.5 mm	20 mm	5
4183-0522	∅ 3.5 mm	22 mm	5
4183-0524	∅ 3.5 mm	24 mm	5
4183-0526	∅ 3.5 mm	26 mm	5
4183-0528	∅ 3.5 mm	28 mm	5
4183-0530	∅ 3.5 mm	30 mm	5
4183-0532	∅ 3.5 mm	32 mm	5
4183-0535	∅ 3.5 mm	35 mm	5
4183-0538	∅ 3.5 mm	38 mm	5
4183-0540	∅ 3.5 mm	40 mm	5
4183-0542	∅ 3.5 mm	42 mm	5
4183-0545	∅ 3.5 mm	45 mm	5
4183-0548	∅ 3.5 mm	48 mm	5
4183-0550	∅ 3.5 mm	50 mm	5
4183-0552	∅ 3.5 mm	52 mm	5
4183-0555	∅ 3.5 mm	55 mm	5
4183-0560	∅ 3.5 mm	60 mm	5

## Set 4199-0010 Perfect-Lock Locking Screw -and Plate Set for 2.7 mm / 3.5 mm System

Set - Listing - Content: Titanium Locking Screw Implants 2.7 mm

Titanium Fullthreaded - Locking Screws 2.7 mm, self-tapping

Item no.	Diameter	Length	PCS.
4182-0510	ø 2.7 mm	10 mm	5
4182-0512	ø 2.7 mm	12 mm	5
4182-0514	ø 2.7 mm	14 mm	5
4182-0516	ø 2.7 mm	16 mm	5
4182-0518	ø 2.7 mm	18 mm	5
4182-0520	ø 2.7 mm	20 mm	5
4182-0522	ø 2.7 mm	22 mm	5
4182-0524	ø 2.7 mm	24 mm	5
4182-0526	ø 2.7 mm	26 mm	5
4182-0528	ø 2.7 mm	28 mm	5
4182-0530	ø 2.7 mm	30 mm	5
4182-0532	ø 2.7 mm	32 mm	5
4182-0535	ø 2.7 mm	35 mm	5
4182-0538	ø 2.7 mm	38 mm	5
4182-0540	ø 2.7 mm	40 mm	5
4182-0545	ø 2.7 mm	45 mm	5

Titanium Fullthreaded - Cancellous Screws 4.7 mm

Item no.	Diameter	Length	PCS.
6172-0010	ø 4.0 mm	10 mm	5
6172-0012	ø 4.0 mm	12 mm	5
6172-0014	ø 4.0 mm	14 mm	5
6172-0016	ø 4.0 mm	16 mm	5
6172-0018	ø 4.0 mm	18 mm	5
6172-0020	ø 4.0 mm	20 mm	5
6172-0022	ø 4.0 mm	22 mm	5
6172-0024	ø 4.0 mm	24 mm	5
6172-0026	ø 4.0 mm	26 mm	5
6172-0028	ø 4.0 mm	28 mm	5
6172-0030	ø 4.0 mm	30 mm	5
6172-0032	ø 4.0 mm	32 mm	5
6172-0034	ø 4.0 mm	34 mm	5
6172-0035	ø 4.0 mm	35 mm	5
6172-0036	ø 4.0 mm	36 mm	5
6172-0038	ø 4.0 mm	38 mm	5
6172-0040	ø 4.0 mm	40 mm	5
6172-0045	ø 4.0 mm	45 mm	5
6172-0050	ø 4.0 mm	50 mm	5
6172-0055	ø 4.0 mm	55 mm	5
6172-0060	ø 4.0 mm	60 mm	5

Titanium Distance Bolt / Washer

Item no.	Diameter	Description	PCS.
4188-0035	ø .3.5 mm	Titanium Locking Distance Bolt	10
4188-0235	ø .2.7 mm / ø3.5 mm	Titanium Washer	2

Screw Forceps small fragment

Item no.	PCS.
6990-1500	1





## Set 4199-0050 Perfect-Lock Instrument Set

### Set - Listing - Content: Instruments

Item no.	Description	PCS.
4199-0050	Tray for Perfect Lock Small Fragment instruments	1
6990-0652	Small hexagonal Screw driver for self holding Sleeve	1
6990-0740	Coupling self-holding Sleeve for Screw driver ref. 6990-0652	1
6990-0830	T-handle small with AO-quick coupling	1
6990-0620	Small hexagonal Screw driver AO-shaft	1
6990-0320	Small Countersink $\varnothing$ 3.5 mm	1
6990-0440	Tap AO-shaft $\varnothing$ 3.5 mm with cortical pitch 1.25 mm	1
6990-0012	Drill bit AO-shaft $\varnothing$ 2.5 mm x length 110 mm / 85 mm	2
6990-0118	Drill Bit AO - shaft $\varnothing$ 2.8 mm x length 165 mm calibrated	2
6990-0108	Drill Bit AO - shaft $\varnothing$ 2.0 mm x length 165 mm calibrated	2
6990-0920	Depth gauge used for $\varnothing$ 2.7 mm up to $\varnothing$ 4.0 mm Screws	1
6990-0562	Universal drill guide 3.5 mm / 2.5 mm	1
4190-0020	Small hexalobe Screw Driver AO-shaft with Star Bit 10	1
4190-0010	Torque limited Screw Driver 1.5 mm with AO-quick coupling	1
4290-0042	Centring sleeve $\varnothing$ 1.6 mm	2
4190-0032	Threaded drill guide $\varnothing$ 2.8 mm	2
4190-0030	Threaded drill guide $\varnothing$ 2.0 mm	2
4290-0040	Direct measurement device for K-Wires $\varnothing$ 1.6 mm	1
4190-0044	Kirschner-wire with trocar point and round shaft end $\varnothing$ 1.6 mm x length 150 mm	8
6990-1500	Screw forceps	1

### Sterilization Container



Item no.	Description	PCS.
	Container bottom non perforated 580 x 280 x 135 mm	1
	Container lid perforated 580 x 280 mm	1



## Instruments

### Drill Bit - AO



Item no.	Description
6990-0004	Shaft $\varnothing$ 1.5 mm x length 85 mm / 60 mm
6990-0008	Shaft $\varnothing$ 2.0 mm x length 100 mm / 75 mm
6990-0012	Shaft $\varnothing$ 2.5 mm x length 110 mm / 85 mm
6990-0010	Shaft $\varnothing$ 2.0 mm x length 125 mm / 100 mm
6990-0014	Shaft $\varnothing$ 2.5 mm x length 180 mm / 155 mm

### Drill Bit – round shaft



Item no.	Description
6990-0104	Shaft $\varnothing$ 1.5 mm x length 70 mm / 55 mm
6990-0106	Shaft $\varnothing$ 2.0 mm x length 85 mm / 70 mm
6990-0110	Shaft $\varnothing$ 2.5 mm x length 95 mm / 80 mm
6990-0114	Shaft $\varnothing$ 2.7 mm x length 110 mm / 95 mm

### Small Quick Coupling Handle



Item no.

6990-0820

### T-handle Small with AO - Quick Coupling



Item no.

6990-0830

### Drill handle



Item no.

6990-0850

**Small silicon handle 19x95mm, AO-coupling**



Item no.

6990-0822

**Depth gauges**



Item no.	Description
6990-0920	∅ 2.7 up to ∅ 4.0 mm screws; 50mm
6990-0932	∅ 4.5 up to ∅ 6.5 mm screws; 120mm

**Drill guide with inserts 2,0mm and 2,5mm (complete)**



Item no.	Description
6990-0542	∅ 3.5 (2,5) and ∅ 4.0 (2,0) mm screws

**Drill guide for inserts with core diameter 2,0mm and 2,5mm**



Item no.	Description
6990-0542.0	∅ 3.5 (2,5) cortical and ∅ 4.0 (2,0) mm cancellous screws

**Insert for drill guide, core ∅ 2,0mm, 4,0mm cancellous screw**



Item no.	Description
6990-0542.1	∅ 4.0 (2,0) mm cancellous screws; 20mm
6990-0542.2	∅ 4.0 (2,0) mm cancellous screws; 80mm

**Insert for drill guide, core ∅ 2,5mm, 3,5mm cortical screw**



Item no.	Description
6990-0542.3	∅ 3.5 (2,5) mm cortical screws; 20mm
6990-0542.4	∅ 3.5 (2,5) mm cortical screws; 80mm

**Bending Pliers for 1,5mm / 2,0mm Plates**



Item no.  
6990-1240

**Screws Forceps**



Item no.  
6990-1500

**Plate holding forceps straight**



Item no.  
6990-1520  
**Sharp Hook**



Item no.
6990-1400

**Small hexagonal Screw Driver for self holding Sleeve (hexagonal Flats 2.5 mm)**



Item no.	Description
6990-0652	ø 3.5 / 4.0 mm screws

**Small Screw Driver - AO Shaft with Star Bit 10**



Item no.	Description
4190-0020	ø 2.7 / ø 3.5 mm locking screws

**Holding Sleeve for Screw Driver REF.: 6990-0652**



Item no.	Description
6990-0730	ø 2.7 / 3.5 mm screws

**Coupling Self - Holding Sleeve for Screw Driver REF.: 6990-0652**



Item no.	Description
6990-0740	ø 2.7 / 3.5 / 4.0 mm screws

**Small Hexagonal Screw Driver - AO Shaft (hexagonal Flats 2.5 mm)**



Item no.	Description
6990-0620	ø 2.7 / 3.5 cortical and 4.0 mm cancellous screws; 100mm
6990-0624	ø 2.7 / 3.5 cortical and 4.0 mm cancellous screws; 165mm

**Small Countersink ø 3.5 mm**



Item no.	Description
6990-0320	∅ 3.5 cortical and 4.0 mm cancellous screws

#### Tap - AO



Item no.	Description
6990-0440	Shaft ∅ 3.5 mm with cortical Pitch 1.25 mm
6990-0450	Shaft ∅ 4.0 mm with cancellous Pitch 1.75 mm

#### Drill Bit - AO



Item no.	Description
6990-0118	Shaft ∅ 2.8 mm x length 165 mm calibrated for ∅ 3.5 mm locking screws

#### Drill Bit - AO



Item no.	Description
6990-0108	Shaft ∅ 2.0 mm x length 165 mm calibrated for ∅ 2.7 mm locking screws and ∅ 4.0 mm cancellous screws

#### Universal Drill Guide 3.5 mm / 2.5 mm



Item no.	Description
6990-0562	For ∅ 3.5 mm Tap and ∅ 2.5 mm Drill Bit

#### Torque Limited Screw Driver 1.5 Nm with AO - Quickcoupling



Item no.	Description
4190-0010	For ∅ 2.7 / ∅ 3.5 mm cortical locking Screws

#### Centring Sleeve ∅ 1.6 mm



Item no.	Description
4290-0042	For K - Wire $\varnothing$ 1.6 mm x 150 mm

#### Threaded Drill Sleeve for standard locking screws



Item no.	Description
4190-0030	Threaded Drill Guide $\varnothing$ 2.0 mm
4190-0032	Threaded Drill Guide $\varnothing$ 2.8 mm

#### Threaded Drill Sleeve for polyaxial screws



Item no.	Description
4190-0031	Threaded Drill Guide $\varnothing$ 2.0 mm
4190-0033	Threaded Drill Guide $\varnothing$ 2.8 mm

#### Direct Measurement Device for K - Wires $\varnothing$ 1.6 mm



Item no.	Description
4190-0040	threaded drill guide 2.5 mm / centr. Sleeve 1.6 mm

#### K-Wire with trocar point and round Shaft end $\varnothing$ 1.6 mm x length 150 mm



Item no.
4190-0044



**Proximal humeral targeting device**



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Item no.

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4190-0050

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**Humeral drill sleeve threaded  $\varnothing$  2,0mm/  $\varnothing$  2,8mm**



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Item no.

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4190-0052

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4190-0054

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**Humeral drill sleeve  $\varnothing$  6,0mm /  $\varnothing$  7,0mm**



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Item no.

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4190-0056

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