PHANTOM
INDUSTRIES



Keeping The World
In The Pink Of Health

ORTHOPEDIC IMPLANT CATALOGUE

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ALL IMPLANTS ARE AVAILABLE IN STAINLESS STEEL & TITANIUM ALLOY

INTERFERENCE SCREW (ACL SCREW) S.S. 316L - WITH HEAD



SIZE	CAT. NO.
7.0mm Dia. X 20mm Length	4117.120
7.0mm Dia. X 25mm Length	4117.125
7.0mm Dia. X 30mm Length	4117.130
7.0mm Dia. X 35mm Length	4117.135
7.0mm Dia. X 40mm Length	4117.140
8.0mm Dia. X 25mm Length	4117.225
8.0mm Dia. X 30mm Length	4117.230
8.0mm Dia. X 35mm Length	4117.235
8.0mm Dia. X 40mm Length	4117.240
9.0mm Dia. X 25mm Length	4117.325
9.0mm Dia. X 30mm Length	4117.330
9.0mm Dia. X 35mm Length	4117.335
9.0mm Dia. X 40mm Length	4117.340
10.0mm Dia. X 25mm Length	4117.425
10.0mm Dia. X 30mm Length	4117.430
10.0mm Dia. X 35mm Length	4117.435
10.0mm Dia. X 40mm Length	4117.440

INTERFERENCE SCREW (ACL SCREW) S.S. 316L - WITHOUT HEAD



SIZE	CAT. NO.
7.0mm Dia. X 20mm Length	4117.520
7.0mm Dia. X 25mm Length	4117.525
7.0mm Dia. X 30mm Length	4117.530
7.0mm Dia. X 35mm Length	4117.535
7.0mm Dia. X 40mm Length	4117.540
8.0mm Dia. X 25mm Length	4117.625
8.0mm Dia. X 30mm Length	4117.630
8.0mm Dia. X 35mm Length	4117.635
8.0mm Dia. X 40mm Length	4117.640
9.0mm Dia. X 25mm Length	4117.725
9.0mm Dia. X 30mm Length	4117.730
9.0mm Dia. X 35mm Length	4117.735
9.0mm Dia. X 40mm Length	4117.740
10.0mm Dia. X 25mm Length	4117.825
10.0mm Dia. X 30mm Length	4117.830
10.0mm Dia. X 35mm Length	4117.835
10.0mm Dia. X 40mm Length	4117.840

FLAT HEAD 4.5MM & 6.5MM SCREWS

CORTICAL SCREW 4.5mm FLAT HEAD



Profile
Thread Diameter - 4.5mm
Drill Bit for Threaded Hole - 3.2mm
Drill Bit for Gliding Hole - 4.5mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.
24mm	4106.524	34mm	4106.534
26mm	4106.526	36mm	4106.536
28mm	4106.528	38mm	4106.538
30mm	4106.530	40mm	4106.540
32mm	4106.532		

CANCELLOUS SCREW 6.5mm DIA, 32mm THREAD FLAT HEAD



Profile
Thread Diameter - 6.5mm
Drill Bit for Threaded Hole - 3.2mm
Shaft Diameter - 4.5mm
Drill Bit for Shaft - 4.5mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
35mm	4109.235	65mm	4109.265	95mm	4109.295
40mm	4109.240	70mm	4109.270	100mm	4109.300
45mm	4109.245	75mm	4109.275	105mm	4109.305
50mm	4109.250	80mm	4109.280	110mm	4109.310
55mm	4109.255	85mm	4109.285		
60mm	4109.260	90mm	4109.290		

CANCELLOUS SCREW 6.5mm Dia. 16mm THREAD FLAT HEAD



Profile
Thread Diameter - 6.5mm
Drill Bit for Threaded Hole - 3.2mm
Shaft Diameter - 4.5mm
Drill Bit for Shaft - 4.5mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
25mm	4108.225	55mm	4108.255	85mm	4108.285
30mm	4108.230	60mm	4108.260	90mm	4108.290
35mm	4108.235	65mm	4108.265	95mm	4108.295
40mm	4108.240	70mm	4108.270	100mm	4108.300
45mm	4108.245	75mm	4108.275	105mm	4108.305
50mm	4108.250	80mm	4108.280	110mm	4108.310

CANCELLOUS SCREW 6.5mm DIA. FULL THREAD FLAT HEAD



Profile
Thread Diameter - 6.5mm
Drill Bit for Threaded Hole - 3.2mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
25mm	4110.525	60mm	4110.560	95mm	4110.595
30mm	4110.530	65mm	4110.565	100mm	4110.600
35mm	4110.535	70mm	4110.570	105mm	4110.605
40mm	4110.540	75mm	4110.575	110mm	4110.610
45mm	4110.545	80mm	4110.580		
50mm	4110.550	85mm	4110.585		
55mm	4110.555	90mm	4110.590		

CORTICAL SCREW 1.5mm



Profile
Thread Diameter - 1.5mm
Drill Bit for Threaded Hole - 1.1mm
Drill Bit for Gliding Hole - 1.5mm
Core Diameter - 1.0mm
Hexagonal Socket - 1.5mm
Head Diameter - 3.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.
Length 6mm	4118.006	Length 12mm	4118.012
Length 7mm	4118.007	Length 14mm	4118.014
Length 8mm	4118.008	Length 16mm	4118.016
Length 9mm	4118.009	Length 18mm	4118.018
Length 10mm	4118.010	Length 20mm	4118.020
Length 11mm	4118.011		

CORTICAL SCREW 2.7mm



Profile
Thread Diameter - 2.7mm
Drill Bit for Threaded Hole - 2.0mm
Drill bit for Gliding Hole - 2.7mm
Core Diameter - 1.9mm
Hexagonal Socket - 2.5mm
Head Diameter - 5.0mm

		Self Tapping			Self Tapping
SIZE	CAT. NO.	CAT. NO.	SIZE	CAT. NO.	CAT. NO.
6mm	4101.006	4101.006S	24mm	4101.024	4101.024S
8mm	4101.008	4101.008S	26mm	4101.026	4101.026S
10mm	4101.010	4101.010S	28mm	4101.028	4101.028S
12mm	4101.012	4101.012S	30mm	4101.030	4101.030S
14mm	4101.014	4101.014S	32mm	4101.032	4101.032S
16mm	4101.016	4101.016S	34mm	4101.034	4101.034S
18mm	4101.018	4101.018S	36mm	4101.036	4101.036S
20mm	4101.020	4101.020S	38mm	4101.038	4101.038S
22mm	4101.022	4101.022S	40mm	4101.040	4101.040S

CORTICAL SCREW 2.0mm



Profile
Thread Diameter - 2.0mm
Drill Bit for Threaded Hole - 1.5mm
Drill Bit for Gliding Hole - 2.0mm
Core Diameter - 1.3mm
Hexagonal Socket - 1.5mm
Head Diameter - 4.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.
Length 6mm	4118.106	Length 12mm	4118.112
Length 7mm	4118.107	Length 14mm	4118.114
Length 8mm	4118.108	Length 16mm	4118.116
Length 9mm	4118.109	Length 18mm	4118.118
Length 10mm	4118.110	Length 20mm	4118.120
Length 11mm	4118.111		

MINI STRAIGHT PLATE 2.0mm



Profile
Thickness - 0.9mm
Width - 5.0 mm
Hole Spacing - 6.0mm

HOLES	CAT. NO.
2 Holes	4121.102
3 Holes	4121.103
4 Holes	4121.104
5 Holes	4121.105
6 Holes	4121.106
7 Holes	4121.107
8 Holes	4121.108

MINI FRAGMENT IMPLANTS

MINI L - PLATE FOR 2.0mm SCREWS



Shaft with two holes & head with two holes.

Profile
Thickness - 1.0mm
Width - 5.0mm
Hole Spacing - 6.0mm

SIZE	CAT. NO.
Left	4122.101
Right	4122.102
MINI	4123.100

DCP 2.0mm



Profile
Thickness (4 to 6 holes) - 1.0mm
(7 & 8 holes) - 1.5mm
Width - 5.0mm
Hole Spacing - 5.0mm

HOLES	CAT. NO.
4 Holes	4121.554
5 Holes	4121.555
6 Holes	4121.556
7 Holes	4121.557
8 Holes	4121.558

MINI T - PLATE FOR 2.0mm SCREWS



Shaft with two holes & head with two holes.

Profile
Thickness - 1.0mm
Width - 5.0mm
Hole Spacing - 6.0mm

CAT NO. 4123.100

2.7mm DCP PLATE



Profile
Thickness (upto 6 holes) - 2.0mm
(7 to 12 holes) - 2.5mm
Width - 8.0mm
Hole Spacing - 8.0mm and 12.0mm

HOLES	CAT. NO.
2 Holes	4132.102
3 Holes	4132.103
4 Holes	4132.104
5 Holes	4132.105
6 Holes	4132.106
7 Holes	4132.107
8 Holes	4132.108
9 Holes	4132.109
10 Holes	4132.110
12 Holes	4132.112

L-PLATE 2.7mm



Shaft with three holes & head with two holes.

Profile
Thickness - 1.2mm
Width - 7.0mm
Hole Spacing - 8.0mm

SIZE	CAT. NO.
Left	4133.101
Right	4133.102

STRAIGHT RECONSTRUCTION PLATE 2.7mm



Profile
Thickness - 3.1mm
Width - 8.0mm
Hole Spacing - 8.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
2 Holes	4135.102	11 Holes	4135.111
3 Holes	4135.103	12 Holes	4135.112
4 Holes	4135.104	14 Holes	4135.114
5 Holes	4135.105	16 Holes	4135.116
6 Holes	4135.106	18 Holes	4135.118
7 Holes	4135.107	20 Holes	4135.120
8 Holes	4135.108	22Holes	4135.122
9 Holes	4135.109	24 Holes	4135.124
10 Holes	4135.110		

T-PLATE 2.7mm



Shaft with three holes & head with two holes.

Profile
Thickness - 1.2mm
Width - 7.0mm
Hole Spacing - 8.0mm

CAT NO. 4134.100

QUARTER TUBULAR PLATE 2.7mm



Profile
Thickness - 1.0mm
Width - 7.0mm
Hole Spacing - 8.0mm

HOLES	CAT NO.
2 Holes	4131.102
3 Holes	4131.103
4 Holes	4131.104
5 Holes	4131.105
6 Holes	4131.106
7 Holes	4131.107
8 Holes	4131.108
9 Holes	4131.109
10 Holes	4131.110

CORTICAL SCREW 3.5mm



Profile
Thread Diameter - 3.5mm
Drill Bit for Threaded Hole - 2.5mm
Drill Bit for Gliding Hole - 3.5mm
Core Diameter - 2.4mm
Hexagonal Socket - 2.5mm
Head Diameter - 6.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
10mm	4102.010	26mm	4102.026	42mm	4102.0401
12mm	4102.012	28mm	4102.028	45mm	4102.045
14mm	4102.014	30mm	4102.030	50mm	4102.050
16mm	4102.016	32mm	4102.032	55mm	4102.055
18mm	4102.018	34mm	4102.034	60mm	4102.060
20mm	4102.020	36mm	4102.036		
22mm	4102.022	38mm	4102.038		
24mm	4102.024	40mm	4102.040		

CANCELLOUS SCREW 3.5mm



Profile
Thread Diameter - 3.5mm
Drill Bit for Threaded Hole - 2.5mm
Core Diameter - 1.9mm
Hexagonal Socket - 2.5mm
Head Diameter - 6.0mm

	Short Thread	Full Thread		Short Thread	Full Thread
SIZE	CAT.NO.	CAT.NO.	SIZE	CAT.NO.	CAT.NO.
10mm	4103.0618	4103.010	28mm	4103.0627	4103.028
12mm	4103.0619	4103.012	30mm	4103.0628	4103.030
14mm	4103.0620	4103.014	35mm	4103.0629	4103.035
16mm	4103.0621	4103.016	40mm	4103.0630	4103.040
18mm	4103.0622	4103.018	45mm	4103.0631	4103.045
20mm	4103.0623	4103.020	50mm	4103.0632	4103.050
22mm	4103.0624	4103.022	55mm	4103.0633	4103.055
24mm	4103.0625	4103.024	60mm	4103.0634	4103.060
26mm	4103.0626	4103.026			

CORTICAL SCREW 3.5mm SELF TAPPING



Profile
Thread Diameter - 3.5mm
Drill Bit for Threaded Hole - 2.5mm
Drill Bit for Gliding Hole - 3.5mm
Core Diameter - 2.4mm
Hexagonal Socket - 2.5mm
Head Diameter - 6.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
10mm	4102.210	24mm	4102.224	38mm	4102.238
12mm	4102.212	26mm	4102.226	40mm	4102.240
14mm	4102.214	28mm	4102.228	45mm	4102.245
16mm	4102.216	30mm	4102.230	50mm	4102.250
18mm	4102.218	32mm	4102.232	55mm	4102.255
20mm	4102.220	34mm	4102.234	60mm	4102.260
22mm	4102.222	36mm	4102.236		

CANCELLOUS SCREW 4.0mm SHORT THREAD



Profile
Thread Diameter - 4.0mm
Drill Bit for Threaded Hole - 2.5mm
Shaft Diameter - 2.4mm
Core Diameter - 1.9mm
Hexagonal Socket - 2.5mm
Head Diameter - 6.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
10mm	4104.010	22mm	4104.022	40mm	4104.040
12mm	4104.012	24mm	4104.024	45mm	4104.045
14mm	4104.014	26mm	4104.026	50mm	4104.050
16mm	4104.016	28mm	4104.028	55mm	4104.055
18mm	4104.018	30mm	4104.030	60mm	4104.060
20mm	4104.020	35mm	4104.035		

CANCELLOUS SCREW 4.0mm FULL THREAD



Not to be used as lag screws.
Profile
Thread Diameter - 4.0mm
Drill Bit for Threaded Hole - 2.5mm
Core Diameter - 1.9mm
Hexagonal Socket - 2.5mm
Head Diameter - 6.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO
10mm	4105.010	22mm	4105.022	40mm	4105.040
12mm	4105.012	24mm	4105.024	45mm	4105.045
14mm	4105.014	26mm	4105.026	50mm	4105.050
16mm	4105.016	28mm	4105.028	55mm	4105.055
18mm	4105.018	30mm	4105.030	60mm	4105.060
20mm	4105.020	35mm	4105.035		

SMALL CANNULATED CANCELLOUS SCREW, 4.0mm FULLY THREADED



Profile
Thread Diameter - 4.0mm
Core Diameter - 2.5mm
Hexagonal Socket - 2.5mm
Head Diameter - 5.0mm
Cannulation - 1.35mm
Guide Wire - 1.25mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
10mm	4116.210	28mm	4116.228	46mm	4116.246
12mm	4116.212	30mm	4116.230	48mm	4116.248
14mm	4116.214	32mm	4116.232	50mm	4116.250
16mm	4116.216	34mm	4116.234	55mm	4116.255
18mm	4116.218	36mm	4116.236	60mm	4116.260
20mm	4116.220	38mm	4116.238	65mm	4116.265
22mm	4116.222	40mm	4116.240		
24mm	4116.224	42mm	4116.242		
26mm	4116.226	44mm	4116.244		

SMALL CANNULATED CANCELLOUS SCREW 4.0mm SHORT THREAD



Profile
Thread Diameter - 4.0mm
Shaft Diameter - 2.7mm
Core Diameter - 2.5mm
Hexagonal Socket - 2.5mm
Head Diameter - 5.0mm
Cannulation - 1.35mm
Guide Wire - 1.25mm

SIZE	CAT. NO	SIZE	CAT. NO
10mm	4116.010	35mm	4116.035
12mm	4116.012	36mm	4116.036
14mm	4116.014	38mm	4116.038
16mm	4116.016	40mm	4116.040
18mm	4116.018	42mm	4116.042
20mm	4116.020	44mm	4116.044
22mm	4116.022	46mm	4116.046
24mm	4116.024	48mm	4116.048
26mm	4116.026	50mm	4116.050
28mm	4116.028	55mm	4116.055
30mm	4116.030	60mm	4116.060
32mm	4116.032	65mm	4116.065
34mm	4116.034		

WASHER FOR 4.0mm CANCELLOUS SCREWS



Dia. - 7.0 /3.6mm
CAT NO. 4115.011

CALCANEAL PLATE 3.5mm



For Calcaneus Fractures.
Fixation with 3.5 & 4.0mm screws

Profile
Thickness - 1.2mm

SIZE	CAT. NO.
60mm	4137.160
70mm	4137.170

ONE THIRD TUBULAR PLATE WITH COLLAR



Used as buttress plate for fibula, metatarsals and metarcarpals. Fixation with 3.5 & 4.0mm screws.

Compression effect can be achieved by eccentric insertion of remote screws.

Profile
Thickness - 1.0mm
Width - 9.0mm
Hole Spacing - 12.0 & 16.0mm
(One third of 12 mm tube)

HOLES	CAT. NO.	HOLES	CAT. NO.
2 Holes	4139.122	7 Holes	4139.127
3 Holes	4139.123	8 Holes	4139.128
4 Holes	4139.124	9 Holes	4139.129
5 Holes	4139.125	10 Holes	4139.130
6 Holes	4139.126	12 Holes	4139.132

ONE THIRD TUBULAR PLATE 3.5mm



Used as buttress plate for fibula, metatarsals and metarcarpals. Fixation with 3.5 & 4.0mm screws.

Compression effect can be achieved by eccentric insertion of remote screws.

Profile
Thickness - 1.0mm
Width - 9.0mm
Hole Spacing - 12.0 & 16.0mm
(One third of 12mm tube)

HOLES	CAT. NO.	HOLES	CAT. NO.
2 Holes	4138.102	7 Holes	4138.107
3 Holes	4138.103	8 Holes	4138.108
4 Holes	4138.104	9 Holes	4138.109
5 Holes	4138.105	10 Holes	4138.110
6 Holes	4138.106	12 Holes	4138.112

3.5mm DCP PLATE



FOR ULNA AND RADIUS

Profile
Thickness - 3.5mm
Width - 10.0mm
Hole Spacing - 12.0 & 16.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
2 Holes	4140.102	7 Holes	4140.107
3 Holes	4140.103	8 Holes	4140.108
4 Holes	4140.104	9 Holes	4140.109
5 Holes	4140.105	10 Holes	4140.110
6 Holes	4140.106	12 Holes	4140.112

SMALL T-PLATE, RIGHT ANGLED HEAD 3 HOLE



For the Left and Right Radius. Fixation with 3.5 & 4.0mm screws. Head with three holes.

Profile
Thickness - 1.5mm
Width - 10.0mm

		Buttress			Buttress
HOLES	CAT. NO.	CAT. NO.	HOLES	CAT. NO.	CAT. NO.
3 Holes	4141.103	4141.1101	7 Holes	4141.107	4141.1105
4 Holes	4141.104	4141.1102	8 Holes	4141.108	4141.1106
5 Holes	4141.105	4141.1103	9 Holes	4141.109	4141.1107
6 Holes	4141.106	4141.1104	10 Holes	4141.110	4141.1108

SMALL T-PLATE, OBLIQUE ANGLED FOR RIGHT & LEFT RADIUS



For the Left and Right Radius. Fixation with 3.5 & 4.0mm screws. Head with three holes.

Profile
Thickness - 1.5mm
Width - 10.0mm

		Buttress			Buttress
HOLES	CAT. NO.	CAT. NO.	HOLES	CAT. NO.	CAT. NO.
3 Holes	4142.103	4142.1101	7 Holes	4142.107	4142.1105
4 Holes	4142.104	4142.1102	8 Holes	4142.108	4142.1106
5 Holes	4142.105	4142.1103	9 Holes	4142.109	4142.1107
6 Holes	4142.106	4142.1104	10 Holes	4142.110	4142.1108

Also Available in Head 4 Holes

SMALL T-PLATE, RIGHT ANGLED HEAD 4 HOLE



For the Left and Right Radius. Fixation with 3.5 & 4.0mm screws. Head with four holes.

Profile
Thickness - 1.5mm
Width - 10.0mm

		Buttress			Buttress
HOLES	CAT. NO.	CAT. NO.	HOLES	CAT. NO.	CAT. NO.
3 Holes	4141.203	4141.2081	6 Holes	4141.206	4141.2084
4 Holes	4141.204	4141.2082	7 Holes	4141.207	4141.2085
5 Holes	4141.205	4141.2083	8 Holes	4141.208	4141.2086

SEMI TUBULAR PLATE FOR 3.5mm SCREW



Profile
Thickness - 1.0mm
Width - 11.0mm
Hole Spacing - 16.0 & 26.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
2 Holes	4143.102	8 Holes	4143.108
3 Holes	4143.103	9 Holes	4143.109
4 Holes	4143.104	10 Holes	4143.110
5 Holes	4143.105	11 Holes	4143.111
6 Holes	4143.106	12 Holes	4143.112
7 Holes	4143.107		

STRAIGHT PELVIC RECONSTRUCTION PLATE 3.5mm

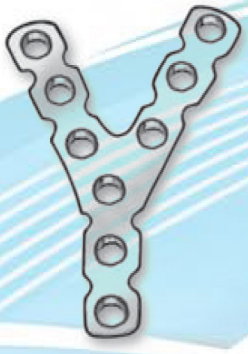


NOTE : DO NOT BEND MORE THAN 15 ^{0}

Profile
Thickness - 2.8mm
Width - 10.0mm
Hole Spacing - 12.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
5 Holes	4144.105	14 Holes	4144.114
6 Holes	4144.106	16 Holes	4144.116
7 Holes	4144.107	18 Holes	4144.118
8 Holes	4144.108	20 Holes	4144.120
9 Holes	4144.109	22Holes	4144.122
10 Holes	4144.110	24 Holes	4144.124
12 Holes	4144.112		

Y-RECONSTRUCTION PLATE



Size	HOLES	CAT. NO.
Small	Small 6 Holes	4145.102
Medium	Medium 9 Holes	4145.103
Large	Large 12 Holes	4145.104

CURVED RECONSTRUCTION PLATE 3.5mm



Profile
Thickness - 3.6mm
Width - 10.0mm
Hole Spacing - 12.0mm
Bending Radius - 100mm

HOLES	CAT. NO.	HOLES	CAT. NO.
5 Holes	4144.305	10 Holes	4144.310
6 Holes	4144.306	12 Holes	4144.312
7 Holes	4144.307	14 Holes	4144.314
8 Holes	4144.308	16 Holes	4144.316
9 Holes	4144.309	18 Holes	4144.318

CLOVERLEAF PLATE



For distal Intra-Articular tibial Fractures.
Fixation with 3.5 & 4.0mm screws.

Profile
Thickness - 2.0mm
Width - 15.2mm
Cloverleaf Thickness - 1.2mm

HOLES	CAT. NO.	HOLES	CAT. NO.
3 Holes	4146.103	7 Holes	4146.107
4 Holes	4146.104	8 Holes	4146.108
5 Holes	4146.105	9 Holes	4146.109
6 Holes	4146.106	10 Holes	4146.110

LC-DCP FOR 3.5mm SCREW

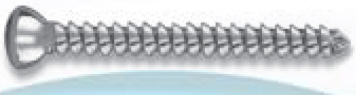


For Ulna & Radius.
Fixation with 3.5 & 4.0mm screws.

Profile
Thickness - 4.0mm
Width - 11.0mm
Hole Spacing - 13.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
4 Holes	4147.104	9 Holes	4147.109
5 Holes	4147.105	10 Holes	4147.110
6 Holes	4147.106	11 Holes	4147.111
7 Holes	4147.107	12 Holes	4147.112
8 Holes	4147.108		

CORTICAL SCREW 4.5mm SELF TAPPING



Profile
Thread Diameter - 4.5mm
Drill Bit for Threaded Hole - 3.2mm
Drill Bit for Gliding Hole - 4.5mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

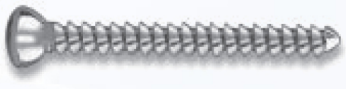
SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
14mm	4106.214	34mm	4106.234	54mm	4106.254
16mm	4106.216	36mm	4106.236	56mm	4106.256
18mm	4106.218	38mm	4106.238	58mm	4106.258
20mm	4106.220	40mm	4106.240	60mm	4106.260
22mm	4106.222	42mm	4106.242	64mm	4106.264
24mm	4106.224	44mm	4106.244	66mm	4106.266
26mm	4106.226	46mm	4106.246	68mm	4106.268
28mm	4106.228	48mm	4106.248	70mm	4106.270
30mm	4106.230	50mm	4106.250	72mm	4106.272
32mm	4106.232	52mm	4106.252	74mm	4106.274

HOOK PLATE 3.5mm



HOLES	CAT. NO.
4 Holes	4148.104
5 Holes	4148.105
6 Holes	4148.106
7 Holes	4148.107
8 Holes	4148.108
10 Holes	4148.110

CORTICAL SCREW 4.5mm



Profile
Thread Diameter - 4.5mm
Drill Bit for Threaded Hole - 3.2mm
Drill Bit for Gliding Hole - 4.5mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
10mm	4106.0121	32mm	4106.032	54mm	4106.054
12mm	4106.012	34mm	4106.034	56mm	4106.056
14mm	4106.014	36mm	4106.036	58mm	4106.058
16mm	4106.016	38mm	4106.038	60mm	4106.060
18mm	4106.018	40mm	4106.040	62mm	4106.062
20mm	4106.020	42mm	4106.042	64mm	4106.064
22mm	4106.022	44mm	4106.044	66mm	4106.066
24mm	4106.024	46mm	4106.046	68mm	4106.068
26mm	4106.026	48mm	4106.048	70mm	4106.070
28mm	4106.028	50mm	4106.050	72mm	4106.072
30mm	4106.030	52mm	4106.052	74mm	4106.074

4.5MM & 6.5MM SCREWS

MALLEOLAR SCREW 4.5mm



Profile
Thread Diameter - 4.5mm
Drill Bit for Threaded Hole - 3.2mm
Shaft Diameter - 3.0mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

SIZE	CAT. NO	SIZE	CAT. NO
25mm	4107.025	55mm	4107.055
30mm	4107.030	60mm	4107.060
35mm	4107.035	65mm	4107.065
40mm	4107.040	70mm	4107.070
45mm	4107.045	75mm	4107.075
50mm	4107.050	80mm	4107.080

CANCELLOUS SCREW 6.5mm DIA, 32mm THREAD



Profile
Thread Diameter - 6.5mm
Drill Bit for Threaded Hole - 3.2mm
Shaft Diameter - 4.5mm
Drill Bit for Shaft - 4.5mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

		CANNULATED			CANNULATED
SIZE	CAT. NO	CAT. NO	SIZE	CAT. NO	CAT. NO
35mm	4109.035	4109.1117	75mm	4109.075	4109.1125
40mm	4109.040	4109.1118	80mm	4109.080	4109.1126
45mm	4109.045	4109.1119	85mm	4109.085	4109.1127
50mm	4109.050	4109.1120	90mm	4109.090	4109.1128
55mm	4109.055	4109.1121	95mm	4109.095	4109.1129
60mm	4109.060	4109.1122	100mm	4109.100	4109.1130
65mm	4109.065	4109.1123	105mm	4109.105	4109.1131
70mm	4109.070	4109.1124	110mm	4109.110	4109.1132

CANCELLOUS SCREW 6.5mm DIA. 16mm THREAD



Profile
Thread Diameter - 6.5mm
Drill Bit for Threaded Hole - 3.2mm
Shaft Diameter - 4.5mm
Drill Bit for Shaft - 4.5mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

		CANNULATED			CANNULATED
SIZE	CAT. NO	CAT. NO	SIZE	CAT. NO	CAT. NO
25mm	4108.025	4108.1119	70mm	4108.070	4108.1128
30mm	4108.030	4108.1120	75mm	4108.075	4108.1129
35mm	4108.035	4108.1121	80mm	4108.080	4108.1130
40mm	4108.040	4108.1122	85mm	4108.085	4108.1131
45mm	4108.045	4108.1123	90mm	4108.090	4108.1132
50mm	4108.050	4108.1124	95mm	4108.095	4108.1133
55mm	4108.055	4108.1125	00mm	4108.100	4108.1134
60mm	4108.060	4108.1126	05mm	4108.105	4108.1135
65mm	4108.065	4108.1127	10mm	4108.110	4108.1136

CANCELLOUS SCREW 6.5mm DIA. FULL THREAD



Profile
Thread Diameter - 6.5mm
Drill Bit for Threaded Hole - 3.2mm
Core Diameter - 3.0mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm

		CANNULATED			CANNULATED
SIZE	CAT. NO	CAT. NO	SIZE	CAT. NO	CAT. NO
25mm	4110.025	4110.1119	70mm	4110.070	4110.1128
30mm	4110.030	4110.1120	75mm	4110.075	4110.1129
35mm	4110.035	4110.1121	80mm	4110.080	4110.1130
40mm	4110.040	4110.1122	85mm	4110.085	4110.1131
45mm	4110.045	4110.1123	90mm	4110.090	4110.1132
50mm	4110.050	4110.1124	95mm	4110.095	4110.1133
55mm	4110.055	4110.1125	100mm	4110.100	4110.1134
60mm	4110.060	4110.1126	105mm	4110.105	4110.1135
65mm	4110.065	4110.1127	110mm	4110.110	4110.1136

LARGE CANNULATED CANCELLOUS SCREW, 7.0 mm DIA. 16mm THREAD



Profile
Thread Diam eter- 7.0mm
Drill Bit for Threaded Hole - 4.5mm
Shaft Diameter - 4.5mm
Core Diameter - 4.5mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm
Cannulation - 2.1mm
Guide Wire - 2.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.	SIZE	CAT. NO.
50mm	4111.050	75mm	4111.075	100mm	4111.100
55mm	4111.055	80mm	4111.080	105mm	4111.105
60mm	4111.060	85mm	4111.085	110mm	4111.110
65mm	4111.065	90mm	4111.090	115mm	4111.115
70mm	4111.070	95mm	4111.095	120mm	4111.120

WASHER



CAT NO.
4115.025 FOR 7.0MM CANNULATED CANCELLOUS SCREW

CAT NO.
4115.000 FOR 5.5MM CANCELLOUS SCREW

LARGE CANNULATED CANCELLOUS SCREW 7.0mm DIA, 32mm THREAD



Profile
Thread D iameter - 7.0mm
Drill Bit for Threaded Hole - 4.5mm
Shaft Diameter - 4.5mm
Core Diameter - 4.5mm
Hexagonal Socket - 3.5mm
Head Diameter - 8.0mm
Cannulation - 2.1mm
Guide Wire - 2.0mm

SIZE	CAT. NO	SIZE	CAT. NO	SIZE	CAT. NO
50mm	4112.050	75mm	4112.075	100mm	4112.100
55mm	4112.055	80mm	4112.080	105mm	4112.105
60mm	4112.060	85mm	4112.085	110mm	4112.110
65mm	4112.065	90mm	4112.090	115mm	4112.115
70mm	4112.070	95mm	4112.095	120mm	4112.120

STRAIGHT RECONSTRUCTION PLATE 4.5mm



Note : Do Not bend more than 15.°
Fixation with 4.5 & 6.5mm screws.

Profile
Thickness - 2.8mm
Width - 12.0mm
Holes Spacing - 16.0mm

HOLES	LENGTH	CAT. NO.	HOLES	LENGTH	CAT. NO.
4 Holes	61	4149.1040	12 Holes	189	4149.1120
5 Holes	77	4149.1050	14 Holes	221	4149.1140
6 Holes	93	4149.1060	16 Holes	253	4149.1160
7 Holes	109	4149.1070	18 Holes	285	4149.1180
8 Holes	125	4149.1080	20 Holes	317	4149.1200
9 Holes	141	4149.1090	22 Holes	349	4149.1220
10 Holes	157	4149.1100			

ALSO AVAILABLE SMALL 4.0MM CANNULATED SCREWS IN SHORT / LONG THREADS

PLATES FOR 4.5MM & 6.5MM SCREWS

LC-DCP FOR 4.5mm SCREW NARROW



Fixation with 4.5 and 6.5mm screws.
The LC-DCP holes allow compression in both directions of the longitudinal axis.
The end holes can be used for cancellous bone screws.
Undercuts : For reduced vascular damage.

Indication: As a neutralisation and tension band plate on the tibia (not intended for the femur).
LC-DCP = Limited Contact Dynamic Compression Plate.

Profile
Thickness - 4.6mm
Width - 13.5mm
Hole Spacing - 18.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
4 Holes	4150.104	10 Holes	4150.110
5 Holes	4150.105	11 Holes	4150.111
6 Holes	4150.106	12 Holes	4150.112
7 Holes	4150.107	14 Holes	4150.114
8 Holes	4150.108	16 Holes	4150.116
9 Holes	4150.109		

SPOON PLATE



Shaft with V-profile for the fixation on the frontal edge of the tibia.
Fixation with 4.5mm cortical screws.

Profile
Thickness - 2.0mm
Head Width - 34.0mm

HOLES	CAT. NO.
5 Holes in Shaft	4155.105
6 Holes in Shaft	4155.106

LC-DCP FOR 4.5mm SCREW BROAD



Fixation with 4.5 and 6.5mm screws.
The LC-DCP holes allow compression in both directions of the longitudinal axis.
The end holes can be used for cancellous bone screws.
Undercuts : For reduced vascular damage.

Indication: As a tension band plate on the Femur and for Humeral pseudarthrosis (not intended for the Tibia).
LC-DCP = Limited Contact Dynamic Compression Plate.

Profile
Thickness - 6.0mm
Width - 17.5mm
Hole Spacing - 18.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
4 Holes	4151.104	12 Holes	4151.112
5 Holes	4151.105	13 Holes	4151.113
6 Holes	4151.106	14 Holes	4151.114
7 Holes	4151.107	15 Holes	4151.115
8 Holes	4151.108	16 Holes	4151.116
9 Holes	4151.109	17 Holes	4151.117
10 Holes	4151.110	18 Holes	4151.118
11 Holes	4151.111		

SEMI-TUBULAR PLATE HEAVY DUTY 4.5mm



Fixation with 4.5mm cortical screws.
A compression effect can be achieved by eccentric positioning of the screws remote from the fracture line.

Profile
Thickness - 1.0mm
Width - 11.0mm
Hole Spacing - 16.0 & 26.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
4 Holes	4156.104	9 Holes	4156.109
5 Holes	4156.105	10 Holes	4156.110
6 Holes	4156.106	11 Holes	4156.111
7 Holes	4156.107	12 Holes	4156.112
8 Holes	4156.108		

4.5mm DCP PLATE NARROW



Fixation with 4.5 and 6.5mm screws.
All holes are designed as self-compressing holes.
All the end holes are designed for cancellous bone screws.

Indication: As a neutralisation and tension band plate on the tibia (not intended for the femur).

Profile
Thickness - 3.6mm
Width - 12.0mm
Hole Spacing - 16.0 & 25.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
4 Holes	4157.104	12 Holes	4157.112
5 Holes	4157.105	13 Holes	4157.113
6 Holes	4157.106	14 Holes	4157.114
7 Holes	4157.107	15 Holes	4157.115
8 Holes	4157.108	16 Holes	4157.116
9 Holes	4157.109	17 Holes	4157.117
10 Holes	4157.110	18 Holes	4157.118
11 Holes	4157.111		

T-PLATE 4.5mm



Shaft with round profile, for humeral and tibial head.
Fixation with 4.5 & 6.5mm screws.

Profile
Thickness - 2.0mm
Width - 16.0mm

HOLES	CAT. NO.
3 Holes	4159.103
4 Holes	4159.104
5 Holes	4159.105
6 Holes	4159.106
7 Holes	4159.107
8 Holes	4159.108
9 Holes	4159.109
10 Holes	4159.110

4.5mm DCP PLATE BROAD



Fixation with 4.5 and 6.5mm screws.
All holes are designed as self-compressing holes.
All the end holes are designed for cancellous bone screws.

Indication: As a tension band plate on the femur and for humeral pseudoarthrosis (not intended for the tibia).

Use broad plates with six or seven holes in exceptional cases only, e.g. on the humerus.

Profile
Thickness - 4.5mm
Width - 16.0mm
Hole Spacing - 16.0 & 25.0mm

HOLES	CAT. NO.	HOLES	CAT. NO.
4 Holes	4158.104	11 Holes	4158.111
5 Holes	4158.105	12 Holes	4158.112
6 Holes	4158.106	13 Holes	4158.113
7 Holes	4158.107	14 Holes	4158.114
8 Holes	4158.108	16 Holes	4158.116
9 Holes	4158.109	18 Holes	4158.118
10 Holes	4158.110	20 Holes	4158.120

T-BUTTRESS PLATE 4.5mm



With double bend, as buttress for tibial head fractures.

Fixation with 4.5 & 6.5mm screws.

Profile
Thickness - 2.0mm
Width - 16.0mm

HOLES	CAT. NO.
4 Holes	4160.104
5 Holes	4160.105
6 Holes	4160.106
7 Holes	4160.107
8 Holes	4160.108
9 Holes	4160.109
10 Holes	4160.110

PLATES FOR 4.5MM & 6.5MM SCREWS

L-BUTTRESS PLATE 4.5mm



With double bend, as buttress for tibial and humeral head fractures. Left angled for right leg & right angled for left leg.

Profile
Thickness - 2.0mm
Width - 16.0mm

HOLES	RIGHT	LEFT
3 Holes	4161.103	4161.133
4 Holes	4161.104	4161.134
5 Holes	4161.105	4161.135
6 Holes	4161.106	4161.136
7 Holes	4161.107	4161.137
8 Holes	4161.108	4161.138
9 Holes	4161.109	4161.139
10 Holes	4161.110	4161.140

LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5mm



Fixation with 4.5 & 6.5mm screws shaft with DCP dynamic compression holes and slot for tension device.

Left angled for right leg and right angled for left leg.

Shaft Profile
Thickness - 3.8mm
Width - 14.0mm
Hole Spacing - 16.0mm

HOLES	RIGHT	LEFT
5 Holes	4165.005R	4165.105L
7 Holes	4165.007R	4165.107L
9 Holes	4165.009R	4165.109L
11 Holes	4165.011R	4165.111L
13 Holes	4165.013R	4165.113L

CONDYLAR BUTTRESS PLATE 4.5mm



With DCP dynamic compression holes and slot for tension device. As buttress for the femoral condyles with multiple fragment fractures.

Shaft Profile
Thickness - 5.0mm
Width - 16.0mm
Hole Spacing - 16.0mm

HOLES	LEFT	RIGHT
7 Holes	4164.007L	4164.107R
9 Holes	4164.009L	4164.109R
11 Holes	4164.011L	4164.111R
12 Holes	4164.012L	4164.112R
13 Holes	4164.013L	4164.113R
15 Holes	4164.015L	4164.115R

COBRA HEAD PLATE 4.5mm



Shaft with DCP dynamic compression holes and slot for tension device. For arthrodesis of the hip. In the two shaft holes next to the head, two 4.5mm cortical screws, length 68mm, are normally used.

Shaft Profile
Thickness - 6.0mm
Width - 16.0mm
Hole Spacing - 16.0mm

HOLES	CAT.NO.
8 Holes	4193.008
9 Holes	4193.009
10 Holes	4193.010
11 Holes	4193.011

HOOK PLATE 4.5mm WITH DCP HOLE



Fixation with 4.5mm Cortical Screws. Shaft with DCP dynamic compression holes and slot for tension device.

Profile

Thickness - 6.0mm

Width - 16.0mm

HOLES	CAT.NO.
6 Holes	4194.006
7 Holes	4194.007
8 Holes	4194.008

TROCANTER PLATE



Holes	CAT. NO.
5 Holes	4990.005
6 Holes	4990.006
7 Holes	4990.007
8 Holes	4990.008
9 Holes	4990.009
10 Holes	4990.010
11 Holes	4990.011
12 Holes	4990.012
13 Holes	4990.013
14 Holes	4990.014
15 Holes	4990.015
16 Holes	4990.016

JEWETT NAIL PLATE 135°



HOLES	CAT.NO.
3 Holes	4171.1851
4 Holes	4171.1852
5 Holes	4171.1853
6 Holes	4171.1854
7 Holes	4171.1855
8 Holes	4171.1856
9 Holes	4171.1857
10 Holes	4171.1858

CALVICAL PLATE



	LEFT	RIGHT
Holes	CAT. NO.	CAT. NO.
5	4860.1059	4860.1060
6	4860.106	4860.116
7	4860.1161	4860.1162
8	4860.108	4860.118
10	4860.110	4860.120

ANGLED BLADE PLATES

95 ⁰ CONDYLAR PLATES



With DCP dynamic compression holes and slot for tension device. All condylar plates have an angle of 95 ⁰ between blade and shaft. The two holes next to the blade are suitable for 6.5mm Cancellous bone screws, all other holes are self-compressing holes.

Fixation with 4.5mm cortical screws.
For fractures in the distal and proximal femoral region as well as for intertrochanteric valgus osteotomy.

Profile
Thickness - 5.6mm
Width - 16.0mm
Hole Spacing - 16.0mm
U-profile blade - 6.5x16.0mm

5 Holes (Shaft Length 92mm)

LENGTH	CAT. NO.
50mm	4162.051
60mm	4162.052
70mm	4162.053
80mm	4162.054

7 Holes (Shaft Length 124mm)

LENGTH	CAT. NO.
50mm	4162.071
60mm	4162.072
70mm	4162.073
80mm	4162.074

9 Holes (Shaft Length 156mm)

LENGTH	CAT. NO.
50mm	4162.091
60mm	4162.092
70mm	4162.093
80mm	4162.094

12 Holes (Shaft Length 204mm)

LENGTH	CAT. NO.
50mm	4162.011
60mm	4162.012
70mm	4162.013
80mm	4162.014

14 Holes (Shaft Length 236mm)

LENGTH	CAT. NO.
50mm	4162.021
60mm	4162.022
70mm	4162.023
80mm	4162.024

16 Holes (Shaft Length 268mm)

LENGTH	CAT. NO.
50mm	4162.031
60mm	4162.032
70mm	4162.033
80mm	4162.034

18 Holes (Shaft Length 300mm)

LENGTH	CAT. NO.
50mm	4162.041
60mm	4162.042
70mm	4162.043
80mm	4162.044

130 ^{0} ANGLED BLADE PLATE



4 Holes (Shaft Length 60mm)

LENGTH	CAT. NO.
50mm	4163.041
60mm	4163.042
70mm	4163.043
80mm	4163.044

6 Holes (Shaft Length 104mm)

LENGTH	CAT. NO.
50mm	4163.061
60mm	4163.062
70mm	4163.063
80mm	4163.064

9 Holes (Shaft Length 152mm)

LENGTH	CAT. NO.
50mm	4163.091
60mm	4163.092
70mm	4163.093
80mm	4163.094

12 Holes (Shaft Length 200mm)

LENGTH	CAT. NO.
50mm	4163.001
60mm	4163.002
70mm	4163.003
80mm	4163.004

With DCP dynamic compression holes and slot for tension device (from 6 holes up).
These plates have an angle of 130 ^{0} between blade and shaft.
Fixation with 4.5mm cortical screws.
For femoral neck and pertrochanteric fractures.

Profile
Thickness - 5.6mm
Width - 16mm
Hole Spacing - 16.0mm
U-profile blade - 6.5x16mm

ANGLED BLADE PLATES

ANGLED BLADE PLATE FOR INTERTROCHANTERIC FEMORAL OSTEOTOMIES IN ADULTS 90⁰ DCP HOLES



With DCP dynamic compression holes and slot for tension device.
Fixation with 4.5mm cortical screws.
The hole in the bend enables fixation of the calcar femoris with a long cortical screw.

Profile
Thickness - 5.6mm
Width - 16.0mm
Hole Spacing - 16.0mm
U-Profile Blade - 6.5x16.0mm

Displacement T

BLADE LENGTH	4 HOLES	5 HOLES
	CAT. NO.	
40mm	4170.040	4170.140
50mm	4170.050	4170.150
60mm	4170.060	4170.160
70mm	4170.070	4170.170

ANGLED BLADE PLATE FOR INTERTROCHANTERIC FEMORAL OSTEOTOMIES IN ADULTS 120⁰ DCP HOLES



With DCP dynamic compression holes and slot for tension device.
Fixation with 4.5mm cortical screws.
For repositioning osteotomies in the treatment of femoral neck pseudarthroses and fractures.

Profile
Thickness - 5.6mm
Width - 16.0mm
Hole Spacing - 16.0mm
U-profile blade - 6.5x16.0mm

BLADE LENGTH	4 HOLES	5 HOLES
	CAT. NO.	
60mm	4171.060	4171.160
65mm	4171.065	4171.165
70mm	4171.070	4171.170
75mm	4171.075	4171.175
80mm	4171.080	4171.180
85mm	4171.085	4171.185

DHS BARREL PLATE



With DCP dynamic compression holes and
round hole slot for tension device.
Fixation with 4.5mm cortical screws.
For pertrochanteric and intertrochanteric fractures.

Profile

Thickness - 5.8mm
Width - 19.0mm
Hole Spacing - 16.0mm
Outer Barrel Diameter - 12.5mm
Barrel Length - 38mm
Short Barrel Length - 25mm

	WITH DCP HOLES						SHORT BARREL 135°		WITH ROUND HOLES		
	125 DEG.	130 DEG.	135 DEG.	140 DEG	145 DEG.	150 DEG.	DCP	ROUND	130 DEG.	135 DEG.	140 DEG.
Holes	**CAT. NO.**										
2	-	-	4166.022	-	-	4166.062	-	-	-	-	-
3	-	-	4166.023	-	-	-	-	-	-	-	-
4	4166.0100	4166.004	4166.024	4166.044	4166.054	4166.064	4166.084	4166.854	4166.504	4166.604	4166.704
5	4166.0101	4166.005	4166.025	4166.045	4166.055	4166.065	4166.085	4166.855	4166.505	4166.605	4166.705
6	4166.0102	4166.006	4166.026	4166.046	4166.056	4166.066	4166.086	4166.856	4166.506	4166.606	4166.706
7	-	-	4166.027	-	-	-	-	4166.857	4166.507	4166.607	4166.707
8	4166.0103	4166.008	4166.028	4166.048	4166.058	4166.068	4166.088	4166.858	4166.508	4166.608	4166.708
9	-	-	4166.029	-	-	-	-	4166.859	4166.509	4166.609	4166.709
10	-	4166.010	4166.030	-	-	4166.070	4166.090	4166.860	4166.510	4166.610	4166.710
12	-	-	4166.032	-	-	4166.072	-	4166.862	4166.512	4166.612	4166.712
14	-	-	4166.034	-	-	-	-	-	-	-	-
16	-	-	4166.036	-	-	-	-	-	-	-	-
18	-	-	4166.038	-	-	-	-	-	-	-	-
20	-	-	4166.040	-	-	-	-	-	-	-	-
22	-	-	4166.042	-	-	-	-	-	-	-	-

VARIALBLE ANGLED DHS PLATES ALSO AVAILABLE

DHS/DCS IMPLANTS

DCS PLATE DCP HOLE 95°



With DCP dynamic compression holes and slot for tension device.
Fixation with 4.5mm cortical screws.
For condylar fractures, avoids further damage to the bone.

Profile
Thickness - 5.4mm
Width - 16.0mm
Hole Spacing - 16.0mm
Outer Barrel Diameter - 12.5mm
Barrel Length - 25mm

CAT NO.	HOLES
4167.005	5
4167.006	6
4167.007	7
4167.008	8
4167.009	9
4167.010	10
4167.012	12
4167.014	14
4167.016	16
4167.018	18
4167.020	20
4167.022	22

DHS/DCS COMPRESSION SCREW



For use with DHS and DCS plates.
Hexagonal Socket - 3.5mm

SIZE	CAT. NO.
Length 36mm	4168.990

DHS/DCS SCREW



Profile
Thread Diameter - 12.5mm
Thread Length - 22.0mm
Shaft Diameter - 8.0mm

SIZE	CAT. NO.	SIZE	CAT. NO.
Length 50mm	4168.050	Length 100mm	4168.100
Length 55mm	4168.055	Length 105mm	4168.105
Length 60mm	4168.060	Length 110mm	4168.110
Length 65mm	4168.065	Length 115mm	4168.115
Length 70mm	4168.070	Length 120mm	4168.120
Length 75mm	4168.075	Length 125mm	4168.125
Length 80mm	4168.080	Length 130mm	4168.130
Length 85mm	4168.085	Length 135mm	4168.135
Length 90mm	4168.090	Length 140mm	4168.140
Length 95mm	4168.095	Length 145mm	4168.145

DHS DOUBLE ANGLED BARREL PLATE 120° DCP HOLE



With DCP dynamic compression holes and slot for tension device.
Fixation with 4.5mm Cortical Screws.

Profile
Thickness - 5.4mm
Width - 16.0mm
Hole Spacing - 16.0mm
Outer Barrel Diameter - 12.5mm
Barrel Length - 25mm

CAT NO.	HOLES
4166.104	4
4166.105	5
4166.106	6
4166.107	7
4166.108	8

PEDIATRIC DHS PLATE



Profile:
Thickness- 6.0mm to 5.0mm
Width- 16mm
Hole Spacing- 16mm
Outer Barrel Dia - 12.3mm
Barrel length - 23mm

ROUND HOLES

Holes	125 DEG.	130 DEG.	135 DEG.
3 Holes	4166.913	4166.923	4166.903
4 Holes	4166.914	4166.924	4166.904
5 Holes	4166.915	4166.925	4166.905
6 Holes	4166.916	4166.926	4166.906

DCP HOLES

Holes	125 DEG.	130 DEG.	135 DEG.	140 DEG.
3 Holes	4166.953	4166.963	4166.973	4166.9797
4 Holes	4166.954	4166.964	4166.974	4166.9798
5 Holes	4166.955	4166.965	4166.975	4166.9799
6 Holes	4166.956	4166.966	4166.976	4166.9800
8 Holes	4166.9551	4166.9661	4166.9761	4166.9801
9 Holes	4166.9561	-	4166.979	-

PEDIATRIC DHS SCREW DIA. 9.5 MM

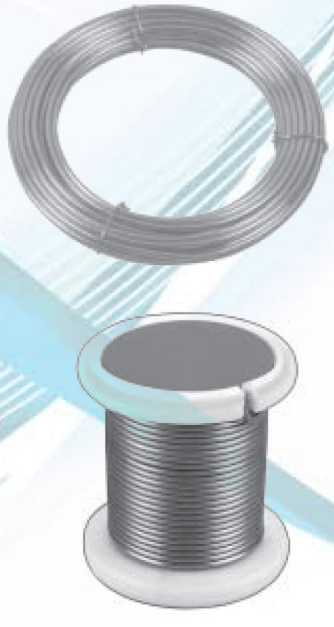


Profile:
Thread Diameter - 9.5 mm
Thread Length - 17mm
Shaft Diameter - 6.9mm

SIZE	CAT. NO	SIZE	CAT. NO
40mm	4168.240	75mm	4168.275
45mm	4168.245	80mm	4168.280
50mm	4168.250	85mm	4168.285
55mm	4168.255	90mm	4168.290
60mm	4168.260	95mm	4168.295
65mm	4168.265	100mm	4168.300
70mm	4168.270		

STAINLESS STEEL SUTURE WIRE

SIZE	3 MTR. ROLL	3MTR (on spool)	10 MTR. ROLL
		CAT. NO.	
Dia 16 SWG (1.60mm)	4184.016	4184.016	4184.216
Dia 17 SWG (1.50mm)	4184.017	4184.017	4184.217
Dia 18 SWG (1.25mm)	4184.018	4184.018	4184.218
Dia 19 SWG (1.00mm)	4184.019	4184.019	4184.219
Dia 20 SWG (0.90mm)	4184.020	4184.020	4184.220
Dia 21 SWG (0.80mm)	4184.021	4184.021	4184.221
Dia 22 SWG (0.70mm)	4184.022	4184.022	4184.222
Dia 23 SWG (0.60mm)	4184.023	4184.023	4184.223
Dia 24 SWG (0.55mm)	4184.024	4184.024	4184.224
Dia 26 SWG (0.45mm)	4184.026	4184.026	4184.226
Dia 28 SWG (0.35mm)	4184.028	4184.028	4184.228
Dia 30 SWG (0.30mm)	4184.030	4184.030	4184.230



KIRSCHNER WIRE WITH TROCAR TIP



Leangth	70mm		100mm		150mm		175mm		200mm		225mm		300mm		310mm		400mm	
	Double Trocar	Single Trocar	Double Trocar	Single Trocar	Double Trocar	Single Trocar	Double Trocar	Single Trocar	Double Trocar	Single Trocar	Double Trocar	Single Trocar	Double Trocar	Single Trocar	Double Trocar	Single Trocar	Double Trocar	Single Trocar
Dia																		
0.8mm	4185.101	4185.1982	4185.102	4185.1983	4185.103	4185.1984	-	-	-	-	-	-	4185.1031	4185.1985	4185.1032	-	-	-
0.9mm	4185.108	4185.1986	4185.109	4185.1987	4185.110	4185.1988	-	-	-	-	-	-	4185.1101	4185.1989	-	-	-	-
1.0mm	-	4185.1990	4185.115	4185.1991	4185.116	4185.1992	4185.1161	4185.1993	4185.1162	4185.1994	4185.117	4185.1995	4185.1171	4185.1996	4185.1172			
1.1mm	-	-	4185.121	4185.1997	4185.122	4185.1998	-	-	-	-	4185.123	4185.1999	4185.1231	4185.2000	-	-	-	-
1.2mm	-	-	4185.126	4185.2001	4185.127	4185.2002	4185.1271	4185.2003	4185.1272	4185.2004	4185.128	4185.2005	4185.1281	4185.2006	4185.1282	-	-	-
1.3mm	-	-	-	-	4185.1283	4185.2007	-	-	-	-	-	-	4185.1284	4185.2008	-	-	-	-
1.4mm	-	-	4185.131	4185.2009	4185.132	4185.2010	4185.1321	4185.2011	4185.1322	4185.2012	4185.133	4185.2013	4185.1331	4185.2014	-	-	-	-
1.5mm	-	-	-	-	4185.14	4185.2015	4185.1401	4185.2016	4185.1402	4185.2017	4185.141	4185.2018	4185.142	4185.2019	-	-	4185.1421	4185.2020
1.6mm	-	-	-	-	4185.146	4185.2021	4185.1461	4185.2022	4185.1462	4185.2023	4185.147	4185.2024	4185.148	4185.2025	4185.1481	-	-	-
1.7mm	-	-	-	-	4185.1482	4185.2026	-	-	-	-	-	-	4185.1483	4185.2027	-	-	-	-
1.8mm	-	-	-	-	4185.150	4185.2028	4185.1501	4185.2029	4185.1502	4185.2030	4185.151	4185.2031	4185.152	4185.2032	4185.1521	-	4185.1522	4185.2033
1.9mm	-	-	-	-	4185.1523	4185.2034	-	-	-	-	-	-	4185.1524	4185.2035		-		
2.0mm	-	-	-	-	4185.156	4185.2036	4185.1561	4185.2037	4185.1562	4185.2038	4185.157	4185.2039	4185.158	4185.2040	4185.1581	4185.2041	4185.1582	4185.2042
2.1mm	-	-	-	-	4185.1583	4185.2043	-	-	-	-	-	-	4185.1584	4185.2044	-	-	-	-
2.2mm	-	-	-	-	4185.1585	4185.2045	4185.1661	4185.2046	4185.1662	4185.2047	4185.167	4185.2048	4185.168	4185.2049	-	4185.2050	-	-
2.3mm	-	-	-	-	4185.176	4185.2051	4185.1761	4185.2052	4185.1762	4185.2053	4185.177	4185.2054	4185.178	4185.2055	-	-	-	-
2.4mm	-	-	-	-	4185.1781	4185.2056	-	-	-	-	-	-	4185.1782	4185.2057	-	-	-	-
2.5mm	-	-	-	-	4185.186	4185.2058	4185.1861	4185.2059	4185.1862	4185.2060	4185.187	4185.2061	4185.188	4185.2062	4185.1881	4185.2063	-	-
3.0mm	-	-	-	-	4185.196	4185.2064	4185.1961	4185.2065	4185.1962	4185.2066	4185.197	4185.2067	4185.198	4185.2068	4185.1981	-	-	-

THREADED KIRSCHNER WIRE



Length 150mm		Length 225mm		Length 250mm		Length 400mm	
CAT. NO.	Dia	CAT. NO.	Dia	CAT. NO.	Dia	CAT. NO.	Dia
4185.315	1.5mm	4185.215	1.5mm	4185.325	1.6mm	4186.3253	1.5mm
4185.320	2.0mm	4185.220	2.0mm	4185.325	2.0mm	4187.3254	1.8mm
4185.325	2.5mm	4185.225	2.5mm				

STEINMAN PIN



	DIA							
	2.5mm	3.0mm	3.2mm	3.5mm	4.0mm	4.5mm	4.8mm	5.0mm
LENGTH	CAT. NO.							
150mm	-	4187.3015	-	4187.3515	4187.4015	4187.4024	-	4187.5015
175mm	-	4187.3017	-	4187.3517	4187.4017	4187.4025	-	4187.5017
200mm	-	4187.3020	-	4187.3520	4187.4020	4187.4026	-	4187.5020
225mm	-	4187.3022	-	4187.3522	4187.4022	4187.4027	-	4187.5022
250mm	-	-	4187.30222	-	4187.40220	-	4187.40272	-
300mm	4187.25221	4187.30221	-	4187.35221	4187.40221	4187.40271	-	4187.50221

CENTRALLY THREADED STEINMAN PIN



Trocar Tip, Thread Diameter 0.5 mm larger than pin Diameter. Length 225mm

SIZE	CAT.NO.
Dia 4.0mm x 225mm Length	4188.040
Dia 4.5mm x 225mm Length	4188.045
Dia 5.0mm x 225mm Length	4188.050
Dia 6.0mm x 225mm Length	4188.060

CERCLAGE WIRE WITH LOOP



	280mm	600mm
DIA	CAT. NO.	
17 SWG (1.5mm)	4193.217	4193.317
18 SWG (1.25mm)	4193.218	4193.318
19 SWG (1.0mm)	4193.219	4193.319
20 SWG (0.9mm)	4193.220	4193.320
21 SWG (0.8mm)	4193.221	4193.321

STAPLE - U TYPE



Height : 20mm

DIA	WIDTH		
	15mm	20mm	25mm
	CAT NO.		
1.5mm	4189.101	4189.102	4189.103
2.0mm	4189.201	4189.202	4189.203
2.5mm	4189.301	4189.302	4189.303
3.0mm	4189.401	4189.402	4189.403

STAPLE - COVENTARY



CAT NO.	DIA
4190.005	5mm Step
4190.010	10mm Step
4190.015	15mm Step

DRUMMER'S WIRE



CAT. NO.	DIA
4196.010	18 SWG (1.25mm)
4196.020	20 SWG (0.9mm)

THREADED GUIDE WIRE

CAT NO	LENGTH	DIA	CAT NO	LENGTH	DIA
4600.002	125 mm	1.0 mm	4600.017	200 mm	2.0 mm
4600.003	150 mm	1.0 mm	4600.018	225 mm	2.0 mm
4600.004	175 mm	1.0 mm	4600.019	100 mm	2.5 mm
4600.005	200 mm	1.0 mm	4600.020	125 mm	2.5 mm
4600.006	225 mm	1.0 mm	4600.021	150 mm	2.5 mm
4600.007	100 mm	1.5 mm	4600.022	175 mm	2.5 mm
4600.008	125 mm	1.5 mm	4600.023	200 mm	2.5 mm
4600.009	150 mm	1.5 mm	4600.024	225 mm	2.5 mm
4600.010	175 mm	1.5 mm	4600.025	100 mm	3.0 mm
4600.011	200 mm	1.5 mm	4600.026	125 mm	3.0 mm
4600.012	225 mm	1.5 mm	4600.027	150 mm	3.0 mm
4600.013	100 mm	2.0 mm	4600.028	175 mm	3.0 mm
4600.014	125 mm	2.0 mm	4600.029	200 mm	3.0 mm
4600.015	150 mm	2.0 mm	4600.030	225 mm	3.0 mm
4600.016	175 mm	2.0 mm			

GIGLI SAW WIRE



CAT. NO
4248.0212

ILIZAROV WIRE



BAYONET CAT NO.	SIZE	TROCAR CAT. NO
4248.010	1.5mm , Length 400mm	4248.014
4248.012	1.8mm, Length 400mm	4248.016

OLIVE WIRE



BAYONET CAT NO.	SIZE	TROCAR CAT. NO
4248.019	1.5mm, Length 400mm	4248.018
4248.021	1.8mm, Length 400mm	4248.020

FRONT THREADED PIN (SCHANZ SCREW)



CAT.NO.	DIA	LENGTH	CAT.NO.	DIA	LENGTH	CAT.NO.	DIA	LENGTH
4211.3011	2.0mm	150mm	4211.009	4.5mm	32mm	4211.0363	5.0mm	40mm
4211.3012	2.0mm	175mm	4211.010	4.5mm	40mm	4211.0364	5.5mm	18mm
4211.3013	2.0mm	200mm	4211.011	4.5mm	25mm	4211.0365	5.5mm	25mm
4211.3014	2.0mm	225mm	4211.012	4.5mm	32mm	4211.0366	5.5mm	18mm
4211.3015	2.5mm	150mm	4211.013	4.5mm	40mm	4211.0367	5.5mm	25mm
4211.3016	2.5mm	175mm	4211.014	4.5mm	25mm	4211.0368	5.5mm	32mm
4211.3017	2.5mm	200mm	4211.015	4.5mm	32mm	4211.0369	5.5mm	40mm
4211.3018	2.5mm	225mm	4211.016	4.5mm	40mm	4211.0370	5.5mm	25mm
4211.301	3.0mm	150mm	4211.025	5.0mm	18mm	4211.0371	5.5mm	32mm
4211.302	3.0mm	175mm	4211.026	5.0mm	25mm	4211.0372	5.5mm	40mm
4211.303	3.0mm	200mm	4211.0261	5.0mm	50mm	4211.0373	5.5mm	25mm
4211.304	3.0mm	225mm	4211.027	5.0mm	18mm	4211.0374	5.5mm	32mm
4211.305	3.5mm	150mm	4211.028	5.0mm	25mm	4211.0375	5.5mm	40mm
4211.306	3.5mm	175mm	4211.029	5.0mm	32mm	4211.0376	5.5mm	25mm
4211.307	3.5mm	200mm	4211.030	5.0mm	40mm	4211.0377	5.5mm	32mm
4211.308	3.5mm	225mm	4211.0301	5.0mm	50mm	4211.0378	5.5mm	40mm
4211.001	4.0mm	18mm	4211.031	5.0mm	25mm	4220.010	1.5mm	75mm
4211.401	4.0mm	150mm	4211.032	5.0mm	32mm	4220.020	2.0mm	75mm
4211.002	4.0mm	25mm	4211.033	5.0mm	40mm	4220.030	2.5mm	100mm
4211.402	4.0mm	200mm	4211.034	5.0mm	25mm	4220.031	2.5mm	150mm
4211.403	4.0mm	225mm	4211.035	5.0mm	32mm	4220.034	3.5mm	18mm
4211.005	4.5mm	18mm	4211.036	5.0mm	40mm	4220.040	3.5mm	14mm
4211.006	4.5mm	25mm	4211.0361	5.0mm	25mm	4220.041	3.5mm	20mm
4211.007	4.5mm	18mm	4211.0362	5.0mm	32mm	4211.050	4.5mm	Blunt Tip
4211.008	4.5mm	25mm						

CANCELLOUS FRONT THREADED PIN (SCHANZ SCREW)

CAT.NO.	DIA	LENGTH	CAT.NO.	DIA	LENGTH	CAT.NO.	DIA	LENGTH
4212.647	4.0mm	150 mm	4212.650	4.0mm	225 mm	4212.653	6.5mm	200 mm
4212.648	4.0mm	175 mm	4212.651	6.5mm	150 mm	4212.654	6.5mm	225 mm
4212.649	4.0mm	200 mm	4212.652	6.5mm	175 mm	4212.6541	6.5mm	225 mm

HART SHELL



CAT NO.	LENGTH
4195.103	75mm
4195.104	100mm
4195.105	125mm
4195.106	150mm
4195.107	175mm
4195.108	200mm
4195.109	225mm
4195.110	250mm

STEFFEE PLATE



HOLES	CAT. NO.
1.0 Hole	4198.010
1.5 Holes	4198.015
2.0 Holes	4198.020
2.5 Holes	4198.025
3.0 Holes	4198.030
3.5 Holes	4198.035
4.0 Holes	4198.040
4.5 Holes	4198.045
5.0 Holes	4198.050

H-PLATE FOR CERVICAL SPINE



Holes	CAT. NO.	Hole Spacing	Length
5	4199.001	16mm	23mm
5	4199.002	18mm	25mm
5	4199.003	21mm	28mm
8	4199.004	16+18mm	41mm
8	4199.005	18+21mm	46mm
11	4199.006	16+18+18mm	58mm

STEFFEE SCREW



	CAT. NO.			
SIZE	4.5MM DIA	5.5MM DIA	6.25MM DIA.	7.0MM DIA.
24mm	4198.124	4198.224	4198.324	4198.424
26mm	4198.126	4198.226	4198.326	4198.426
28mm	4198.128	4198.228	4198.328	4198.428
30mm	4198.130	4198.230	4198.330	4198.430
32mm	4198.132	4198.232	4198.332	4198.432
34mm	4198.134	4198.234	4198.334	4198.434
36mm	4198.136	4198.236	4198.336	4198.436
38mm	4198.138	4198.238	4198.338	4198.438
40mm	4198.140	4198.240	4198.340	4198.440
42mm	4198.142	4198.242	4198.342	4198.442
44mm	4198.144	4198.244	4198.344	4198.444
46mm	4198.146	4198.246	44198.346	4198.446
48mm	4198.148	4198.248	4198.348	4198.448
50mm	4198.150	4198.250	4198.350	4198.450
52mm	4198.152	4198.252	4198.352	4198.452
54mm	4198.154	4198.254	4198.354	4198.454
56mm	4198.156	4198.256	4198.356	4198.456
58mm	4198.158	4198.258	4198.358	4198.458
60mm	4198.160	4198.260	4198.360	4198.460

DRILL BITS & BONE TAPS

DRILL BIT - S.S. QUICK COUPLING END



CAT. NO	DIA	LENGTH	CAT. NO	DIA	LENGTH
4260.110	1.1mm	60mm	4260.325	3.2mm	200mm
4260.115	1.5mm	60mm	4260.326	3.2mm	145mm
4260.117	1.5mm	85mm	4260.349	3.5mm	110mm
4260.118	1.5mm	95mm	4260.350	3.5mm	130mm
4260.1181	1.8mm	80mm	4260.3501	3.5mm	180mm
4260.200	2.0mm	100mm	4260.375	3.5mm	200mm
4260.205	2.0mm	125mm	4260.3751	4.0mm	180mm
4260.2051	2.4mm	115mm	4260.450	4.5mm	130mm
4260.250	2.5mm	115mm	4260.451	4.5mm	145mm
4260.254	2.5mm	180mm	4260.4511	4.5mm	180mm
4260.255	2.5mm	200mm	4260.4512	4.5mm	195mm
4260.270	2.7mm	125mm	4260.475	4.5mm	200mm
4260.2701	2.7mm	130mm	4260.5101	5.5mm	145mm
4260.275	2.7mm	200mm	4260.511	6.5mm	Long
4260.320	3.2mm	130mm	4260.512	6.5mm	Short

DRILL BIT- PLAIN SHANK/ JACOB CHUCK END

DIA	LENGTH	CAT. NO	DIA	LENGTH	CAT. NO
1.1mm	60mm	4261.611	4.0mm	145mm	4261.6362
1.1mm	100mm	4261.6111	4.0mm	145mm	4261.6363
1.5mm	60mm	4261.615	4.0mm	180mm	4261.6364
1.5mm	100mm	4261.6151	4.0mm	200mm	4261.6365
1.8mm	80mm	4261.6152	4.0mm	300mm	4261.6366
1.8mm	100mm	4261.6153	4.5mm	130mm	4261.645
1.8mm	200mm	4261.6154	4.5mm	180mm	4261.6451
1.9mm	120mm	4261.6155	4.5mm	180mm	4261.6452
2.0mm	100mm	4261.620	4.5mm	200mm	4261.646
2.0mm	130mm	4261.6201	4.5mm	220mm	4261.6461
2.0mm	140mm	4261.6202	4.5mm	280mm	4261.647
2.0mm	200mm	4261.622	4.8mm	280mm	4261.648
2.3mm	140mm	4261.6221	5.5mm	180mm	4261.6481
2.4mm	115mm	4261.6222	5.5mm	180mm	4261.6482
2.4mm	150mm	4261.6223	1.1mm	25mm flute	4261.6481
2.5mm	115mm	4261.625	1.5mm	40mm flute	4261.6482
2.5mm	180mm	4261.6251	2.0mm	50mm flute	4261.6483
2.5mm	200mm	4261.626	2.5mm	55mm flute	4261.6484
2.7mm	130mm	4261.627	2.7mm	60mm flute	4261.6485
2.7mm	180mm	4261.6271	2.8mm	60mm flute	4261.6486
2.7mm	200mm	4261.629	3.2mm	60mm flute	4261.6487
3.0mm	115mm	4261.6291	3.5mm	60mm flute	4261.6488
3.0mm	180mm	4261.6292	2.5mm	115mm HSS	4262.005
3.0mm	200mm	4261.6293	2.7mm	130mm HSS	4262.010
3.2mm	130mm	4261.632	3.2mm	130mm HSS	4262.015
3.2mm	180mm	4261.6321	3.2mm	200mm HSS	4262.020
3.2mm	200mm	4261.633	3.5mm	130mm HSS	4262.025
3.5mm	130mm	4261.635	3.5mm	200mm HSS	4262.030
3.5mm	200mm	4261.636	4.5mm	130mm HSS	4262.035
3.8mm	180mm	4261.6361	4.5mm	200mm HSS	4262.040

BONE TAP WITH T - HANDLE



CAT. NO.	DIA	THREAD	LENGTH
4263.010	1.5mm	24mm	75mm
4263.015	2.0mm	24mm	75mm
4263.020	2.7mm	33mm	125mm
4263.021	2.7mm	33mm	200mm
4263.0211	2.7mm	60mm	150mm
4263.025	3.5mm	50mm	125mm
4263.030	3.5mm	50mm	125mm
4263.035	3.5mm	50mm	200mm
4263.0351	3.5mm	60mm	170mm
4263.037	4.0mm	50mm	125mm
4263.040	4.5mm	70mm	125mm
4263.045	4.5mm	70mm	175mm
4263.0451	4.5mm	70mm	200mm
4263.050	6.5mm	32mm	200mm

BONE TAP QUICK COUPLING END



CAT. NO.	DIA	THREAD	LENGTH
4264.010	1.5mm	24mm	50mm
4264.015	2.0mm	24mm	75mm
4264.020	2.7mm	33mm	100mm
4264.021	3.5mm	50mm	125mm
4264.025	3.5mm	58mm	110mm
4264.030	3.5mm	50mm	110mm
4264.035	3.5mm	50mm	175mm
4264.037	4.0mm	85mm	110mm
4264.040	4.5mm	70mm	125mm
4264.045	4.5mm	70mm	175mm
4264.050	6.5mm	32mm	195mm
4264.055	5.5mm	100mm	195mm

Sizes can be altered as per requirement. All above Bits & Taps, available with Cannulation, Calibration Titanium Nitrate Coating & Anti-Skid

ENDERS NAIL



SIZE	CAT. NO. 3.5MM	4.0MM	4.5MM
Length 200mm	4034.35.20	-	-
Length 210mm	4034.35.21	-	-
Length 220mm	4034.35.22	-	-
Length 230mm	4034.35.23	-	-
Length 240mm	4034.35.24	4034.40.24	-
Length 250mm	4034.35.25	4034.40.25	-
Length 260mm	4034.35.26	4034.40.26	4034.45.26
Length 270mm	4034.35.27	4034.40.27	4034.45.27
Length 280mm	4034.35.28	4034.40.28	4034.45.28
Length 290mm	4034.35.29	4034.40.29	4034.45.29
Length 300mm	4034.35.30	4034.40.30	4034.45.30
Length 310mm	4034.35.31	4034.40.31	4034.45.31
Length 320mm	4034.35.32	4034.40.32	4034.45.32
Length 330mm	4034.35.33	4034.40.33	4034.45.33
Length 340mm	4034.35.34	4034.40.34	4034.45.34
Length 350mm	4034.35.35	4034.40.35	4034.45.35
Length 360mm	-	4034.40.36	4034.45.36
Length 370mm	-	4034.40.37	4034.45.37
Length 380mm	-	4034.40.38	4034.45.38
Length 390mm	-	4034.40.39	4034.45.39
Length 400mm	-	4034.40.40	4034.45.40
Length 410mm	-	-	4034.45.41
Length 420mm	-	-	4034.45.42
Length 430mm	-	-	4034.45.43
Length 440mm	-	-	4034.45.44
Length 450mm	-	-	4034.45.45
Length 460mm	-	-	4034.45.46

Available in S.S. & Titanium

TITANIUM ELASTIC NAIL



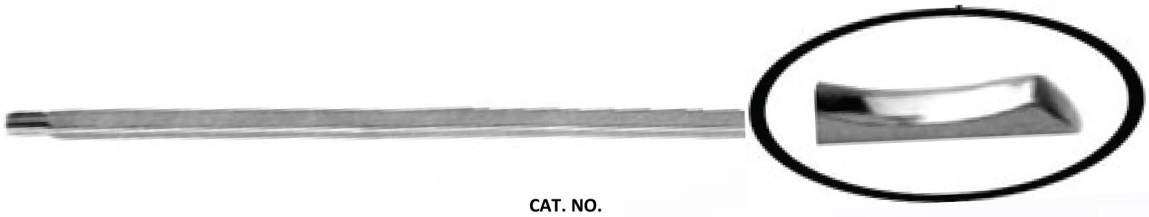
CAT. NO.	SIZE
JTi 009.144	2.0mm Dia. X 440mm Length
JTi 010.144	2.5mm Dia. X 440mm Length
JTi 011.144	3.0mm Dia. X 440mm Length
JTi 012.144	3.5mm Dia. X 440mm Length
JTi 013.144	4.0mm Dia. X 440mm Length

RUSH NAIL



	CAT. NO.								
SIZE	2.0MM	2.5MM	3.0MM	3.5MM	4.0MM	4.5MM	5.0MM	5.5MM	6.0MM
Length 50mm	4186.20.05								
Length 60mm	4186.20.06								
Length 70mm	4186.20.07								
Length 80mm	4186.20.08								
Length 90mm	4186.20.09								
Length 100mm	4186.20.10	4186.25.10	4186.30.10	4186.35.10					
Length 110mm	4186.20.11	4186.25.11	4186.30.11	4186.35.11					
Length 120mm	4186.20.12	4186.25.12	4186.30.12	4186.35.12					
Length 130mm	4186.20.13	4186.25.13	4186.30.13	4186.35.13					
Length 140mm	4186.20.14	4186.25.14	4186.30.14	4186.35.14					
Length 150mm	4186.20.15	4186.25.15	4186.30.15	4186.35.15	4186.40.15				
Length 160mm	4186.20.16	4186.25.16	4186.30.16	4186.35.16	4186.40.16				
Length 170mm	4186.20.17	4186.25.17	4186.30.17	4186.35.17	4186.40.17				
Length 180mm	4186.20.18	4186.25.18	4186.30.18	4186.35.18	4186.40.18				
Length 190mm	4186.20.19	4186.25.19	4186.30.19	4186.35.19	4186.40.19				
Length 200mm	4186.20.20	4186.25.20	4186.30.20	4186.35.20	4186.40.20	4186.40.401	4186.50.20	4186.50.401	4186.60.20
Length 210mm	4186.20.21	4186.25.21	4186.30.21	4186.35.21	4186.40.21	4186.40.402	4186.50.21	4186.50.402	4186.60.21
Length 220mm	4186.20.22	4186.25.22	4186.30.22	4186.35.22	4186.40.22	4186.40.403	4186.50.22	4186.50.403	4186.60.22
Length 230mm	4186.20.23	4186.25.23	4186.30.23	4186.35.23	4186.40.23	4186.40.404	4186.50.23	4186.50.404	4186.60.23
Length 240mm	4186.20.24	4186.25.24	4186.30.24	4186.35.24	4186.40.24	4186.40.405	4186.50.24	4186.50.405	4186.60.24
Length 250mm	4186.20.25	4186.25.25	4186.30.25	4186.35.25	4186.40.25	4186.40.406	4186.50.25	4186.50.406	4186.60.25
Length 260mm		4186.25.26	4186.30.26	4186.35.26	4186.40.26	4186.40.407	4186.50.26	4186.50.407	4186.60.26
Length 270mm		4186.25.27	4186.30.27	4186.35.27	4186.40.27	4186.40.408	4186.50.27	4186.50.408	4186.60.27
Length 280mm		4186.25.28	4186.30.28	4186.35.28	4186.40.28	4186.40.409	4186.50.28	4186.50.409	4186.60.28
Length 290mm		4186.25.29	4186.30.29	4186.35.29	4186.40.29	4186.40.410	4186.50.29	4186.50.410	4186.60.29
Length 300mm	4186.20.251	4186.25.30	4186.30.30	4186.35.30	4186.40.30	4186.40.411	4186.50.30	4186.50.411	4186.60.30
Length 310mm					4186.40.31	4186.40.412	4186.50.31	4186.50.412	4186.60.31
Length 320mm					4186.40.32	4186.40.413	4186.50.32	4186.50.413	4186.60.32
Length 330mm					4186.40.33	4186.40.414	4186.50.33	4186.50.414	4186.60.33
Length 340mm					4186.40.34	4186.40.415	4186.50.34	4186.50.415	4186.60.34
Length 350mm					4186.40.35	4186.40.416	4186.50.35	4186.50.416	4186.60.35
Length 360mm					4186.40.36	4186.40.417	4186.50.36	4186.50.417	4186.60.36
Length 370mm					4186.40.37	4186.40.418	4186.50.37	4186.50.418	4186.60.37
Length 380mm					4186.40.38	4186.40.419	4186.50.38	4186.50.419	4186.60.38
Length 390mm					4186.40.39	4186.40.420	4186.50.39	4186.50.420	4186.60.39
Length 400mm					4186.40.40	4186.40.421	4186.50.40	4186.50.421	4186.60.40

SQUARE NAIL FOR RADIUS



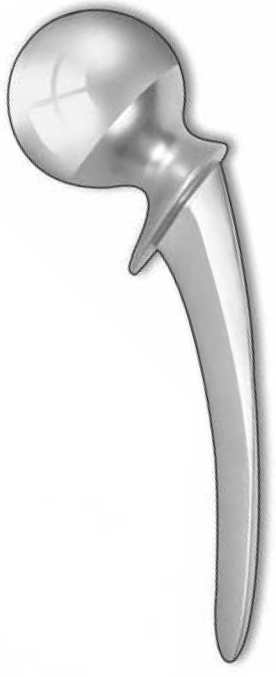
SIZE	CAT. NO. 1.5MM	2.0MM	2.5MM	3.0MM	3.5MM	4.0MM
Length 170mm	4183.15.17R	4183.20.17R	4183.25.17R			
Length 180mm	4183.15.18R	4183.20.18R	4183.25.18R			
Length 190mm	4183.15.19R	4183.20.19R	4183.25.19R			
Length 200mm	4183.15.20R	4183.20.20R	4183.25.20R	4183.30.20R	4183.35.20R	4183.40.20R
Length 210mm	4183.15.21R	4183.20.21R	4183.25.21R	4183.30.21R	4183.35.21R	4183.40.21R
Length 220mm	4183.15.22R	4183.20.22R	4183.25.22R	4183.30.22R	4183.35.22R	4183.40.22R
Length 230mm	4183.15.23R	4183.20.23R	4183.25.23R	4183.30.23R	4183.35.23R	4183.40.23R
Length 240mm	4183.15.24R	4183.20.24R	4183.25.24R	4183.30.24R	4183.35.24R	4183.40.24R
Length 250mm	4183.15.25R	4183.20.25R	4183.25.25R	4183.30.25R	4183.35.25R	4183.40.25R
Length 260mm	4183.15.26R	4183.20.26R	4183.25.26R	4183.30.26R	4183.35.26R	4183.40.26R
Length 270mm	4183.15.27R	4183.20.27R	4183.25.27R	4183.30.27R	4183.35.27R	4183.40.27R
Length 280mm	4183.15.28R	4183.20.28R	4183.25.28R	4183.30.28R	4183.35.28R	4183.40.28R
Length 290mm	4183.15.29R	4183.20.29R	4183.25.29R	4183.30.29R	4183.35.29R	4183.40.29R
Length 300mm	4183.15.30R	4183.20.30R	4183.25.30R	4183.30.30R	4183.35.30R	4183.40.30R

SQUARE NAIL FOR ULNA



SIZE	CAT. NO. 1.5MM	2.0MM	2.5MM	3.0MM	3.5MM	4.0MM
Length 170mm	4183.15.17U	4183.20.17U	4183.25.17U	-	-	-
Length 180mm	4183.15.18U	4183.20.18U	4183.25.18U	-	-	-
Length 190mm	4183.15.19U	4183.20.19U	4183.25.19U	-	-	-
Length 200mm	4183.15.20U	4183.20.20U	4183.25.20U	4183.30.20U	4183.35.20U	4183.40.20U
Length 210mm	4183.15.21U	4183.20.21U	4183.25.21U	4183.30.21U	4183.35.21U	4183.40.21U
Length 220mm	4183.15.22U	4183.20.22U	4183.25.22U	4183.30.22U	4183.35.22U	4183.40.22U
Length 230mm	4183.15.23U	4183.20.23U	4183.25.23U	4183.30.23U	4183.35.23U	4183.40.23U
Length 240mm	4183.15.24U	4183.20.24U	4183.25.24U	4183.30.24U	4183.35.24U	4183.40.24U
Length 250mm	4183.15.25U	4183.20.25U	4183.25.25U	4183.30.25U	4183.35.25U	4183.40.25U
Length 260mm	4183.15.26U	4183.20.26U	4183.25.26U	4183.30.26U	4183.35.26U	4183.40.26U
Length 270mm	4183.15.27U	4183.20.27U	4183.25.27U	4183.30.27U	4183.35.27U	4183.40.27U
Length 280mm	4183.15.28U	4183.20.28U	4183.25.28U	4183.30.28U	4183.35.28U	4183.40.28U
Length 290mm	4183.15.29U	4183.20.29U	4183.25.29U	4183.30.29U	4183.35.29U	4183.40.29U
Length 300mm	4183.15.30U	4183.20.30U	4183.25.30U	4183.30.30U	4183.35.30U	4183.40.30U

THOMPSON HIP PROSTHESIS



SIZE	CAT. NO. STANDARD STEM	NARROW STEM
Dia. 37mm	4172.037	4172.337
Dia. 38mm	4172.038	4172.338
Dia. 39mm	4172.039	4172.339
Dia. 40mm	4172.040	4172.340
Dia. 41mm	4172.041	4172.341
Dia. 42mm	4172.042	4172.342
Dia. 43mm	4172.043	4172.343
Dia. 44mm	4172.044	4172.344
Dia. 45mm	4172.045	4172.345
Dia. 46mm	4172.046	4172.346
Dia. 47mm	4172.047	4172.347
Dia. 48mm	4172.048	4172.348
Dia. 49mm	4172.049	4172.349
Dia. 51mm	4172.051	4172.351
Dia. 53mm	4172.053	4172.353
Dia. 55mm	4172.055	4172.355

AUSTIN MOORE HIP PROSTHESIS



SIZE	CAT. NO. NARROW STEM	STANDARD STEM	BROAD STEM	EXTRA LONG STEM
Dia. 37mm	4174.037	4173.037		4175.037
Dia. 38mm	4174.038	4173.038		
Dia. 39mm	4174.039	4173.039	4173.269	4175.039
Dia. 40mm	4174.040	4173.040	4173.27	
Dia. 41mm	4174.041	4173.041	4173.271	4175.041
Dia. 42mm	4174.042	4173.042	4173.272	
Dia. 43mm	4174.043	4173.043	4173.273	4175.043
Dia. 44mm	4174.044	4173.044	4173.274	
Dia. 45mm	4174.045	4173.045	4173.275	4175.045
Dia. 46mm	4174.046	4173.046	4173.276	
Dia. 47mm	4174.047	4173.047	4173.277	4175.047
Dia. 48mm	4174.048	4173.048	4173.278	
Dia. 49mm	4174.049	4173.049	4173.279	4175.049
Dia. 50mm	4174.050	4173.050	4173.28	
Dia. 51mm	4174.051	4173.051	4173.281	4175.051
Dia. 52mm	4174.052	4173.052	4173.282	
Dia. 53mm	4174.053	4173.053	4173.283	4175.053
Dia. 54mm	4174.054	4173.054	4173.284	
Dia. 55mm	4174.055	4173.055	4173.285	4175.055
Dia. 56mm	4174.056	4173.056		

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