



No.1 & GROWING
NARANG MEDICAL LIMITED
ISO 9001:2000, ISO 13485:2003, CE & WHO:GMP Compliance

☐ LARGE FRAGMENTS





4.5MM CORTEX SCREWS

Length in mm.	Code No. S.S.
12	106.012
14	106.014
16	106.016
18	106.018
20	106.020
22	106.022
24	106.024
26	106.026
28	106.028
30	106.030
32	106.032
34	106.034
36	106.036
38	106.038
40	106.040
42	106.042
44	106.044
46	106.046
48	106.048
50	106.050
52	106.052
54	106.054
56	106.056
58	106.058
60	106.060
62	106.062
64	106.064
66	106.066
68	106.068
70	106.070
72	106.072
74	106.074
76	106.076
78	106.078
80	106.080

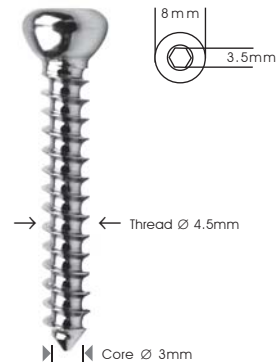
Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm



4.5MM CORTEX SCREWS

Length in mm.	Code No. TITANIUM
12	Ti-106.012
14	Ti-106.014
16	Ti-106.016
18	Ti-106.018
20	Ti-106.020
22	Ti-106.022
24	Ti-106.024
26	Ti-106.026
28	Ti-106.028
30	Ti-106.030
32	Ti-106.032
34	Ti-106.034
36	Ti-106.036
38	Ti-106.038
40	Ti-106.040
42	Ti-106.042
44	Ti-106.044
46	Ti-106.046
48	Ti-106.048
50	Ti-106.050
52	Ti-106.052
54	Ti-106.054
56	Ti-106.056
58	Ti-106.058
60	Ti-106.060
62	Ti-106.062
64	Ti-106.064
66	Ti-106.066
68	Ti-106.068
70	Ti-106.070
72	Ti-106.072
74	Ti-106.074
76	Ti-106.076
78	Ti-106.078
80	Ti-106.080

Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm



06
25

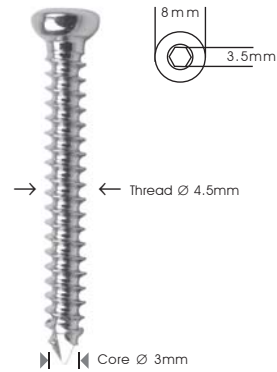




4.5MM CORTEX SCREWS (SELF TAPPING)

Length in mm.	Code No. S.S.
12	106.212
14	106.214
16	106.216
18	106.218
20	106.220
22	106.222
24	106.224
26	106.226
28	106.228
30	106.230
32	106.232
34	106.234
36	106.236
38	106.238
40	106.240
42	106.242
44	106.244
46	106.246
48	106.248
50	106.250
52	106.252
54	106.254
56	106.256
58	106.258
60	106.260
62	106.262
64	106.264
66	106.266
68	106.268
70	106.270
72	106.272
74	106.274
76	106.276
78	106.278
80	106.280

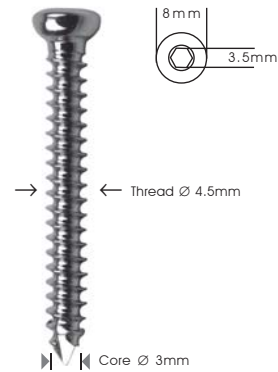
Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm



4.5MM CORTEX SCREWS (SELF TAPPING)

Length in mm.	Code No. TITANIUM
12	Ti-106.212
14	Ti-106.214
16	Ti-106.216
18	Ti-106.218
20	Ti-106.220
22	Ti-106.222
24	Ti-106.224
26	Ti-106.226
28	Ti-106.228
30	Ti-106.230
32	Ti-106.232
34	Ti-106.234
36	Ti-106.236
38	Ti-106.238
40	Ti-106.240
42	Ti-106.242
44	Ti-106.244
46	Ti-106.246
48	Ti-106.248
50	Ti-106.250
52	Ti-106.252
54	Ti-106.254
56	Ti-106.256
58	Ti-106.258
60	Ti-106.260
62	Ti-106.262
64	Ti-106.264
66	Ti-106.266
68	Ti-106.268
70	Ti-106.270
72	Ti-106.272
74	Ti-106.274
76	Ti-106.276
78	Ti-106.278
80	Ti-106.280

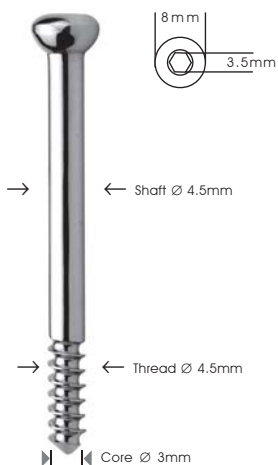
Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm





LARGE FRAGMENTS

...BONE SCREWS



4.5MM SHAFT SCREWS FOR LOW CONTACT DYNAMIC COMPRESSION PLATE

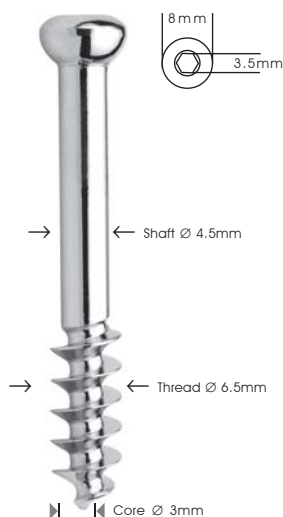
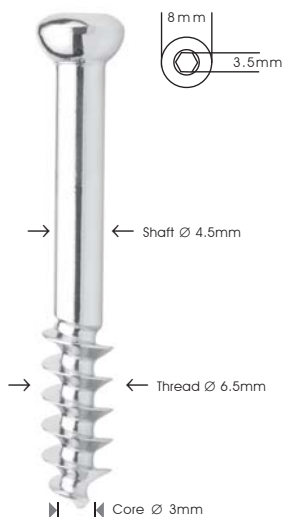
Length in mm.	Code No. S.S.
22	114.022
24	114.024
26	114.026
28	114.028
30	114.030
32	114.032
34	114.034
36	114.036
38	114.038
40	114.040
42	114.042
44	114.044
46	114.046
48	114.048
50	114.050
55	114.055
60	114.060
65	114.065
70	114.070
75	114.075
80	114.080
85	114.085
90	114.090
95	114.095
100	114.100

Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm

Length in mm.	Code No. TITANIUM
22	Ti-114.022
24	Ti-114.024
26	Ti-114.026
28	Ti-114.028
30	Ti-114.030
32	Ti-114.032
34	Ti-114.034
36	Ti-114.036
38	Ti-114.038
40	Ti-114.040
42	Ti-114.042
44	Ti-114.044
46	Ti-114.046
48	Ti-114.048
50	Ti-114.050
55	Ti-114.055
60	Ti-114.060
65	Ti-114.065
70	Ti-114.070
75	Ti-114.075
80	Ti-114.080
85	Ti-114.085
90	Ti-114.090
95	Ti-114.095
100	Ti-114.100

Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm

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6.5MM CANCELLOUS BONE SCREWS, 16MM THREAD

Length in mm.	Code No. S.S.
25	108.025
30	108.030
35	108.035
40	108.040
45	108.045
50	108.050
55	108.055
60	108.060
65	108.065
70	108.070
75	108.075
80	108.080
85	108.085
90	108.090
95	108.095
100	108.100
105	108.105
110	108.110
115	108.115
120	108.120

Drill Bit : 3.2mm
Drill Bit for Shaft: 4.5mm

Length in mm.	Code No. TITANIUM
25	Ti-108.025
30	Ti-108.030
35	Ti-108.035
40	Ti-108.040
45	Ti-108.045
50	Ti-108.050
55	Ti-108.055
60	Ti-108.060
65	Ti-108.065
70	Ti-108.070
75	Ti-108.075
80	Ti-108.080
85	Ti-108.085
90	Ti-108.090
95	Ti-108.095
100	Ti-108.100
105	Ti-108.105
110	Ti-108.110
115	Ti-108.115
120	Ti-108.120

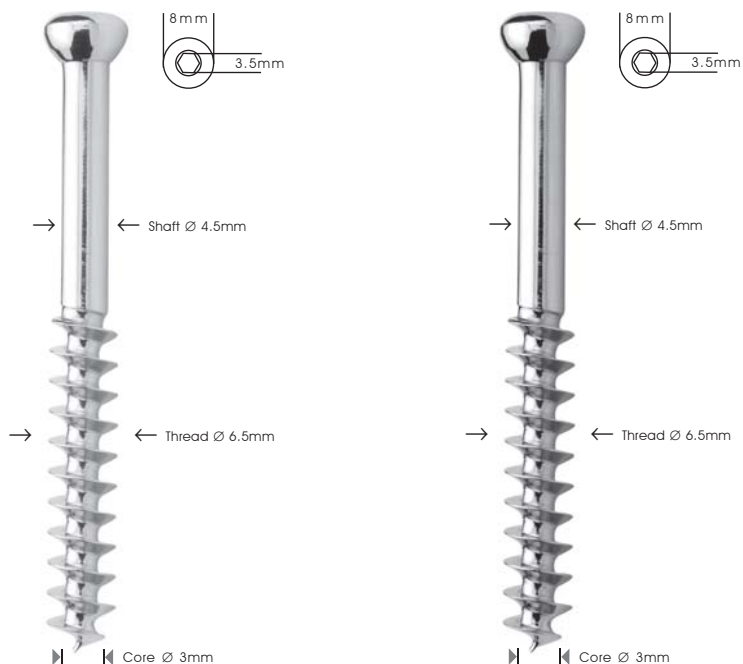
Drill Bit : 3.2mm
Drill Bit for Shaft: 4.5mm





LARGE FRAGMENTS

...BONE SCREWS



6.5MM CANCELLOUS BONE SCREWS, 32MM THREAD

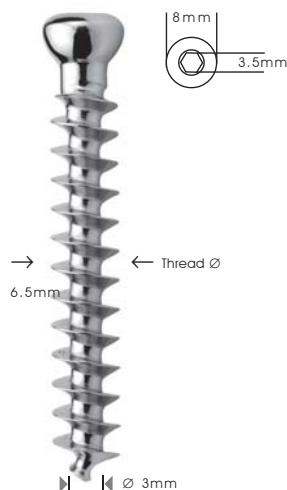
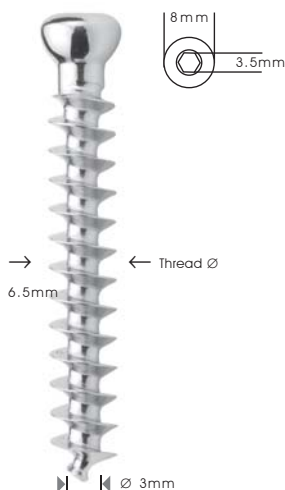
Length in mm.	Code No. S.S.
40	109.040
45	109.045
50	109.050
55	109.055
60	109.060
65	109.065
70	109.070
75	109.075
80	109.080
85	109.085
90	109.090
95	109.095
100	109.100
105	109.105
110	109.110
115	109.115
120	109.120

Drill Bit : 3.2mm
Drill Bit for Shaft: 4.5mm

Length in mm.	Code No. TITANIUM
40	Ti-109.040
45	Ti-109.045
50	Ti-109.050
55	Ti-109.055
60	Ti-109.060
65	Ti-109.065
70	Ti-109.070
75	Ti-109.075
80	Ti-109.080
85	Ti-109.085
90	Ti-109.090
95	Ti-109.095
100	Ti-109.100
105	Ti-109.105
110	Ti-109.110
115	Ti-109.115
120	Ti-109.120

Drill Bit : 3.2mm
Drill Bit for Shaft: 4.5mm

06
30



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6.5MM CANCELLOUS BONE SCREWS, FULLY THREADED

Length in mm.	Code No. S.S.
25	110.025
30	110.030
35	110.035
40	110.040
45	110.045
50	110.050
55	110.055
60	110.060
65	110.065
70	110.070
75	110.075
80	110.080
85	110.085
90	110.090
95	110.095
100	110.100
105	110.105
110	110.110
115	110.115
120	110.120

Drill Bit : 3.2mm

Length in mm.	Code No. TITANIUM
25	Ti-110.025
30	Ti-110.030
35	Ti-110.035
40	Ti-110.040
45	Ti-110.045
50	Ti-110.050
55	Ti-110.055
60	Ti-110.060
65	Ti-110.065
70	Ti-110.070
75	Ti-110.075
80	Ti-110.080
85	Ti-110.085
90	Ti-110.090
95	Ti-110.095
100	Ti-110.100
105	Ti-110.105
110	Ti-110.110
115	Ti-110.115
120	Ti-110.120

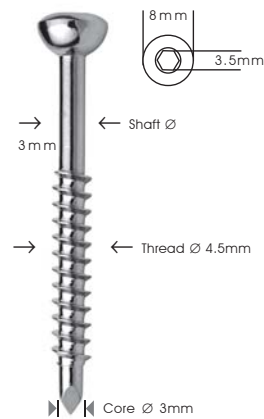
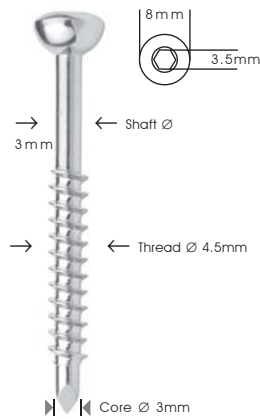
Drill Bit : 3.2mm





LARGE FRAGMENTS

...BONE SCREWS



4.5MM MALLEOLAR SCREWS

06
32

Length in mm.	Code No. S.S.
25	107.025
30	107.030
35	107.035
40	107.040
45	107.045
50	107.050
55	107.055
60	107.060
65	107.065
70	107.070
75	107.075
80	107.080
75	107.075
80	107.080
85	107.085
90	107.090
95	107.095
100	107.100

Drill Bit : 3.2mm

Length in mm.	Code No. TITANIUM
25	Ti-107.025
30	Ti-107.030
35	Ti-107.035
40	Ti-107.040
45	Ti-107.045
50	Ti-107.050
55	Ti-107.055
60	Ti-107.060
65	Ti-107.065
70	Ti-107.070
75	Ti-107.075
80	Ti-107.080
75	Ti-107.075
80	Ti-107.080
85	Ti-107.085
90	Ti-107.090
95	Ti-107.095
100	Ti-107.100

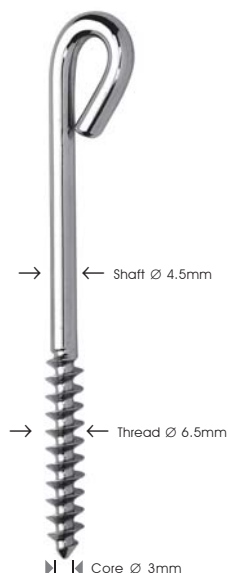
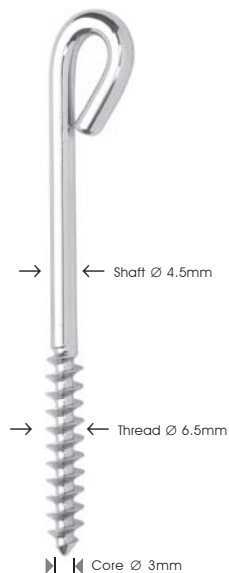
Drill Bit : 3.2mm



Washer for 4.5 to 7.0mm Screws
Stainless Steel
Code No.: 115.020



Washer for 4.5 to 7.0mm Screws
Titanium
Code No.: Ti-115.020



CANCELLOUS TRACTION SCREWS, 6.5MM DIA.

Length in mm.	Code No. S.S.
45	110.245
50	110.250
55	110.255
60	110.260
65	110.265
70	110.270
75	110.275
80	110.280
85	110.285
90	110.290
95	110.295
100	110.300
105	110.305
110	110.310
115	110.315
120	110.320
125	110.325
130	110.330
135	110.335

Thread Length : 32mm

Length in mm.	Code No. TITANIUM
45	Ti-110.245
50	Ti-110.250
55	Ti-110.255
60	Ti-110.260
65	Ti-110.265
70	Ti-110.270
75	Ti-110.275
80	Ti-110.280
85	Ti-110.285
90	Ti-110.290
95	Ti-110.295
100	Ti-110.300
105	Ti-110.305
110	Ti-110.310
115	Ti-110.315
120	Ti-110.320
125	Ti-110.325
130	Ti-110.330
135	Ti-110.335

Thread Length : 32mm





**NARROW DYNAMIC COMPRESSION PLATE
STAINLESS STEEL**



**NARROW DYNAMIC COMPRESSION PLATE
TITANIUM**

06
34

No. of Holes	Length in mm	Code S.S.
4	71	157.104
5	87	157.105
6	103	157.106
7	119	157.107
8	135	157.108
9	151	157.109
10	167	157.110
11	183	157.111
12	199	157.112
13	215	157.113
14	231	157.114
15	247	157.115
16	263	157.116
17	279	157.117
18	295	157.118

Fixation with 4.5 & 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).

No. of Holes	Length in mm	Code Titanium
4	71	Ti-157.104
5	87	Ti-157.105
6	103	Ti-157.106
7	119	Ti-157.107
8	135	Ti-157.108
9	151	Ti-157.109
10	167	Ti-157.110
11	183	Ti-157.111
12	199	Ti-157.112
13	215	Ti-157.113
14	231	Ti-157.114
15	247	Ti-157.115
16	263	Ti-157.116
17	279	Ti-157.117
18	295	Ti-157.118

Fixation with 4.5 & 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).



**NARROW LIMITED CONTACT DYNAMIC COMPRESSION PLATES
STAINLESS STEEL**



**NARROW LIMITED CONTACT DYNAMIC COMPRESSION PLATES
TITANIUM**

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No. of Holes	Length in mm	Code S.S.
4	70	150.104
5	88	150.105
6	106	150.106
7	124	150.107
8	142	150.108
9	160	150.109
10	178	150.110
11	196	150.111
12	214	150.112
13	232	150.113
14	250	150.114
15	268	150.115
16	286	150.116

Fixation with 4.5 & 6.5mm screws.

Undercuts: For reduced vascular damage.

The end holes can be used for cancellous bone screws.

The LC-DCP holes allow compression in both directions of the longitudinal axis.

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

No. of Holes	Length in mm	Code Titanium
4	70	Ti-150.104
5	88	Ti-150.105
6	106	Ti-150.106
7	124	Ti-150.107
8	142	Ti-150.108
9	160	Ti-150.109
10	178	Ti-150.110
11	196	Ti-150.111
12	214	Ti-150.112
13	232	Ti-150.113
14	250	Ti-150.114
15	268	Ti-150.115
16	286	Ti-150.116

Fixation with 4.5 & 6.5mm screws.

Undercuts: For reduced vascular damage.

The end holes can be used for cancellous bone screws.

The LC-DCP holes allow compression in both directions of the longitudinal axis.

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





LARGE FRAGMENTS

...BONE PLATES



**BROAD DYNAMIC COMPRESSION PLATE
STAINLESS STEEL**



**BROAD DYNAMIC COMPRESSION PLATE
TITANIUM**

06
36

No. of Holes	Length in mm	Code S.S.
4	71	158.104
5	87	158.105
6	103	158.106
7	119	158.107
8	135	158.108
9	151	158.109
10	167	158.110
11	183	158.111
12	199	158.112
13	215	158.113
14	231	158.114
15	247	158.115
16	263	158.116
17	279	158.117
18	295	158.118
19	311	158.119
20	327	158.120

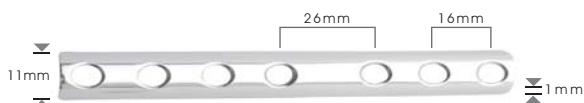
Fixation with 4.5 & 6.5mm screws. All holes are designed as self-compressing holes. All the end holes are designed for cancellous bone screws.

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.

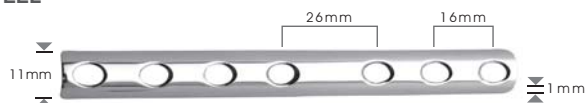
No. of Holes	Length in mm	Code Titanium
4	71	Ti-158.104
5	87	Ti-158.105
6	103	Ti-158.106
7	119	Ti-158.107
8	135	Ti-158.108
9	151	Ti-158.109
10	167	Ti-158.110
11	183	Ti-158.111
12	199	Ti-158.112
13	215	Ti-158.113
14	231	Ti-158.114
15	247	Ti-158.115
16	263	Ti-158.116
17	279	Ti-158.117
18	295	Ti-158.118
19	311	Ti-158.119
20	327	Ti-158.120

Fixation with 4.5 & 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.



**SEMI-TUBULAR PLATES FOR 4.5MM SCREWS
STAINLESS STEEL**



**SEMI-TUBULAR PLATES FOR 4.5MM SCREWS
TITANIUM**

No. of Holes	Length in mm	Code S.S.
4	71	156.104
5	87	156.105
6	103	156.106
7	119	156.107
8	135	156.108
9	151	156.109
10	167	156.110
11	183	156.111
12	199	156.112

Fixation with 4.5 & 6.5mm screws. A compression effect can be achieved by eccentric positioning of the screws remote from the fracture line.

No. of Holes	Length in mm	Code Titanium
4	71	Ti-156.104
5	87	Ti-156.105
6	103	Ti-156.106
7	119	Ti-156.107
8	135	Ti-156.108
9	151	Ti-156.109
10	167	Ti-156.110
11	183	Ti-156.111
12	199	Ti-156.112

Fixation with 4.5 & 6.5mm screws. A compression effect can be achieved by eccentric positioning of the screws remote from the fracture line.

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SPOON PLATE

No. of Holes	Length in mm	Code S.S.
5	100	155.105
6	120	155.106

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

No. of Holes	Length in mm	Code Titanium
5	100	Ti-155.105
6	120	Ti-155.106

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





LARGE FRAGMENTS

...BONE PLATES



**BROAD LIMITED CONTACT DYNAMIC COMPRESSION PLATE
STAINLESS STEEL**



**BROAD LIMITED CONTACT DYNAMIC COMPRESSION PLATE
TITANIUM**

06
38

No. of Holes	Length in mm	Code S.S.
4	70	151.104
5	88	151.105
6	106	151.106
7	124	151.107
8	142	151.108
9	160	151.109
10	178	151.110
11	196	151.111
12	214	151.112
13	232	151.113
14	250	151.114
15	268	151.115
16	286	151.116
17	304	151.117
18	322	151.118
19	340	151.119
20	358	151.120

Fixation with 4.5 & 6.5mm screws.

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

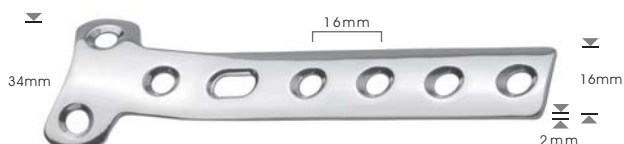
Indication: As a tension band plate on the Femur and for Humeral Pseudarthrosis (not intended for the Tibia).

No. of Holes	Length in mm	Code Titanium
4	70	Ti-151.104
5	88	Ti-151.105
6	106	Ti-151.106
7	124	Ti-151.107
8	142	Ti-151.108
9	160	Ti-151.109
10	178	Ti-151.110
11	196	Ti-151.111
12	214	Ti-151.112
13	232	Ti-151.113
14	250	Ti-151.114
15	268	Ti-151.115
16	286	Ti-151.116
17	304	Ti-151.117
18	322	Ti-151.118
19	340	Ti-151.119
20	358	Ti-151.120

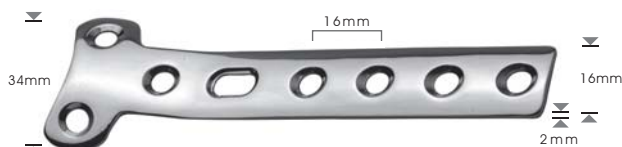
Fixation with 4.5 & 6.5mm screws.

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

Indication: As a tension band plate on the Femur and for Humeral Pseudarthrosis (not intended for the Tibia).



**T-PLATE FOR 4.5MM SCREWS
STAINLESS STEEL**



**T-PLATE FOR 4.5MM SCREWS
TITANIUM**

No. of Holes	Length in mm	Code S.S.
3	68	159.103
4	84	159.104
5	100	159.105
6	116	159.106
7	132	159.107
8	148	159.108
9	164	159.109
10	180	159.110
11	196	159.111
12	212	159.112
13	228	159.113
14	244	159.114

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

No. of Holes	Length in mm	Code Titanium
3	68	Ti-159.103
4	84	Ti-159.104
5	100	Ti-159.105
6	116	Ti-159.106
7	132	Ti-159.107
8	148	Ti-159.108
9	164	Ti-159.109
10	180	Ti-159.110
11	196	Ti-159.111
12	212	Ti-159.112
13	228	Ti-159.113
14	244	Ti-159.114

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





T-BUTTRESS PLATE FOR 4.5MM SCREWS
STAINLESS STEEL



T-BUTTRESS PLATE FOR 4.5MM SCREWS
TITANIUM

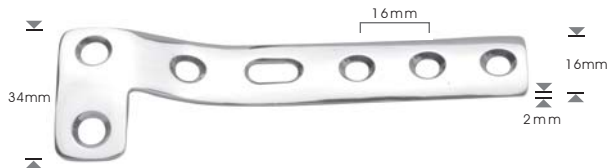
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No. of Holes	Length in mm	Code S.S.
4	81	160.104
5	96	160.105
6	112	160.106
7	128	160.107
8	144	160.108
9	160	160.109
10	176	160.110
11	192	160.111
12	208	160.112
13	224	160.113
14	240	160.114

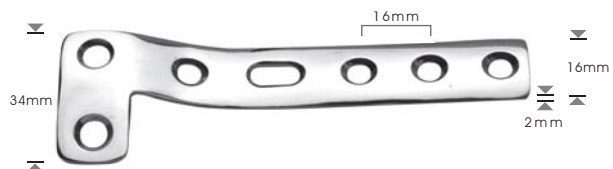
With double bend, as buttress for tibial head fractures. Fixation with 4.5mm & 6.5mm screws.

No. of Holes	Length in mm	Code Titanium
4	81	Ti-160.104
5	96	Ti-160.105
6	112	Ti-160.106
7	128	Ti-160.107
8	144	Ti-160.108
9	160	Ti-160.109
10	176	Ti-160.110
11	192	Ti-160.111
12	208	Ti-160.112
13	224	Ti-160.113
14	240	Ti-160.114

With double bend, as buttress for tibial head fractures. Fixation with 4.5mm & 6.5mm screws.



L-BUTTRESS PLATE 4.5MM FOR RIGHT LEG
STAINLESS STEEL



L-BUTTRESS PLATE 4.5MM FOR RIGHT LEG
TITANIUM

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No. of Holes	Length in mm	Code S.S.
3	69	161.103R
4	85	161.104R
5	101	161.105R
6	117	161.106R
7	133	161.107R
8	149	161.108R
9	165	161.109R
10	181	161.110R
11	197	161.111R
12	213	161.112R
13	229	161.113R
14	245	161.114R

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

No. of Holes	Length in mm	Code Titanium
3	69	Ti-161.103R
4	85	Ti-161.104R
5	101	Ti-161.105R
6	117	Ti-161.106R
7	133	Ti-161.107R
8	149	Ti-161.108R
9	165	Ti-161.109R
10	181	Ti-161.110R
11	197	Ti-161.111R
12	213	Ti-161.112R
13	229	Ti-161.113R
14	245	Ti-161.114R

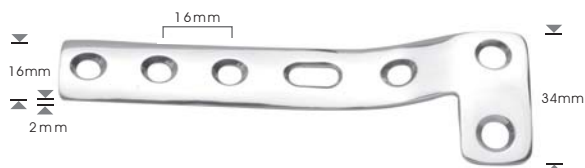
With double bend, as buttress for tibial and humeral head fractures. Left angled for right leg.



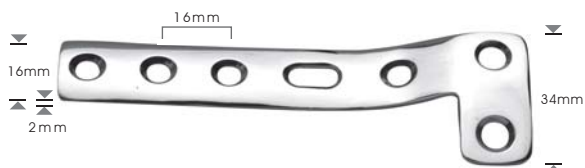


LARGE FRAGMENTS

...BONE PLATES



**L-BUTTRESS PLATE 4.5MM FOR LEFT LEG
STAINLESS STEEL**



**L-BUTTRESS PLATE 4.5MM FOR LEFT LEG
TITANIUM**

No. of Holes	Length in mm	Code S.S.
3	69	161.133L
4	85	161.134L
5	101	161.135L
6	117	161.136L
7	133	161.137L
8	149	161.138L
9	165	161.139L
10	181	161.140L
11	197	161.141L
12	213	161.142L
13	229	161.143L
14	245	161.144L

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

No. of Holes	Length in mm	Code Titanium
3	69	Ti-161.133L
4	85	Ti-161.134L
5	101	Ti-161.135L
6	117	Ti-161.136L
7	133	Ti-161.137L
8	149	Ti-161.138L
9	165	Ti-161.139L
10	181	Ti-161.140L
11	197	Ti-161.141L
12	213	Ti-161.142L
13	229	Ti-161.143L
14	245	Ti-161.144L

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



PROXIMAL LATERAL TIBIAL PLATE

No. of Holes	Stainless Steel	
	Left	Right
3	622.003L	622.003R
5	622.005L	622.005R
7	622.007L	622.007R
9	622.009L	622.009R
11	622.011L	622.011R
13	622.013L	622.013R

Length in mm	Titanium	
	Left	Right
3	Ti-622.003L	Ti-622.003R
5	Ti-622.005L	Ti-622.005R
7	Ti-622.007L	Ti-622.007R
9	Ti-622.009L	Ti-622.009R
11	Ti-622.011L	Ti-622.011R
13	Ti-622.013L	Ti-622.013R



DISTAL TIBIAL PLATE

No. of Holes	Stainless Steel	
	Left	Right
3	623.003L	623.003R
5	623.005L	623.005R
7	623.007L	623.007R
9	623.009L	623.009R
11	623.011L	623.011R
13	623.013L	623.013R

Length in mm	Titanium	
	Left	Right
3	Ti-623.003L	Ti-623.003R
5	Ti-623.005L	Ti-623.005R
7	Ti-623.007L	Ti-623.007R
9	Ti-623.009L	Ti-623.009R
11	Ti-623.011L	Ti-623.011R
13	Ti-623.013L	Ti-623.013R





CONDYLAR BUTTRESS PLATES 4.5MM FOR LEFT LEG
STAINLESS STEEL



CONDYLAR BUTTRESS PLATES 4.5MM FOR LEFT LEG
TITANIUM

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No. of Holes	Code No. S.S.
7	164.007L
9	164.009L
11	164.011L
12	164.012L
13	164.013L
15	164.015L

As buttress for the femoral condyles with multiple fragment fractures.

Length in mm.	Code No. TITANIUM
7	Ti-164.007L
9	Ti-164.009L
11	Ti-164.011L
12	Ti-164.012L
13	Ti-164.013L
15	Ti-164.015L

As buttress for the femoral condyles with multiple fragment fractures.



CONDYLAR BUTTRESS PLATES 4.5MM FOR RIGHT LEG
STAINLESS STEEL



CONDYLAR BUTTRESS PLATES 4.5MM FOR RIGHT LEG
STAINLESS STEEL

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No. of Holes	Code No. S.S.
7	164.107R
9	164.109R
11	164.111R
12	164.112R
13	164.113R
15	164.115R

As buttress for the femoral condyles with multiple fragment fractures.

Length in mm.	Code No. TITANIUM
7	Ti-164.107R
9	Ti-164.109R
11	Ti-164.111R
12	Ti-164.112R
13	Ti-164.113R
15	Ti-164.115R

As buttress for the femoral condyles with multiple fragment fractures.





LARGE FRAGMENTS

...BONE PLATES



**CONDYLAR BUTTRESS PLATES 4.5mm WITH LC UNDER CUTS AND
LOW CONTACT DYNAMIC COMPRESSION PLATE HOLES
FOR LEFT LEG - STAINLESS STEEL**



**CONDYLAR BUTTRESS PLATES 4.5mm WITH LC UNDER CUTS AND
LOW CONTACT DYNAMIC COMPRESSION PLATE HOLES
FOR LEFT LEG - TITANIUM**

No. of Holes	Code No. S.S.
7	164.307L
9	164.309L
11	164.311L
12	164.312L
13	164.313L
15	164.315L

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.

No. of Holes	Code No. TITANIUM
7	Ti-164.307L
9	Ti-164.309L
11	Ti-164.311L
12	Ti-164.312L
13	Ti-164.313L
15	Ti-164.315L

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.



**CONDYLAR BUTTRESS PLATES 4.5mm WITH LC UNDER CUTS
AND LOW CONTACT DYNAMIC COMPRESSION PLATE HOLES
FOR RIGHT LEG - STAINLESS STEEL**



**CONDYLAR BUTTRESS PLATES 4.5mm WITH LC UNDER CUTS
AND LOW CONTACT DYNAMIC COMPRESSION PLATE HOLES
FOR RIGHT LEG - TITANIUM**

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No. of Holes	Code No. S.S.
7	164.407R
9	164.409R
11	164.411R
12	164.412R
13	164.413R
15	164.415R

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.

No. of Holes	Code No. TITANIUM
7	Ti-164.407R
9	Ti-164.409R
11	Ti-164.411R
12	Ti-164.412R
13	Ti-164.413R
15	Ti-164.415R

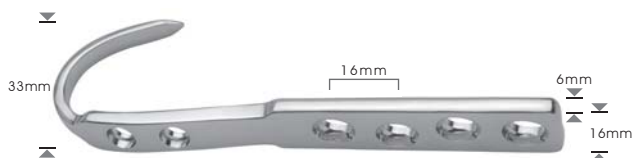
With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.



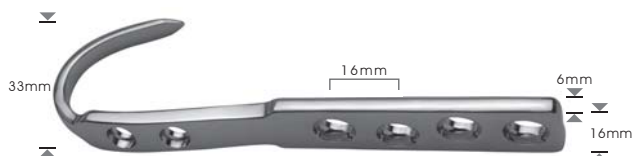


LARGE FRAGMENTS

...BONE PLATES



**HOOK PLATE 4.5MM WITH DYNAMIC COMPRESSION PLATE
6 HOLES - STAINLESS STEEL**



**HOOK PLATE 4.5MM WITH DYNAMIC COMPRESSION PLATE
6 HOLES - TITANIUM**

No. of Holes	Length in mm	Code S.S.
6	128	194.000

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

No. of Holes	Length in mm	Code Titanium
6	128	Ti-194.000

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



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No. of Holes	Length in mm	Code S.S.
8	170	193.008
9	186	193.009
10	202	193.010
11	218	193.011
12	234	193.012
13	250	193.013
14	266	193.014

Shaft with DCP dynamic compression holes.

In the two shaft holes next to the head, two 4.5mm Cortex screws, length 68mm, are normally used.

No. of Holes	Length in mm	Code Titanium
8	170	Ti-193.008
9	186	Ti-193.009
10	202	Ti-193.010
11	218	Ti-193.011
12	234	Ti-193.012
13	250	Ti-193.013
14	266	Ti-193.014

Shaft with DCP dynamic compression holes.

In the two shaft holes next to the head, two 4.5mm Cortex screws, length 68mm, are normally used.





LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5
FOR RIGHT LEG - STAINLESS STEEL



LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5
FOR RIGHT LEG - TITANIUM

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No. of Holes	Length in mm	Code S.S.
5	117	165.005R
7	149	165.007R
9	181	165.009R
11	213	165.011R
13	245	165.013R

Left angled for right leg.

No. of Holes	Length in mm	Code Titanium
5	117	Ti-165.005R
7	149	Ti-165.007R
9	181	Ti-165.009R
11	213	Ti-165.011R
13	245	Ti-165.013R

Left angled for right leg.



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5
FOR LEFT LEG - STAINLESS STEEL**



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5
FOR LEFT LEG - TITANIUM**

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No. of Holes	Length in mm	Code S.S.
5	117	165.105L
7	149	165.107L
9	181	165.109L
11	213	165.111L
13	245	165.113L

Right angled for left leg.

No. of Holes	Length in mm	Code Titanium
5	117	Ti-165.105L
7	149	Ti-165.107L
9	181	Ti-165.109L
11	213	Ti-165.111L
13	245	Ti-165.113L

Right angled for left leg.





**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5 MM
WITH LC UNDER CUTS WITH LOW CONTACT DYNAMIC COMPRESSION HOLES
FOR RIGHT LEG - STAINLESS STEEL**



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5 MM
WITH LC UNDER CUTS WITH LOW CONTACT DYNAMIC COMPRESSION HOLES
FOR RIGHT LEG - TITANIUM**

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No. of Holes	Code No. S.S.
5	165.405R
7	165.407R
9	165.409R
11	165.411R
13	165.413R

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.

No. of Holes	Code No. TITANIUM
5	Ti-165.405R
7	Ti-165.407R
9	Ti-165.409R
11	Ti-165.411R
13	Ti-165.413R

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5 MM
WITH LC UNDER CUTS WITH LOW CONTACT DYNAMIC COMPRESSION HOLES
FOR LEFT LEG - STAINLESS STEEL**



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5 MM
WITH LC UNDER CUTS WITH LOW CONTACT DYNAMIC COMPRESSION HOLES
FOR LEFT LEG - TITANIUM**

No. of Holes	Code No. S.S.
5	165.305L
7	165.307L
9	165.309L
11	165.311L
13	165.313L

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.

No. of Holes	Code No. TITANIUM
5	Ti-165.305L
7	Ti-165.307L
9	Ti-165.309L
11	Ti-165.311L
13	Ti-165.313L

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.





LARGE FRAGMENTS

...BONE PLATES



**4.5 MM RECONSTRUCTION PLATES STRAIGHT
STAINLESS STEEL**



**4.5 MM RECONSTRUCTION PLATES STRAIGHT
STAINLESS STEEL**

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No. of Holes	Length in mm	Code S.S.
3	45	149.103
4	61	149.104
5	77	149.105
6	93	149.106
7	109	149.107
8	125	149.108
9	141	149.109
10	157	149.110
11	173	149.111
12	189	149.112
13	205	149.113
14	221	149.114
15	237	149.115
16	253	149.116
17	269	149.117
18	285	149.118
20	317	149.120
22	349	149.122

Do Not Bend more than 15°.

No. of Holes	Length in mm	Code Titanium
3	45	Ti-149.103
4	61	Ti-149.104
5	77	Ti-149.105
6	93	Ti-149.106
7	109	Ti-149.107
8	125	Ti-149.108
9	141	Ti-149.109
10	157	Ti-149.110
11	173	Ti-149.111
12	189	Ti-149.112
13	205	Ti-149.113
14	221	Ti-149.114
15	237	Ti-149.115
16	253	Ti-149.116
17	269	Ti-149.117
18	285	Ti-149.118
20	317	Ti-149.120
22	349	Ti-149.122

Do Not Bend more than 15°.



**DRILL BIT - S.S.
QUICK COUPLING END**

Code No.	Dia. mm	Length mm
260.320	3.2	130
260.450	4.5	130

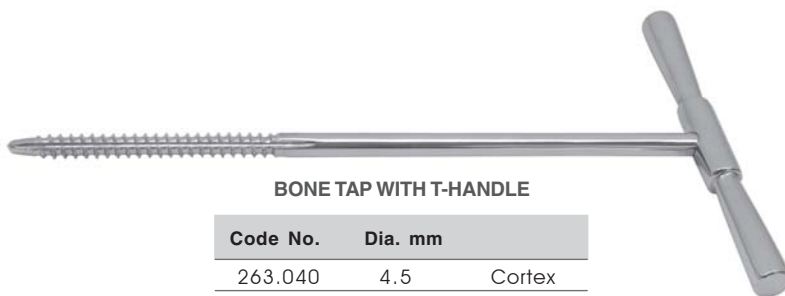
Other sizes are available under *General Instruments*.



**DRILL BIT - PLAIN SHANK /
JACOB CHUCK END**

Code No.	Dia. mm	Length mm
261.632	3.2	130
261.645	4.5	130

Other sizes are available under *General Instruments*.



BONE TAP WITH T-HANDLE

Code No.	Dia. mm	
263.040	4.5	Cortex
263.045	4.5	Extra Long
263.050	6.5	Cancellous

Other sizes are available under *General Instruments*.

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BONE TAP - QUICK COUPLING END

Code No.	Dia. mm	
264.040	4.5	Cortex
264.045	4.5	Extra Long
264.050	6.5	Cancellous

Other sizes are available under *General Instruments*.



**Hollow Mill
for removal of Screws, Large**
Code No.: 310.030



Hollow Mill for Removal of Drill Bits
Code No.: 310.010





LARGE FRAGMENTS

...INSTRUMENTATION



**Counter Sink for 4.5 & 6.5mm Screws
(8.0mm Head)**
Code No.: 305.030



**Counter Sink Quick Coupling
for 4.5 & 6.5mm Screws
(8.0mm Head)**
Code No.: 305.060



Quick Coupling Handle (T-Type)
Code No.: 306.010



Quick Coupling Adaptor with Jacob End
Code No.: 306.030



Lane Screw Driver
Code No.: 301.010



Quick Coupling Fibre Handle with Rotation
Code No.: 306.020



**Hexagonal Screw Driver
with Sleeve, 3.5mm Tip (Excel)**
Code No.: 301.031



Hexagonal Screw Driver 3.5mm Tip
Code No.: 301.050



Plate Bending Press
Code No.: 302.070



Large Plate Bender - Pair
Code No.: 302.020



Large Depth Gauge
Code No.: 303.020

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Screw Driver Shaft, Q.C. End - 3.5mm Tip
Code No.: 301.070



Insert Drill Sleeve 4.5/3.2mm
Code No.: 307.095



Drill Sleeve 3.5mm
Code No.: 307.040



Drill Sleeve 3.2mm
Code No.: 307.030



Drill Sleeve 4.5mm
Code No.: 307.050



Large Neutral & Loaded Drill Guide
Code No.: 304.020



Tap Sleeve 4.5mm
Code No.: 307.045



Tap Sleeve 6.5mm
Code No.: 307.046



Drill & Tap Sleeve Combined 3.2/6.5mm
Code No.: 307.080



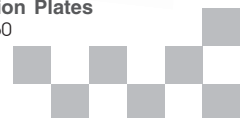
Drill & Tap Sleeve Combined 3.2/4.5mm
Code No.: 307.070



Plate Bending Pliers (Roller Type)
Code No.: 302.030



**Plate Bender
for 4.5mm Reconstruction Plates**
Code No.: 302.060





LARGE FRAGMENTS

...INSTRUMENTATION & IMPLANTS SET



Screw Holding Forceps
Code No.: 309.000



Sharp Hook
Code No.: 371.000



Pointed Drill Guide
Code No.: 308.000



AS013

SCREW SET - LARGE, S.S.

Set Consisting of:

Units

4.5mm Cortex Screw	
7 each of 14, 16, 18, 20, 22, 24mm	42
14 each of 26, 28mm	28
12 each of 30, 32, 34, 36, 38mm	60
6 each of 40, 42, 44, 46, 48, 50mm	36
6.5mm Cancellous Bone Screw/16mm	
2 each of 25, 30, 35, 40, 45, 50, 55, 60mm	16
3 each of 65, 70, 75, 80, 85, 90, 95mm	21
2 each of 100, 105, 110mm	6
6.5mm Cancellous Bone Screw/32mm	
4 each of 25, 30, 35, 40, 45, 50, 55, 60mm	32
2 each of 65, 70, 75, 80, 85, 90mm	12
Malleolar Screw 4.5mm	
2 each of 25, 30, 35, 40, 45, 50, 55, 60mm	16
Large Washers	12
Screw Holding Forceps	1
S.S.Container (900.033)1 set	


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AS014 PLATE SET, S.S.*Set Consisting of:*

	Units
<i>Semi-Tubular Plate</i>	4
1 each with 4, 5, 6, 7 Holes	
<i>Narrow DCP - 4.5</i>	12
2 each with 5, 6, 7, 8, 9, 10 Holes	
<i>Broad DCP - 4.5</i>	12
2 each with 6, 7, 8 Holes	
1 each with 9, 10, 11, 12, 14, 16 Holes	
<i>T-Plate</i>	5
1 each with 4, 5, 6, 7, 8 Holes in Shaft	
<i>T-Buttress Plate</i>	5
1 each with 4, 5, 6, 7, 8 Holes in Shaft	
<i>L-Buttress Plate - Left Angled Shaft with 4 Holes</i>	1
<i>L-Buttress Plate - Right Angled Shaft with 4 Holes</i>	1
<i>S.S.Container (900.042)</i>	1 set





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AS010A BASIC INSTRUMENT SET, S.S.

Set Consisting of:

		<i>Units</i>
260.320	Drill Bit (Quick Coupling), 3.2mm x 130mm	1
260.450	Drill Bit (Quick Coupling), 4.5mm x 130mm	1
305.030	Counter Sink for 4.5 & 6.5mm Screws (8.0mm Head)	1
306.010	Quick Coupling Handle (T-Type)	1
264.040	Bone Tap with Quick Coupling for 4.5mm Cortex Screws, L:130mm	1
264.050	Bone Tap with Quick Coupling for 6.5mm Cancellous Screws	1
307.095	Insert Drill Sleeve 4.5/3.2mm	1
307.070	Drill & Tap Sleeve combined 3.2/4.5mm	1
307.080	Drill & Tap Sleeve combined 3.2/6.5mm	1
301.070	Large Hexagonal Screw Driver Shaft	1
301.050	Large Hexagonal Screw Driver	1
303.020	Depth Gauge for 4.5mm & 6.5mm Screws	1
371.000	Sharp Hook	1
304.020	Large Neutral & Loaded Drill Guide	1
308.000	Pointed Drill Guide	1
302.020	Large Plate Bender (pair)	1
900.048	S.S.Container	1