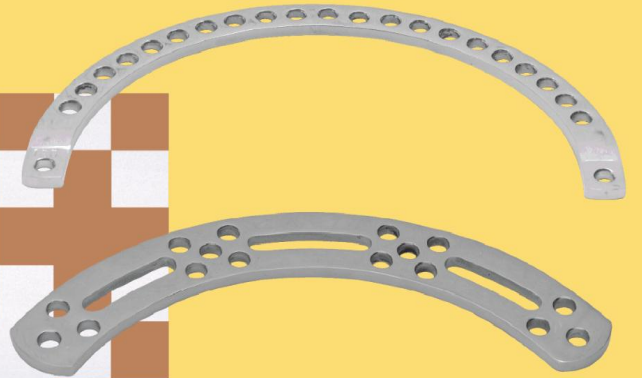


□ EXTERNAL FIXATOR



□ EXTERNAL FIXATOR FOR FOREARM & METACARPALS, S.S.



SMALL CLAMP

Code No.	Size
213.001	4.0 x 2.5mm
213.002	4.0 x 4.0mm

YouTube www.TV.ortho.in/8837



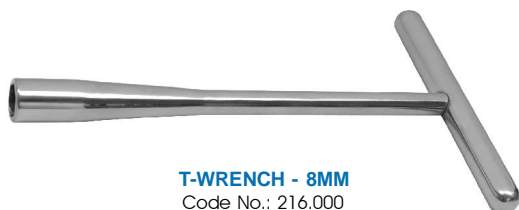
SMALL CLAMP - DELUXE

Code No.	Size
213.003	4.0 x 2.5mm
213.004	4.0 x 4.0mm



SMALL OPEN CLAMP - DELUXE

Code No.	Size
213.005	4.0 x 2.5mm
213.006	4.0 x 4.0mm



T-WRENCH - 8MM

Code No.: 216.000

YouTube www.TV.ortho.in/5196



SMALL COMPRESSION DISTRACTION DEVICE

Code No.: 217.000



SPANNER - 8MM

Code No.: 215.000



DOUBLE SLEEVE - 2.5/4.0MM

Code No.: 218.000



CONNECTING ROD - 4.0MM, S.S.

Code No.	Length mm
214.003	100
214.004	150
214.005	200
214.006	250
214.007	300

YouTube www.TV.ortho.in/25033



FRONT THREADED PIN, S.S.

Code No.	Dia. mm	Length mm
220.010	1.5	75
220.020	2.0	75
220.030	2.5	100



FRONT THREADED PIN, S.S.

Code No.	Description
220.040	Dia 3.5mm, Shaft 4.0mm, Length 125mm
220.041	Thread Length - 14mm Thread Length - 20 mm
220.050	Dia 3.5mm, Shaft 4.5mm, Length 125mm
220.051	Thread Length - 18mm Thread Length - 22mm
220.060	Cancellous Front Threaded Pin Dia 3.5mm, Shaft 4.0mm, Length 125mm

□ TUBULAR EXTERNAL FIXATOR, S.S.

Code No.	Description
210.302	Single Pin Clamp - Excel, SS
210.002	Single Pin Clamp (Deluxe), SS
210.003a	Double Pin Clamp (Deluxe), SS
210.004	Open Single Pin Clamp, SS
210.005	Connecting Clamp, SS
210.007	Twin Adjustable Clamp - Straight, SS
210.008	Twin Adjustable Clamp - Curved, SS
210.009	Transverse Clamp, SS
210.010	Tube to Tube Clamp, SS
210.011	Semi Circular Tubular Rod - Small, SS
210.012	Semi Circular Tubular Rod - Large, SS
210.030	Compression Distraction Device, SS
210.031	Shanz Pin Introducer, SS
210.032	Connecting Rod 5.0mm, SS
210.033	Spanner - 11mm, SS
210.034	T-Wrench - 11mm, SS
210.035	Box Spanner - 11mm, SS
210.036	Triple Trocar Set with Handle, SS
210.037	Triple Trocar Set - Extra Long, SS
210.038	Sleeve with Handle for 6.5mm Cancellous Shanz Pin, SS
210.050	Tubular Rod : 100mm (4"), SS
210.051	Tubular Rod : 150mm (6"), SS
210.052	Tubular Rod : 200mm (8"), SS
210.053	Tubular Rod : 250mm (10"), SS
210.054	Tubular Rod : 300mm (12"), SS
210.055	Tubular Rod : 350mm (14"), SS
210.056	Tubular Rod : 400mm (16"), SS
210.057	Tubular Rod : 450mm (18"), SS
210.058	Tubular Rod : 500mm (20"), SS



**SINGLE PIN CLAMP
EXCEL**

Code No.: 210.302



**SINGLE PIN CLAMP
(DELUXE)**

Code No.: 210.002



**TWIN ADJUSTABLE CLAMP
STRAIGHT**

Code No.: 210.007



**TWIN ADJUSTABLE CLAMP
CURVED**

Code No.: 210.008



**DOUBLE PIN CLAMP
(DELUXE)**

Code No.: 210.003a



TRANSVERSE CLAMP

Code No.: 210.009



TUBE TO TUBE CLAMP

Code No.: 210.010



CONNECTING CLAMP

Code No.: 210.005



OPEN SINGLE PIN CLAMP

Code No.: 210.004



COMPRESSION DISTRACTION DEVICE
Code No.: 210.030



SHANZ PIN INTRODUCER
Code No.: 210.031
[YouTube www.TV.ortho.in/10069](https://www.youtube.com/watch?v=www.TV.ortho.in/10069)



CONNECTING ROD 5.0MM
Code No.: 210.032



**TRIPLE TROCAR SET WITH HANDLE
EXTRA LONG**
Code No.: 210.037



TRIPLE TROCAR SET WITH HANDLE
Code No.: 210.036
[YouTube www.TV.ortho.in/10074](https://www.youtube.com/watch?v=www.TV.ortho.in/10074)



**TUBULAR ROD - 11MM
STAINLESS STEEL**

Code No.	Description
210.050	Tubular Rod : 100mm (4")
210.051	Tubular Rod : 150mm (6")
210.052	Tubular Rod : 200mm (8")
210.053	Tubular Rod : 250mm (10")
210.054	Tubular Rod : 300mm (12")
210.055	Tubular Rod : 350mm (14")
210.056	Tubular Rod : 400mm (16")
210.057	Tubular Rod : 450mm (18")
210.058	Tubular Rod : 500mm (20")

**TUBULAR ROD - 11MM
CARBON FIBRE**

Code No.	Description
210.050c	Tubular Rod : 100mm (4")
210.051c	Tubular Rod : 150mm (6")
210.052c	Tubular Rod : 200mm (8")
210.053c	Tubular Rod : 250mm (10")
210.054c	Tubular Rod : 300mm (12")
210.055c	Tubular Rod : 350mm (14")
210.056c	Tubular Rod : 400mm (16")
210.057c	Tubular Rod : 450mm (18")
210.058c	Tubular Rod : 500mm (20")



FRONT THREADED PIN (SHANZ SCREWS), SS

Codes Standard	Dia. mm	Length mm	Thread mm	Codes Self Drilling
211.001	4.0	125	18	211.101
211.002	4.0	175	25	211.102
211.005	4.5	150	18	211.105
211.006	4.5	150	25	211.106
211.007	4.5	175	18	211.107
211.008	4.5	175	25	211.108
211.009	4.5	175	32	211.109
211.010	4.5	175	40	211.110
211.011	4.5	200	25	211.111
211.012	4.5	200	32	211.112
211.013	4.5	200	40	211.113
211.014	4.5	225	25	211.114
211.015	4.5	225	32	211.115
211.016	4.5	225	40	211.116
211.025	5.0	150	18	211.125
211.026	5.0	150	25	211.126
211.027	5.0	175	18	211.127
211.028	5.0	175	25	211.128
211.029	5.0	175	32	211.129
211.030	5.0	175	40	211.130
211.031	5.0	200	25	211.131
211.032	5.0	200	32	211.132
211.033	5.0	200	40	211.133
211.034	5.0	225	25	211.134
211.035	5.0	225	32	211.135
211.036	5.0	225	40	211.136
211.037	6.0	225	32	211.137
211.038	6.0	225	40	211.138



Note: Also available in HA coating.



CANCELLOUS FRONT THREADED PIN - 6.5MM, SS

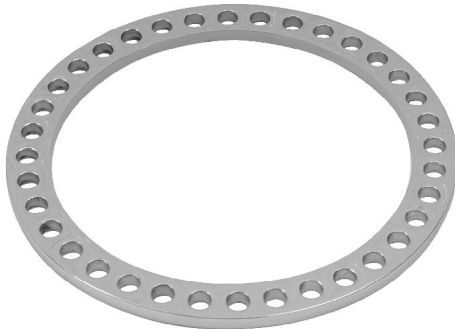
Code No.	Thread Length in mm	Total Length in mm
212.016	16	225
212.032	32	225
212.050	50	225

Note: Also available in HA coating.



SPANNER - 11MM, SS

Code No.: 210.033



**ILIZAROV - FULL RING
STAINLESS STEEL**

Code No.	Size mm
229.008	80
229.010	100
229.012	120
229.014	140
229.016	160
229.018	180
229.020	200
229.022	220
229.024	240



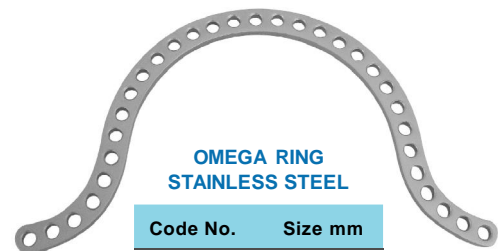
**ILIZAROV - 1/2 RING
STAINLESS STEEL**

Code No.	Size mm
230.008	80
230.010	100
230.012	120
230.014	140
230.016	160
230.018	180
230.020	200
230.022	220
230.024	240
230.026	260



**ILIZAROV - 5/8 RING
STAINLESS STEEL**

Code No.	Size mm
231.010	100
231.012	120
231.014	140
231.016	160
231.018	180
231.020	200
231.022	220
231.024	240
231.026	260



**OMEGA RING
STAINLESS STEEL**

Code No.	Size mm
231.212	120
231.214	140
231.216	160
231.218	180
231.220	200

YouTube www.TV.ortho.in/25044



THREADED ROD, SS

Code No.	Length mm
237.002	75
237.004	100
237.006	125
237.008	150
237.010	200
237.012	250
237.014	300
237.016	350
237.018	400
237.020	450

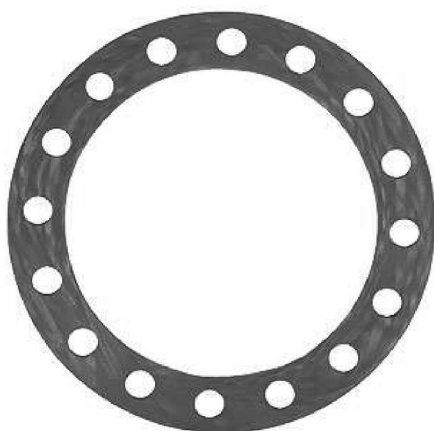


THREADED ROD - SLOTTED, SS

Code No.	Length mm
238.002	75
238.004	100
238.006	125
238.008	150

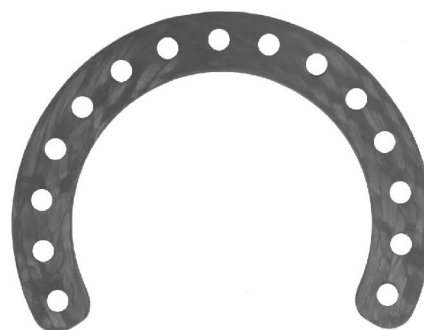
**CARBON FIBRE CONNECTING PLATE,
WIDTH 18MM, THICKNESS 7MM**

No. of Holes	Codes
2	244.102
3	244.103
4	244.104
5	244.105
6	244.106
11	244.111
16	244.116
20	244.120



CARBON FIBRE FULL RING

ID in mm	OD in mm	No. of Holes	Full Ring
80	120	18	360.80-120
100	140	22	360.100-140
110	150	24	360.110-150
120	160	26	360.120-160
130	170	28	360.130-170
140	180	30	360.140-180
150	190	32	360.150-190
160	200	34	360.160-200
180	220	38	360.180-220
200	240	40	360.200-240
220	260	44	360.220-260



CARBON FIBRE 3/4 RING

ID in mm	OD in mm	No. of Holes	3/4 Ring
80	120	14	34.80-120
100	140	17	34.100-140
110	150	19	34.110-150
120	160	20	34.120-160
130	170	21	34.130-170
140	180	23	34.140-180
150	190	24	34.150-190
160	200	26	34.160-200
180	220	29	34.180-220
200	240	30	34.200-240
220	260	33	34.220-260



CARBON FIBRE 5/8 RING

ID in mm	OD in mm	No. of Holes	5/8 Ring
80	120	12	58.80-120
100	140	14	58.100-140
110	150	15	58.110-150
120	160	16	58.120-160
130	170	18	58.130-170
140	180	19	58.140-180
150	190	20	58.150-190
160	200	21	58.160-200
180	220	24	58.180-220
200	240	25	58.200-240
220	260	28	58.220-260



CARBON FIBRE 3/8 RING

ID in mm	OD in mm	No. of Holes	3/8 Ring
80	120	7	38.80-120
100	140	9	38.100-140
110	150	10	38.110-150
120	160	11	38.120-160
130	170	11	38.130-170
140	180	12	38.140-180
150	190	13	38.150-190
160	200	14	38.160-200
180	220	15	38.180-220
200	240	16	38.200-240
220	260	17	38.220-260



CARBON FIBRE 1/2 RING

ID in mm	OD in mm	No. of Holes	Half Ring
80	120	9	180.80-120
100	140	11	180.100-140
110	150	11	180.110-150
120	160	13	180.120-160
130	170	13	180.130-170
140	180	15	180.140-180
150	190	15	180.150-190
160	200	17	180.160-200
180	220	19	180.180-220
200	240	21	180.200-240
220	260	23	180.220-260
240	280	25	180.240-280
260	300	27	180.260-300

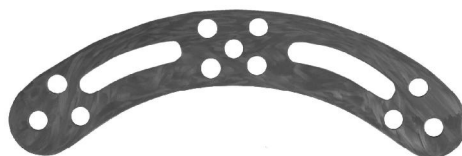
CARBON FIBRE 1/2 RING (PEDIATRIC)

ID in mm	OD in mm	No. of Holes	Half Ring
80	112	13	P180.80-112
90	122	14	P180.90-122
100	132	17	P180.100-132
120	152	19	P180.120-152



CARBON FIBRE 1/4 RING

ID in mm	OD in mm	No. of Holes	1/4 Ring
80	120	5	14.80.120
100	140	6	14.100-140
110	150	6	14.110-150
120	160	7	14.120-160
130	170	8	14.130-170
140	180	8	14.140-180
150	190	9	14.150-190
160	200	9	14.160-200
180	220	10	14.180-220
200	240	11	14.200-240
220	260	12	14.220-260



**CARBON FIBRE
ITALIAN FEMORAL ARCHE 90°**

Code No.	ID in mm	OD in mm
90.120-25	120	170
90.140-25	140	190
90.160-25	160	210
90.180-25	180	230
90.200-25	200	250

**CARBON FIBRE
ITALIAN FEMORAL ARCHE 120°**

Code No.	ID in mm	OD in mm
120.120-25	120	170
120.140-25	140	190
120.160-25	160	210
120.180-25	180	230
120.200-25	200	250



**STAINLESS STEEL
ITALIAN FEMORAL ARCHE 90°**

Size in mm	Codes
100	232.010
120	232.012
140	232.014
160	232.016
180	232.018
200	232.020
220	232.022
240	232.024
260	232.026

YouTube www.TV.ortho.in/25047

**STAINLESS STEEL
ITALIAN FEMORAL ARCHE 120°**

Size in mm	Codes
100	233.010
120	233.012
140	233.014
160	233.016
180	233.018
200	233.020
220	233.022
240	233.024
260	233.026

YouTube www.TV.ortho.in/25048



CARBON ROD

Length in mm	Diameter / Codes							
	4 mm	6.3 mm	8 mm	9.5 mm	11 mm	1/8 inch	3/16 inch	5/16 inch
50		CR.63-50						
75						CR.18-75		
80	CR.4-80							
100	CR.4-100	CR.63-100	CR.8-100	CR.95-100	CR.11-100	CR.18-100	CR.31-100	CR.51-100
125	CR.4-125							
150	CR.4-150	CR.63-150	CR.8-150	CR.95-150	CR.11-150	CR.18-150	CR.31-150	CR.51-150
160	CR.4-160							
175	CR.4-175							
200	CR.4-200	CR.63-200	CR.8-200	CR.95-200	CR.11-200		CR.31-200	CR.51-200
250	CR.4-250	CR.63-250	CR.8-250	CR.95-250	CR.11-250		CR.31-250	CR.51-250
300			CR.8-300	CR.95-300	CR.11-300			
350			CR.8-350	CR.95-350	CR.11-350			
400			CR.8-400	CR.95-400	CR.11-400			
450					CR.11-450			
500					CR.11-500			



**GRADUATED
TELESCOPIC ROD - SS**

Code No.	Length mm
240.310	100
240.320	150



TELESCOPIC ROD - SS

Code No.	Length mm
239.010	100
239.015	150
239.020	200
239.025	250
239.030	300



SHORT CONNECTION PLATE - SS

Code No.	No. of Holes
244.002	2
244.003	3
244.004	4
244.005	5
244.006	6
244.007	7
244.008	8
244.009	9
244.010	10



**CONNECTION PLATE
WITH THREADED END - SS**

Code No.	No. of Holes
245.005	5
245.007	7
245.009	9
245.011	11



TWISTED PLATE - SS

Code No.	No. of Holes
246.002	2
246.003	3
246.004	4



CURVED PLATE - SS

Code No.	No. of Holes
246.103	3
246.104	4
246.105	5
246.106	6



POST FEMALE, SS

Code No.	No. of Holes
241.002	2
241.003	3
241.004	4



POST MALE, SS

Code No.	No. of Holes
242.002	2
242.003	3
242.004	4



HINGE - MALE, SS
Code No.: 243.020

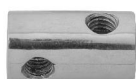


HINGE - 90°
Code No.: 243.030



THREADED SOCKET, SS

Code No.	Length mm
247.002	20
247.003	30
247.004	40
247.006	60



BUSHING, SS
Code No.: 246.210



HINGE - FEMALE, SS
Code No.: 243.010



ILIZAROV WIRE BAYONET POINT - SS

Code No.	Dia. mm	Length mm
248.010	1.5	400
248.012	1.8	400



ILIZAROV WIRE TROCAR POINT - SS

Code No.	Dia. mm	Length mm
248.014	1.5	400
248.016	1.8	400



OLIVE WIRE BAYONET POINT - SS

Code No.	Dia. mm	Length mm
248.018	1.5	400
248.020	1.8	400



OLIVE WIRE TROCAR POINT - SS

Code No.	Dia. mm	Length mm
248.018a	1.5	400
248.020a	1.8	400

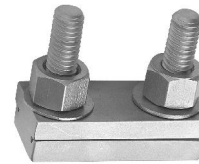
Code No.	Description
234.000	Multi-pin Fixation Clamp, SS
235.000	Shanz Pin Fixation Bolt, SS
235.101	Single Pin Fixation Bolt With Washer - Deluxe, SS
236.000	Oblique Support with Thread, SS
236.010	Oblique Support without Thread, SS
248.010	Ilizarov Wire 1.5mm x 400mm Bayonet Point, SS
248.012	Ilizarov Wire 1.8mm x 400mm Bayonet Point, SS
248.014	Ilizarov Wire 1.5mm x 400mm Trocar Point, SS
248.016	Ilizarov Wire 1.8mm x 400mm Trocar Point, SS
248.018	Olive Wire - 1.5mm x 400mm Bayonet Point, SS
248.020	Olive Wire - 1.8mm x 400mm Bayonet Point, SS
248.018a	Olive Wire - 1.5mm x 400mm Trocar Point, SS
248.020a	Olive Wire - 1.8mm x 400mm Trocar Point, SS
249.101	Wire Fixation Bolt - Cannulated, SS
249.102	Wire Fixation Bolt - Slotted, SS
249.103	Cannulated Bolt with Female Thread in Head, SS
249.104	Wire Buckle, SS
249.105	Conical Washer - Couple, SS
249.106	Connection Bolt, SS
249.107	Nut-10mm, SS
249.108	Square Nut, SS
249.109	Nylon Insert Nut, SS
249.110	Flat Sided Washer, SS
249.111	Slotted Washer, SS
249.112	Spacing Washer, SS
249.113	Repopix Device, SS
249.114	Wrenchocube One Hole, SS
249.115	Wrenchocube Two Hole, SS
249.116	Wrenchocube Three Hole, SS
249.117	Wrenchocube Four Hole, SS
249.118	Hinge Joint, SS
250.201	Spanner - 10mm, SS
250.202c	Angulated Wrench-10mm-Cannulated, SS
250.202s	Angulated Wrench-10mm-Slotted Bolt, SS
250.203	Box Spanner - 10mm, SS
251.305	Corticotome - 5mm, SS
251.307	Corticotome - 7mm, SS
251.310	Corticotome - 10mm, SS
251.315	Corticotome - 15mm, SS
252.401	Mechanical Wire Tensioner, SS
252.402	Wire Tensioner - Dynamometer, SS
252.410	Washer Hanger, SS



OBLIQUE SUPPORT WITHOUT THREAD
Code No.: 236.010



OBLIQUE SUPPORT WITH THREAD
Code No.: 236.000



WIRE BUCKLE
Code No.: 249.104



CONNECTION BOLT
Code No.: 249.106

YouTube www.TV.ortho.in/3910



**SHANZ PIN
FIXATION BOLT**
Code No.: 235.000



**SINGLE PIN FIXATION BOLT
WITH WASHER - DELUXE**
Code No.: 235.101



**WIRE FIXATION BOLT
CANNULATED**
Code No.: 249.101



**WIRE FIXATION BOLT
SLOTTED**
Code No.: 249.102



NUT - 10MM
Code No.: 249.107



SQUARE NUT
Code No.: 249.108



NYLON INSERT NUT
Code No.: 249.109



**CONICAL WASHER
COUPLE**
Code No.: 249.105



**FLAT SIDED
WASHER**
Code No.: 249.110



**SLOTTED
WASHER**
Code No.: 249.111



**SPACING
WASHER**
Code No.: 249.112



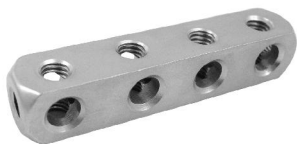
**WRENCHOCUBE
ONE HOLE**
Code No.: 249.114



**WRENCHOCUBE
TWO HOLE**
Code No.: 249.115
[YouTube www.TV.ortho.in/8865](https://www.youtube.com/watch?v=www.TV.ortho.in/8865)



**WRENCHOCUBE
THREE HOLE**
Code No.: 249.116



WRENCHOCUBE - FOUR HOLE
Code No.: 249.117



REPOFIX DEVICE
Code No.: 249.113



MULTI-PIN FIXATION CLAMP
Code No.: 234.000



CORTICOTOME

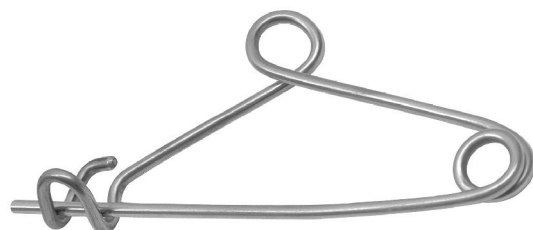
Code No.	Size
251.305	5 mm
251.307	7 mm
251.310	10 mm
251.315	15 mm



**ANGULATED WRENCH
10MM - CANNULATED**
Code No.: 250.202C

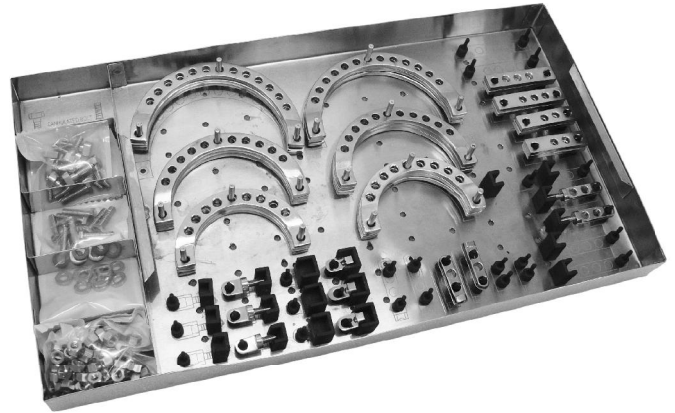


WIRE TENSIONER - DYNAMOMETER
Code No.: 252.402



WASHER HANGER
Code No.: 252.410

□ ILIZAROV EXTERNAL FIXATORS SETS



AS161 ILIZAROV SET - SMALL, S.S.

[You Tube www.TV.ortho.in/13912](https://www.youtube.com/watch?v=www.TV.ortho.in/13912)

Set Consisting of:

		Units
Half Rings		
230.008	Ilizarov- 1/2 Ring, Size: 80mm, SS	6
230.010	Ilizarov- 1/2 Ring, Size: 100mm, SS	6
230.012	Ilizarov- 1/2 Ring, Size: 120mm, SS	6
249.101	Wire Fixation Bolt - Cannulated, SS	15
249.106	Connection Bolt	10
239.010	Telescopic Rod : 100mm	3
249.107	Nut : 10mm, SS	100
237.004	Threaded Rod, Length: 100mm, SS	6
237.008	Threaded Rod, Length: 150mm, SS	6
237.010	Threaded Rod, Length: 200mm, SS	6
Short Connection Plates :		
244.003	Short Connection Plate, 3 Holes, SS	4
244.004	Short Connection Plate, 4 Holes, SS	4
242.002	Post Male, 2 Holes, SS	2
241.002	Post Female, 2 Holes, SS	2
249.112	Spacing Washer, SS	10
243.020	Hinge - Male, SS	3
243.010	Hinge - Female, SS	3
247.002	Threaded Socket, Length: 20mm, SS	2
247.003	Threaded Socket, Length: 30mm, SS	2
247.004	Threaded Socket, Length: 40mm, SS	2
248.012	Ilizarov Wire, 1.8mm x 400mm, Bayonet Point, SS	10
248.020	Olive Wire- 1.8mm x 400mm, SS	2
900.077	Empty Container	

[You Tube www.TV.ortho.in/25044](https://www.youtube.com/watch?v=www.TV.ortho.in/25044)

□ LENGTHENING DEVICE

**LENGTHENING DEVICE, S.S.
(USED WITH TUBULAR EXTERNAL FIXATOR)**

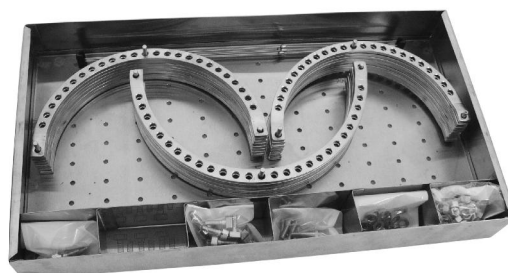
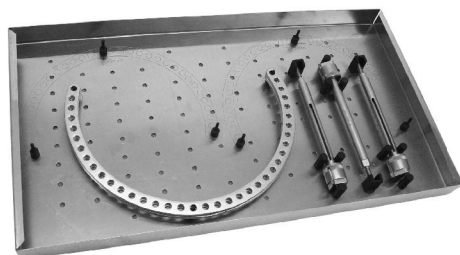
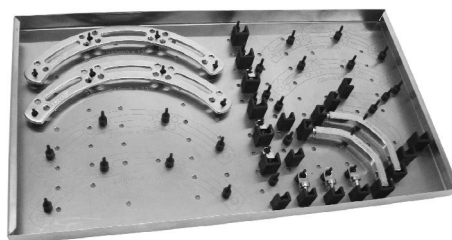
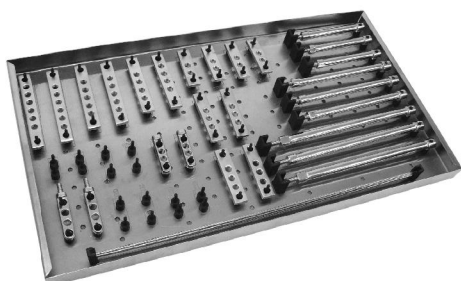
Code	Description
255.002	Lengthening Device, 12" Long.
255.004	Lengthening Device, 14" Long.
255.006	Lengthening Device, 16" Long.

Remaining Items of Set:	Units
8mm Threaded Rod.	1
Wheel Bolts.	6
Wheel Bolt with Hex Nut.	1
Tubular Rod 3 3/4".	3
Tommy Bar.	2



□ ILIZAROV SET - LARGE, S.S.

YouTube www.TV.ortho.in/13914



AS163 ILIZAROV SET - LARGE, S.S.

Set Consisting of:

HALF RINGS:

	Units
230.018 Ilizarov- 1/2 Ring, Size 180mm, SS	8
230.020 Ilizarov- 1/2 Ring, Size: 200mm, SS	8
230.022 Ilizarov- 1/2 Ring, Size: 220mm, SS	8

5/8 RINGS:

231.018 Ilizarov- 5/8 Ring, Size: 180mm, SS	2
231.020 Ilizarov- 5/8 Ring, Size: 200mm, SS	2
231.022 Ilizarov- 5/8 Ring, Size: 220mm, SS	2

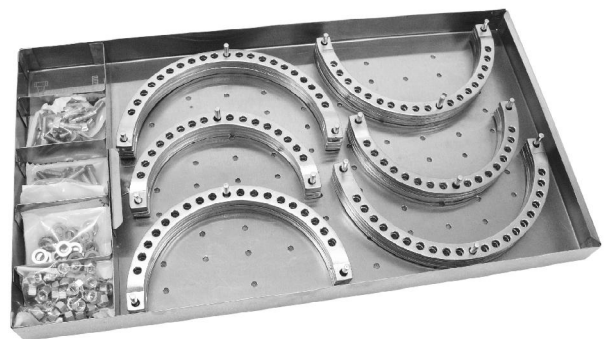
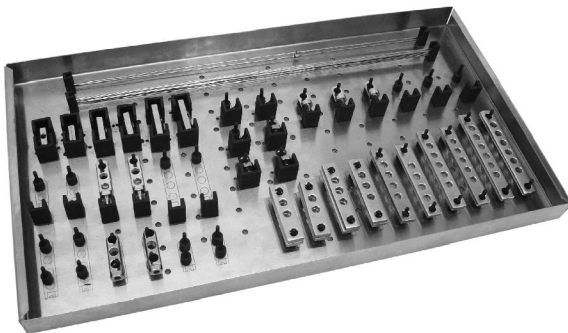
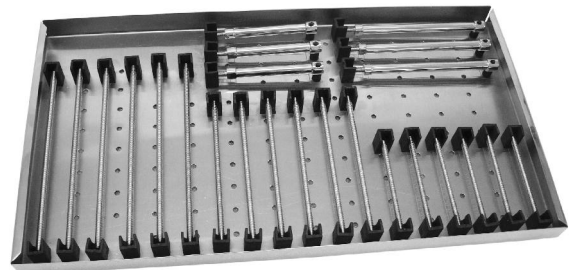
ITALIAN ARCH:

233.018 Italian Femoral Arche 120°, Size: 180mm, SS	1
233.020 Italian Femoral Arche 120°, Size: 200mm, SS	1
233.022 Italian Femoral Arche 120°, Size: 220mm, SS	1
249.101 Wire Fixation Bolt- Cannulated, SS	20
249.106 Connection Bolt, SS	10
239.010 Telescopic Rod, Length 100mm, SS	3
239.015 Telescopic Rod, Length 150mm, SS	3
239.020 Telescopic Rod, Length 200mm, SS	3
240.320 Graduated Telescopic Rod, L 150mm, SS	3
237.008 Threaded Rod, Length: 150mm, SS	6
237.010 Threaded Rod, Length: 200mm, SS	6
237.012 Threaded Rod, Length: 250mm, SS	6
249.107 Nut- 10mm, SS	100
244.003 Short Connection Plate, 3 Holes, SS	4
244.004 Short Connection Plate, 4 Holes, SS	4
244.005 Short Connection Plate, 5 Holes, SS	2
244.006 Short Connection Plate, 6 Holes, SS	2
244.007 Short Connection Plate, 7 Holes, SS	2
242.004 Post Male, 4 Holes, SS	2
241.004 Post Female, 4 Holes, SS	2
243.020 Hinge- Male, SS	3
243.010 Hinge- Female, SS	3
249.112 Spacing Washer, SS	20
247.002 Threaded Socket, Length: 20mm, SS	2
247.003 Threaded Socket, Length: 30mm, SS	2
247.004 Threaded Socket, Length: 40mm, SS	2
211.035 Front Threaded Pin (Shanz Screws) Dia: 5.0mm, Length 225mm, Thread: 40mm, SS	4
235.000 Shanz Pins Fixation Bolt	4
236.010 Oblique Support Without Thread	2
248.012 Ilizarov Wire, 1.8mm x 400mm, Bayonet Point, SS	10
248.020 Olive Wire- 1.8mm x 400mm, SS	2
900.079 Empty Container	

YouTube www.TV.ortho.in/25044

□ ILIZAROV SET - MEDIUM, S.S.

YouTube www.TV.ortho.in/13913



AS162 ILIZAROV SET - MEDIUM, S.S.

Set Consisting of:

Units

Half Rings

230.014	Ilizarov- 1/2 Ring, Size: 140mm, SS	8
230.016	Ilizarov- 1/2 Ring, Size: 160mm, SS	8

5/8 Rings

231.014	Ilizarov- 5/8 Ring, Size: 140mm, SS	2
231.016	Ilizarov- 5/8 Ring, Size: 160mm, SS	2
249.101	Wire Fixation Bolt- Cannulated, SS	20
249.106	Connection Bolt, SS	10
239.010	Telescopic Rod, Length: 100mm, SS	3
239.015	Telescopic Rod, Length: 150mm, SS	3
237.004	Threaded Rod, Length: 100mm, SS	6
237.008	Threaded Rod, Length: 150mm, SS	6
237.010	Threaded Rod, Length: 200mm, SS	6
249.107	Nut- 10mm, SS	100
244.003	Short Connection Plate, 3 Holes, SS	4
244.004	Short Connection Plate, 4 Holes, SS	4
244.005	Short Connection Plate, 5 Holes, SS	2
244.006	Short Connection Plate, 6 Holes, SS	2
244.007	Short Connection Plate, 7 Holes, SS	2
242.003	Post Male, 3 Holes, SS	2
241.003	Post Female, 3 Holes, SS	2
249.112	Spacing Washer, SS	20
243.020	Hinge- Male, SS	3
243.010	Hinge- Female, SS	3
247.002	Threaded Socket, Length: 20mm, SS	2
247.003	Threaded Socket, Length: 30mm, SS	2
247.004	Threaded Socket, Length: 40mm, SS	2
211.032	Front Threaded Pin (Shanz Screws), Dia: 5.0mm, L 200mm, Thread: 32mm, SS	4
235.000	Shanz Pins Fixation Bolt	5
248.012	Ilizarov Wire 1.8 x 400mm Bayonet Point, SS	10
248.020	Olive Wire 1.8 x 400mm, Bayonet Point, SS	2
900.078	Empty Container	

YouTube www.TV.ortho.in/25044

□ HOFFMAN EXTERNAL FIXATORS - 5.0MM

Code No.	Description
255.310	Pin-Rod Coupling for 3.0mm Pins and 5.0mm Rods
255.320	Rod-Rod Coupling for 5.0mm Rods or Posts
255.332	Peri-Articular Pin Clamp for 3.0mm Pins
255.331	Pin-Post Coupling for 3.0mm Pins
255.390	Clamp Chunk
255.380	Elbow Fixator, 5.0mm
255.340	Straight Post, 5.0mm
255.350	30° Post, 5.0mm

Carbon Fiber Rods	
255.371.12	5.0mm x 120mm
255.371.15	5.0mm x 150mm
255.371.18	5.0mm x 180mm
255.371.20	5.0mm x 200mm

Curved Aluminium Rods	
255.360.11	5.0mm x 110mm
255.360.14	5.0mm x 140mm

One Step Pins	
255.5136	3-2.5mm x 60mm
255.5108	3.0mm x 80mm

255.3200T	Removable Thumbwheel
255.3600T	Pin-Wrench
255.3320T	Stablization-Reduction Wrench
255.3100T	Manual Drill
255.3300T	Wrench
255.3400T	Scanz Guide



Pin-Rod Coupling for 3.0mm Pins and 5.0mm Rods
Code No.: 255.310



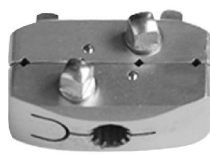
Rod-Rod Coupling for 5.0mm Rods or Posts
Code No.: 255.320



Clamp Chunk
Code No.: 255.390



Peri-Articular Pin Clamp for 3.0mm Pins
Code No.: 255.332



Pin-Post Coupling for 3.0mm Pins
Code No.: 255.331



Pin-Wrench
Code No.: 255.3600T



Curved Aluminium Rod
Code No.: 255.360.11 & 255.360.14



Elbow Fixator, 5.0mm
Code No.: 255.380



Straight Post, 5.0mm
Code No.: 255.340



30° Post, 5.0mm
Code No.: 255.350



Scanz Guide
Code No.: 255.3400T



Carbon Fiber Rods
Code No.: 255.371.12 to 255.371.20



One Step Pin
Code No.: 255.5136 & 255.5108



Wrench
Code No.: 255.3300T



Manual Drill
Code No.: 255.3100T



Removable Thumbwheel
Code No.: 255.3200T



Stablization-Reduction Wrench
Code No.: 255.3320T

□ HOFFMAN EXTERNAL FIXATORS - 8.0MM

Code No.	Description
258.210	Pin-Rod Coupling for 3.0mm/4.0mm/5.0mm Pins and 8.0mm Rods
258.220	Rod-Rod Coupling for 8.0mm Rods or Posts
258.230	Pin-Post Coupling for 3.0mm/4.0mm/5.0mm Pins
258.240.65	Straight Post 8mm x 65mm
258.250.80	30° Post 8mm x 80mm
Curved Aluminium Rods	
258.260.16	8.0mm x 160mm
258.260.18	8.0mm x 180mm
258.260.20	8.0mm x 200mm
Carbon Fiber Rods	
258.271.20	8.0mm x 200mm
258.271.28	8.0mm x 280mm
258.271.30	8.0mm x 300mm
258.271.35	8.0mm x 350mm
One Step Pins	
258.5108	3.0mm x 80mm
258.8112	4.0mm x 120mm
258.8212	5.0mm x 120mm
258.8215	5.0mm x 150mm
258.8218	5.0mm x 180mm
258.8220	5.0mm x 200mm
258.2200T	Removable Thumbwheel
258.2230T	T-Wrench
258.2400T	Pin-Wrench
258.2320T	Stablization-Reduction Wrench
258.2100T	Scanz Guide 4mm/5mm
258.2310T	Add Force Wrench
258.2500T	Manual Drill



Pin-Rod Coupling
for 3.0mm/4.0mm/5.0mm Pins & 8.0mm Rods
Code No.: 258.210



Rod-Rod Coupling
for 8.0mm Rods or Posts
Code No.: 258.220



Pin-Wrench
Code No.: 258.2400T



Pin-Post Coupling for 3.0mm/4.0mm/5.0mm Pins
Code No.: 258.230



Curved Aluminium Rod
Code No.: 258.260.16 to 258.260.20



T-Wrench
Code No.: 258.2230T



Straight Post
Code No.: 258.240.65



Carbon Fiber Rod
Code No.: 258.271.20 to 258.271.35



Add Force Wrench
Code No.: 258.2310T



One Step Pin
Code No.: 258.5108 to 258.8220



Scanz Guide
Code No.: 258.2100T



30° Post 8mm
Code No.: 258.250.80



Manual Drill
Code No.: 258.2500T



Stablization-Reduction Wrench
Code No.: 258.2320T



Removable Thumbwheel
Code No.: 258.2200T

□ UNIVERSAL EXTERNAL FIXATORS - 4.0MM



FIXING ELEMENT 4MM HOLE WITH CENTRALLY TAPPED BORE
Code No.: 214.107



FIXING ELEMENT 4MM HOLE WITH CENTRALLY UNTAPPED BORE
Code No.: 214.110



FIXING ELEMENT 2.5MM HOLE WITH UNTAPPED CENTRAL BORE
Code No.: 214.113



BOLT M4
Code No.: 214.116



SPACER 0.5MM
Code No.: 214.122



ROD 4MM - CARBON

Code No.	Length
214.080	80 mm
214.100	100 mm
214.150	150 mm
214.200	200 mm

□ INSTRUMENTS FOR UNIVERSAL EXTERNAL FIXATORS - 4.0MM



ALLEN KEY UNIVERSAL 3MM
Code No.: 214.119



PARALLEL SCREW JIG FOR 4MM & 2.5MM
Code No.: 214.131



HALF PIN INTRODUCER UNIVERSAL
Code No.: 214.134



SLEEVE

Code No.	Size
214.138	6 x 4 mm
214.141	4 x 2.6 mm
214.144	2.5 x 1.8 mm



TROCAR

Code No.	Size
214.147	2.5 mm
214.151	1.8 mm



DRILL BIT 2.5 X 80MM
Code No.: 214.128



DRILL BIT 1.8 X 80MM
Code No.: 214.125

□ UNIVERSAL EXTERNAL FIXATORS - 8.0MM



FIXING ELEMENT 8MM HOLE WITH CENTRALLY TAPPED BORE
Code No.: 214.154



FIXING ELEMENT 6MM HOLE WITH UNTAPPED CENTRAL BORE
Code No.: 214.157



FIXING ELEMENT 6MM HOLE WITH CENTRALLY TAPPED BORE
Code No.: 214.160



FIXING ELEMENT 8MM HOLE WITH UNTAPPED CENTRAL BORE
Code No.: 214.163



BOLT

Code No.	Size Type	Total Length in mm
214.178	Small	20 mm
214.181	Medium	25 mm
214.184	Large	35 mm



SPACER DISC

Code No.	Dia.
214.166	0.5
214.169	2.0
214.172	4.0
214.175	8.0



GUIDE ROD IN CARBON COMPOSITES

Code No.	Length
214.187	150 mm
214.190	200 mm
214.193	250 mm
214.196	300 mm
214.199	350 mm
214.202	400 mm

□ INSTRUMENTS FOR UNIVERSAL EXTERNAL FIXATORS - 8.0MM



DRILL GUIDE

Code No.	Size
214.418	6x3.2X80mm
214.420	6x5.0X80mm



SCREW GUIDE 8x6x100
Code No.: 214.216



HALF PIN INTRODUCER D-TYPE
Code No.: 214.430



ALLEN KEY UNIVERSAL
Code No.: 214.210



TROCAR - 6MM
Code No.: 214.213



EMPTY CONTAINER
Code No.: 214.501

□ DISTAL RADIUS EXTERNAL FIXATOR



DISTAL RADIUS FIXATOR
Code No.: 214.219



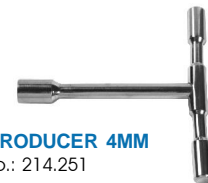
TAPERED PIN

Code No.	Size
214.230	4x50Lx18TL
214.233	4x60Lx20TL
214.236	4x70Lx20TL
214.239	4x80Lx20TL
214.242	4x100Lx20TL

□ INSTRUMENTS FOR DISTAL RADIUS EXTERNAL FIXATOR



JIG FOR DISTAL RADIUS FIXATOR
Code No.: 214.245



HALF PIN INTRODUCER 4MM
Code No.: 214.251



DRILL SLEEVE 4X2.5MM
Code No.: 214.254



TROCAR
Code No.: 214.248



DRILL BIT 2.5MM
Code No.: 214.260



ALLEN KEY UNIVERSAL A/F 3MM
Code No.: 214.263



SCREW GUIDE 6X4MM
Code No.: 214.257



EMPTY CONTAINER
Code No.: 214.550

□ DYNAMIC EXTERNAL FIXATOR



DYNAMIC EXTERNAL FIXATOR

Code No.	Size
214.269	Large
214.272	Medium
214.275	Small



T-END CLAMP
Code No.: 214.278

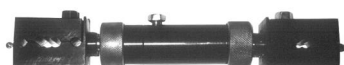


ELBOW CLAMP
Code No.: 214.287

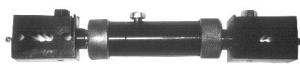


SELF ADJUSTING CLAMP WITH MEDIUM DYNAMIC EXTERNAL FIXATOR
Code No.: 214.281

□ INSTRUMENTS FOR DYNAMIC EXTERNAL FIXATOR



TEMPLATE FOR LARGE & MEDIUM DYNAMIC EXTERNAL FIXATOR
Code No.: 214.300



TEMPLATE FOR SMALL DYNAMIC EXTERNAL FIXATOR
Code No.: 214.303



MANIPULATING FORCEPS
Code No.: 214.321



SPANNER UNIVERSAL JOINT
Code No.: 214.306



TROCAR
Code No.: 214.318



ALLEN KEY - 6MM
Code No.: 214.434



HALF PIN INTRODUCER D-TYPE
Code No.: 214.284



SCREW GUIDE

Code No.	Size
214.310	8x6x60mm
214.315	8x6x100mm



DRILL GUIDE

Code No.	Size
214.417	6x3.2X40mm
214.418	6x3.2X80mm
214.419	6x5.0X40mm
214.420	6x5.0X80mm



EMPTY CONTAINER FOR APPLIANCE
Code No.: 214.600



EMPTY CONTAINER FOR INSTRUMENTS
Code No.: 214.650



HALF PIN

Code No.	Size
214.539	4x3.5mm
214.542	4x2.5mm

HALF PIN - 5X4.5MM

Code No.	Thread Length
214.530	16mm
214.533	32mm
214.536	50mm

□ THE RAIL FIXATION SYSTEM



RAIL

Code No.	LENGTH
214.330	240mm
214.333	300mm
214.336	400mm



METAFICIAL CLAMP
Code No.: 214.354



C D UNIT

Code No.	LENGTH
214.360	40mm
214.363	80mm



END CLAMP
Code No.: 214.342



SWIVEL CLAMP
Code No.: 214.345



T-BALL & SOCKET CLAMP
Code No.: 214.351



BALL & SOCKET CLAMP STANDARD
Code No.: 214.348



GRADUATED SWIVEL CLAMP
Code No.: 214.366



MULTIAXIAL CLAMP
Code No.: 214.357



DYNA RING CLAMP
Code No.: 214.369



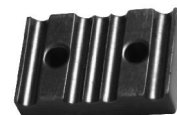
T CLAMP
Code No.: 214.372



CENTRAL CLAMP
Code No.: 214.339

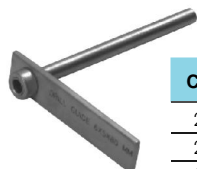


BOLT FOR SANDWICH PLATE
Code No.: 214.378



SANDWICH PLATE
Code No.: 214.375

□ INSTRUMENTS FOR THE RAIL FIXATION SYSTEM



DRILL GUIDE

Code No.	Size
214.417	6x3.2X40mm
214.418	6x3.2X80mm
214.419	6x5.0X40mm
214.420	6x5.0X80mm



DRILL BIT

Code No.	Size
214.421	3.2x200mm
214.428	4.8x200mm



TEMPLATE FOR END & CENTRAL CLAMP
Code No.: 214.379



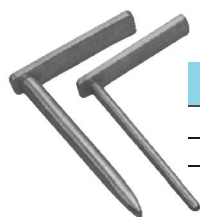
ALLEN KEY - 6MM
Code No.: 214.434



HALF PIN INTRODUCER D-TYPE
Code No.: 214.430



TEMPLATE FOR SWIVEL CLAMP
Code No.: 214.380



Code No.	Size
214.310	8x6x60mm
214.315	8x6x100mm



EMPTY CONTAINER FOR APPLIANCE
Code No.: 214.700



EMPTY CONTAINER FOR INSTRUMENTS
Code No.: 214.750

□ PEDIATRIC RAIL SYSTEM



RAIL PEDIATRIC

Code No.	LENGTH
214.390	150mm
214.395	200mm
214.400	250mm



CENTRAL CLAMP PEDIATRIC
Code No.: 214.403



SWIVEL CLAMP PEDIATRIC
Code No.: 214.411



END CLAMP PEDIATRIC
Code No.: 214.407



T CLAMP PEDIATRIC
Code No.: 214.439



T BALL & SOCKET CLAMP PEDIATRIC
Code No.: 214.442



CD UNIT PEDIATRIC
Code No.: 214.381



MINI RAIL VERTICAL AXIS
Code No.: 214.445



MINI RAIL HORIZONTAL AXIS
Code No.: 214.448

□ INSTRUMENTS FOR PEDIATRIC RAIL SYSTEM



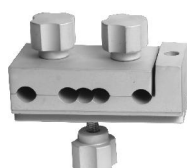
DRILL GUIDE - 6X3.2X40MM
Code No.: 214.417



SCREW GUIDE - 8X6X60MM
Code No.: 214.414



HALF PIN INTRODUCER D-TYPE
Code No.: 214.430



TEMPLATE FOR PEDIATRIC END & CENTRAL CLAMP
Code No.: 214.424



TEMPLATE FOR PEDIATRIC SWIVEL CLAMP
Code No.: 214.427



EMPTY CONTAINER
Code No.: 214.436



DRILL BIT - 3.2 X 200MM
Code No.: 214.421



ALLEN KEY - 5MM
Code No.: 214.433

□ TAPERED THREADED PINS



**TAPERED THREADED PIN
STAINLESS STEEL**

Total Length in mm	Threaded Length in mm				
	20	30	40	50	60
Cortical-Shaft - 6mm / Tapered 6 to 5mm / Drill Bit 4.8mm					
130	-	214.455	214.480	214.500	-
150	-	214.458	214.483	214.503	-
170	-	-	214.486	214.506	214.525
200	-	-	214.489	214.509	214.527
Cortical-Shaft - 6mm / Tapered 4.5mm to 3.5mm / Drill Bit 3.2mm					
100	214.450	214.470	-	-	-
120	-	214.473	214.495	-	-

**TAPERED THREADED PIN
TITANIUM**

Total Length in mm	Threaded Length in mm				
	20	30	40	50	60
Cortical-Shaft - 6mm / Tapered 6 to 5mm / Drill Bit 4.8mm					
130	-	Ti-214.455	Ti-214.480	Ti-214.500	-
150	-	Ti-214.458	Ti-214.483	Ti-214.503	-
170	-	-	Ti-214.486	Ti-214.506	Ti-214.525
200	-	-	Ti-214.489	Ti-214.509	Ti-214.527

**TAPERED THREADED PIN
WITH HYDROXYAPETITE COATING (HA)**

Total Length in mm	Threaded Length in mm				
	20	30	40	50	60
Cortical-Shaft - 6mm / Tapered 6 to 5mm / Drill Bit 4.8mm					
130	-	215.455	215.480	215.500	-
150	-	215.458	215.483	215.503	-
170	-	-	215.486	215.506	215.525
200	-	-	215.489	215.509	215.527
Cortical-Shaft - 6mm / Tapered 4.5mm to 3.5mm / Drill Bit 3.2mm					
100	215.450	215.470	-	-	-
120	-	215.473	215.495	-	-