

SECTION 12 (12.01-12.13)

External Fixator



VO.12
Schanz Screw with
Cortical Thread Diameter 1.5 mm



Codes	Dia (mm)	Length(mm)	Material
VO.12.1	1.5	75	SS

VO.12
Schanz Screw with
Cortical Thread Diameter 2.0 mm



Codes	Dia (mm)	Length(mm)	Material
VO.12.2	2.0	75	SS

VO.12
Schanz Screw with
Cortical Thread Diameter 2.5mm



Codes	Dia (mm)	Length(mm)	Material
VO.12.3	2.5	100	SS

VO.12.4
Schanz Screw with
Cortical Thread Diameter 3.5mm



Codes	Dia (mm)	Shaft	Thread	Length(mm)	Material
VO.12.4.01	3.5	4.0	14	125	SS
VO.12.4.02	3.5	4.0	20	125	SS
VO.12.4.03	3.5	4.5	18	125	SS
VO.12.4.04	3.5	4.5	22	125	SS

VO.12.5
Schanz Screw with
Cortical Thread Diameter 4.0 mm



Codes	Dia (mm)	Thread	Length(mm)	Material
VO.12.5.01	4.0	18	125	SS
VO.12.5.02	4.0	25	175	SS

Schanz Screws

VO.12.6
Schanz Screw with
Cortical Thread Diameter 4.5 mm



Codes	Dia (mm)	Thread	Length(mm)	Material
VO.12.6.01	4.5	18	150	SS
VO.12.6.02	4.5	25	150	SS
VO.12.6.03	4.5	18	175	SS
VO.12.6.04	4.5	25	175	SS
VO.12.6.05	4.5	32	175	SS
VO.12.6.06	4.5	40	175	SS
VO.12.6.07	4.5	25	200	SS
VO.12.6.08	4.5	32	200	SS
VO.12.6.09	4.5	40	200	SS
VO.12.6.10	4.5	25	225	SS
VO.12.6.11	4.5	32	225	SS
VO.12.6.12	4.5	40	225	SS

VO.12.7
Schanz Screw with
Cortical Thread Diameter 5.0 mm



Codes	Dia (mm)	Thread	Length(mm)	Material
VO.12.7.01	5.0	18	150	SS
VO.12.7.02	5.0	25	150	SS
VO.12.7.03	5.0	18	175	SS
VO.12.7.04	5.0	25	175	SS
VO.12.7.05	5.0	32	175	SS
VO.12.7.06	5.0	40	175	SS
VO.12.7.07	5.0	25	200	SS
VO.12.7.08	5.0	32	200	SS
VO.12.7.09	5.0	40	200	SS
VO.12.7.10	5.0	25	225	SS
VO.12.7.11	5.0	32	225	SS
VO.12.7.12	5.0	40	225	SS

VO.12.8
Schanz Screw with
Cortical Thread Diameter 6.0 mm



Codes	Dia (mm)	Thread	Length(mm)
VO.12.8.01	6.0	32	225
VO.12.8.02	6.0	40	225

VO.12.9
Schanz Screw with
Cancellous Thread Diameter 3.5 mm



Codes	Dia (mm)	Length(mm)
VO.12.9.01	3.5	125

VO.12.10
Schanz Screw with
Cancellous Thread Diameter 6.5mm



Codes	Thread Length (mm)	Length(mm)
VO.12.10.01	16	225
VO.12.10.02	32	225
VO.12.10.03	50	225

Ring Fixators

VO.12.11 ILIZAROV Full



Codes	Size (mm)
VO.12.11.01	80
VO.12.11.02	100
VO.12.11.03	120
VO.12.11.04	140
VO.12.11.05	160
VO.12.11.06	180
VO.12.11.07	200
VO.12.11.08	220
VO.12.11.09	240

VO.12.14 Omega Ring



Codes	Size (mm)
VO.12.14.01	120
VO.12.14.02	140
VO.12.14.03	160
VO.12.14.04	180
VO.12.14.05	200

VO.12.15 Threaded Rods



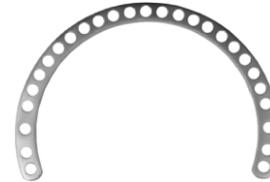
Codes	Size (mm)
VO.12.15.01	75
VO.12.15.02	100
VO.12.15.03	125
VO.12.15.04	150
VO.12.15.05	200
VO.12.15.06	250
VO.12.15.07	300
VO.12.15.08	350
VO.12.15.09	400
VO.12.15.10	450

VO.12.12 ILIZAROV 1/2



Codes	Size (mm)
VO.12.12.01	80
VO.12.12.02	100
VO.12.12.03	120
VO.12.12.04	140
VO.12.12.05	160
VO.12.12.06	180
VO.12.12.07	200
VO.12.12.08	220
VO.12.12.09	240

VO.12.13 ILIZAROV 5/8 Ring



Codes	Size (mm)
VO.12.13.01	100
VO.12.13.02	120
VO.12.13.03	140
VO.12.13.04	160
VO.12.13.05	180
VO.12.13.06	200
VO.12.13.07	220
VO.12.13.08	240
VO.12.13.09	260

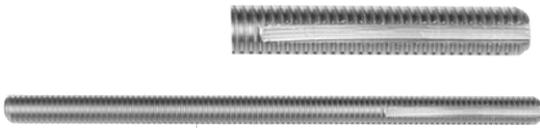
VO.12.16 Short Connection Plate



Codes	Holes
VO.12.16.01	2
VO.12.16.02	3
VO.12.16.03	4
VO.12.16.04	5
VO.12.16.05	6
VO.12.16.06	7
VO.12.16.07	8
VO.12.16.08	9
VO.12.16.09	10

Ring Fixators

VO.12.17 Threaded Rods Slotted



Codes	Size (mm)
HS12.17.01	75
HS12.17.02	100
HS12.17.03	125
HS12.17.04	150

VO.12.18 Graduated Telescopic Rod



Codes	Size (mm)
HS12.18.01	100
HS12.18.02	150

VO.12.19 Carbon Fiber Connecting Plate

Codes	Holes
HS12.19.01	2
HS12.19.02	3
HS12.19.03	4
HS12.19.04	5
HS12.19.05	6
HS12.19.06	11
HS12.19.07	16
HS12.19.08	20

VO.12.20 Curved Plate



Codes	Holes
HS12.20.01	3
HS12.20.02	4
HS12.20.03	5
HS12.20.04	6

VO.12.21 Twisted Plate



Codes	Holes
HS12.21.01	2
HS12.21.02	3
HS12.21.03	4

VO.12.22 Connection Plate with Threaded Ends



Codes	Holes
HS12.22.01	5
HS12.22.02	7
HS12.22.03	9
HS12.22.04	11

Ring Fixators

VO.12.23 Telescopic Rod



Codes	Size (mm)
HS12.23.01	100
HS12.23.02	150
HS12.23.03	200
HS12.23.04	250
HS12.23.05	300

VO.12.25 Post Male



Codes	Holes
HS12.25.01	2
HS12.25.02	3
HS12.25.03	4

HS12.27 Hinge - Male



HS12.29 Single Pin Fixation Bolt



HS12.31 Hinge - 90°



HS12.33 Single Pin Fixation Bolt with Washer - Deluxe



VO.12.24 Threaded Sockets



Codes	Size (mm)
HS12.24.01	20
HS12.24.02	30
HS12.24.03	40
HS12.24.04	60

VO.12.26 Post Female



Codes	Holes
HS12.26.01	2
HS12.26.02	3
HS12.26.03	4

HS12.28 Hinge - Female



HS12.30 Wire Fixation Bolt Cannulated



HS12.32 Multi-Pin Fixation Clamp



Ring Fixators

VO.12.34
Illizarov Wire Bayonet Point



Codes	Size (mm)	Length (mm)
HS12.34.01	1.5	400
HS12.34.02	1.8	400

VO.12.35
Illizarov Wire Trocar Point



Codes	Size (mm)	Length (mm)
HS12.35.01	1.5	400
HS12.35.02	1.8	400

VO.12.36
Olive Wire Bayonet Point



Codes	Size (mm)	Length (mm)
HS12.36.01	1.5	400
HS12.36.02	1.8	400

VO.12.37
Olive Wire Trocar Point



Codes	Size (mm)	Length (mm)
HS12.37.01	1.5	400
HS12.37.02	1.8	400

HS12.38
Wire Fixation Bolt Slotted



HS12.39
Wire Buckle



Ring Fixators

HS12.40
Oblique Support with Thread



HS12.42
Conical Washer (Pair)



HS12.44
Nut - 10mm



HS12.46
Nylon Insert Nut



HS12.48
Slotted Washer



HS12.50
Wrenchocube One Hole



HS12.41
Oblique Support without Thread



HS12.43
Connection Bolt



HS12.45
Square Nut



HS12.47
Flat Sided Washer



HS12.49
Spacing Washer



HS12.51
Wrenchocube Two Hole



Ring Fixators

HS12.52
Wrenchocube three Hole



HS12.54
Repoix Device



HS12.56
Angulated Wrench 10mm Cannulated

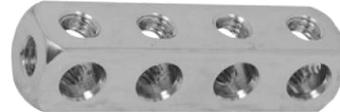


VO.12.58
Wire Tensioner Dynamometer

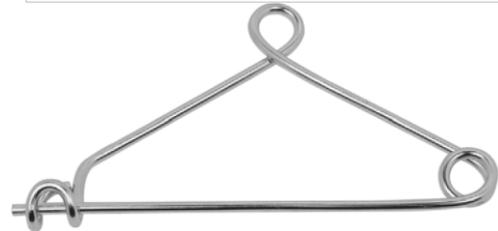


Codes	Description
HS12.58.01	Wire Tensioner
HS12.58.02	Box Spanner 10mm
HS12.58.03	Cannulated Bolt with Female head in Head
HS12.58.04	Spanner 10mm

HS12.53
Wrenchocube Four Hole



HS12.55
Washer Hanger



VO.12.57
Corticotome



Codes	Size (mm)
HS12.57.01	5
HS12.57.02	7
HS12.57.03	10
HS12.57.04	15

SECTION 12 EXTERNAL FIXATOR

External Fixators for Forearms and Metacarpals

HS12.59
Small Single Pin Clamp 4.0 X 2.5mm



HS12.61
Small Single Pin Clamp 4.0 X 2.5mm Modified



HS12.63
Small Compression Distraction Device



VO.12.65
T-Wrench



Codes	Length (mm)
HS12.65.01	7mm
HS12.65.02	8mm

HS12.60
Small Connecting Clamp 4.0 X 4.0mm



HS12.62
Small Connecting Clamp 4.0 X 4.0mm Modified



VO.12.64
Spanner



Codes	Length (mm)
HS12.64.01	7mm
HS12.64.02	8mm

VO.12.66 Front Threaded Pins



Codes	Dia (mm)	Length (mm)
HS12.66.01	1.5	75
HS12.66.02	2.0	75
HS12.66.03	2.5	100

VO.12.67 Front Threaded Pin



Codes	Description
	Dia 3.5mm, Shaft 4.0mm, Length 125mm
HS12.67.01	hread Length - 14mm
HS12.67.02	hread Length - 20mm
	Dia 3.5mm, Shaft 4.5mm, Length 125mm
HS12.67.03	hread Length - 18mm
HS12.67.04	hread Length - 22mm
	Cancellous Front hreaded Pins
HS12.67.05	Dia 3.5mm, Shaft 4.0mm, Length 125mm

Tubular External Fixators

Codes	Description
HS12.68.01	Single Pin Clamp
HS12.68.02	Single Pin Clamp (Delux)
HS12.68.03	Double Pin Clamp
HS12.68.04	Open Single Pin Clamp
HS12.68.05	Connecting Clamp
HS12.68.06	Open Connecting Clamp
HS12.68.07	Twin Adjustable Clamp - Straight
HS12.68.08	Twin Adjustable Clamp - Curved
HS12.68.09	Transverse Clamp
HS12.68.10	Tube to Tube Clamp
HS12.68.11	Self Holding Clamp
HS12.68.12	Compression Distraction Device
HS12.68.13	Semi Circular Tubular Rod - Small
HS12.68.14	Semi Circular Tubular Rod - large
HS12.68.15	Single Pin Clamp with Extension Plate
HS12.68.16	Double Pin Clamp with Extension Plate
HS12.68.17	Shanz Pin Introducer
HS12.68.18	Connecting Rod 5.0mm
HS12.68.19	Spanner - 11mm
HS12.68.20	T-Wrench - 11mm
HS12.68.21	Box Spanner - 11mm
HS12.68.22	Triple Trocar Set with Handle
HS12.68.23	Triple Trocar Set - Extra Long
HS12.68.24	Sleeve with Handle for 6.5mm Cancellous Shanz Pin
HS12.68.25	Tubular Rods : 100mm (4")
HS12.68.26	Tubular Rods : 150mm (6")
HS12.68.27	Tubular Rods : 200mm (8")
HS12.68.28	Tubular Rods : 250mm (10")
HS12.68.29	Tubular Rods : 300mm (12")
HS12.68.30	Tubular Rods : 350mm (14")
HS12.68.31	Tubular Rods : 400mm (16")
HS12.68.32	Tubular Rods : 450mm (18")
HS12.68.33	Tubular Rods : 500mm (20")

VO.12.69 Connecting Rod - 4.0mm Dia.

Codes	Length (mm)
HS12.69.01	100
HS12.69.02	150
HS12.69.03	200
HS12.69.04	250
HS12.69.05	300

VO.12.70 Carbon Fibre Rod - 4.0mm Dia.

Codes	Length (mm)
HS12.70.01	100
HS12.70.02	150
HS12.70.03	200
HS12.70.04	250
HS12.70.05	300

HS12.71
Self Holding Clamp



HS12.73
Double Pin Clamp



HS12.75
Twin Adjustable Clamp Curved



HS12.77
Connecting Clamp



HS12.79
Compression Distraction Device



HS12.72
Single Pin Clamp - Deluxe



HS12.74
Open Single Pin Clamp



HS12.76
Tube to Tube Clamp



HS12.78
Twin Adjustable Clamp Straight



HS12.80
Transverse Clamp



HS12.81
Schanz Pin Introducer



HS12.83
Spanner 11mm



HS12.85
Triple Trocar Set with Handle Extra Long



VO.12.87
Tubular Rod 11mm Dia.



Codes	Size
HS12.87.01	100mm (4")
HS12.87.02	150mm (6")
HS12.87.03	200mm (8")
HS12.87.04	250mm (10")
HS12.87.05	300mm (12")
HS12.87.06	350mm (14")
HS12.87.07	400mm (16")
HS12.87.08	450mm (18")
HS12.87.09	500mm (20")

HS12.82
T-Wrench 11mm



HS12.84
Triple Trocar Set with Handle



HS12.86
Connecting Rod 5.0mm



VO.12.88
Carbon Fibre Rod 11mm Dia.



Codes	Size
HS12.88.01	100mm (4")
HS12.88.02	150mm (6")
HS12.88.03	200mm (8")
HS12.88.04	250mm (10")
HS12.88.05	300mm (12")
HS12.88.06	350mm (14")
HS12.88.07	400mm (16")
HS12.88.08	450mm (18")
HS12.88.09	500mm (20")

VO.12.89
Cancellous Front Threaded Pins 6.5mm



Codes	Thread Length (mm)	Length (mm)
HS12.89.01	16	225
HS12.89.02	32	225
HS12.89.03	50	225

VO.12.90
Front Threaded Pins (Shanz Screws)



Codes	Dia (mm)	Length (mm)	Thread (mm)
HS12.90.01	4.0	125	18
HS12.90.02	4.0	175	25
HS12.90.03	4.5	150	18
HS12.90.04	4.5	150	25
HS12.90.05	4.5	175	18
HS12.90.06	4.5	175	25
HS12.90.07	4.5	175	32
HS12.90.08	4.5	175	40
HS12.90.09	4.5	200	25
HS12.90.10	4.5	200	32
HS12.90.11	4.5	200	40
HS12.90.12	4.5	225	25
HS12.90.13	4.5	225	32
HS12.90.14	4.5	225	40
HS12.90.15	5.0	150	18
HS12.90.16	5.0	150	25
HS12.90.17	5.0	175	18
HS12.90.18	5.0	175	25
HS12.90.19	5.0	175	32
HS12.90.20	5.0	175	40
HS12.90.21	5.0	200	25
HS12.90.22	5.0	200	32
HS12.90.23	5.0	200	40
HS12.90.24	5.0	225	25
HS12.90.25	5.0	225	32
HS12.90.26	5.0	225	40
HS12.90.27	6.0	225	32
HS12.90.28	6.0	225	40