

tst

1/3 Tubular Plates

1/3 TUBULAR RADIUS ULNA PLATES

One-third-tubular Plate has the form of 1/3 of the circumference of a cylinder. They are used as a support plate in bones such as ulna, radius and fibula with tubular surface structure.

Plate Profile:

They have low rigidity since they are only 1.5 mm thick, width: 9.0 mm, Distance between holes is 12.0 mm, They are available with 4 to 12 holes plates from 49 mm to 145 mm. Plate holes are round and threaded, in these holes 3.5 mm locking/non-locking cortex screws are used.

Indications: The plates are indicated for the treatment of small bone fragment fractures including ulna, radius, fibula, malunion, nonunion, and osteotomy.

TST Code	Barcode	Description	Material	Length (mm)
34827000004	8698673418875	LOWPR 1\3 RADIUS ULNA I.L.PLATE 4 HOLES	Ti	49
34827000005	8698673418882	LOWPR 1\3 RADIUS ULNA I.L.PLATE 5 HOLES	Ti	61
34827000006	8698673418899	LOWPR 1\3 RADIUS ULNA I.L.PLATE 6 HOLES	Ti	73
34827000007	8698673418905	LOWPR 1\3 RADIUS ULNA I.L.PLATE 7 HOLES	Ti	85
34827000008	8698673418912	LOWPR 1\3 RADIUS ULNA I.L.PLATE 8 HOLES	Ti	97
34827000009	8698673423510	LOWPR 1\3 RADIUS ULNA I.L.PLATE 9 HOLES	Ti	109
34827000010	8698673418929	LOWPR 1\3 RADIUS ULNA I.L.PLATE 10 HOLES	Ti	121
34827000012	8698673422872	LOWPR 1\3 RADIUS ULNA I.L.PLATE 12 HOLES	Ti	145



10 holes



LOW PROF. CORT. SELFT SCREW Ti Ø 3.5 MM

TST Code	Barcode	Length	Qty
20120120035	8698673417076	12	3
20120140035	8698673417083	14	3
20120160035	8698673417090	16	6
20120180035	8698673417106	18	6
20120200035	8698673417113	20	6
20120220035	8698673417120	22	3
20120240035	8698673417137	24	3
20120260035	8698673417144	26	3
20120280035	8698673417151	28	3
20120300035	8698673417168	30	3
20120320035	8698673417175	32	3
20120340035	8698673417182	34	3
20120360035	8698673417199	36	3
20120380035	8698673417205	38	3
20120400035	8698673417212	40	3
20120420035	8698673417229	42	3
20120440035	8698673417236	44	3
20120460035	8698673417243	46	3
20120480035	8698673417250	48	3
20120500035	8698673417267	50	3
20120550035	8698673477216	55	3
20120600035	8698673426238	60	3



LOW PROF. CORT. LOCK. SCREW SELFT Ti Ø 3.5 MM

TST Code	Barcode	Length	Qty
20127120035	8698673417571	12	5
20127140035	8698673417588	14	5
20127160035	8698673417595	16	10
20127180035	8698673417601	18	10
20127200035	8698673417618	20	10
20127220035	8698673417625	22	5
20127240035	8698673417632	24	5
20127260035	8698673417649	26	5
20127280035	8698673417656	28	5
20127300035	8698673417663	30	5
20127320035	8698673417670	32	5
20127340035	8698673417687	34	5
20127360035	8698673417694	36	5
20127380035	8698673417700	38	5
20127400035	8698673417717	40	5
20127420035	8698673417724	42	5
20127440035	8698673417731	44	5
20127460035	8698673417748	46	5
20127480035	8698673417755	48	5
20127500035	8698673417762	50	5
20127550035	8698673445895	55	5
20127600035	8698673439306	60	5

Surgical Technique

Fracture reduction is performed using open or closed reduction techniques in accordance with orthopedics and traumatology principles.

Soft tissues are passed through the incision and the bone surface is prepared for plate placement.

The plate selected in a suitable length for the condition of the fracture is placed on the bone tubular surface.

Temporary fixation of the plate to the bone is performed with 1.5 mm K-Wires (Rev 23410180015) through the K-Wire holes on the plate.

Plate holes are in a design that locked and non-locked screws can be applied.



Cortical screws of 3.5 mm included in the set feature a self-tapping tip.

Before inserting the screw into the bone, it is necessary to pre-drill a hole on the bone so that the screw can insert properly.

For this purpose, the 2.7x50 mm Drill Guide (Rev 2005700027) is attached to the plate hole centrally and the bone is drilled as a double cortex with a Ø2.7x130 mm Bone Drill bit (Rev 22310130027).

The Depth Gauge (Rev 2005000700) is used to determine the length of the screw to be used in this hole. The special protrusion at the tip of the depth gauge is attached to the opposite cortex and the scale is read.

Screw is inserted with a Hexagonal Screwdriver tip (Rev 02020103025) of Ø2.5x5x130 mm attached to the Soft Screwdriver handle (Rev 20101010001) by turning clockwise in the hole.

If the fracture gap is to be compressed, placing the Drill Guide (Rev 08061008027) eccentrically (away from the fracture line) into the appropriate plate hole on the other side of the fracture, and drill the bone with a 2.7 mm drill bit (Rev 2052000027).

In this way, 3.5mm cortical screw can be inserted into the plate hole eccentrically.

By means of a screwdriver, when the screw head is fully inserted into the plate hole, the compression between the parts is achieved.

Note: K-wires must be removed before the head of the screw is placed in the hole of the plate.

At least 2-3 screws in each segment should be placed in accordance with the fracture condition and model. Locking screws can be used, if necessary, with the appropriate position for other plate holes.

1.5 NM Torque Screwdriver Handle (Rev 1191000015) is included in the set for final tightening of locking screws.



No	TST Code	Barcode	Description	Qty
12	00000301400	8699931023664	UPPER EXTREMITY 4. DESIGN TRAY	1
13	1191000015	8699931008722	SCREW DRIVER TORQUE 1.5NM	1
14	2006000700	8680858410965	DEPTH GAUGE - UPPER EXT. PLATE (2.7 MM)	1
15	2005000700	8699931028874	DEPTH GAUGE - UPPER EXT. PLATE (3.5 MM & 4.0 MM)	1
16	2010101001	8698673441187	SOFT SCREW DRIVER QUICK SMALL	1
17	02020103025	8699931010930	SCREW DRIVER QUICK TIP 2.5XØ5X130 MM	2
18	02025010323	8699931010947	SCREWDRIVER QUICK TIP T8X80MM	2
19	2005900002	8699931028041	VAL DRILL SLEEVE Ø 2.0 MM	1
20	8040108165	8699931019025	STABL VAL DRILL SLEEVE Ø 2.0 MM	1
21	2005100014	8699931021844	DRILL GUIDE DOUBLE UPPER EXTREMITY	1
22	2052000027	8699931017595	MODULAR DRILL SLEEVE Ø2.7 MM	1
23	2052000032	8699931017601	MODULAR DRILL SLEEVE Ø3.2 MM	1
24	2005700027	8698673495074	LOCK. DRILL GUIDE Ø 2.7X50 MM	2
25	2005100037	8698673447646	THREADED DRILL GUIDE Ø3.2 MM	2
26	22310130027	8698673450424	BONE DRILL 2.7 X 130 MM	1
27	22310200027	8698673450431	BONE DRILL 2.7X200 MM	1
28	22310200032	8698673450455	BONE DRILL 3.2 X 200 MM	2
29	4551000160	8699931028805	K-WIRE TUBE Ø10XØ8X160 MM	1
30	22310130020	8698673450400	BONE DRILL 2.0X130 MM	2
30	4551008190	8699931036756	K-WIRE TUBE Ø10XØ8X190 MM	1
31	23410180015	8698673458086	KIRSCHNER WIRE TROCER POINT 1.5X180 MM	4
31	00000301600	8699931010824	UPPER EXTREMITY - ANKLE SCREW TRAY	1
	00560270180	8699931023152	CONTAINER 560X270X180 MM	1

