



Orthopedic Implants & Surgical Instruments



www.sammarsurgical.com

ABOUT PRODUCTS

We are manufacturers of Surgical Instruments & Orthopedic Implants and have vast experience in this line and would like to serve the human beings for this noble cause.

The Orthopedic Implants are produce in a high grade Stainless Steel 316L Titanium Ti6AL4V. The steel have been approved by Industrial Research & Development Centre and also The Pakistan Council of Scientific & Industrial Research Institutions.

These types of Stainless Steel meet all requirements and approved by the ISO committee ISO/TC 150 in the Specification ISO 5832- Part 1,

The Stainless Steel is used for Orthopedic Implants are specified by the National Bureau of Standards in England, united State and Switzerland

Orthopedic Implants & Surgical Instruments has surface finish by the electrically polished and chemically passivation for remove any substances. During the process in production every Implants checked for accuracy of their gradation, sizes finishing.

Analysis of Stainless Steel 316L

Chemical composition of Low Carbon Stainless Steel used in Manufacturing of Orthopaedic Implants:

Carbon	0.03 max	Chromiam	17.00 - 20.00
Manganese	3.00 max	Nickle	10.00 - 14.00
Phosphorous	0.03 max	Molybdenum	2.00 - 4.00
Silicon	0.75 max	Iron	Balance

CORTICAL SCREW 3.5 mm

1.25 mm 1.75 mm PITCH ARE AVAILABLE

Same Article Available in Titanium

Article #	Length	Article #	Length
SIO-100	12 mm	SIO-120	32 mm
SIO-102	14 mm	SIO-122	34 mm
SIO-104	16 mm	SIO-124	36 mm
SIO-106	18 mm	SIO-126	38 mm
SIO-108	20 mm	SIO-128	40 mm
SIO-110	22 mm		
SIO-112	24 mm		
SIO-114	26 mm		
SIO-116	28 mm		
SIO-118	30 mm		



CORTICAL SCREW 4.5 mm

1.25 mm 1.75 mm PITCH ARE AVAILABLE

Same Article Available in Titanium

Article #	Length	Article #	Length
SIO-130	12 mm	SIO-154	36 mm
SIO-132	14 mm	SIO-156	38 mm
SIO-134	16 mm	SIO-158	40 mm
SIO-136	18 mm	SIO-160	42 mm
SIO-138	20 mm	SIO-162	44 mm
SIO-140	22 mm	SIO-164	46 mm
SIO-142	24 mm	SIO-166	48 mm
SIO-144	26 mm	SIO-168	50 mm
SIO-146	28 mm	SIO-170	55 mm
SIO-148	30 mm	SIO-172	60 mm
SIO-150	32 mm	SIO-174	65 mm
SIO-152	34 mm	SIO-176	70 mm



MALLEOLAR SCREW 4.5 mm

Same Article Available in Titanium

Article #	Length
SIO-178	25 mm
SIO-180	30 mm
SIO-182	35 mm
SIO-184	40 mm
SIO-186	45 mm
SIO-188	50 mm
SIO-190	55 mm
SIO-192	60 mm
SIO-194	65 mm
SIO-196	70 mm



CANCELLOUS SCREW 4.0 mm

Same Article Available in Titanium

Article #	Length	Article #	Length
SIO-198	14 mm	SIO-212	28 mm
SIO-200	16 mm	SIO-214	30 mm
SIO-202	18 mm	SIO-216	35 mm
SIO-204	20 mm	SIO-218	40 mm
SIO-206	22 mm	SIO-220	45 mm
SIO-208	24 mm	SIO-222	50 mm
SIO-210	26 mm	SIO-224	60 mm



CANCELLOUS SCREW 6.5 mm X 16 mm Thread

Same Article Available in Titanium

Article #	Length	Article #	Length
SIO-226	25 mm	SIO-244	70 mm
SIO-228	30 mm	SIO-246	75 mm
SIO-230	35 mm	SIO-248	80 mm
SIO-232	40 mm	SIO-250	85 mm
SIO-234	45 mm	SIO-252	90 mm
SIO-236	50 mm	SIO-254	95 mm
SIO-238	55 mm	SIO-256	100 mm
SIO-240	60 mm	SIO-258	105 mm
SIO-242	65 mm	SIO-260	110 mm



CANCELLOUS SCREW 6.5 mm X 32 mm Thread

Same Article Available in Titanium

Article #	Length	Article #	Length
SIO-262	45 mm	SIO-276	80 mm
SIO-264	50 mm	SIO-278	85 mm
SIO-266	55 mm	SIO-280	90 mm
SIO-268	60 mm	SIO-282	95 mm
SIO-270	65 mm	SIO-284	100 mm
SIO-272	70 mm	SIO-286	105 mm
SIO-274	75 mm	SIO-288	110 mm



CANCELLOUS SCREW 6.5 mm Full Thread

Same Article Available in Titanium

Article #	Length	Article #	Length
SIO-290	25 mm	SIO-310	75 mm
SIO-292	30 mm	SIO-312	80 mm
SIO-294	35 mm	SIO-314	85 mm
SIO-296	40 mm	SIO-316	90 mm
SIO-298	45 mm	SIO-318	95 mm
SIO-300	50 mm	SIO-320	100 mm
SIO-302	55 mm	SIO-322	105 mm
SIO-304	60 mm	SIO-324	110 mm
SIO-306	65 mm		
SIO-308	70 mm		



WASHERS FOR CANCELLOUS AND CORTICAL SCREW

Article # :SIO-326
Dia 40 mm
For Cancellous Screw



Article # :SIO-328
Dia 65 mm
For Cancellous Screw
& Canulated Screw



LAG SCREW

Same Article Available in Titanium

Article #	Length
SIO-330	50 mm
SIO-332	55 mm
SIO-334	60 mm
SIO-336	65 mm
SIO-338	70 mm
SIO-340	75 mm
SIO-342	80 mm
SIO-344	85 mm
SIO-346	90 mm
SIO-348	95 mm
SIO-350	100 mm
SIO-352	105 mm
SIO-354	110 mm



CANULATED SCREW 7.5 mm x 32 mm THREAD

Same Article Available in Titanium

Article #	Length
SIO-356	55 mm
SIO-358	60 mm
SIO-360	65 mm
SIO-362	70 mm
SIO-364	75 mm
SIO-366	80 mm
SIO-368	85 mm
SIO-370	90 mm
SIO-372	95 mm
SIO-374	100 mm
SIO-376	105 mm
SIO-378	110 mm



CANULATED SCREW 7.5 mm x 16 mm THREAD

Same Article Available in Titanium

Article #	Length
SIO-380	55 mm
SIO-382	60 mm
SIO-384	65 mm
SIO-386	70 mm
SIO-388	75 mm
SIO-390	80 mm
SIO-392	85 mm
SIO-394	90 mm
SIO-396	95 mm
SIO-398	100 mm
SIO-400	105 mm
SIO-402	110 mm



DHS PLATE 95°*Same Article Available in Titanium*

Article #	Holes	Length
SIO-404	4 hole	70 mm
SIO-406	5hole	85 mm
SIO-408	6 hole	100 mm
SIO-410	7 hole	115 mm
SIO-412	8 hole	130 mm
SIO-414	10 hole	163 mm
SIO-416	12 hole	198 mm
SIO-418	14 hole	225 mm
SIO-420	16 hole	252 mm

**JEWETT NAIL PLATE 120°***Same Article Available in Titanium*

Article #	Holes	Length	Article #	Holes	Length
SIO-422	4 hole	70 mm	SIO-452	6 hole	85 mm
SIO-424	4 hole	75 mm	SIO-454	6 hole	90 mm
SIO-426	4 hole	80 mm	SIO-456	6 hole	95 mm
SIO-428	4 hole	85 mm	SIO-458	8 hole	70 mm
SIO-430	4 hole	90 mm	SIO-460	8 hole	75 mm
SIO-432	4 hole	95 mm	SIO-462	8 hole	80 mm
SIO-434	5 hole	70 mm	SIO-464	8 hole	85 mm
SIO-436	5 hole	75 mm	SIO-466	8 hole	90 mm
SIO-438	5 hole	80 mm	SIO-468	8 hole	95 mm
SIO-440	5 hole	85 mm	SIO-470	10 hole	70 mm
SIO-442	5 hole	90 mm	SIO-472	10 hole	75 mm
SIO-444	5 hole	95 mm	SIO-474	10 hole	80 mm
SIO-446	6 hole	70 mm	SIO-476	10 hole	85 mm
SIO-448	6 hole	75 mm	SIO-478	10 hole	90 mm
SIO-450	6 hole	80 mm	SIO-480	10 hole	95 mm

**AUSTIN MOORE FORMAL HIP PROSTHESIS****NARROW STEM**

Article #	Length	Article #	Length
SIO-482	38 mm	SIO-502	48 mm
SIO-484	39 mm	SIO-504	49 mm
SIO-486	40 mm	SIO-506	50 mm
SIO-488	41 mm	SIO-508	51 mm
SIO-490	42 mm	SIO-510	52 mm
SIO-492	43 mm	SIO-512	53 mm
SIO-494	44 mm	SIO-514	54 mm
SIO-496	45 mm	SIO-516	55 mm
SIO-498	46 mm	SIO-518	56 mm
SIO-500	47 mm	SIO-520	57 mm

REGULAR STEM

Article #	Length	Article #	Length
SIO-522	38 mm	SIO-542	48 mm
SIO-524	39 mm	SIO-544	49 mm
SIO-526	40 mm	SIO-546	50 mm
SIO-528	41 mm	SIO-548	51 mm
SIO-530	42 mm	SIO-550	52 mm
SIO-532	43 mm	SIO-552	53 mm
SIO-534	44 mm	SIO-554	54 mm
SIO-536	45 mm	SIO-556	55 mm
SIO-538	46 mm	SIO-558	56 mm
SIO-540	47 mm	SIO-560	57 mm

DCP BROAD

Same Article Available in Titanium

Article #	Holes	Length
SIO-562	5 hole	87 mm
SIO-564	6 hole	103 mm
SIO-566	7 hole	119 mm
SIO-568	8 hole	135 mm
SIO-570	10 hole	167 mm
SIO-572	12 hole	199 mm
SIO-574	14 hole	231 mm
SIO-576	16 hole	263 mm



DCP NERROW

Same Article Available in Titanium

Article #	Holes	Length
SIO-578	4 hole	71 mm
SIO-580	5 hole	83 mm
SIO-582	6 hole	103 mm
SIO-584	7 hole	119 mm
SIO-586	9 hole	135 mm
SIO-588	10 hole	167 mm
SIO-590	12 hole	199 mm
SIO-592	14 hole	231 mm



DCP SMALL FREGMENT

Same Article Available in Titanium

Article #	Holes	Length
SIO-594	5 hole	61 mm
SIO-596	6 hole	73 mm
SIO-598	7 hole	85 mm
SIO-600	8 hole	97 mm
SIO-602	10 hole	121 mm
SIO-604	12 hole	145 mm
SIO-606	14 hole	157 mm



1/3 TUBULAR PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-608	3 hole	37 mm
SIO-610	4 hole	49 mm
SIO-612	5 hole	61 mm
SIO-614	6 hole	73 mm
SIO-616	7 hole	85 mm
SIO-618	8 hole	97 mm
SIO-620	9 hole	109 mm
SIO-622	10 hole	121 mm



SEMI TUBULAR PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-624	3 hole	55 mm
SIO-626	4 hole	71 mm
SIO-628	5 hole	87 mm
SIO-630	6 hole	103 mm
SIO-632	7 hole	119 mm
SIO-634	8 hole	135 mm
SIO-636	9 hole	151 mm
SIO-638	10 hole	167 mm
SIO-640	12 hole	199 mm



MICRO PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-642	4 hole	23 mm
SIO-644	5 hole	29 mm
SIO-646	6 hole	35 mm

DHS PLATE 135°

Same Article Available in Titanium

Article #	Holes	Length
SIO-648	4 hole	80 mm
SIO-650	5 hole	96 mm
SIO-652	6 hole	112 mm
SIO-654	8 hole	144 mm
SIO-656	10 hole	176 mm
SIO-658	12 hole	208 mm
SIO-660	14 hole	240 mm
SIO-662	16 hole	272 mm

Long Barrel



Short Barrel



135°
145°
150°

Long & Short Barrel are Available in all Degrees

CONDYLAR BLADE PLATE 95°

Same Article Available in Titanium

Article #	Holes	Length
SIO-664	5 hole	50 mm
SIO-666	5 hole	60 mm
SIO-668	5 hole	70 mm
SIO-670	5 hole	80 mm
SIO-672	7 hole	50 mm
SIO-674	7 hole	60 mm
SIO-676	7 hole	70 mm
SIO-678	7 hole	80 mm
SIO-680	9 hole	50 mm
SIO-682	9 hole	60 mm
SIO-684	9 hole	70 mm
SIO-686	9 hole	80 mm
SIO-688	12 hole	50 mm
SIO-690	12 hole	60 mm
SIO-692	12 hole	70 mm
SIO-694	12 hole	80 mm
SIO-696	14 hole	50 mm
SIO-698	14 hole	60 mm
SIO-700	14 hole	70 mm
SIO-702	14 hole	80 mm



CONDYLAR BLADE PLATE 130°

Same Article Available in Titanium

Article #	Holes	Length
SIO-704	5 hole	50 mm
SIO-706	5 hole	60 mm
SIO-708	5 hole	70 mm
SIO-710	5 hole	80 mm
SIO-712	7 hole	50 mm
SIO-714	7 hole	60 mm
SIO-716	7 hole	70 mm
SIO-718	7 hole	80 mm
SIO-720	9 hole	50 mm
SIO-722	9 hole	60 mm
SIO-724	9 hole	70 mm
SIO-726	9 hole	80 mm
SIO-728	12 hole	50 mm
SIO-730	12 hole	60 mm
SIO-732	12 hole	70 mm
SIO-734	12 hole	80 mm
SIO-736	14 hole	50 mm
SIO-738	14 hole	60 mm
SIO-740	14 hole	70 mm
SIO-742	14 hole	80 mm

CASPER PLATE & PEDICAL SCREW

Same Article Available in Titanium



Article #	Length
SIO-744	28 mm
SIO-746	30 mm
SIO-748	32 mm
SIO-750	37 mm
SIO-752	40 mm
SIO-754	43 mm
SIO-756	46 mm
SIO-758	48 mm
SIO-760	50 mm
SIO-762	54 mm
SIO-764	60 mm
SIO-766	66 mm
SIO-768	72 mm



PEDICAL SCREW

Same Article Available in Titanium

Article #	Length
SIO-770	30 mm
SIO-772	35 mm
SIO-774	40 mm
SIO-776	45 mm

SCHANZ SCREW

Same Article Available in Titanium

Article #	Size	Length
SIO-778	3.0 mm	90 to 150 mm
SIO-780	3.5 mm	90 to 150 mm
SIO-782	4.0 mm	90 to 150 mm
SIO-784	4.5 mm	90 to 150 mm
SIO-786	5.0 mm	90 to 150 mm

SCHANZ SCREW



RUSH NAIL

Same Article Available in Titanium

Article #	Size	Length
SIO-798	3.0 mm	90 to 150 mm
SIO-800	3.5 mm	90 to 150 mm
SIO-802	4.0 mm	90 to 150 mm
SIO-804	4.5 mm	90 to 150 mm
SIO-806	5.0 mm	90 to 150 mm

STEMIEN PIN

STEMIEN PIN

Same Article Available in Titanium

Article #	Size	Length
SIO-788	3.0 mm	90 to 150 mm
SIO-790	3.5 mm	90 to 150 mm
SIO-792	4.0 mm	90 to 150 mm
SIO-794	4.5 mm	90 to 150 mm
SIO-796	5.0 mm	90 to 150 mm

RUSH NAIL





SIO-808



SIO-810

LIMITED CONTACT DYNAMIC COMPRESSION PLATE (LC-DCP) FOR 4.5 mm SCREW (BROAD)

Fixation with 4.5 & 6.5 mm 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)

Thickness: 6 mm, width: 17.5 mm, Hole Spacing: 18 mm

RECONSTRUCTION PLATES 4.5 mm Straight

Do not bend more than 15° Fixation with 4.5 & 2.7 , 3.5 , 2 mm are also Available

Same Article Available in Titanium

SIO-812 2.0 mm



SIO-814 2.7 mm



SIO-816 3.5 mm



SIO-818 4.5 mm



K-NAIL

SIO-820 to SIO-874 A



SIO-820 to SIO-874 B

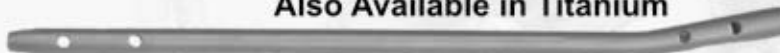


SIO-820 to SIO-874 C



INTERLOCKING NAIL Also Available in Titanium

SIO-820 to SIO-874 D



SIO-820 to SIO-874 E



Article #	Dia	Length	Article #	Dia	Length	Article #	Dia	Length
SIO-820	9 mm	34 cm	SIO-844	10 mm	44 cm	SIO-868	12 mm	40 cm
SIO-822	9 mm	36 cm	SIO-846	10 mm	46 cm	SIO-870	12 mm	42 cm
SIO-824	9 mm	38 cm	SIO-848	11 mm	34 cm	SIO-872	12 mm	44 cm
SIO-826	9 mm	40 cm	SIO-850	11 mm	36 cm	SIO-874	12 mm	46 cm
SIO-828	9 mm	42 cm	SIO-852	11 mm	38 cm			
SIO-830	9 mm	44 cm	SIO-854	11 mm	40 cm			
SIO-832	9 mm	46 cm	SIO-856	11 mm	42 cm			
SIO-834	10 mm	34 cm	SIO-858	11 mm	44 cm			
SIO-836	10 mm	36 cm	SIO-860	11 mm	46 cm			
SIO-838	10 mm	38 cm	SIO-862	12 mm	34 cm			
SIO-840	10 mm	40 cm	SIO-864	12 mm	36 cm			
SIO-842	10 mm	42 cm	SIO-866	12 mm	38 cm			

SMALL T PLATE 3 HOLE HEAD

Same Article Available in Titanium

Article #	Holes	Length
SIO-876	3 hole	44 mm
SIO-878	4 hole	56 mm
SIO-880	5 hole	68 mm
SIO-882	6 hole	80 mm



SMALL T PLATE 4 HOLE HEAD

Same Article Available in Titanium

Article #	Holes	Length
SIO-884	3 hole	44 mm
SIO-886	4 hole	56 mm
SIO-888	5 hole	68 mm
SIO-890	6 hole	80 mm



T BUTTRESS PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-892	3 hole	81 mm
SIO-894	4 hole	98 mm
SIO-896	5 hole	115 mm
SIO-898	6 hole	132 mm
SIO-900	7 hole	149 mm
SIO-902	8 hole	166 mm
SIO-904	10 hole	200 mm



T STANDARD PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-906	3 hole	81 mm
SIO-908	4 hole	98 mm
SIO-910	5 hole	115 mm
SIO-912	6 hole	132 mm
SIO-914	7 hole	149 mm
SIO-916	8 hole	166 mm
SIO-918	10 hole	200 mm





CLOVERLEAF PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-920	3 hole	88 mm
SIO-922	4 hole	104 mm
SIO-924	5 hole	120 mm
SIO-926	6 hole	136 mm

SPOIN PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-928	5 hole	100 mm
SIO-930	6 hole	120 mm



COBRA HEAD PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-932	7 hole	157 mm
SIO-934	8 hole	170 mm
SIO-936	9 hole	186 mm
SIO-938	10 hole	202 mm
SIO-940	11 hole	218 mm
SIO-942	12 hole	234 mm



PLATES FOR DISTAL FEMUR LATERAL

For Use with 4.5 mm Screws

Condylar Buttress Plates

Primary Indication: As a buttress for femoral condyles with multiple fragments (Left and Right Plates)

Same Article Available in Titanium

Article #	Length	Holes in shaft
SIO-944	158 mm	7 Right
SIO-946	158 mm	7 Left
SIO-948	190 mm	9 Right
SIO-950	190 mm	9 Left
SIO-952	221 mm	11 Right
SIO-954	221 mm	11 Left
SIO-956	253 mm	13 Right
SIO-958	253 mm	13 Left
SIO-960	285 mm	15 Right
SIO-962	285 mm	15 Left





SMALL BUTTRESS PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-964	4 hole	54 mm
SIO-966	5 hole	66 mm
SIO-968	6 hole	78 mm
SIO-970	4 hole	54 mm
SIO-972	5 hole	66 mm
SIO-974	6 hole	78 mm



Y PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-976	3 hole	77 mm
SIO-978	5 hole	106 mm
SIO-980	3 hole	77 mm
SIO-982	5 hole	106 mm



SMALL T PLATE OBLIQUE ANGLE 3 HOLE HEAD

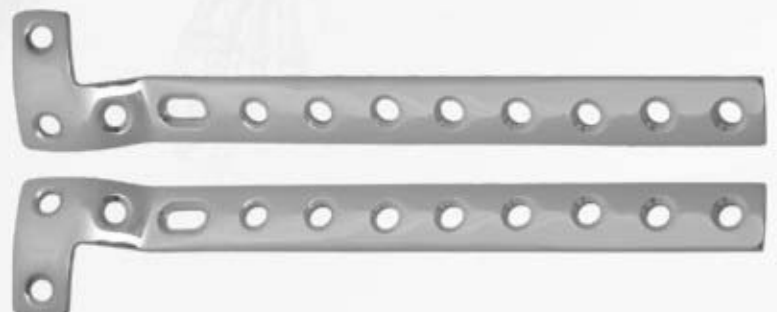
Same Article Available in Titanium

Article #	Holes	Length
SIO-984	3 hole	52 mm
SIO-986	4 hole	63mm
SIO-988	5 hole	74mm

L BUTTRESS PLATE

Same Article Available in Titanium

Article #	Holes	Length
SIO-990	4 hole	84 mm
SIO-992	5 hole	101 mm
SIO-994	6 hole	117 mm
SIO-996	4 hole	84 mm
SIO-998	5 hole	101 mm
SIO-1000	6 hole	117 mm





SIO-1001
Lexer



SIO-1002
Lexer



SIO-1003
Lexer



SIO-1004
Screw Driver



SIO-1005
Screw Driver



SIO-1006
Screw Driver



SIO-1007



SIO-1008
Handle with Quick
Coupling



SIO-1009
Screw Driver



SIO-1010



SIO-1011



SIO-1012
Mallets



Mini-Hohmann
16 cm/6 1/4"



SIO-1013
6 mm



Lowman
SIO-1014-18 18 cm/7"
SIO-1014-20 20 cm/8"
SIO-1014-22 22 cm/8 3/4"



Gerster
SIO-1015-18
SIO-1015-50



Satterlee
SIO-1016-31
31 cm/12 1/4"



SIO-1017-18 18 cm/7"
SIO-1017-20 20 cm/8"



SIO-1018-18
18 cm/7"



SIO-1020
Small Wire Cutter
16 cm Long

2.0 mm
1.7 mm



SIO-1021-47 47 cm/18 1/2"
SIO-1021-57 57 cm/22 1/2"



SIO-1022
Wire Cutter Large
Version 22 cm Long



SIO-1023
Flate Nose Parallel Plier
16 cm Long



SIO-1024
Vice Grip Self Locking
18 cm Long



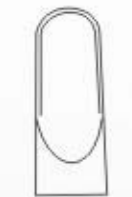
SIO-1025
Wire Bending Plier
15.5 cm Long



Cleveland
SIO-1026-14 14 cm/5 1/2"
SIO-1026-17 17 cm/6 3/4"



Stille-Luer
22 cm/8 3/4"



SIO-1027-22



SIO-1028-22



Neff
SIO-1029-21
21cm/8 1/4"



Van Buren
SIO-1030-23
23 cm/9"



SIO-1031
Lane Bone Holding Forcep
Ranges: 33,45 cm



SIO-1032
Bone Holding Forceps



Ulrich
SIO-1033-18 18 cm/7"
SIO-1033-23 23 cm/9"
SIO-1033-25 25 cm/10"
SIO-1033-28 28 cm/11"



SIO-1034
Colclough Forceps
Ranges : 27 cm up



SIO-1035
Reduction Forceps
with Points



SIO-1036
Reduction Forceps
with Points



Verbrugge
SIO-1037-17 17.5 cm/7"



SIO-1038
Double Drill Guide
4.5 / 3.2

SIO-1039
Double Drill Guide
6.5 / 3.2

SIO-1040
Universal Drill Guide
4.5 / 3.2



SIO-1041
Drill & Tap Sleeve
4.5 mm

SIO-1042
Drill Sleeve
4.5 mm

SIO-1043
Drill & Tap Sleeve
6.5 mm



SIO-1044
Holding Sleeve for Screws, for TCP 4.5 / 5.0



SIO-1045
Screwdriver Hexagonal Large, Ø 3.5 mm



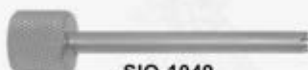
SIO-1046
Pointed Drill Guide



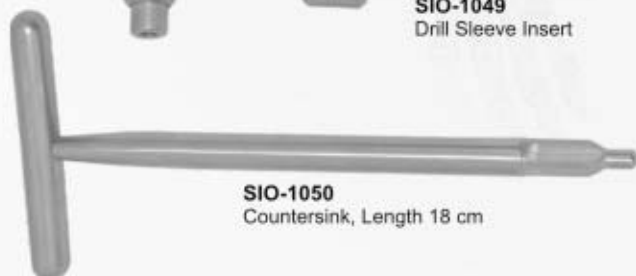
SIO-1047
T-Handle with Quick Coupling



SIO-1048
Drill Sleeve 5.0, for Drill Bits Ø 4.3 mm



SIO-1049
Drill Sleeve Insert



SIO-1050
Countersink, Length 18 cm



SIO-1051
Sharp Hook



SIO-1052
Drill Bit Ø 4.5 mm



SIO-1053
Drill Bit Ø 3.2 mm



SIO-1054
Tap for Cortex Screw Ø 4.5 mm



SIO-1055
Screwdriver Shaft hexagonal Ø 3.5 mm



SIO-1056
Depth Gauge for Screw Ø 4.5 to 6.5 mm



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