TISS® IMPLANT

BRAND PROFILE

There have double "S" in our brand name, it means that we **supply** the best implant system to **support** you to being **successful**.

TISS Dental Implant System is an excellent solution for patients, dentists and dental technicians. TISS Dental Implant system supplies the best implant design and the completed replacement in this system. All of the products in the TISS dental implant system are made by using biocompatible materials . And we are achieving excellent manufacturing quality and consistent quality control of our products.

LET OUR SUCCESS TO SUPPORT YOU TO MAKE YOU SUCCESSFUL !!!

Jim

GENERAL MANAGER
JIM

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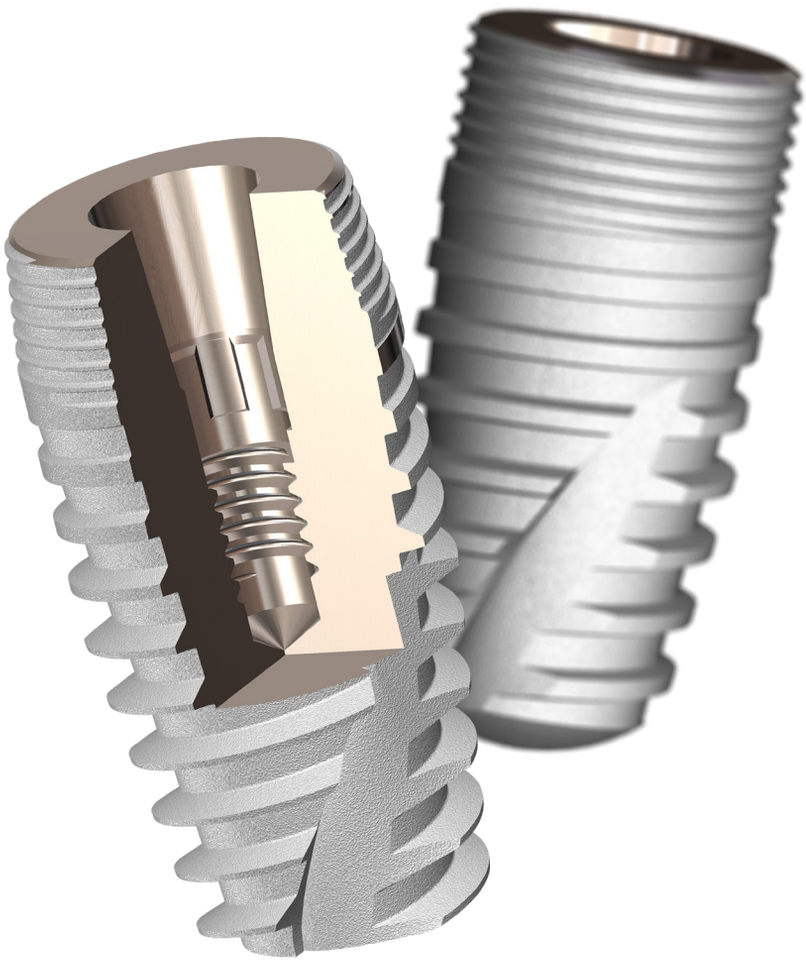
www.huangliangbiomed.com

CONTENTS

IMPLANT DESIGN

The best stability and extraordinary dental art
High bio-compatibility medical using Grade 4 pure titanium.



1 PLATFORM SWITCH DESIGN
Effectively keep gingival height,and reduce bone atrophy.

2 MICRO-THREAD DESIGN & BACK-TAPERED CORONAL DESIGN
Tri-thread design remain the same height of cortical bone for reducing the stress centralized.

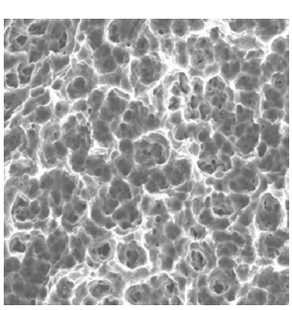
Also provides optimal soft tissue support and maximum alveolar one volume.

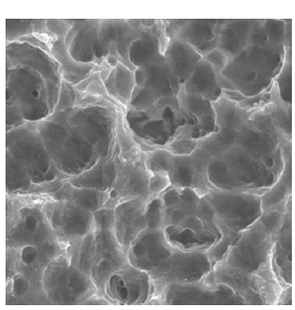
3 CYLINDRICAL THREAD DESIGN
Cylindrical gradual thread has high steady at initial stage.

4 MORSE TAPER 5.7
Forsake hexagon fixed design, to enhance the contacted area of abutment and implant to improve the effective of machine locking.

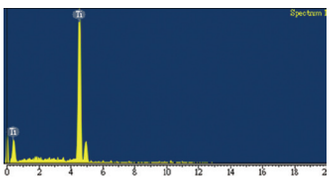
5 SELF-CUTTING GROOVES DESIGN & ADJUSTABLE IMPLANT ORIENTATION
Backward thread groove design improve implant self-cutting and implant anti-rotated after osseointegration.Reverse-cutting flutes enable to adjust the implant position for optimal orientation.

SLA SURFACE TREATMENT





The tiny structure of SLA surface treatment is very suitable for combination with osteoblast.



Element	Weight%	Atomic%
Ti K	100.00	100.00
Totals	100.00	

Seeing the analysis of composition by EDS,no any metal remained on surface after treatment by sla process.

Fatigue test

% of compression bending strength	Max. axial load (N)	Max. moment (N-mm)	No. of sample	Result (cycles)
50%	285	1569	1	Failure (120,237)
45%	257	1412	1	Failure (347,914)
40%	228	1255	1	Surviving (5,000,000)
			2	Surviving (5,000,000)
35%	200	1098	1	Surviving (5,000,000)

Fatigue strength at 5×10^6 cycles : 1255 N-mm

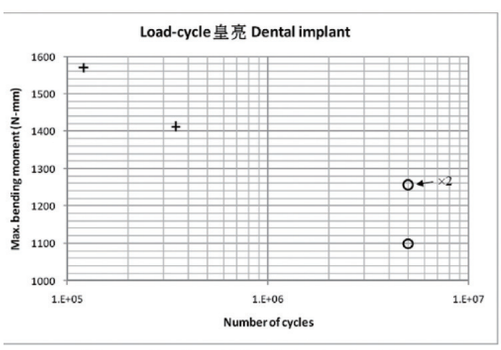
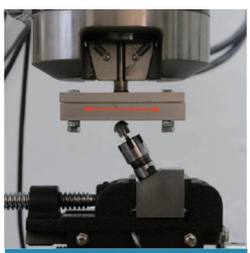


Diagram of Loading of fatigue test and cycle relation.



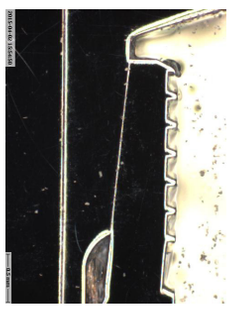
Instrument of fatigue test

Tiss implant can still show it's good strength of mechanism after doing 5 million times of fatigue test.

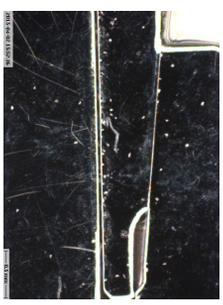
Tiss artificial implant system integrate all advantage of implant in market at present, also enhance defects,become a perfect brand name of artificial implant system, and certificated by fda and ce.

DIAGRAM OF INSPECTION

30 times enlarged picture of cross-section view, the combination by front part of esthetic abutment and implant (balance abutment ; 15 degrees)



50 times enlarged picture of cross-section view, the combination by front part of esthetic abutment and implant (balance abutment ; 15 degrees)



100 times enlarged picture of cross-section view, the combination by front part of esthetic abutment and implant
(balance abutment ; 15 degrees)

TISS FIXTURE

ORDER NO	SPECIFICATIONS
H 8101 8405	D 3.0 L 8.0 mm
H 8101 8408	D 3.0 L 9.5 mm
H 8101 8410	D 3.0 L 11 mm
H 8101 8415	D 3.0 L 12.5 mm
H 8101 8420	D 3.0 L 14 mm

ORDER NO	SPECIFICATIONS
H 8101 0405	D 3.5 L 8.0 mm
H 8101 0408	D 3.5 L 9.5 mm
H 8101 0410	D 3.5 L 11 mm
H 8101 0415	D 3.5 L 12.5 mm
H 8101 0420	D 3.5 L 14 mm

ORDER NO	SPECIFICATIONS
H 8101 8425	D 4.0 L 8.0 mm
H 8101 8428	D 4.0 L 9.5 mm
H 8101 8430	D 4.0 L 11 mm
H 8101 8435	D 4.0 L 12.5 mm
H 8101 8440	D 4.0 L 14 mm

ORDER NO	SPECIFICATIONS
H 8101 0425	D 4.5 L 8.0 mm
H 8101 0428	D 4.5 L 9.5 mm
H 8101 0430	D 4.5 L 11 mm
H 8101 0435	D 4.5 L 12.5 mm
H 8101 0440	D 4.5 L 14 mm

ORDER NO	SPECIFICATIONS
H 8101 0453	D 5.5 L 8.0 mm
H 8101 0455	D 5.5 L 9.5 mm
H 8101 0458	D 5.5 L 11 mm
H 8101 0459	D 5.5 L 12.5 mm
H 8101 0460	D 5.5 L 14 mm

ORDER NO	SPECIFICATIONS
H 3101 8405	D 3.0 L 8.0 mm
H 3101 8408	D 3.0 L 9.5 mm
H 3101 8410	D 3.0 L 11 mm
H 3101 8415	D 3.0 L 12.5 mm
H 3101 8420	D 3.0 L 14 mm

ORDER NO	SPECIFICATIONS
H 3101 0405	D 3.5 L 8.0 mm
H 3101 0408	D 3.5 L 9.5 mm
H 3101 0410	D 3.5 L 11 mm
H 3101 0415	D 3.5 L 12.5 mm
H 3101 0420	D 3.5 L 14 mm

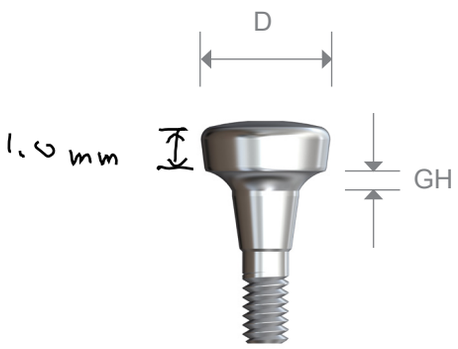
ORDER NO	SPECIFICATIONS
H 3101 8425	D 4.0 L 8.0 mm
H 3101 8428	D 4.0 L 9.5 mm
H 3101 8430	D 4.0 L 11 mm
H 3101 8435	D 4.0 L 12.5 mm
H 3101 8440	D 4.0 L 14 mm

ORDER NO	SPECIFICATIONS
H 3101 0425	D 4.5 L 8.0 mm
H 3101 0428	D 4.5 L 9.5 mm
H 3101 0430	D 4.5 L 11 mm
H 3101 0435	D 4.5 L 12.5 mm
H 3101 0440	D 4.5 L 14 mm

ORDER NO	SPECIFICATIONS
H 3101 0453	D 5.5 L 8.0 mm
H 3101 0455	D 5.5 L 9.5 mm
H 3101 0458	D 5.5 L 11 mm
H 3101 0459	D 5.5 L 12.5 mm
H 3101 0460	D 5.5 L 14 mm

S TYPE ABUTMENT

HEALING ABUTMENT



Diameter (D)

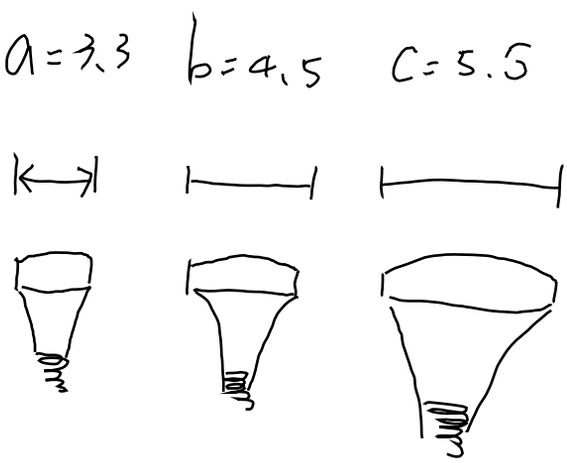
a = 3.3

b = 4.5

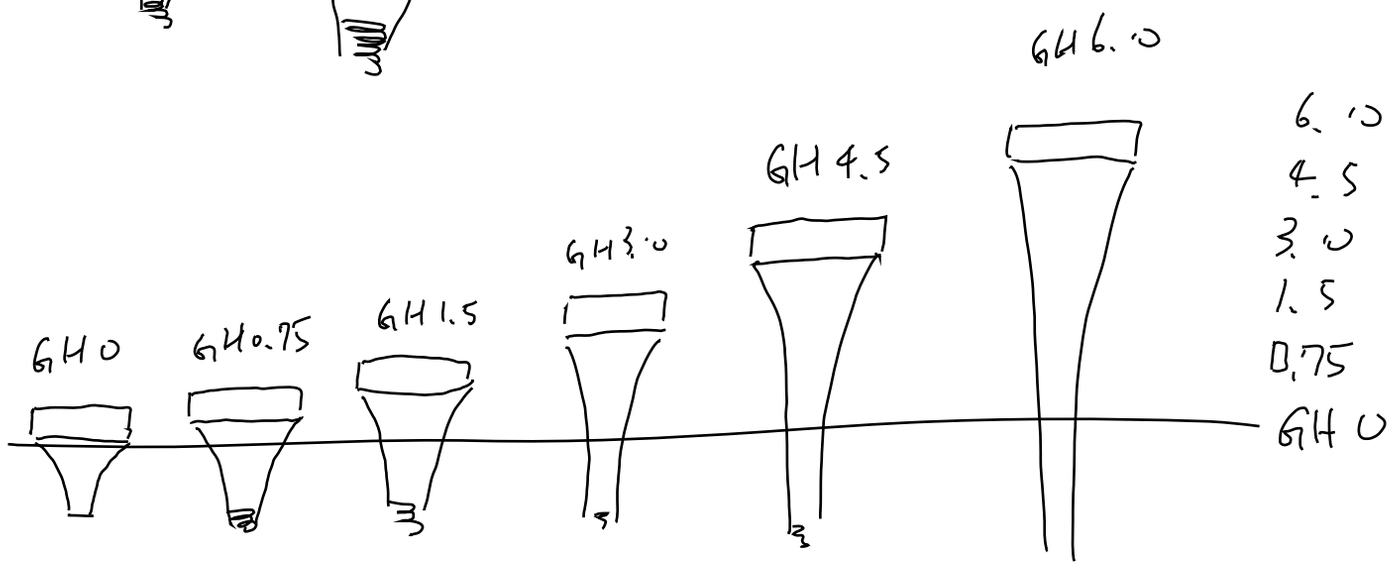
c = 5.5

ORDER NO	SPECIFICATIONS
H 3202 1011	a 3.3 GH 0.0 mm
H 3302 1011	a 3.3 GH 0.75 mm
H 3102 1011	a 3.3 GH 1.5 mm
H 3102 1021	a 3.3 GH 3.0 mm
H 3102 1026	a 3.3 GH 4.5 mm
H 3102 1028	a 3.3 GH 6.0 mm

ORDER NO	SPECIFICATIONS
H 3202 1031	b 4.5 GH 0.0 mm
H 3302 1031	b 4.5 GH 0.75 mm
H 3402 1031	b 4.5 GH 1.0 mm
H 3102 1031	b 4.5 GH 1.5 mm
H 3502 1031	b 4.5 GH 2.0 mm
H 3102 1041	b 4.5 GH 3.0 mm
H 3102 1046	b 4.5 GH 4.5 mm
H 3102 1048	b 4.5 GH 6.0 mm

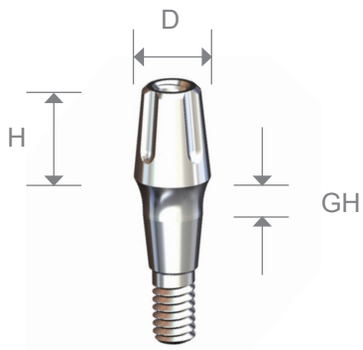


ORDER NO	SPECIFICATIONS
H 4202 1011	c 5.5 GH 0.0 mm
H 4302 1011	c 5.5 GH 0.75 mm
H 4102 1011	c 5.5 GH 1.5 mm
H 4102 1021	c 5.5 GH 3.0 mm
H 4102 1026	c 5.5 GH 4.5 mm
H 4102 1028	c 5.5 GH 6.0 mm



S TYPE ABUTMENT

IMPLANT ABUTMENT



Head heights(H)

Diameter (D)

a = 3.3

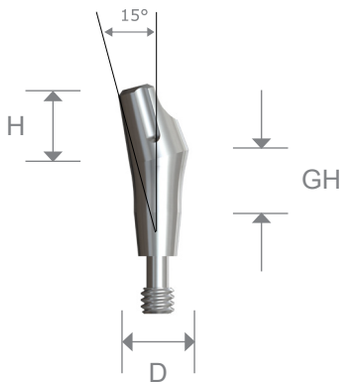
b = 4.5

c = 5.5

ORDER NO	SPECIFICATIONS
H 3202 1050	a 3.3 / GH 0.0 / H 4.0 mm
H 3202 1060	a 3.3 / GH 0.0 / H 6.0 mm
H 3302 1050	a 3.3 / GH 0.75 / H 4.0 mm
H 3302 1060	a 3.3 / GH 0.75 / H 6.0 mm
H 3402 1060	a 3.3 / GH 1.0 / H 6.0 mm
H 3102 1050	a 3.3 / GH 1.5 / H 4.0 mm
H 3102 1060	a 3.3 / GH 1.5 / H 6.0 mm
H 3102 1070	a 3.3 / GH 3.0 / H 4.0 mm
H 3102 1080	a 3.3 / GH 3.0 / H 6.0 mm
H 3102 1076	a 3.3 / GH 4.5 / H 4.0 mm
H 3102 1086	a 3.3 / GH 4.5 / H 6.0 mm
H 3102 1078	a 3.3 / GH 6.0 / H 4.0 mm
H 3602 1060	a 3.3 / GH 6.0 / H 6.0 mm
H 3202 1090	b 4.5 / GH 0.0 / H 4.0 mm
H 3202 1100	b 4.5 / GH 0.0 / H 6.0 mm
H 3302 1090	b 4.5 / GH 0.75 / H 4.0 mm
H 3302 1100	b 4.5 / GH 0.75 / H 6.0 mm
H 3402 1090	b 4.5 / GH 1.0 / H 4.0 mm
H 3102 1091	b 4.5 / GH 1.0 / H 6.0 mm
H 3102 1090	b 4.5 / GH 1.5 / H 4.0 mm
H 3102 1100	b 4.5 / GH 1.5 / H 6.0 mm
H 3502 1090	b 4.5 / GH 2.0 / H 4.0 mm
H 3102 1092	b 4.5 / GH 2.0 / H 6.0 mm
H 3102 1110	b 4.5 / GH 3.0 / H 4.0 mm
H 3102 1120	b 4.5 / GH 3.0 / H 6.0 mm
H 3102 1116	b 4.5 / GH 4.5 / H 4.0 mm
H 3102 1126	b 4.5 / GH 4.5 / H 6.0 mm
H 3602 1090	b 4.5 / GH 6.0 / H 4.0 mm
H 3102 1128	b 4.5 / GH 6.0 / H 6.0 mm
H 4202 1050	c 5.5 / GH 0.0 / H 4.0 mm
H 4202 1060	c 5.5 / GH 0.0 / H 6.0 mm
H 4302 1050	c 5.5 / GH 0.75 / H 4.0 mm
H 4302 1060	c 5.5 / GH 0.75 / H 6.0 mm
H 4402 1060	c 5.5 / GH 1.0 / H 6.0 mm
H 4102 1050	c 5.5 / GH 1.5 / H 4.0 mm
H 4102 1060	c 5.5 / GH 1.5 / H 6.0 mm
H 4102 1070	c 5.5 / GH 3.0 / H 4.0 mm
H 4102 1080	c 5.5 / GH 3.0 / H 6.0 mm
H 4102 1076	c 5.5 / GH 4.5 / H 4.0 mm
H 4102 1086	c 5.5 / GH 4.5 / H 6.0 mm
H 4602 1050	c 5.5 / GH 6.0 / H 4.0 mm
H 4602 1060	c 5.5 / GH 6.0 / H 6.0 mm

S TYPE ABUTMENT

ANGLED ABUTMENT



ORDER NO	SPECIFICATIONS
H 3102 1130	a 3.3 / GH 1.5 / H 4.0 / 15 °
H 3102 1140	a 3.3 / GH 1.5 / H 6.0 / 15 °
H 3102 1150	a 3.3 / GH 3.0 / H 4.0 / 15 °
H 3102 1160	a 3.3 / GH 3.0 / H 6.0 / 15 °
H 3102 1170	b 4.5 / GH 1.5 / H 4.0 / 15 °
H 3102 1180	b 4.5 / GH 1.5 / H 6.0 / 15 °
H 3102 1190	b 4.5 / GH 3.0 / H 4.0 / 15 °
H 3102 1200	b 4.5 / GH 3.0 / H 6.0 / 15 °

Head heights(H)

Diameter (D)

a = 3.3

b = 4.5

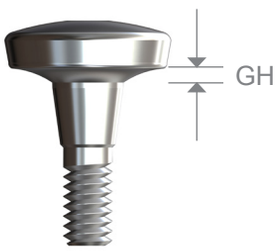
c = 5.5

ORDER NO	SPECIFICATIONS
H 9102 1130	a 3.3 / GH 1.5 / H 4.0 / 25 °
H 9102 1140	a 3.3 / GH 1.5 / H 6.0 / 25 °
H 9102 1150	a 3.3 / GH 3.0 / H 4.0 / 25 °
H 9102 1160	a 3.3 / GH 3.0 / H 6.0 / 25 °
H 9102 1170	b 4.5 / GH 1.5 / H 4.0 / 25 °
H 9102 1180	b 4.5 / GH 1.5 / H 6.0 / 25 °
H 9102 1190	b 4.5 / GH 3.0 / H 4.0 / 25 °
H 9102 1200	b 4.5 / GH 3.0 / H 6.0 / 25 °

ORDER NO	SPECIFICATIONS
H 3105 6021	OCCLUSAL HEXAGON M 1.6mm

R TYPE ABUTMENT

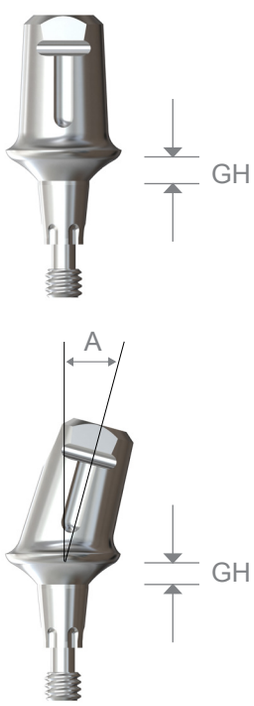
HEALING ABUTMENT



ORDER NO	SPECIFICATIONS
H3102 4010	GH 0.75
H3102 4012	GH 1.5
H3102 4014	GH 3.0
H3102 4016	GH 4.5

R TYPE ABUTMENT

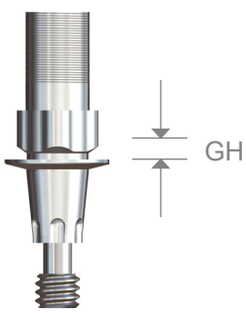
IMPLANT ABUTMENT



ORDER NO	SPECIFICATIONS
H 3102 4110	GH 0.75 / A 0
H 3102 4120	GH 1.5 / A 0
H 3102 4130	GH 3.0 / A 0
H 3102 4140	GH 4.5 / A 0
H 3102 4112	GH 0.75 / A 15
H 3102 4122	GH 1.5 / A 15
H 3102 4132	GH 3.0 / A 15
H 3102 4142	GH 4.5 / A 15
H 3102 4119	GH 0.75 / A 25
H 3102 4129	GH 1.5 / A 25
H 3102 4139	GH 3.0 / A 25
H 3102 4149	GH 4.5 / A 25

TI-BASE / UCLA / OVERDENTURE

ORDER NO	SPECIFICATIONS
H 9003 0008	C / UCLA ABUTMENT

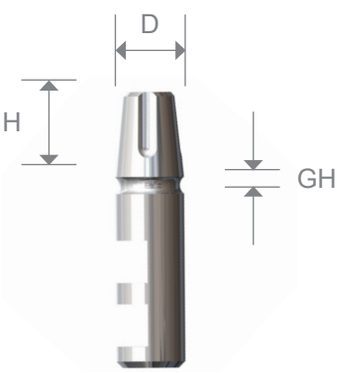


ORDER NO	SPECIFICATIONS
H 5102 4382	/ X

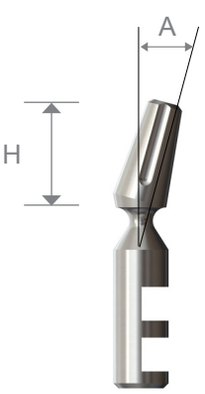
ORDER NO	SPECIFICATIONS
H 9102 1300	MAGNETIC OVERDENTURE a 3.3 / 1.5

ANALOG

ORDER NO	SPECIFICATIONS
H 3104 7011	FOR Ø 3.5 - IMPLANTS
H 9002 0120	FOR Ø 4.0 - IMPLANTS
H 3104 7012	FOR Ø 4.5 - IMPLANTS
H 3104 7013	FOR Ø 5.5 - IMPLANTS



ORDER NO	SPECIFICATIONS
H 3104 5140	a 3.3 / GH 1.5 / H 4.0 AND a 3.3 / GH 3.0 / H 4.0 mm
H 3104 5150	a 3.3 / GH 1.5 / H 6.0 AND a 3.3 / GH 3.0 / H 6.0 mm
H 3104 5160	b 4.5 / GH 1.5 / H 4.0 AND b 4.5 / GH 3.0 / H 4.0 mm
H 3104 5170	b 4.5 / GH 1.5 / H 6.0 AND b 4.5 / GH 3.0 / H 6.0 mm
H 9003 0005	c 5.5 / GH 1.5 / H 4.0 AND c 5.5 / GH 3.0 / H 4.0 mm
H 9003 0006	c 5.5 / GH 1.5 / H 6.0 AND c 5.5 / GH 3.0 / H 6.0 mm



Head heights(H)

Diameter (D)

a = 3.3

b = 4.5

c = 5.5

ORDER NO	SPECIFICATIONS
H 3104 5142	a 3.3 / GH 1.5 / H 4.0 AND a 3.3 / GH 3.0 / H 4.0 15 °
H 3104 5152	a 3.3 / GH 1.5 / H 6.0 AND a 3.3 / GH 3.0 / H 6.0 15 °
H 3104 5162	b 4.5 / GH 1.5 / H 4.0 AND b 4.5 / GH 3.0 / H 4.0 15 °
H 3104 5172	b 4.5 / GH 1.5 / H 6.0 AND b 4.5 / GH 3.0 / H 6.0 15 °
H 9104 5142	a 3.3 / GH 1.5 / H 4.0 AND a 3.3 / GH 3.0 / H 4.0 25 °
H 9104 5152	a 3.3 / GH 1.5 / H 6.0 AND a 3.3 / GH 3.0 / H 6.0 25 °
H 9104 5162	b 4.5 / GH 1.5 / H 4.0 AND b 4.5 / GH 3.0 / H 4.0 25 °
H 9104 5172	b 4.5 / GH 1.5 / H 6.0 AND b 4.5 / GH 3.0 / H 6.0 25 °

IMPRESSION

ORDER NO	SPECIFICATIONS
H 3104 7040	PICK UP TECHNIQUE - SHORT
H 3104 7060	PICK UP TECHNIQUE - LONG

ORDER NO	SPECIFICATIONS
H 3104 7044	REPOSITIONING TECHNIQUE - SHORT
H 3104 7046	REPOSITIONING TECHNIQUE - LONG

ORDER NO	SPECIFICATIONS
H 3104 5415	REPOSITIONING POST
H 3104 5416	REPOSITIONING POST - NARROW

ORDER NO	SPECIFICATIONS
H 3104 5280	D 2.2
H 3104 5290	D 3.5

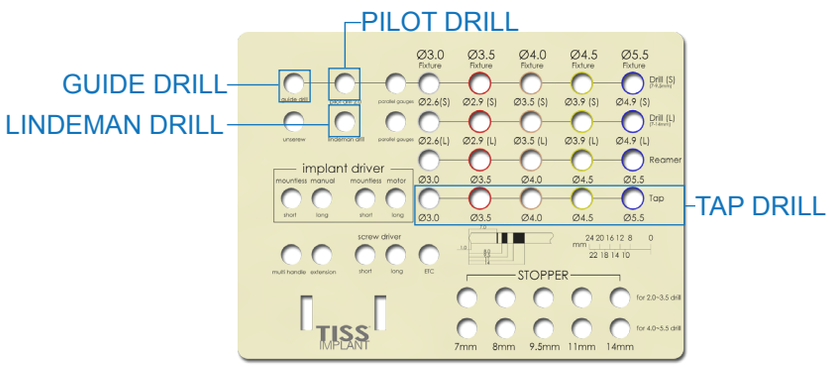
ORDER NO	SPECIFICATIONS
H 3104 5011	a 3.3 / GH 1.5 / H 4.0 AND a 3.3 / GH 3.0 / H 4.0
H 3104 5021	a 3.3 / GH 1.5 / H 6.0 AND a 3.3 / GH 3.0 / H 6.0
H 3104 5031	b 4.5 / GH 1.5 / H 4.0 AND b 4.5 / GH 3.0 / H 4.0
H 3104 5041	b 4.5 / GH 1.5 / H 6.0 AND b 4.5 / GH 3.0 / H 6.0
H 4104 5011	c 5.5 / GH 1.5 / H 4.0 AND c 5.5 / GH 3.0 / H 4.0
H 4104 5021	c 5.5 / GH 1.5 / H 6.0 AND c 5.5 / GH 3.0 / H 6.0

SURGICAL INSTRUMENT FOR

TISS

SURGICAL INSTRUMENT

SURGICAL INSTRUMENT FOR TISS

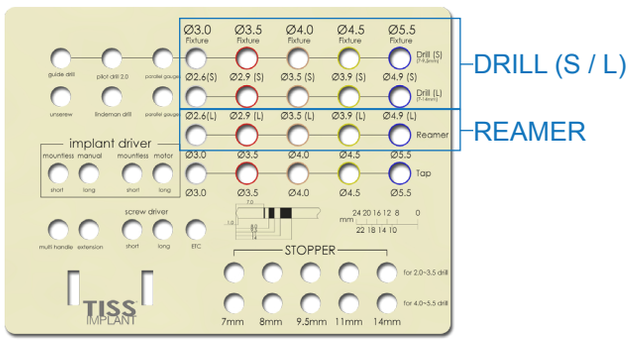


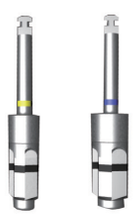
ORDER NO	SPECIFICATIONS
H 6101 1010	GUIDE DRILL D 2.0 / 30 mm

ORDER NO	SPECIFICATIONS
H 1101 1020	LINDEMAN DRILL D 2.6 / 23 mm

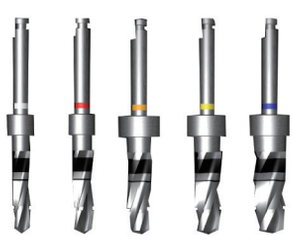
ORDER NO	SPECIFICATIONS
H 6101 1030	PILOT DRILL D 2.0 / 35 mm

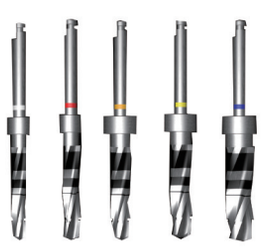
ORDER NO	SPECIFICATIONS
H 3103 3255	TAP DRILL D 3.0 mm
H 6103 3260	TAP DRILL D 3.5 mm
H 6103 3265	TAP DRILL D 4.0 mm
H 6103 3270	TAP DRILL D 4.5 mm
H 6103 3280	TAP DRILL D 5.5 mm





ORDER NO	SPECIFICATIONS
H 6101 0027	REAMER D 3.0 / L 27.4 mm
H 6101 0028	REAMER D 3.5 / L 27.4 mm
H 6101 0030	REAMER D 4.0 / L 27.4 mm
H 6101 0032	REAMER D 4.5 / L 27.4 mm
H 6101 0034	REAMER D 5.5 / L 27.4 mm

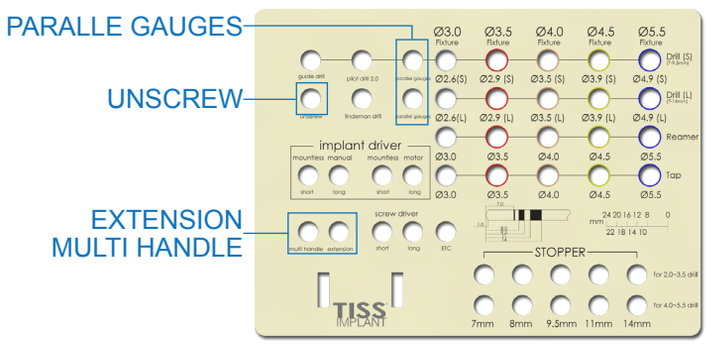


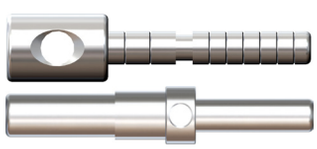


ORDER NO	SPECIFICATIONS
H 6101 0008	TWIST DRILL D 2.6 / L 28.2 mm
H 6101 0010	TWIST DRILL D 2.6 / L 36 mm
H 6101 0012	TWIST DRILL D 2.9 / L 28.2 mm
H 6101 0014	TWIST DRILL D 2.9 / L 36 mm
H 6101 0016	TWIST DRILL D 3.5 / L 28.2 mm
H 6101 0018	TWIST DRILL D 3.5 / L 36 mm
H 6101 0020	TWIST DRILL D 3.9 / L 28.2 mm
H 6101 0022	TWIST DRILL D 3.9 / L 36 mm
H 6101 0024	TWIST DRILL D 4.9 / L 28.2 mm
H 6101 0026	TWIST DRILL D 4.9 / L 36 mm

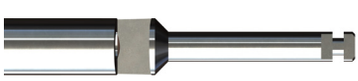
SURGICAL INSTRUMENT

SURGICAL INSTRUMENT FOR TISS

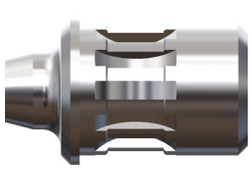




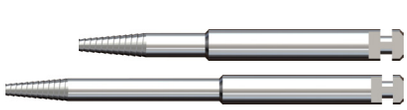
ORDER NO	SPECIFICATIONS
H 3103 3026	PARALLE GAUGES
H 6103 3026	PARALLE GAUGES



ORDER NO	SPECIFICATIONS
H 6001 0001	EXTENSION



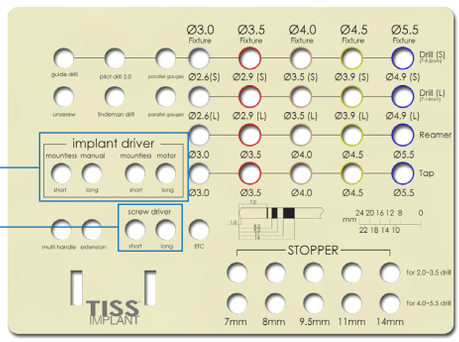
ORDER NO	SPECIFICATIONS
H 6103 3070	MULTI HANDLE



ORDER NO	SPECIFICATIONS
H 3103 3434	UNSCREW SHORT
H 3103 3435	UNSCREW LONG

MOUNTLESS MANUAL
MOUNTLESS MOTOR

SCREW DRIVER



ORDER NO	SPECIFICATIONS
H 3103 7531	MOUNTLESS MANUAL SHORT
H 3103 7532	MOUNTLESS MANUAL MIDDLE
H 3103 7533	MOUNTLESS MANUAL LONG

ORDER NO	SPECIFICATIONS
H 3103 7541	MOUNTLESS MOTOR SHORT
H 3103 7542	MOUNTLESS MOTOR MIDDLE
H 3103 7543	MOUNTLESS MOTOR LONG

ORDER NO	SPECIFICATIONS
H 3103 3455	SCREW DRIVER SHORT
H 3103 3456	SCREW DRIVER MIDDLE
H 3103 3457	SCREW DRIVER LONG

SURGICAL INSTRUMENT

SURGICAL INSTRUMENT FOR TISS

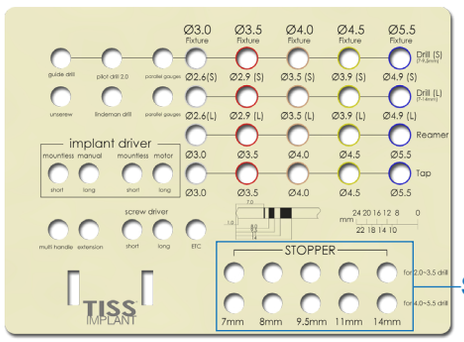
Head heights(H)

Diameter (D)

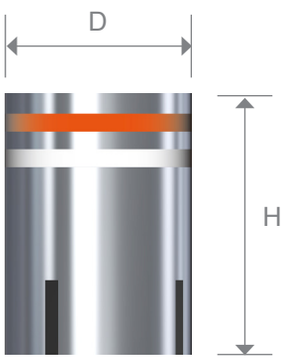
a = 3.3

b = 4.5

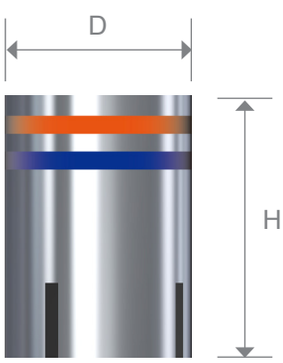
c = 5.5



STOPPER



ORDER NO	SPECIFICATIONS
H 6101 2000	STOPPER D 5.0 / L 7.0 mm
H 6101 2002	STOPPER D 5.0 / L 8.0 mm
H 6101 2004	STOPPER D 5.0 / L 9.5 mm
H 6101 2006	STOPPER D 5.0 / L 11 mm
H 6101 2008	STOPPER D 5.0 / L 14 mm



ORDER NO	SPECIFICATIONS
H 6101 2010	STOPPER D 6.0 / L 7.0 mm
H 6101 2012	STOPPER D 6.0 / L 8.0 mm
H 6101 2014	STOPPER D 6.0 / L 9.5 mm
H 6101 2016	STOPPER D 6.0 / L 11 mm
H 6101 2018	STOPPER D 6.0 / L 14 mm