HIOSSEN IMPLANT

PRODUCT CATALOG



Made in USA

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The World’s No. 1 Provider of Dental Implant Solutions


PRESENT
Operating nationwide
17 sales regions
& 72 branches
Exporting worldwide
to over 50 countries
2006
Founded
in
Philadelphia
2007
Established
AIC
Advanced Dental
Implant Research &
Education Center
2020
Established
Smartfit
Center West
HIOSSEN
IMPLANT
2018
Recognized in
one of top #5
in Global Dental
Implant Market
Launched
K3 Unit Chair
Grand
Opening
of State-of-the-Art
Dental Implant
Manufacturing
Facility
2008
Launched
ET III SA Implant
Sand-blasted
and Acid-Etched
2011
Launched
ET III NH
Implant
Nano-Hydrophilic
2016
Established
Smartfit
Center
East
2013

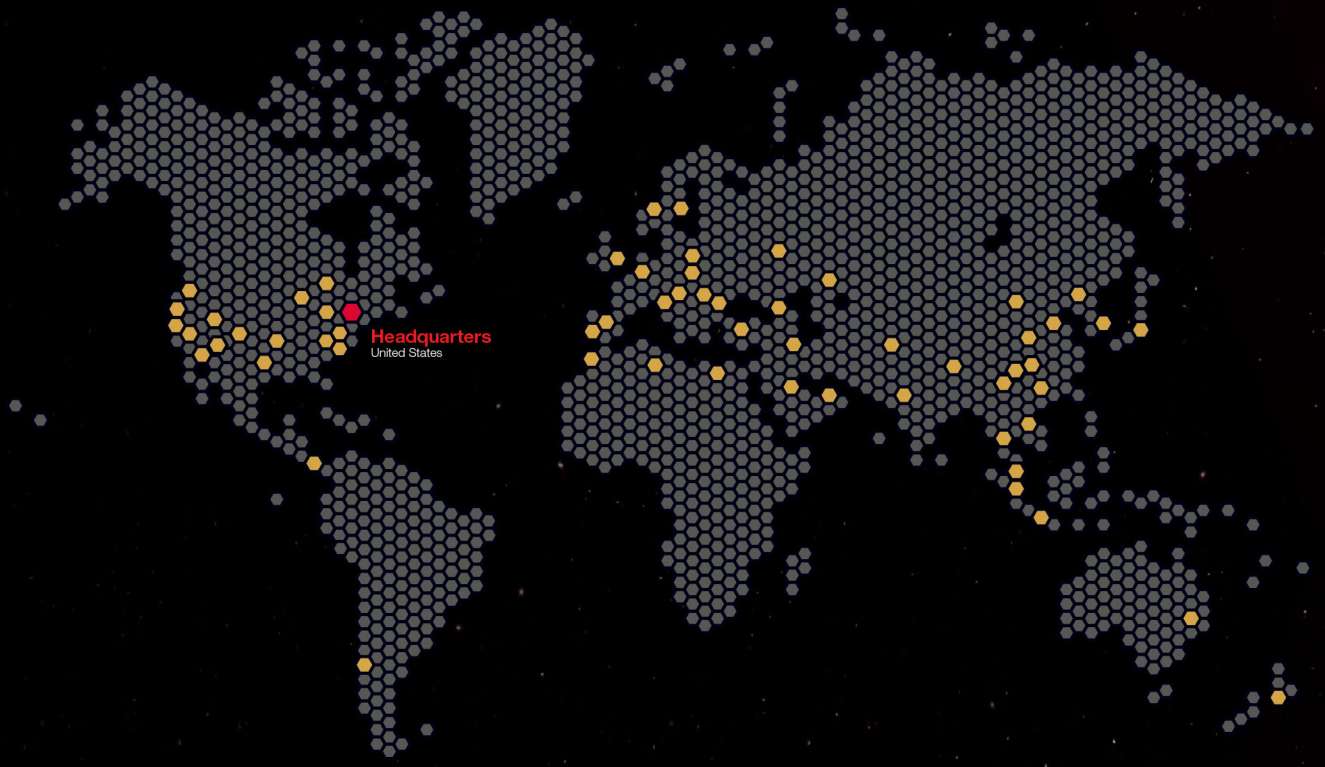
The World's Most Selling Implants

Over 2 Million Implants Sold Every Year

Our parent company, Osstem Implant, exports to more than 70 countries.

Hiossen Implant around the World

At Hiossen, we continue to expand globally with our most advanced technology and superior quality. Our products and services can be found all over the world through our extensive network of distribution.



Albania Australia Bosnia and Herzegovina Bulgaria Canada Chile China Chinese -Taipei Cyprus Czech Republic Egypt Estonia Finland France Germany Greece Hungary India Indonesia Italy Japan Jordan Kazakhstan Kuwait Latvia Lebanon Libya Malaysia Mexico Morocco New Zealand Norway Pakistan Poland Portugal Republic of Croatia Republic of Korea Republic of Kosovo Republic of North Macedonia Romania Russian Federation Saudi Abrabia Servia Slovakia Slovenia Spain Sweden Switzerland Thailand Turkey United Arab Emirates United Kingdom United States Viet Nam


Global Leader
in Dentistry

ETIII SA Implant

- Bone level with 11° Morse taper internal hex connection
- Taper body with corkscrew thread design that acquires superior initial stability
- Narrow threads that increase self-tapping, path-correction and initial stability in soft bone
- Recommended implant placement torque: 40 Ncm or less
- Recommended implant size in posterior: Minimum Ø4.5mm

Narrow

- Optimized for narrow ridge
- Compatible with Mini platform components (Excluded: Cover screw, Mount, Lab analog)

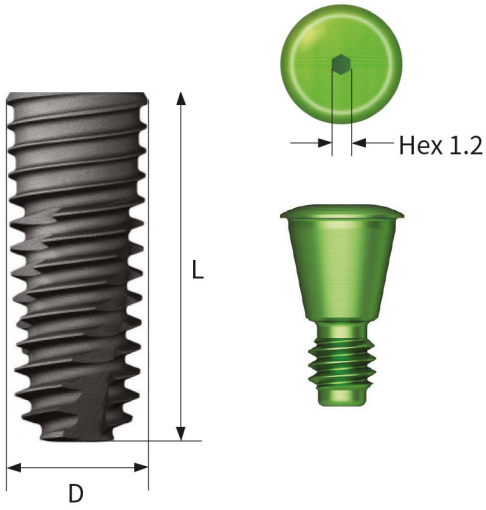
Ultra-wide

- Optimized for posterior extraction and immediate placement, and replacement of failed implant case
- Efficient apex design that strengthens initial stability with immediate placement after extraction

Order Code

NoMount Implant: Code starts with "C"

e.g. CET3R4010S for 4.0x10 non-mounted ETIII with SA surface



F3.2 Hex 2.1 Narrow

M

For Ø3.2 implant, connection is 0.5mm shorter

L	8.5	10	11.5	13	15
	ET3M**3008S**	ET3M**3010S**	ET3M**3011S**	ET3M**3013S**	ET3M**3015S**

F3.5 Hex 2.1

M

L	8.5	10	11.5	13	15
	ET3M**3508S**	ET3M**3510S**	ET3M**3511S**	ET3M**3513S**	ET3M**3515S**

F4.0 Hex 2.5

R

L	7	8.5	10	11.5	13	15
	ET3R**4007S**	ET3R**4008S**	ET3R**4010S**	ET3R**4011S**	ET3R**4013S**	ET3R**4015S**

Unit of Measuring: **mm**

F4.5 Hex 2.5

R

L	7	8.5	10	11.5	13	15
						
	ET3R4507S	ET3R4508S	ET3R4510S	ET3R4511S	ET3R4513S	ET3R4515S

F5.0 Hex 2.5

R

L	6	7	8.5	10	11.5	13	15
	 Short						
	ET3R5006S	ET3R5007S	ET3R5008S	ET3R5010S	ET3R5011S	ET3R5013S	ET3R5015S

F5.5 Hex 2.5

R

L	6	7	8.5	10	11.5	13
	 Short					
	ET3R5506S	ET3R5507B	ET3R5508B	ET3R5510B	ET3R5511B	ET3R5513B

Ultra-Wide

F6.0 Hex 2.5

R

L	8.5	10
		
	ET3R6008S	ET3R6010S

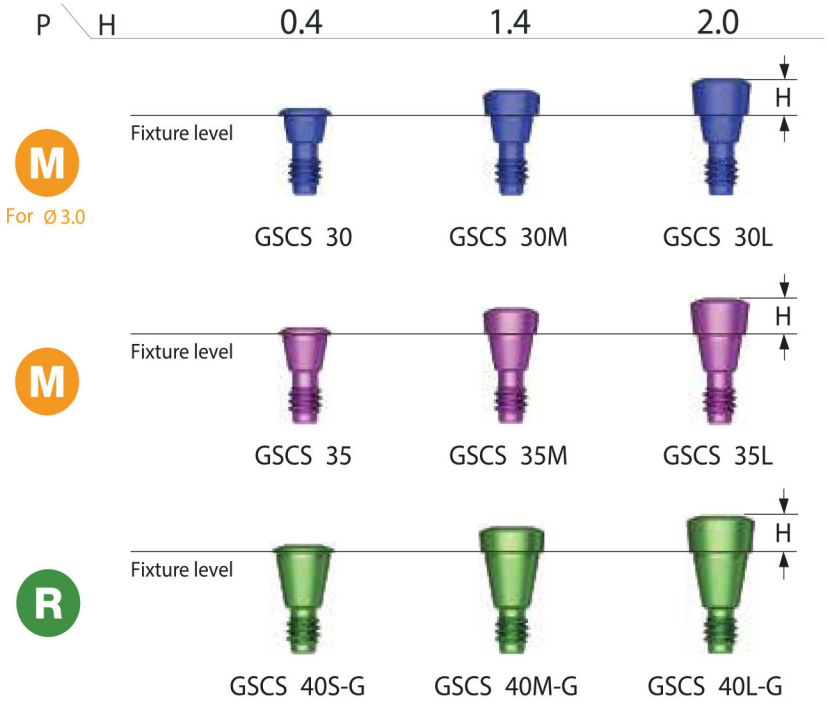
Mount & Screw

Cover Screw

- Height (H) selected according to the fixture placement depth
- Dedicated cover screw used for Ø3.5 fixture
- Hand tightened with 1.2 hex driver
- P = Platform

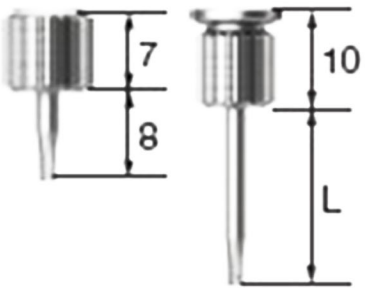
M Mini

R Regular



Hand Driver

- Manual driver
- Tip holding feature (except internal hex type)
- Internal hex type length: 11

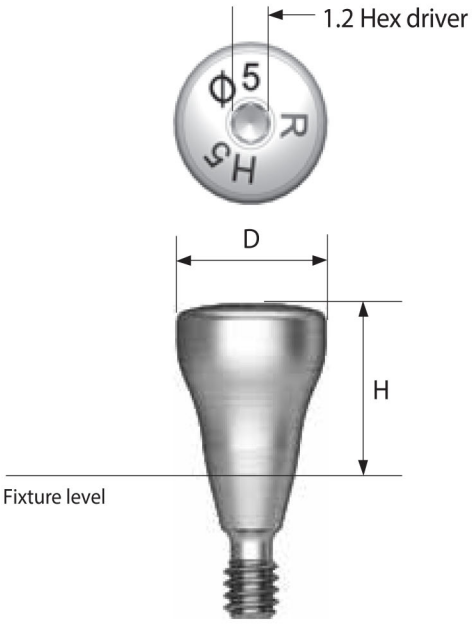


Healing Abutment

- Mini (yellow) type used for fixtures of Ø3.5 or smaller
- Hand tightened with 1.2 hex driver

M Mini

R Regular



Matching table

Healing abutment	H	3.0	4.0	5.0	7.0
Abutment	G/H	1.0	2.0 or 3.0	3.0 or 4.0	5.0 and above
Impression coping	Type	Short	Short	Long	Long

D \ H	4.0	5.0	6.0	7.0
				
Ø 4.0	TSHA 404M	TSHA 405M	TSHA 406M	TSHA 407M
Ø 4.5	TSHA 454M	TSHA 455M	TSHA 456M	TSHA 457M

D \ H	4.0	5.0	6.0	7.0
				

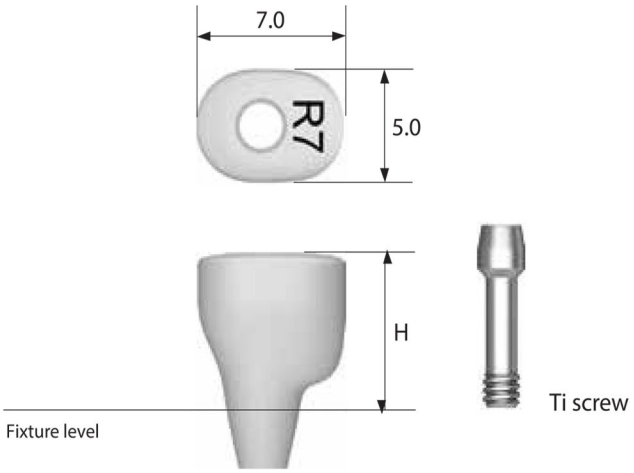
Custom Healing Abutment

- Used when healing abutment in the shape of a tooth is required
- Used by removing or with resin attached
- Material : Medical PEEK
- Dedicated titanium screw used
- Hand tightened with 1.2 hex driver
- Packing unit : Abutment + Ti screw
- P = Platform

Abutment + Ti screw order code
: Product code + TH (ex : TSCHAPR7 TH)

M Mini

R Regular

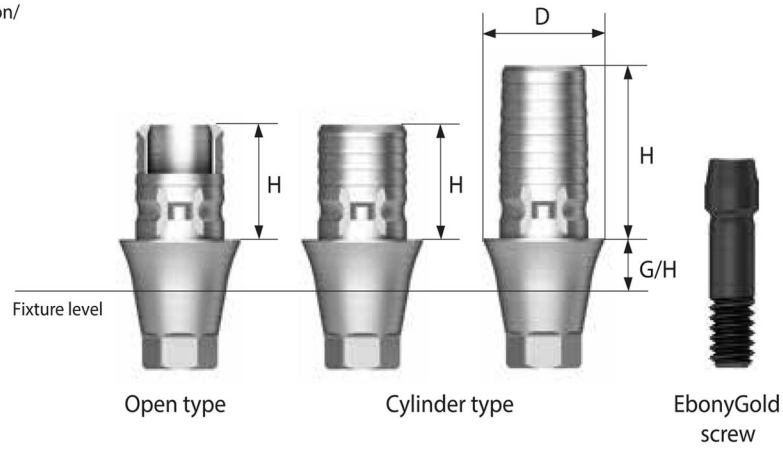


P \ H	5.0	7.0	9.0
M Ti screw : GSCHABSMT	 TSCHAP M5	 TSCHAP M7	 TSCHAP M9
R Ti screw : GSCHABSST	 TSCHAP R5	 TSCHAP R7	 TSCHAP R9

Link Abutment for Public (B Type)

- Abutment for producing cement-retained/combination/ screw-retained prosthesis
- Used for producing Ti + Zr custom abutment with CAD/CAM equipment
- Osstem's official implant library provided
- Fixture level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm (mini), 30Ncm (regular)
- Packing unit : Abutment + EbonyGold screw

Abutment + EbonyGold screw order code
: Product code + WH (ex : TSPL4541R WH)



D Ø4.0

M

EbonyGold screw
: GSABSM

	H / G/H Type	1.0	2.0
			
Hex	4.0 Open Type	TSPL 4041M	TSPL 4042M
	4.0 Cylinder Type	TSPL 4041C	TSPL 4042C
	6.0 Cylinder Type	TSPL 4061M	TSPL 4062M
Non-Hex	4.0 Open Type	TSPL 4041MN	TSPL 4042MN
	4.0 Cylinder Type	TSPL 4041CN	TSPL 4042CN
	6.0 Cylinder Type	TSPL 4061MN	TSPL 4062MN

D Ø4.5

R

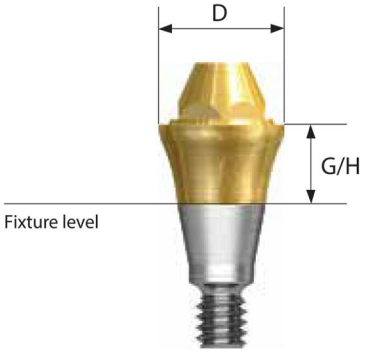
EbonyGold screw
: GSABSS

	H / G/H Type	1.0	2.0
			
Hex	4.0 Open Type	TSPL 4541R	TSPL 4542R
	4.0 Cylinder Type	TSPL 4541C	TSPL 4542C
	6.0 Cylinder Type	TSPL 4561R	TSPL 4562R
Non-Hex	4.0 Open Type	TSPL 4541RN	TSPL 4542RN
	4.0 Cylinder Type	TSPL 4541CN	TSPL 4542CN
	6.0 Cylinder Type	TSPL 4561RN	TSPL 4562RN

Multi Abutment



- Used for producing screw-retained prosthesis in multiple case
- Same platform as multi angled abutment
- Producing prosthesis with US esthetic low cylinder (regular/non-hex)
- Tightened with a dedicated outer driver (code : MAOD)
- Recommended tightening torque : 30Ncm (mini/regular)
- Packing unit : Abutment + Carrier



Abutment + carrier order code
: Product code + P (ex : TSMA5030 P)

D Ø4.8

M

G/H	1.0	2.0	3.0
	TSMA 5010M	TSMA 5020M	TSMA 5030M

D Ø4.8

R

G/H	1.0	2.0	3.0
	TSMA 5010	TSMA 5020	TSMA 5030

Multi Abutment Components

Multi Abutment Outer Driver

- Dedicated torque driver for multi abutment





MAOD

Multi Abutment Machine Driver

- Dedicated machine driver for multi abutment





MAMD

Multi Abutment NP-Cast Cylinder

- Used for producing screw-retained prosthesis in multi abutment
- Used to produce customized prosthesis by casting with nonprecious metal alloy
- Cylinder melting temperature : 1,400~1,550°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : Cylinder + Ti cylinder screw
- Multi angled abutment can be used (Non-Hex)

Abutment + Ti Screw order Code
: Product code + TH (ex : TSMN500 TH)

M Mini
R Regular

Ti screw
: MTS200

D	Type	Hex	Non-Hex
		 TSMN 500	 TSMN 500N

Multi Combination Cylinder

- Used for producing combination prosthesis in multi abutment
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : Cylinder + Ti cylinder screw
- Multi angled abutment can be used (Non-Hex)

Abutment + Ti screw order Code

: Product code + TH (ex : TSMC500 TH)

M Mini

R Regular

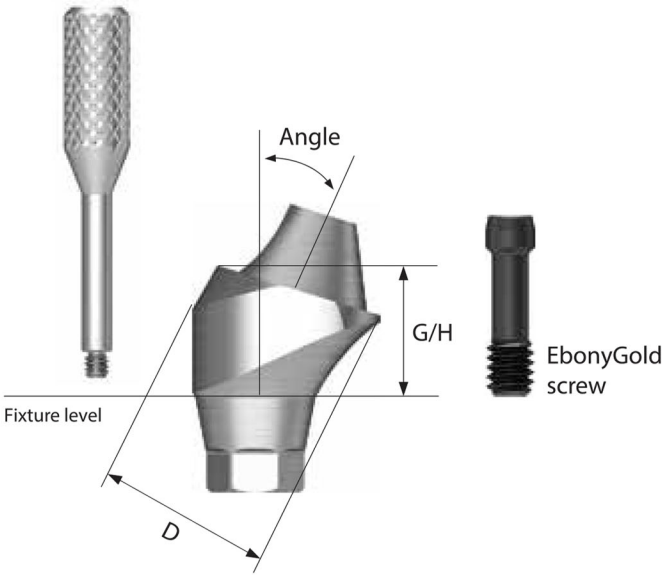
Ti screw
: MTS200

D	Type	Hex	Non-Hex
			
		TSMC 500	TSMC 500N

Multi Angled Abutment

- Used for producing screw-retained prosthesis in multiple case
- Same platform as multi abutment
- Fixture placement angle compensated up to 108°
- Producing prosthesis with US esthetic low cylinder (regular/non-hex)
- Using dedicated abutment screw
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm (mini), 30Ncm (regular)
- Packing unit : Abutment + EbonyGold screw

Abutment + EbonyGold screw + Carrier order code
: P roduct code + WH (ex : GS17MAS4840 WH)



D Ø4.8

M

EbonyGold screw
: GSMABSM

Angle \ G/H	2.5	3.0	4.0
17 °	GS17MAM 4820	GS17MAM 4830	GS17MAM 4840

Angle \ G/H	3.5	4.0	5.0
30 °	GS30MAM 4830	GS30MAM 4840	GS30MAM 4850

D Ø4.8

R

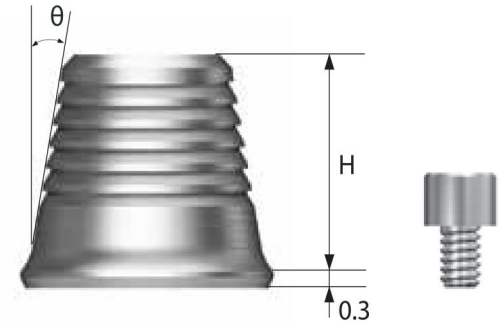
EbonyGold screw
: GSMABSS

Angle \ G/H	2.5	3.0	4.0	5.0
17 °	GS17MAS 4820	GS17MAS 4830	GS17MAS 4840	GS17MAS 4850

Angle \ G/H	3.5	4.0	5.0
30 °	GS30MAS 4830	GS30MAS 4840	GS30MAS 4850

TS Multi Ti Base

- Used for producing combination prosthesis in TS multi abutment
- Used in connection with TS multi scan body
- Abutment level impression
- Non-hex type only
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : Ti base + Ti base screw



Ti base + Ti screw order Code
: Product code + TH (ex : TSMTB505G TH)

H \ Degree (°)	5°	10°
4	 TSMTB 0405G	 TSMTB 0410G
6	 TSMTB 0605G	-

TS Multi Scan Body

- Used by connecting to the TS multi abutment for oral scanning
- Used for non-hex type
- Hand tightened with a 1.2 hex driver



TSMSBC

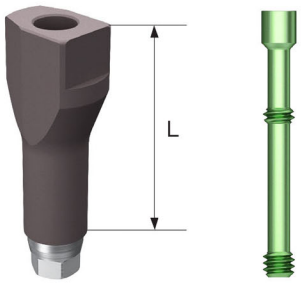
Digital Prosthetics Scan Body

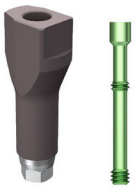
TS Scan Body NEW 2021

- Used for digital impression coping
- Tightened with a 1.2 hex driver
- Packing unit : scan body + Ti screw

Scan body + screw order code
: product code + **TH** (ex : TSNSBRL**TH**)

M Mini
R Regular



L	8 (Short)	12 (Long)
M	 TSNSBMS	 TSNSBML
R	 TSNSBRS	 TSNSBRL

A scan body for fabrication of OneFit abutment for other manufacturers' implants (long type)

D Type	DESBSTH	Purple anodizing screw
Di Type Dt Type M Type	CUSBSTH	

Scan Body Classification Guide

- See classification by scan body (intraoral) system



Digital Prosthetics Digital Lab Analog

Digital Lab Analog

- Lab Analog for making the digital implant working model
- Ease of classification through the color of Lab Analog
- Convenient connection through lab analog tools such as Reamer Drill and Positioning Jig
- Packing unit : digital lab analog + screw

