

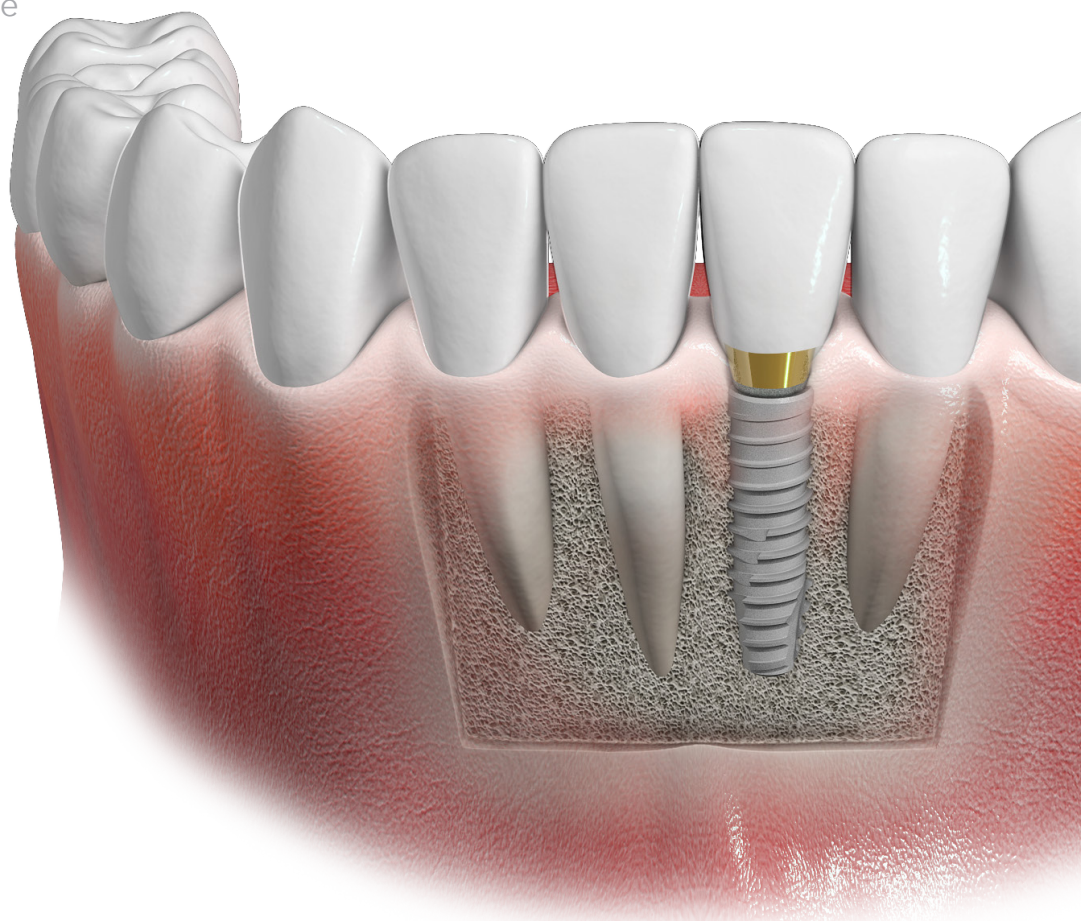
# IS-III active S-narrow

2019.04 E Ver.01



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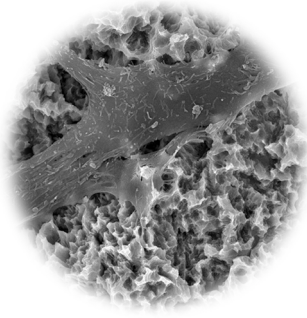
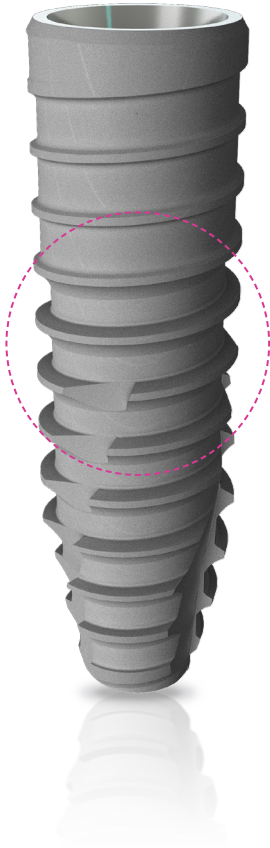
Super Narrow  
for Anterior Mandible  
(Narrow Ridge)



**Neo**  
**Biotech**

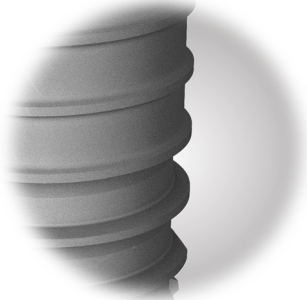
# IS-III active S-Narrow Features

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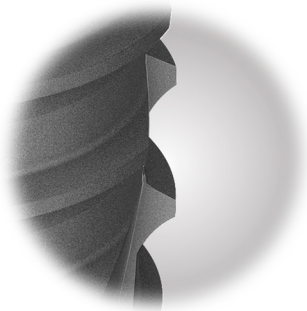
## S.L.A. Surface

The new S.L.A Surface with 40% greater surface area and 50% more cell adhesion promotes osseointegration



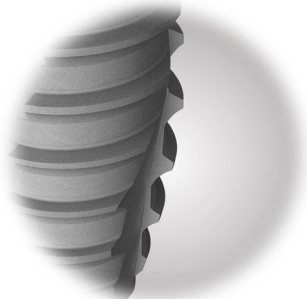
## Straight Body

Easy to adjust implantation depth



## Deep & Wide Pitch

Optimum Pitch for osseointegration (0.9Pitch)



## Wide Cutting Edge

Wide cutting edge and enlarged surface area enhances initial fixation and offers clinicians more stable implant placement

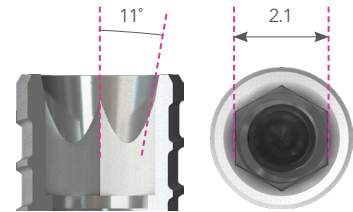
## M2.0 Connection



One Piece Type

- Cover Screw
- Healing Abutment

## Internal Conical Seal 11° 2.1 Hex



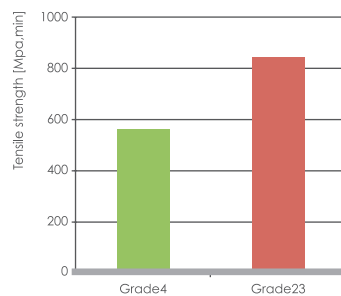
## M1.6 Connection

Two Piece Type

- PickCap Impression Coping
- Temporary Abutment
- Cement Abutment
- Angled Abutment

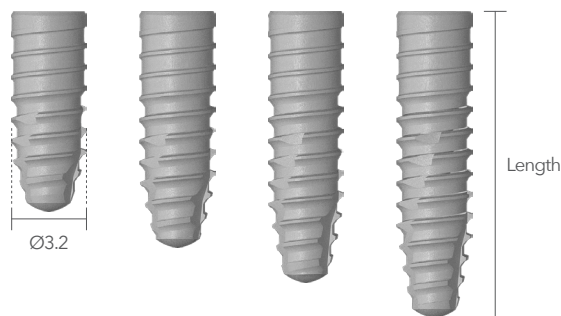


## Grade23 : Ti-6Al-4V ELI



# IS-III active S-Narrow Line Up

## Fixture



| Diameter | Length  | Code        |
|----------|---------|-------------|
| Ø3.2     | 8.5 mm  | IS3SN3008AP |
|          | 10.0 mm | IS3SN3010AP |
|          | 11.5 mm | IS3SN3011AP |
|          | 13.0 mm | IS3SN3013AP |

\* Cover Screw not included

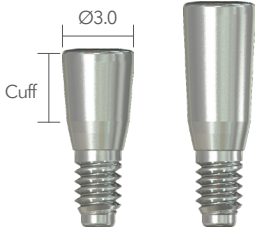
## Cover Screw & Healing Abutment

### Cover Screw



| Diameter | Code   |
|----------|--------|
| Ø3.0     | ISC25S |

### Healing Abutment



| Diameter | Ø3.0    |         |
|----------|---------|---------|
| Cuff     | 3 mm    | 5 mm    |
| Code     | ISH3003 | ISH3005 |



| Diameter | Ø3.8    |         |
|----------|---------|---------|
| Cuff     | 3 mm    | 5 mm    |
| Code     | ISH3803 | ISH3805 |

# Prosthetic Flow Chart

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Temporary  
Abutment



Cement  
Abutment



Angled  
Abutment



Lab Analog



PickCap Impression  
Copping



IS-III active  
S-narrow (ø3.2)

# IS-III active S-Narrow Prosthesis

## Cement Abutment (Hex)



| Diameter | Post | Cuff | Code     |
|----------|------|------|----------|
| Ø3.5     | 7 mm | 3 mm | ISAH3537 |
|          |      | 4 mm | ISAH3547 |
|          |      | 5 mm | ISAH3557 |
|          |      | 7 mm | ISAH3577 |

\* Screw included ISCS16S : S-Narrow (Ø3.2)

## Cement Abutment (Non- Hex)



| Diameter | Post | Cuff | Code     |
|----------|------|------|----------|
| Ø3.5     | 7 mm | 3 mm | ISAN3537 |
|          |      | 4 mm | ISAN3547 |
|          |      | 5 mm | ISAN3557 |
|          |      | 7 mm | ISAN3577 |

\* Screw included ISCS16S : S-Narrow (Ø3.2)

## Angled Abutment (17°)



\* Will be launched on September 2019

| Diameter | Post | Cuff | Type | Code      |
|----------|------|------|------|-----------|
| Ø3.2     | 9 mm | 3 mm | A    | ISAHA1739 |
|          |      |      | B    | ISAHB1739 |

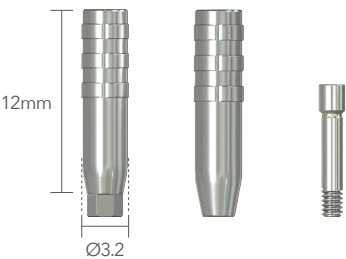
\* Screw included ISCS16S : S-Narrow (Ø3.2)

A : Angle to the edge

B : Angle to the flat wall

06/07

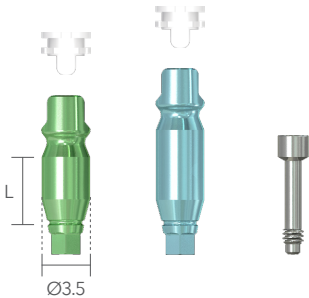
Temporary Abutment



| Diameter | Length | Connection | Code     |
|----------|--------|------------|----------|
| Ø3.2     | 12 mm  | Hex        | ISAHT300 |
|          |        | Non Hex    | ISANT300 |

\* Screw included ISCS16S : S-Narrow (Ø3.2)

PickCap Impression Coping



| Diameter | Length | Code         |
|----------|--------|--------------|
| Ø3.5     | 5 mm   | ISSNPCI3505C |
|          | 7 mm   | ISSNPCI3507C |

\* Screw & Cap included  
ISPCIS16 : S-Narrow (Ø3.2)  
PCISC01 : Small Cap

Lab Anlog



| Diameter | Code    |
|----------|---------|
| Ø3.2     | ISLA300 |

# Surgical Kit

The top, middle, bottom tray and components of the S-narrow Kit is sold separately

|                 |             |
|-----------------|-------------|
| Kit Tray Top    | CSTKITTRAY1 |
| Kit Tray Middle | SNKITTRAY2  |
| Kit Tray Bottom | CSTKITTRAY3 |



Drill Extension

|                                                                                   |      |  |
|-----------------------------------------------------------------------------------|------|--|
|  | Code |  |
|                                                                                   | DE01 |  |
|                                                                                   |      |  |

Cortical Tap

|                                                                                   |          |         |
|-----------------------------------------------------------------------------------|----------|---------|
|  | Diameter | Code    |
|                                                                                   | Ø3.2     | CT32S09 |
|                                                                                   |          |         |

Hex Driver

|                                                                                     |         |  |
|-------------------------------------------------------------------------------------|---------|--|
|  | Code    |  |
|                                                                                     | HD1215S |  |
|                                                                                     |         |  |

Guide Point Drill

|                                                                                   |          |      |
|-----------------------------------------------------------------------------------|----------|------|
|  | Diameter | Code |
|                                                                                   | Ø1.35    | PD13 |
|                                                                                   |          |      |

Cortical Drill

|                                                                                   |          |        |
|-----------------------------------------------------------------------------------|----------|--------|
|  | Diameter | Code   |
|                                                                                   | Ø3.1     | ISCD32 |
|                                                                                   |          |        |

Direction Pin

|                                                                                     |          |      |
|-------------------------------------------------------------------------------------|----------|------|
|  | Diameter | Code |
|                                                                                     | Ø3.6     | DP36 |
|                                                                                     |          |      |

Surgical Drill

|                                                                                     |          |          |
|-------------------------------------------------------------------------------------|----------|----------|
|  | Diameter | Code     |
|                                                                                     | Ø2.2     | TSDS22CL |
|                                                                                     | Ø2.7     | TSD27CL  |

Fixture Driver

|                                                                                     |          |  |
|-------------------------------------------------------------------------------------|----------|--|
|  | Code     |  |
|                                                                                     | ISFDSNRL |  |
|                                                                                     | ISFDSNCL |  |

Connector

|                                                                                       |       |  |
|---------------------------------------------------------------------------------------|-------|--|
|  | Code  |  |
|                                                                                       | RC15S |  |
|                                                                                       |       |  |

Drill Stopper

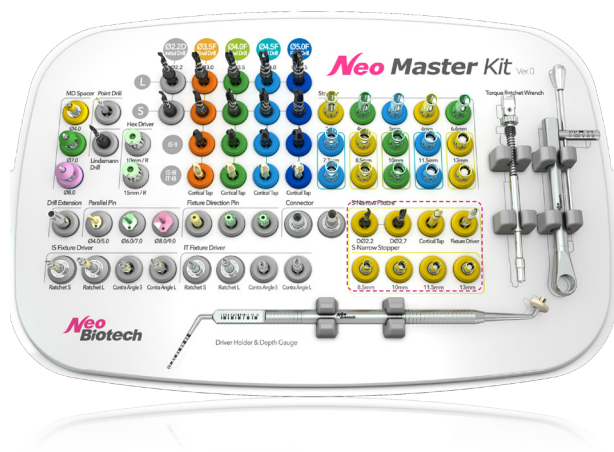
|                                                                                     |         |         |         |
|-------------------------------------------------------------------------------------|---------|---------|---------|
|  |         |         |         |
| 8.5mm                                                                               | 10mm    | 11.5mm  | 13mm    |
| DS085CS                                                                             | DS100CS | DS115CS | DS130CS |

Torque Ratchet

|                                                                                     |      |  |
|-------------------------------------------------------------------------------------|------|--|
|  | Code |  |
|                                                                                     | TW60 |  |
|                                                                                     |      |  |

# Surgical Kit

Tools from S-narrow Kit can be mounted on spare parts of the Neo Master Kit (Sold separately)



## Surgical Drill



## Drill Stopper



## Cortical Tap

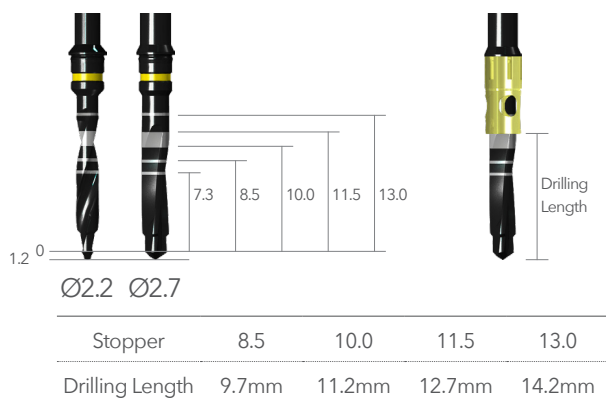


## Fixture Driver

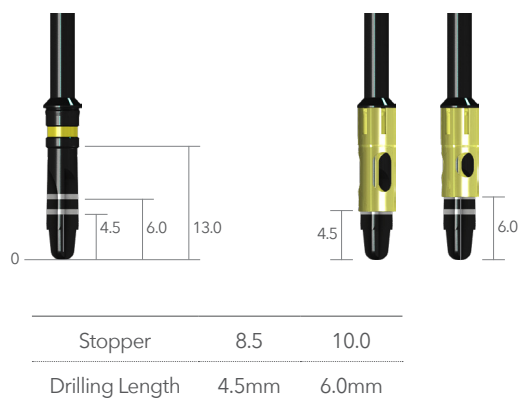


## Drill Length

## Surgical Drill



## Cortical Drill

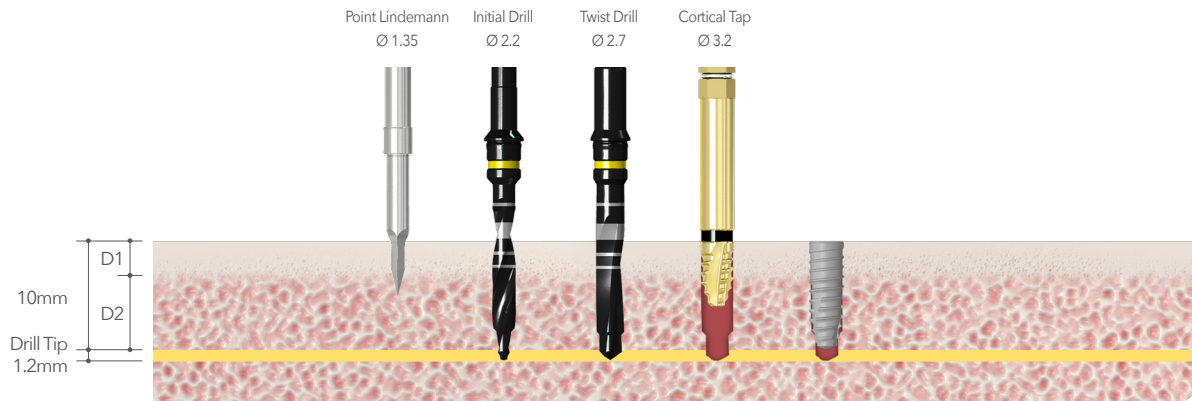


# Drilling Protocol

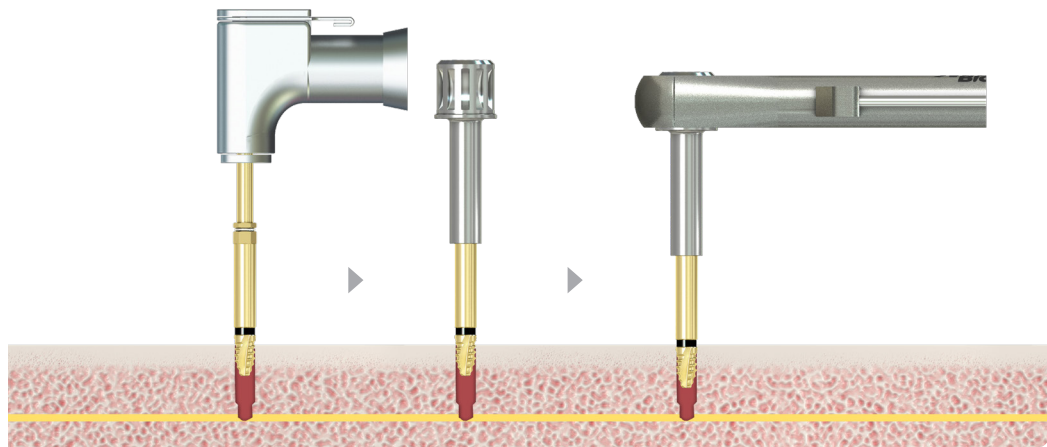
## Drilling Speed & Torque

Guide Point Drill, Surgical Drill : 1,200rpm / 35~45Ncm    Cortical Tap : 50rpm / 50Ncm

IS-III active Fixture  $\text{Ø}3.2 \times 10\text{mm}$  (D1/D2 bone)



In case of soft(D4) bone, or in condition of getting fixed at implant apex area,  $\text{Ø}2.2$  surgical drill is the final drill



If the Cortical Tap Drill for contra angle gets stuck in a bone, continue tapping by connecting Ratchet Connector and Torque Ratchet



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