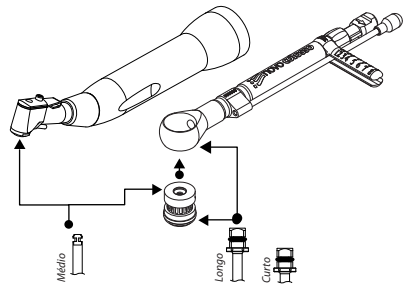
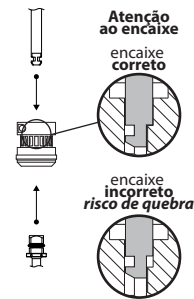


## Utilização Chaves de Instalação



### Encaixes Engrenagem/Chave Bidigital

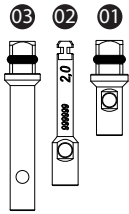


## Instrução de Uso

As Chaves de instalação Novo Colosso possuem encaixe padrão para contra-ângulo e encaixe quadrado padrão universal 3,9mm podendo ser utilizados manualmente acoplados a ENGRENAGEM/CHAVE BIDIGITAL ou TORQUÍMETRO ou diretamente com contra-ângulo.

### 03 02 01 CORPO ÚNICO QUADRADO 2,0mm

70 N.cm torque máximo

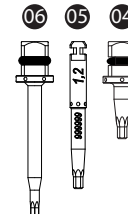


#### Observações:

- Instalação do Implante Pilar Corpo Único;
- Instalação do Implante Corpo Único O'ring;
- Instalação do Pilar de Retenção O'ring;
- Acionamento do Parafuso Saca Pilar;
- Acionamento do Parafuso de Fixação do Mini Pilar

### 06 05 04 HEXAGONAL 1,2mm

35 N.cm torque máximo

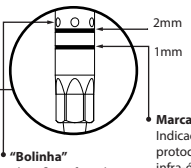
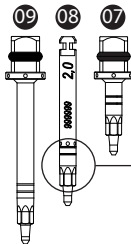


#### Observações:

- Com a engrenagem forma a chave hexagonal;
- PARA APERTO DE QUALQUER PARAFUSO DAS LINHAS COLOSSOS E NOVO COLOSSO.

### 09 08 07 CM HEXÁGONO 2,0mm

70 N.cm torque máximo



"Bolinha" Identifica a face do Hexágono

Marcação de Laser Indicação de Altura para protocolo cirúrgico 1mm infra-ósseo

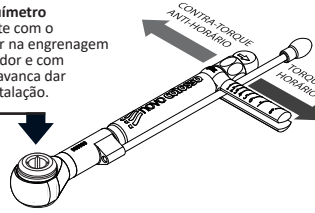
#### Observações:

- Caso se perceba algum tipo de travamento das chaves no implante, aplicar pequenos e leves movimentos laterais, angulares ao longo do implante. A remoção da chave se dará com facilidade.;

- Para novos usuários de Cone Morse, recomenda-se estudo aprofundado dos procedimentos de instalação;

Utilizando o torquímetro - Instalar o implante com o torquímetro apoiar na engrenagem com o dedo indicador e com movimentos de alavanca dar continuidade a instalação.

**ATENÇÃO** Sempre apoie a engrenagem do torquímetro, ao instalar o implante.

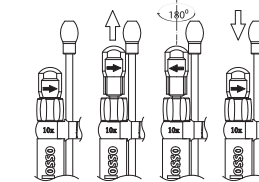


Use o inversor para alterar o sentido de aperto para aplicar o contra torque.

Antes certifique-se que o implante esteja estável.

Direção de Aperto Horário

Direção de soltura Anti-horário



## Comparação Chaves hexagonais 1,2 x Chaves com encaixe de contra-ângulo comprimentos úteis

ECB-0415 PB-2905 IMCA-1221

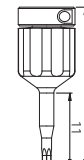
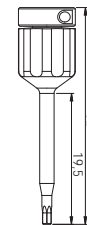
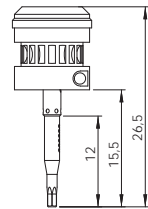
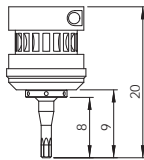
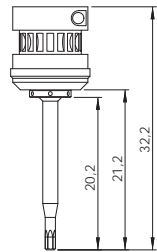
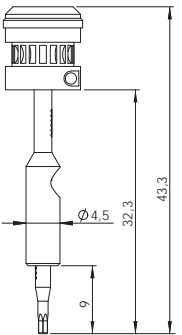
ECB-0415 ILCA-1226

ECB-0415 IHC-1214

ECB-0415 IMCA-1221

CHLC-1226

CHCC-1216

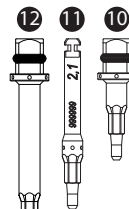


### ATENÇÃO

Substitua suas chaves periodicamente, quando perceber que o hexágono está arredondado. A falta de substituição das chaves pode gerar dificuldade de aperto dos parafusos, uma vez que o hexágono da chave pode estar desgastado pelo uso.

### 12 11 10 HE HEXÁGONO 2,1mm

70 N.cm torque máximo



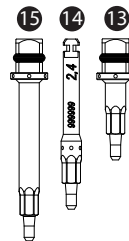
#### Observações:

- Compatível com Padrão Brånemark.
- Hexágono com faces paralelas o que facilita o encaixe e diminui o risco de espanamento.

temperatura máxima 140°

### 15 14 13 HI HEXÁGONO 2,4mm

70 N.cm torque máximo



#### Observações:

- Além da utilização no Sistema Novo Colosso HI também é aplicado na utilização do Sistema Colosso Evoution.
- Hexágono com faces paralelas o que facilita o encaixe e diminui o risco de espanamento.

temperatura máxima 140°

### • CHAVE QUADRADA 2,0mm

- 01 Curto - cód. IQC-2014 - compr. útil
- 02 Médio - cód. IQMCA-2021
- 03 Longo - cód. IQLCA-2026

### • CHAVE HEXAGONAL 1,2mm

- 04 Curto - cód. IHC-1214
- 05 Médio - cód. IMCA-1221
- 06 Longo - cód. ILCA-1226

### • CHAVE DE INSTALAÇÃO CM 2,0mm

- 07 Curto - cód. IHC-2014
- 08 Médio - cód. IMCA-2021
- 09 Longo - cód. LCA-2026

### • CHAVE DE INSTALAÇÃO HE 2,1mm

- 10 Curto - cód. IHC-2114
- 11 Médio - cód. IMCA-2121
- 12 Longo - cód. ILCA-2126

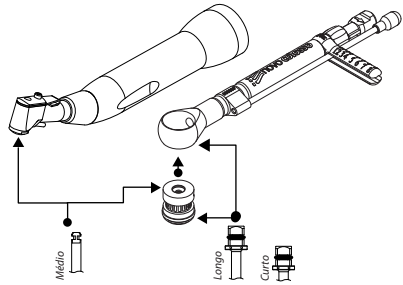
### • CHAVE DE INSTALAÇÃO 2,4MM

- 13 Curto - cód. IHC-2414
- 14 Médio - cód. IMCA-2421
- 15 Longo - cód. ILCA-2426

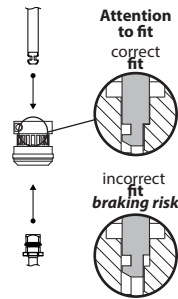
### PRECAUÇÕES:

- Esterilizar desmontada a engrenagem do torquímetro;
- Exercer apenas o torque preconizado conforme indicado neste material.

## Using Installation Drivers



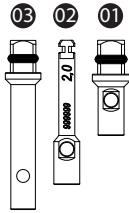
### Fittings Gear/Bidigital Key



## Using instructions

The New Colosso Installation drivers have standard fitting for contra-angle and standard universal square fit 3.9mm can be used manually coupled to GEAR / BIDIGITAL KEY or TORQUE WRENCH or directly with contra-angle.

### UNIQUE BODY SQUARE 2,0mm

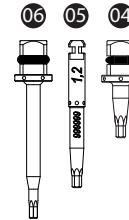


70 Ncm maximum torque

#### Notes:

- Installation of the Single Body Pillar Implant;
- Installation of the Single Body Implant O'ring;
- Installation of the O'ring Retention Pillar;
- Actuation of the Saca Pilar Screw;
- Actuation of the Mini Pillar Fixing Screw

### HEXAGON 1,2mm

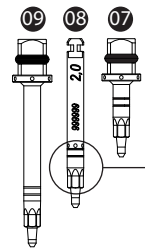


35 Ncm maximum torque

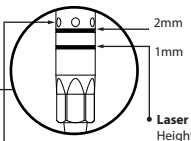
#### Note:

- Assembled with the gear becomes the Hexagon key;
- **FOR TIGHTENING OF ANY BOLT OF THE LINES COLOSSOS AND NOVO COLOSSO.**

### CM HEXAGON 2,0mm



70 Ncm maximum torque



"Sphere" Identifies hexagon's face  
Laser mark Height indication for surgical protocol 1mm below bone level

#### Notes:

- If you notice any type of locking of the keys in the implant, apply small and slight lateral, angular movements along the implant. Removal of the key will be easy;

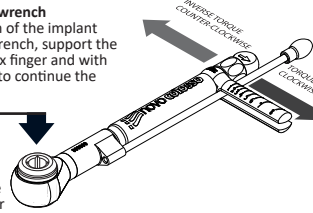
- For new users of Cone Morse, it is recommended to study in depth the installation procedures

#### Using the torque wrench

- In the installation of the implant with the torque wrench, support the gear with the index finger and with lever movements to continue the installation.

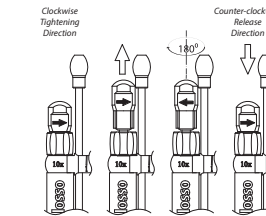
#### ATTENTION

- Always support the torque wrench gear when installing the implant

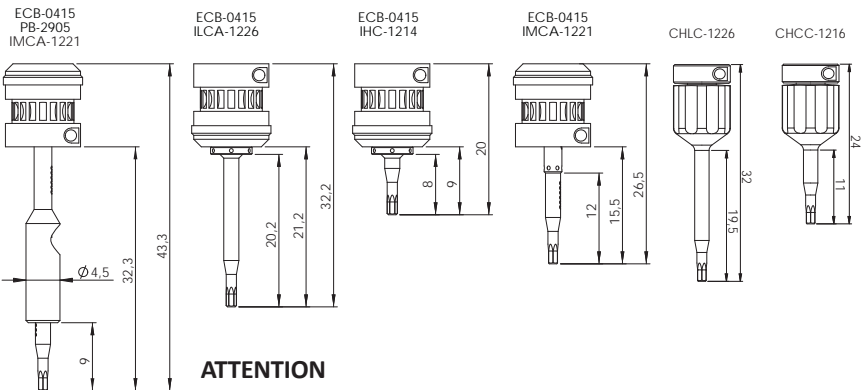


Use the drive to change the tightening torque to apply the torque.

Before you make sure the implant is stable.



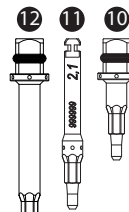
## Comparison Hexagon wrenches 1.2 x Counter-angle Wrenches Useful lengths



#### ATTENTION

Replace your keys periodically when you notice that the hexagon is rounded. Failure to replace the wrenches may result in screw tightening, since the hexagon of the wrench may be worn out.

### HE HEXAGON 2,1mm

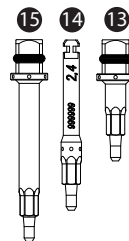


70 Ncm maximum torque

#### Notes:

- Compatible with Bränemark Standard.
- Hexagon with parallel faces which facilitates the fit and reduces the risk of deformation

### HI HEXAGON 2,4mm



70 Ncm maximum torque

#### Notes:

- Compatible with Bränemark Standard.
- Hexagon with parallel faces which facilitates the fit and reduces the risk of deformation

### • SQUARE KEY 2,0mm

- 01 short - *cód. IQC-2014 - compr. útil*
- 02 medium - *cód. IQMCA-2021*
- 03 long - *cód. IQLCA-2026*

### • HEXAGON KEY 1,2mm

- 04 short - *cód. IHC-1214*
- 05 medium - *cód. IMCA-1221*
- 06 long - *cód. ILCA-1226*

### • INSTALLATION KEY CM 2,0mm

- 07 short - *cód. IHC-2014*
- 08 medium - *cód. IMCA-2021*
- 09 long - *cód. LCA-2026*

### • INSTALLATION KEY HE 2,1mm

- 10 short - *cód. IHC-2114*
- 11 medium - *cód. IMCA-2121*
- 12 long - *cód. ILCA-2126*

### • INSTALLATION KEY 2,4MM

- 13 short - *cód. IHC-2414*
- 14 medium - *cód. IMCA-2421*
- 15 long - *cód. ILCA-2426*

#### PRECATIONS:

- Sterilize the torque wrench with the gear removed;
- Only apply the recommended torque as indicated in this material.