

**ASTRA TECH  
IMPLANT SYSTEM**

# Product catalog





# Contents

This catalog contains components and instruments for ASTRA TECH Implant System™.

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# Easy to choose and easy to use

The ASTRA TECH Implant System is simple and reliable: a minimum of components with maximum flexibility. You can use it for all indications and all positions in the mouth. It is ideal for both one-stage and two-stage surgery and it is also suitable for immediate and early loading. The restorative options cover cement-, screw- and attachment-retained solutions.

## Easy implant installation – simply pick up and install

The color coded Implant Driver makes implant installation quick, easy and efficient.

## Minimum of components with maximum flexibility – one connection, three sizes

To minimize the number of components for simplified treatment planning and inventory management, the Conical Seal Design implant-abutment connection comes in three sizes – x-small, small and large that are color coded for easy identification.



## Implant level impression – color coded components

Yellow, aqua and lilac. It has never been easier to select the right implant pick-ups, transfers, guide pins, and replicas. With the color coding system, each component is marked with the same color as the chosen implant connection.



## Single Patient Drills

Optimal sharpness, easy handling and no cleaning or sterilization. The benefits of Single Patient Drills are available for all drilling protocols.



# Product overview 3.0

## Yellow



Indexed abutments and components.



Non-indexed abutments and components (NI).

### Implants

OsseoSpeed™ TX 3.0 S



11 mm 24982  
13 mm 24983  
15 mm 24984

### Cover screws

3.0



0 mm 24198

### Healing abutments

3.0



Ø 4.0 2 mm 24777  
Ø 4.0 4 mm 24778  
Ø 4.0 6 mm 25017

## Cement-retained

### Temporary abutments

Temporary Abutment 3.0



Ø 3.4 1 mm 25018

### Abutments

TiDesign™ 3.0



Ø 4.0 1 mm 24788  
Ø 4.0 2 mm 24789  
Ø 4.0 15° 2.4 mm 24790

ATLANTIS™ abutment



Patient-specific abutment  
[www.atlantisabutment.com](http://www.atlantisabutment.com)

### Implant impressions

Implant Pick-up 3.0



Short 24950  
Long 24949

Implant Transfer 3.0



Long 24958

### Guide pins

Implant Guide Pin 3.0



Short 24970  
Long 24976

### Replicas

Implant Replica 3.0



24977

### Lab abutment screws

Lab Abutment Screw Design 3.0



24802



# Product overview 3.5/4.0

## Aqua

SMALL

Indexed abutments and components.

SMALL

Non-indexed abutments and components (NI).

## Implants

### OsseoSpeed™ TX 3.5 S



- 8 mm 24930
- 9 mm 24931
- 11 mm 24932
- 13 mm 24933
- 15 mm 24934
- 17 mm 24935

### OsseoSpeed™ TX 4.0 S



- 6 mm 24939
- 8 mm 24940
- 9 mm 24941
- 11 mm 24942
- 13 mm 24943
- 15 mm 24944
- 17 mm 24945

## Cover screws

### 3.5/4.0



- 0 mm 24328
- 1 mm 24329

## Healing abutments

### 3.5/4.0



- Ø 4.0 2 mm 24574
- Ø 4.5 4 mm 24575
- Ø 4.5 6 mm 24576
- Ø 5.5 2 mm 24577
- Ø 5.5 4 mm 24578
- Ø 5.5 6 mm 24579
- Ø 6.5 4 mm 24580
- Ø 6.5 6 mm 24581

### Uni 3.5/4.0



- 2 mm 24374
- 4 mm 24375
- 6 mm 24376
- 8 mm 24377
- 10 mm 24378

## Cement-retained

### Temporary abutments

#### TempDesign™ 3.5/4.0



- Ø 4.1 1 mm 22851
- NI Ø 4.1 1 mm 22853

#### Temporary Abutment 3.5/4.0



- Ø 4.1 1 mm 24281
- NI Ø 4.1 1 mm 24280

### Abutments

#### ZirDesign™ 3.5/4.0



- Ø 4.5 1.5 mm 24702
- Ø 4.5 3 mm 24703
- Ø 5.5 1.5 mm 24704
- Ø 5.5 3 mm 24705
- Ø 5.5 20° 3.5 mm 24706

#### TiDesign™ 3.5/4.0



- Ø 4.5 1.5 mm 24285
- Ø 4.5 3 mm 24286
- Ø 5.5 1.5 mm 24287
- Ø 5.5 3 mm 24288
- Ø 6.5 1.5 mm 24289
- Ø 6.5 3 mm 24290
- Ø 4.5 20° 3.5 mm 24291
- Ø 5.5 20° 3.5 mm 24292

#### CastDesign™ 3.5/4.0



- Ø 4 1 mm 22843

#### ATLANTIS™ abutment



Patient-specific CAD/CAM abutment  
www.atlantisabutment.com

## Screw-retained

### Abutments

#### 20° UniAbutment 3.5/4.0



- 0.5 mm 24893
- 1 mm 24894
- 2 mm 24895
- 4 mm 24896
- 6 mm 24897
- 8 mm 24898

#### 45° UniAbutment 3.5/4.0



- 0.5 mm 24899
- 1 mm 24900
- 2 mm 24901
- 4 mm 24902
- 6 mm 24903
- 8 mm 24904

#### Angled Abutment 3.5/4.0



- Ø 4 0.8 mm 24245
- Ø 4 2 mm 24246
- NI Ø 4 0.8 mm 24347
- NI Ø 4 2 mm 24348

ATLANTIS ISUS™  
Patient-specific CAD/CAM  
implant suprastructures  
www.dentsplyimplants.com

### Healing caps

#### 20° ProHeal Cap



- Ø 4.3 24162
- Ø 5.5 Short 24158
- Ø 5.5 Long 24159

#### 45° ProHeal Cap



- Ø 4.3 24163
- Ø 5.5 Short 24160
- Ø 5.5 Long 24161

#### Healing Cap, Angled



24092

## Attachment-retained

### Abutments

#### Ball Abutment 3.5/4.0



- 1 mm 24905
- 2 mm 24906
- 4 mm 24907
- 6 mm 24908
- 8 mm 24909

#### Locator™ Abutment 3.5/4.0



- 1 mm 24268
- 2 mm 24269
- 3 mm 24270
- 4 mm 24271
- 5 mm 24272

### Abutment impressions

#### Ball Abutment Pick-up
































22439










#### Locator™ Abutment Pick-up



24484

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| <p><b>Direct Abutment API™ 3.5/4.0</b></p>  <ul style="list-style-type: none"> <li>∅ 4 0.5 mm 24917</li> <li>∅ 4 1 mm 24918</li> <li>∅ 4 2.5 mm 24919</li> <li>∅ 4 4 mm 24920</li> <li>∅ 5 1 mm 24921</li> <li>∅ 5 2.5 mm 24922</li> <li>∅ 5 4 mm 24923</li> </ul> | <p><b>Implant impressions</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="414 255 558 553"> <p><b>Implant Pick-up 3.5/4.0</b></p>  <ul style="list-style-type: none"> <li>○ Short 24947</li> <li>○ Long 24948</li> <li>○ NI Short 24936</li> <li>○ NI Long 24937</li> </ul> </div> <div data-bbox="622 255 766 553"> <p><b>Implant Transfer 3.5/4.0</b></p>  <ul style="list-style-type: none"> <li>○ Short 24959</li> <li>○ Long 24960</li> </ul> </div> </div> | <p><b>Lab abutment screws</b></p> <p><b>Lab Abutment Screw Design 3.5/4.0</b></p>  <p>24857</p> <p><b>Replicas</b></p> <p><b>Implant Replica 3.5/4.0</b></p>  <p>24978</p> | <p><b>Guide pins</b></p> <p><b>Implant Guide Pin 3.5/4.0</b></p>  <ul style="list-style-type: none"> <li>○ Short 24968</li> <li>○ Long 24969</li> </ul> |
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| <p><b>Abutment impressions</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="63 936 191 1170"> <p><b>20° UniAbutment Pick-up</b></p>  <ul style="list-style-type: none"> <li>∅ 4.3 22882</li> <li>∅ 5.5 22876</li> </ul> </div> <div data-bbox="223 936 383 1170"> <p><b>20°/45° UniAbutment Transfer</b></p>  <p>22068</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div data-bbox="63 1191 191 1425"> <p><b>45° UniAbutment Pick-up</b></p>  <ul style="list-style-type: none"> <li>∅ 4.3 22883</li> <li>∅ 5.5 22878</li> </ul> </div> <div data-bbox="223 1191 383 1425"> <p><b>Angled Abutment Pick-up</b></p>  <p>24254</p> </div> </div> | <p><b>Replicas</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="430 936 542 1127"> <p><b>20° UniAbutment Replica</b></p>  <p>22069</p> </div> <div data-bbox="558 936 670 1127"> <p><b>45° UniAbutment Replica</b></p>  <p>22070</p> </div> </div> <p><b>Angled Abutment Replica</b></p>  <p>24227</p> <p><b>Lab abutment screws angled</b></p> <p><b>Lab Abutment Screw Angled M1.6</b></p>  <p>24860</p> | <p><b>Guide pins</b></p> <p><b>Abutment Guide Pin</b></p>  <ul style="list-style-type: none"> <li>13 mm 22190</li> <li>16 mm 22197</li> <li>19 mm 22198</li> <li>22 mm 22199</li> </ul> <p><b>Bridge screws</b></p> <p><b>Bridge Screw</b></p>  <ul style="list-style-type: none"> <li>Hex 22435</li> <li>Slot 22167</li> </ul> <p><b>Lab bridge screws</b></p> <p><b>Hex and Slot</b></p>  <p>24859</p> | <p><b>Temporary cylinders</b></p> <p><b>Temporary Cylinder Uni 20°</b></p>  <p>22060</p> <p><b>Temporary Cylinder Uni 45°</b></p>  <p>22061</p> <p><b>Temporary Cylinder Uni Angled</b></p>  <p>22447</p> | <p><b>Cylinders</b></p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1069 978 1165 1149"> <p><b>Semi-Burnout Cylinder Uni 20°</b></p>  <p>22184</p> </div> <div data-bbox="1197 978 1292 1149"> <p><b>Burnout Cylinder Uni 20°</b></p>  <p>22186</p> </div> <div data-bbox="1324 978 1420 1170"> <p><b>Titanium Cylinder Uni 20°</b></p>  <p>22798</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div data-bbox="1069 1170 1165 1340"> <p><b>Semi-Burnout Cylinder Uni 45°</b></p>  <p>22185</p> </div> <div data-bbox="1197 1170 1292 1340"> <p><b>Burnout Cylinder Uni 45°</b></p>  <p>22187</p> </div> <div data-bbox="1324 1170 1420 1361"> <p><b>Titanium Cylinder Uni 45°</b></p>  <p>22799</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div data-bbox="1069 1361 1165 1553"> <p><b>Semi-Burnout Cylinder Uni Angled</b></p>  <p>24243</p> </div> <div data-bbox="1197 1361 1292 1553"> <p><b>Burnout Cylinder Uni Angled</b></p>  <p>22448</p> </div> <div data-bbox="1324 1361 1420 1553"> <p><b>Titanium Cylinder Uni Angled</b></p>  <p>24244</p> </div> </div> |
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| <p><b>Replicas</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="79 1744 191 1957"> <p><b>Ball Abutment Replica</b></p>  <p>22505</p> </div> <div data-bbox="239 1744 383 1957"> <p><b>Locator™ Abutment Replica</b></p>  <p>24485</p> </div> </div> | <p><b>Attachment components</b></p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="510 1744 606 1851"> <p><b>Clix Female</b></p>  <p>22383</p> </div> <div data-bbox="686 1744 813 1851"> <p><b>Clix Insert</b></p>  <p>22384</p> </div> <div data-bbox="877 1744 1165 1851"> <p><b>Locator™ Process Kit</b></p>  <p>24483</p> </div> <div data-bbox="1228 1744 1372 1872"> <p><b>Profile Bar System</b></p>  <p>22381</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div data-bbox="510 1872 606 1979"> <p><b>Ball Housing</b></p>  <p>22364</p> </div> <div data-bbox="861 1872 1181 1979"> <p><b>Locator™ Insert</b></p>  <ul style="list-style-type: none"> <li>Blue 24488</li> <li>Pink 24487</li> <li>Clear 24486</li> <li>Red 24492</li> <li>Green 24489</li> </ul> </div> <div data-bbox="1228 1872 1372 1979"> <p><b>Profile Bar Insert</b></p>  <p>22382</p> </div> </div> |
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# Product overview 4.5/5.0

## Lilac

LARGE

Indexed abutments and components.

LARGE

Non-indexed abutments and components (NI).

## Implants

### OsseoSpeed™ TX 4.5



- 9 mm 24951
- 11 mm 24952
- 13 mm 24953
- 15 mm 24954
- 17 mm 24955

### OsseoSpeed™ TX 5.0



- 9 mm 24961
- 11 mm 24962
- 13 mm 24963
- 15 mm 24964
- 17 mm 24965

### OsseoSpeed™ TX 5.0 S



- 9 mm 24971
- 11 mm 24972
- 13 mm 24973
- 15 mm 24974
- 17 mm 24975

## Cover screws

### 4.5/5.0



- 0 mm 24447
- 1 mm 24448

## Healing abutments

### 4.5/5.0



- Ø 5.5 2 mm 24582
- Ø 5.5 4 mm 24583
- Ø 5.5 6 mm 24584
- Ø 6.5 2 mm 24585
- Ø 6.5 4 mm 24586
- Ø 6.5 6 mm 24587

### Uni 4.5/5.0



- 2 mm 24379
- 4 mm 24380
- 6 mm 24381
- 8 mm 24382
- 10 mm 24383

## Cement-retained

### Temporary abutments

#### TempDesign™ 4.5/5.0



- Ø 4.5 1 mm 22852
- NI Ø 4.5 1 mm 22854

#### Temporary Abutment 4.5/5.0



- Ø 4.5 1 mm 25015
- NI Ø 4.5 1 mm 25016

### Abutments

#### ZirDesign™ 4.5/5.0



- Ø 5.5 1.5 mm 24707
- Ø 5.5 3 mm 24708
- Ø 6.5 1.5 mm 24709
- Ø 6.5 3 mm 24710
- Ø 5.5 20° 3.5 mm 24711

#### TiDesign™ 4.5/5.0



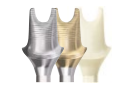
- Ø 5.5 1.5 mm 24235
- Ø 5.5 3 mm 24236
- Ø 6.5 1.5 mm 24237
- Ø 6.5 3 mm 24238
- Ø 5.5 20° 3.5 mm 24239

#### CastDesign™ 4.5/5.0



- Ø 4.5 1 mm 22844

#### ATLANTIS™ abutment



Patient-specific CAD/CAM abutment  
www.atlantisabutment.com

## Screw-retained

### Abutments

#### 20° UniAbutment 4.5/5.0



- 0.5 mm 24398
- 1 mm 24399
- 2 mm 24400
- 4 mm 24401
- 6 mm 24402
- 8 mm 24403

#### 45° UniAbutment 4.5/5.0



- 0.5 mm 24406
- 1 mm 24407
- 2 mm 24408
- 4 mm 24409
- 6 mm 24410
- 8 mm 24411

#### Angled Abutment 4.5/5.0



- Ø 4 0.5 mm 24247
- Ø 4 2 mm 24248
- NI Ø 4 0.5 mm 24606
- NI Ø 4 2 mm 24607

ATLANTIS ISUS™  
Patient-specific CAD/CAM  
implant suprastructures  
www.dentsplyimplants.com

### Healing caps

#### 20° ProHeal Cap



- Ø 4.3 24162
- Ø 5.5 Short 24158
- Ø 5.5 Long 24159

#### 45° ProHeal Cap



- Ø 4.3 24163
- Ø 5.5 Short 24160
- Ø 5.5 Long 24161

#### Healing Cap, Angled



24092

## Attachment-retained

### Abutments

#### Ball Abutment 4.5/5.0



- 0.5 mm 24418
- 1 mm 24419
- 2 mm 24420
- 4 mm 24421
- 6 mm 24422
- 8 mm 24423

#### Locator™ Abutment 4.5/5.0



- 0.5 mm 24477
- 2 mm 24478
- 3 mm 24479
- 4 mm 24480
- 5 mm 24481

### Abutment impressions

#### Ball Abutment Pick-up









22439
























#### Locator™ Abutment Pick-up












24484



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|---|--|--|--|
| <p><b>Direct Abutment API™</b><br/>4.5/5.0</p>  <ul style="list-style-type: none"> <li>∅ 5 0.5 mm 24558</li> <li>∅ 5 1 mm 24559</li> <li>∅ 5 2.5 mm 24560</li> <li>∅ 5 4 mm 24561</li> <li>∅ 6 1 mm 24562</li> <li>∅ 6 2.5 mm 24563</li> <li>∅ 6 4 mm 24564</li> </ul> | <p><b>Implant impressions</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="422 266 534 478"> <p><b>Implant Pick-up</b><br/>4.5/5.0</p>  <ul style="list-style-type: none"> <li>Short 24938</li> <li>Long 24946</li> <li>NI Short 24928</li> <li>NI Long 24929</li> </ul> </div> <div data-bbox="630 266 742 478"> <p><b>Implant Transfer</b><br/>4.5/5.0</p>  <ul style="list-style-type: none"> <li>Short 24956</li> <li>Long 24957</li> </ul> </div> </div> | <p><b>Lab abutment screws</b></p> <p><b>Lab Abutment Screw</b><br/>Design 4.5/5.0</p>  <p>24858</p> <p><b>Replicas</b></p> <p><b>Implant Replica</b><br/>4.5/5.0</p>  <p>24979</p> | <p><b>Guide pins</b></p> <p><b>Implant Guide Pin</b><br/>4.5/5.0</p>  <ul style="list-style-type: none"> <li>Short 24966</li> <li>Long 24967</li> </ul> |
|---|--|--|--|

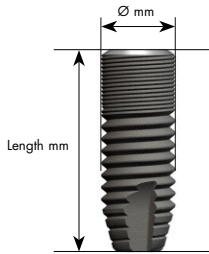
|   |   |  |  |   |
|---|---|--|--|---|
| <p><b>Abutment impressions</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="63 946 183 1159"> <p><b>20° UniAbutment Pick-up</b></p>  <ul style="list-style-type: none"> <li>∅ 4.3 22882</li> <li>∅ 5.5 22876</li> </ul> </div> <div data-bbox="231 946 375 1095"> <p><b>20°/45° UniAbutment Transfer</b></p>  <p>22068</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div data-bbox="63 1212 183 1425"> <p><b>45° UniAbutment Pick-up</b></p>  <ul style="list-style-type: none"> <li>∅ 4.3 22883</li> <li>∅ 5.5 22878</li> </ul> </div> <div data-bbox="247 1212 375 1404"> <p><b>Angled Abutment Pick-up</b></p>  <p>24254</p> </div> </div> | <p><b>Replicas</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="430 946 550 1117"> <p><b>20° UniAbutment Replica</b></p>  <p>22069</p> </div> <div data-bbox="566 946 678 1117"> <p><b>45° UniAbutment Replica</b></p>  <p>22070</p> </div> </div> <p><b>Angled Abutment Replica</b></p>  <p>24227</p> <p><b>Lab abutment screws angled</b></p> <p><b>Lab Abutment Screw Angled M2</b></p>  <p>24860</p> | <p><b>Guide pins</b></p> <p><b>Abutment Guide Pin</b></p>  <ul style="list-style-type: none"> <li>13 mm 22190</li> <li>16 mm 22197</li> <li>19 mm 22198</li> <li>22 mm 22199</li> </ul> <p><b>Bridge screws</b></p> <p><b>Bridge Screw</b></p>  <ul style="list-style-type: none"> <li>Hex 22435</li> <li>Slot 22167</li> </ul> <p><b>Lab bridge screws</b></p> <p><b>Hex and Slot</b></p>  <p>24859</p> | <p><b>Temporary cylinders</b></p> <p><b>Temporary Cylinder Uni 20°</b></p>  <p>22060</p> <p><b>Temporary Cylinder Uni 45°</b></p>  <p>22061</p> <p><b>Temporary Cylinder Uni Angled</b></p>  <p>22447</p> | <p><b>Cylinders</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="1069 978 1165 1127"> <p><b>Semi-Burnout Cylinder Uni 20°</b></p>  <p>22184</p> </div> <div data-bbox="1197 978 1292 1127"> <p><b>Burnout Cylinder Uni 20°</b></p>  <p>22186</p> </div> <div data-bbox="1324 978 1420 1159"> <p><b>Titanium Cylinder Uni 20°</b></p>  <p>22798</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div data-bbox="1069 1170 1165 1319"> <p><b>Semi-Burnout Cylinder Uni 45°</b></p>  <p>22185</p> </div> <div data-bbox="1197 1170 1292 1319"> <p><b>Burnout Cylinder Uni 45°</b></p>  <p>22187</p> </div> <div data-bbox="1324 1170 1420 1351"> <p><b>Titanium Cylinder Uni 45°</b></p>  <p>22799</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div data-bbox="1069 1361 1165 1532"> <p><b>Semi-Burnout Cylinder Uni Angled</b></p>  <p>24243</p> </div> <div data-bbox="1197 1361 1292 1532"> <p><b>Burnout Cylinder Uni Angled</b></p>  <p>22448</p> </div> <div data-bbox="1324 1361 1420 1532"> <p><b>Titanium Cylinder Uni Angled</b></p>  <p>24244</p> </div> </div> |
|---|---|--|--|---|

|  |  |
|--|--|
| <p><b>Replicas</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="87 1755 183 1947"> <p><b>Ball Abutment Replica</b></p>  <p>22505</p> </div> <div data-bbox="247 1755 375 1925"> <p><b>Locator™ Abutment Replica</b></p>  <p>24485</p> </div> </div> | <p><b>Attachment components</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="518 1755 598 1840"> <p><b>Clix Female</b></p>  <p>22383</p> </div> <div data-bbox="686 1755 813 1840"> <p><b>Clix Insert</b></p>  <p>22384</p> </div> <div data-bbox="877 1755 1149 1840"> <p><b>Locator™ Process Kit</b></p>  <p>24483</p> </div> <div data-bbox="1228 1755 1372 1872"> <p><b>Profile Bar System</b></p>  <p>22381</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div data-bbox="518 1883 598 1979"> <p><b>Ball Housing</b></p>  <p>22364</p> </div> <div data-bbox="869 1872 1181 1979"> <p><b>Locator™ Insert</b></p>  <ul style="list-style-type: none"> <li>Blue 24488</li> <li>Pink 24487</li> <li>Clear 24486</li> <li>Red 24492</li> <li>Green 24489</li> </ul> </div> <div data-bbox="1228 1883 1372 1979"> <p><b>Profile Bar Insert</b></p>  <p>22382</p> </div> </div> |
|--|--|

# SURGICAL COMPONENTS

## Implants – OsseoSpeed™ TX

### MEASUREMENTS



### SHORT FACTS

- X-Small connection – Yellow: Implant diameter 3.0
- Small connection – Aqua: Implant diameters 3.5 and 4.0.
- Large connection – Lilac: Implant diameters 4.5 and 5.0.

Implants for all indications in both the anterior and posterior region.  
 For indication details – see Instructions for use or Surgical procedures manual.  
 All our implants are made of commercially pure titanium, grade 4.  
 OsseoSpeed surface treatment over the entire implant to the top of the first MicroThread.  
 S = Straight implant design



### OsseoSpeed™ TX 3.0 S

Titanium, Sterile

OsseoSpeed, with a TiO<sub>2</sub>-blasted fluoride-modified surface.  
 MicroThread neck.  
 Conical Seal Design connection.  
 Internal double hexagon.  
 Ø 3.0 mm  
 Internal thread M1.4

■  
 Length mm  
 REF



### OsseoSpeed™ TX 3.5 S

Titanium, Sterile

OsseoSpeed, with a TiO<sub>2</sub>-blasted fluoride-modified surface.  
 MicroThread neck.  
 Conical Seal Design connection.  
 Internal double hexagon.  
 Ø 3.5 mm  
 Internal thread M1.6

■  
 Length mm  
 REF



### OsseoSpeed™ TX 4.0 S

Titanium, Sterile

OsseoSpeed, with a TiO<sub>2</sub>-blasted fluoride-modified surface.  
 MicroThread neck.  
 Conical Seal Design connection.  
 Internal double hexagon.  
 Ø 4.0 mm  
 Internal thread M1.6

■  
 Length mm  
 REF



## OsseoSpeed™ TX 4.5

Titanium, Sterile

OsseoSpeed, with a TiO<sub>2</sub>-blasted fluoride-modified surface.

MicroThread neck.

Conical Seal Design connection.

Internal double hexagon.

Ø 4.5/3.5 mm

Internal thread M2



Length mm

REF



|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 9     | 11    | 13    | 15    | 17    |
| 24951 | 24952 | 24953 | 24954 | 24955 |

## OsseoSpeed™ TX 5.0

Titanium, Sterile

OsseoSpeed, with a TiO<sub>2</sub>-blasted fluoride-modified surface.

MicroThread neck.

Conical Seal Design connection.

Internal double hexagon.

Ø 5.0/4.0 mm

Internal thread M2



Length mm

REF



|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 9     | 11    | 13    | 15    | 17    |
| 24961 | 24962 | 24963 | 24964 | 24965 |

## OsseoSpeed™ TX 5.0 S

Titanium, Sterile

OsseoSpeed, with a TiO<sub>2</sub>-blasted fluoride-modified surface.

MicroThread neck.

Conical Seal Design connection.

Internal double hexagon.

Ø 5.0 mm

Internal thread M2



Length mm

REF



|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 9     | 11    | 13    | 15    | 17    |
| 24971 | 24972 | 24973 | 24974 | 24975 |

## Radiographic Implant Guides

REF 24892





SOFT TISSUE HEALING

Cover screws & Healing abutments

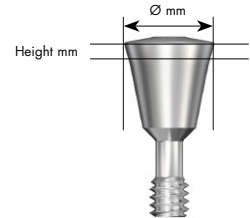
**Cover Screw 3.0**

Titanium, Sterile

Used to cover the implant connection during healing.

|   |   |
|---|---|
|  |  |
| Ø mm  | 2.3   |
| Height mm   | 0   |
| REF   | 24198   |




MEASUREMENTS



**Cover Screw 3.5/4.0**

Titanium, Sterile

Used to cover the implant connection during healing.

|   |   |   |
|---|---|---|
|  |  |  |
| Ø mm  | 2.9   | 3.1   |
| Height mm   | 0   | 1   |
| REF   | 24328   | 24329   |

SHORT FACTS

Recommended torque – Manual.  
Only light fingerforce (5–10 Ncm) using a manual hex screwdriver. Do not use a Ratchet or Torque Wrench.

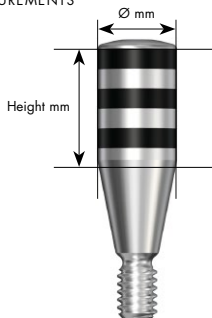
**Cover Screw 4.5/5.0**

Titanium, Sterile

Used to cover the implant connection during healing.

|   |   |   |
|---|---|---|
|  |  |  |
| Ø mm  | 3.9   | 4.6   |
| Height mm   | 0   | 1   |
| REF   | 24447   | 24448   |

MEASUREMENTS



SHORT FACTS

Recommended torque – Manual.  
Only light fingerforce (5–10 Ncm) using a manual hex screwdriver. Do not use a Ratchet or Torque Wrench.



Marked with lines to identify connection size.  
3.5/4.0 – marked with 2 lines.  
4.5/5.0 – marked with 3 lines.  
Marked with digit to identify height.

**Healing Abutment Uni 3.5/4.0**

Titanium, Sterile

Laser etched bands for measuring mucosal height over the implant.

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Ø mm  | 4   | 4   | 4   | 4   | 4   |
| Height mm   | 2   | 4   | 6   | 8   | 10  |
| REF   | 24374   | 24375   | 24376   | 24377   | 24378   |

**Healing Abutment Uni 4.5/5.0**





Titanium, Sterile

Laser etched bands for measuring mucosal height over the implant.

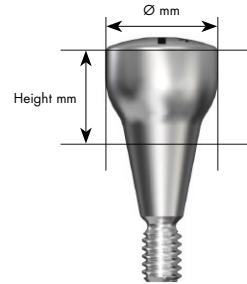
|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Ø mm  | 4   | 4   | 4   | 4   | 4   |
| Height mm   | 2   | 4   | 6   | 8   | 10  |
| REF   | 24379   | 24380   | 24381   | 24382   | 24383   |

### Healing Abutment 3.0

Titanium, Sterile

|   |   |   |  |
|---|---|---|--|
|  |  |  |  |
| Ø mm  | 4   | 4   | 4  |
| Height mm   | 2   | 4   | 6  |
| REF   | 24777   | 24778   | 25017  |

MEASUREMENTS







SHORT FACTS




Recommended torque – Manual.  
Only light fingerforce (5–10 Ncm) using a manual hex screwdriver.  
Do not use a Ratchet or Torque Wrench.

### Healing Abutment 3.5/4.0

Titanium, Sterile

|   |   |   |  |
|---|---|---|--|
|  |  |  |  |
| Ø mm  | 4   | 4.5   | 4.5  |
| Height mm   | 2   | 4   | 6  |
| REF   | 24574   | 24575   | 24576  |

|   |   |   |  |
|---|---|---|--|
|  |  |  |  |
| Ø mm  | 5.5   | 5.5   | 5.5  |
| Height mm   | 2   | 4   | 6  |
| REF   | 24577   | 24578   | 24579  |





|   |   |  |
|---|---|--|
|  |  |  |
| Ø mm  | 6.5   | 6.5  |
| Height mm   | 4   | 6  |
| REF   | 24580   | 24581  |







Marked with lines to identify connection size.  
3.0 – marked with 1 line.  
3.5/4.0 – marked with 2 lines.  
4.5/5.0 – marked with 3 lines.  
Marked with digits to identify diameter (Ø) and height.

### Healing Abutment 4.5/5.0

Titanium, Sterile

|   |   |   |  |
|---|---|---|--|
|  |  |  |  |
| Ø mm  | 5.5   | 5.5   | 5.5  |
| Height mm   | 2   | 4   | 6  |
| REF   | 24582   | 24583   | 24584  |

|   |   |   |  |
|---|---|---|--|
|  |  |  |  |
| Ø mm  | 6.5   | 6.5   | 6.5  |
| Height mm   | 2   | 4   | 6  |
| REF   | 24585   | 24586   | 24587  |

# SOFT TISSUE HEALING & TEMPORARY ABUTMENTS

## Temporary abutments

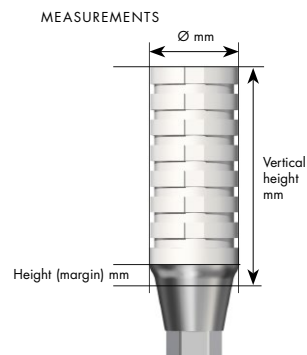
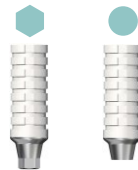
### TempDesign™ 3.5/4.0

Base: Titanium  
Cylinder: Plastic

Includes Abutment Screw Design  
3.5/4.0 – M1.6, REF 24449  
(Titanium)  
NI = Non Indexed



|                    |       |       |
|--------------------|-------|-------|
| Ø mm               | 4.1   | 4.1   |
| Height (margin) mm | 1     | 1     |
| Vert. height mm    | 10    | 10    |
| REF                | 22851 | 22853 |



SHORT FACTS  
Recommended torque for  
temporization – 15 Ncm.

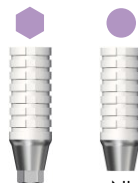
### TempDesign™ 4.5/5.0

Base: Titanium  
Cylinder: Plastic

Includes Abutment Screw Design  
4.5/5.0 – M2, REF 24209  
(Titanium)



|                    |       |       |
|--------------------|-------|-------|
| Ø mm               | 4.5   | 4.5   |
| Height (margin) mm | 1     | 1     |
| Vert. height mm    | 10    | 10    |
| REF                | 22852 | 22854 |



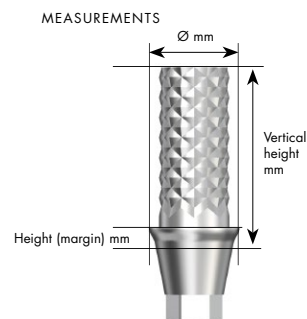
### Temporary Abutment 3.0

Titanium

Includes Abutment Screw 3.0  
– M1.4, REF 24189  
(Titanium)



|                    |       |
|--------------------|-------|
| Ø mm               | 3.4   |
| Height (margin) mm | 1     |
| Vert. height mm    | 9     |
| REF                | 25018 |



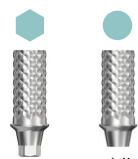
### Temporary Abutment 3.5/4.0

Titanium

Includes Abutment Screw Design  
3.5/4.0 – M1.6, REF 24449  
(Titanium)  
NI = Non Indexed



|                    |       |       |
|--------------------|-------|-------|
| Ø mm               | 4.1   | 4.1   |
| Height (margin) mm | 1     | 1     |
| Vert. height mm    | 9     | 9     |
| REF                | 24281 | 24280 |



SHORT FACTS  
Recommended torque for  
temporization – 15 Ncm.

### Temporary Abutment 4.5/5.0

Titanium

Includes Abutment Screw Design  
4.5/5.0 – M2, REF 24209  
(Titanium)



|                    |       |       |
|--------------------|-------|-------|
| Ø mm               | 4.5   | 4.5   |
| Height (margin) mm | 1     | 1     |
| Vert. height mm    | 9     | 9     |
| REF                | 25015 | 25016 |



# Components for cement-retained restorations



## Optimal function and long-lasting esthetics

The restorative assortment for cement-retained solutions covers everything you need in order to create optimal function and natural long-lasting esthetics.

The assortment includes a wide range of abutments in order to successfully meet every clinical indication. The components are designed to give optimal treatment results for single, partial and full jaw bridge restorations.

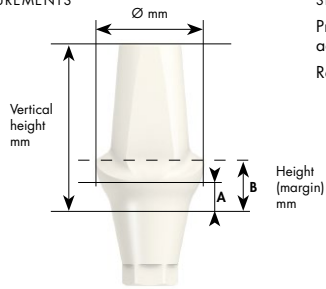
The absolute top-of-the-line when it comes to cement-retained restorations is ATLANTIS – CAD/CAM designed patient-specific abutments for all major implant systems.

The ATLANTIS abutment is available in different materials, such as titanium, gold-shaded titanium, white and shaded zirconia. For more information about ATLANTIS abutment, please contact your local sales representative or visit [www.dentsplyimplants.com](http://www.dentsplyimplants.com).

# CEMENT-RETAINED RESTORATIONS

## Cement-retained abutments

### MEASUREMENTS



### SHORT FACTS

Pre-designed for quick and easy adjustment.

Recommended torque – ● 20 Ncm  
● 25 Ncm

## ZirDesign™ 3.5/4.0

Zirconia

Includes Abutment Screw Design 3.5/4.0 – M1.6, REF 24449 (Titanium)



|                  |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|
| Angulation       |       |       |       |       | 20°   |
| Ø mm             | 4.5   | 4.5   | 5.5   | 5.5   | 5.5   |
| Height bucc A mm | 1.5   | 3     | 1.5   | 3     | 3.5   |
| ling B mm        | 2.5   | 4     | 2.5   | 4     | 3.5   |
| Vert. height mm  | 9     | 10    | 9     | 10    | 9.5   |
| REF              | 24702 | 24703 | 24704 | 24705 | 24706 |



## ZirDesign™ 4.5/5.0

Zirconia

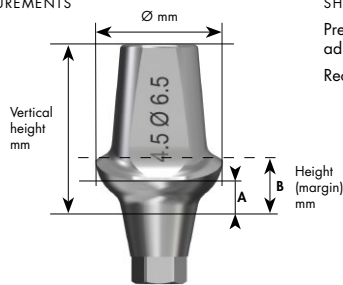
Includes Abutment Screw Design 4.5/5.0 – M2, REF 24209 (Titanium)



|                  |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|
| Angulation       |       |       |       |       | 20°   |
| Ø mm             | 5.5   | 5.5   | 6.5   | 6.5   | 5.5   |
| Height bucc A mm | 1.5   | 3     | 1.5   | 3     | 3.5   |
| ling B mm        | 2.5   | 4     | 2.5   | 4     | 3.5   |
| Vert. height mm  | 9     | 10    | 9     | 10    | 9.5   |
| REF              | 24707 | 24708 | 24709 | 24710 | 24711 |



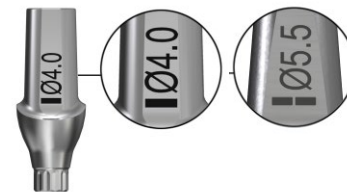
### MEASUREMENTS



### SHORT FACTS

Pre-designed for quick and easy adjustment.

Recommended torque – ● 15 Ncm  
● 20 Ncm  
● 25 Ncm



Marked with lines to identify connection size  
3.0 – marked with one line.  
3.5/4.0 – marked with two lines.  
Marked with digits to identify diameter (Ø) and height.

## TiDesign™ 3.0

Titanium

Includes Abutment Screw Design 3.0 – M1.4, REF 24189 (Titanium)



|                  |       |       |       |
|------------------|-------|-------|-------|
| Angulation       |       |       | 15°   |
| Ø mm             | 4.0   | 4.0   | 4.0   |
| Height bucc A mm | 1     | 2     | 2.4   |
| ling B mm        | 1.5   | 2.5   | 2.4   |
| Vert. height mm  | 7     | 8     | 7     |
| REF              | 24788 | 24789 | 24790 |





### TiDesign™ 3.5/4.0

Titanium

Includes Abutment Screw Design  
3.5/4.0 – M1.6, REF 24449  
(Titanium)



|                  |       |       |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Angulation       |       |       |       |       |       |       | 20°   | 20°   |
| Ø mm             | 4.5   | 4.5   | 5.5   | 5.5   | 6.5   | 6.5   | 4.5   | 5.5   |
| Height bucc A mm | 1.5   | 3     | 1.5   | 3     | 1.5   | 3     | 3.5   | 3.5   |
| ling B mm        | 2.5   | 4     | 2.5   | 4     | 2.5   | 4     | 3.5   | 3.5   |
| Vert. height mm  | 9     | 10    | 9     | 10    | 9     | 10    | 9.5   | 9.5   |
| REF              | 24285 | 24286 | 24287 | 24288 | 24289 | 24290 | 24291 | 24292 |



### TiDesign™ 4.5/5.0

Titanium

Includes Abutment Screw Design  
4.5/5.0 – M2, REF 24209  
(Titanium)



|                  |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|
| Angulation       |       |       |       |       | 20°   |
| Ø mm             | 5.5   | 5.5   | 6.5   | 6.5   | 5.5   |
| Height bucc A mm | 1.5   | 3     | 1.5   | 3     | 3.5   |
| ling B mm        | 2.5   | 4     | 2.5   | 4     | 3.5   |
| Vert. height mm  | 9     | 10    | 9     | 10    | 9.5   |
| REF              | 24235 | 24236 | 24237 | 24238 | 24239 |



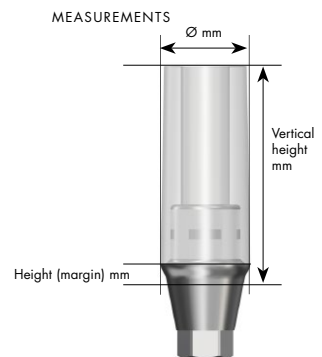
### CastDesign™ 3.5/4.0

Base: Non-oxidizing gold alloy  
Cylinder: Burnout plastic

Includes Abutment Screw Design  
3.5/4.0 – M1.6, REF 24449  
(Titanium)



|                    |       |
|--------------------|-------|
| Ø mm               | 4.1   |
| Height (margin) mm | 1     |
| Vert. height mm    | 10    |
| REF                | 22843 |



SHORT FACTS

Recommended torque – ● 20 Ncm  
● 25 Ncm

### CastDesign™ 4.5/5.0

Base: Non-oxidizing gold alloy  
Cylinder: Burnout plastic

Includes Abutment Screw Design  
4.5/5.0 – M2, REF 24209  
(Titanium)



|                    |       |
|--------------------|-------|
| Ø mm               | 4.5   |
| Height (margin) mm | 1     |
| Vert. height mm    | 10    |
| REF                | 22844 |



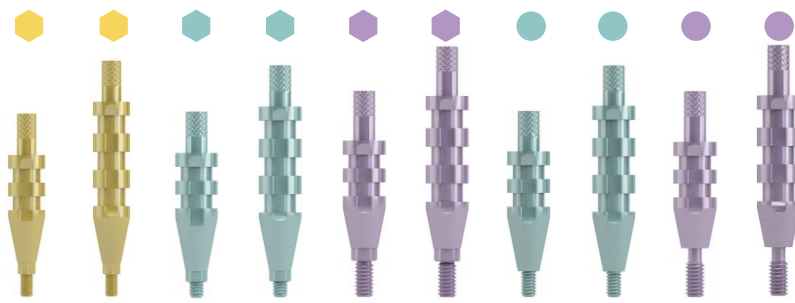
## CEMENT-RETAINED RESTORATIONS

### Impression & laboratory components

#### Implant Pick-up 3.0, 3.5/4.0, 4.5/5.0

Titanium  
NI = Non Indexed

Two piece component:  
includes pick-up and guide pin.




|           |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           |       |       |       |       |       |       |       |       |       |       |
|           |       |       |       |       |       |       |       |       |       |       |
| Length mm | 21    | 26    | 21    | 26    | 22    | 27    | 21    | 26    | 22    | 27    |
| REF       | 24950 | 24949 | 24947 | 24948 | 24938 | 24946 | 24936 | 24937 | 24928 | 24929 |

#### Implant Transfer 3.0, 3.5/4.0, 4.5/5.0

Titanium


Internal thread.  
Two piece component:  
includes sleeve and pin.



|           |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|
|           |       |       |       |       |       |
|           |       |       |       |       |       |
| Product   | Long  | Short | Long  | Short | Long  |
| Length mm | 19    | 16    | 19    | 18    | 21    |
| REF       | 24958 | 24959 | 24960 | 24956 | 24957 |

#### Implant Replica 3.0, 3.5/4.0, 4.5/5.0

Titanium



|           |       |       |       |
|-----------|-------|-------|-------|
|           |       |       |       |
|           |       |       |       |
| Length mm | 15    | 15    | 15.5  |
| REF       | 24977 | 24978 | 24979 |

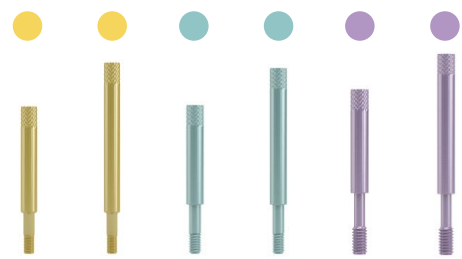
#### Implant Guide Pin 3.0, 3.5/4.0, 4.5/5.0

Titanium

Used when working with abutments  
tightened with  
Abutment screw – M1.4

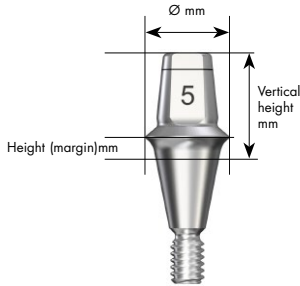
Abutment screw – M1.6

Abutment screw – M2



|           |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|
|           |       |       |       |       |       |       |
|           |       |       |       |       |       |       |
| Length mm | 21    | 26    | 21    | 26    | 22    | 27    |
| REF       | 24970 | 24976 | 24968 | 24969 | 24966 | 24967 |

MEASUREMENTS



SHORT FACTS

6 degree tapered top cone.  
 Laser marked line for simplified occlusal reduction at 1 mm line.  
 Recommended torque – ● 25 Ncm  
 ● 25 Ncm  
 Marked with digit to identify diameter (Ø).



**Direct Abutment API™**  
**3.5/4.0 ●**

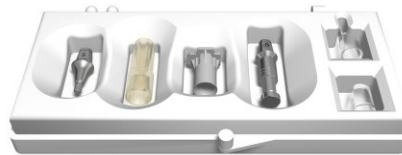
API = All parts included

| Ø mm | Height (margin) mm | REF   |
|------|--------------------|-------|
| 4    | 0.5                | 24917 |
| 4    | 1                  | 24918 |
| 4    | 2.5                | 24919 |
| 4    | 4                  | 24920 |



DA 4 Metal Carrier for seating and retrieval of Direct Abutment Ø 4, see pages 20 and 49.

| Ø mm | Height (margin) mm | REF   |
|------|--------------------|-------|
| 5    | 1                  | 24921 |
| 5    | 2.5                | 24922 |
| 5    | 4                  | 24923 |



**Direct Abutment API™**  
**4.5/5.0 ●**

| Ø mm | Height (margin) mm | REF   |
|------|--------------------|-------|
| 5    | 0.5                | 24558 |
| 5    | 1                  | 24559 |
| 5    | 2.5                | 24560 |
| 5    | 4                  | 24561 |



| Ø mm | Height (margin) mm | REF   |
|------|--------------------|-------|
| 6    | 1                  | 24562 |
| 6    | 2.5                | 24563 |
| 6    | 4                  | 24564 |



CEMENT-RETAINED RESTORATIONS

Direct Abutment™ & separate items

**Direct Abutment™ 3.5/4.0**

Titanium

|                    |       |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
|                    |       |       |       |       |       |       |       |
| Ø mm               | 4     | 4     | 4     | 4     | 5     | 5     | 5     |
| Height (margin) mm | 0.5   | 1     | 2.5   | 4     | 1     | 2.5   | 4     |
| Vert. height mm    | 6     | 6     | 8     | 9     | 6     | 8     | 9     |
| REF                | 24910 | 24911 | 24912 | 24913 | 24914 | 24915 | 24916 |

**Direct Abutment™ 4.5/5.0**

Titanium

|                    |       |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
|                    |       |       |       |       |       |       |       |
| Ø mm               | 5     | 5     | 5     | 5     | 6     | 6     | 6     |
| Height (margin) mm | 0.5   | 1     | 2.5   | 4     | 1     | 2.5   | 4     |
| Vert. height mm    | 6     | 6     | 8     | 9     | 6     | 8     | 9     |
| REF                | 24527 | 24528 | 24529 | 24530 | 24537 | 24538 | 24539 |

**Direct Abutment™ Healing Cap**

Plastic

|      |       |       |       |
|------|-------|-------|-------|
|      |       |       |       |
| Ø mm | 4     | 5     | 6     |
| REF  | 22720 | 22721 | 22722 |

**Direct Abutment™ Impression Pick-up**

Plastic

|      |       |       |       |
|------|-------|-------|-------|
|      |       |       |       |
| Ø mm | 4     | 5     | 6     |
| REF  | 22710 | 22711 | 22712 |

**Direct Abutment™ Replica**

Stainless steel

|      |       |       |       |
|------|-------|-------|-------|
|      |       |       |       |
| Ø mm | 4     | 5     | 6     |
| REF  | 22054 | 22064 | 22065 |

**Direct Abutment™ Burnout Cylinder**

Plastic

|      |       |       |       |
|------|-------|-------|-------|
|      |       |       |       |
| Ø mm | 4     | 5     | 6     |
| REF  | 22372 | 22373 | 22379 |

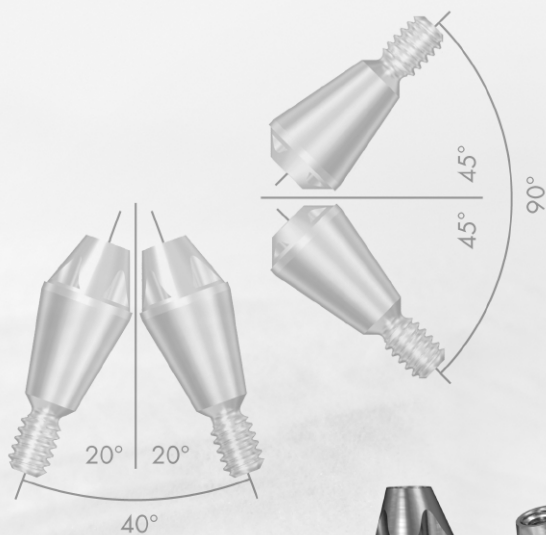
**Direct Abutment™ Carrier**

Plastic/Stainless steel

DA 4 Metal Carrier for seating and retrieval of Direct Abutment Ø 4, see also page 49.

|      |       |       |       |       |
|------|-------|-------|-------|-------|
|      |       |       |       |       |
| Ø mm | 4     | 5     | 6     | 4     |
| REF  | 24137 | 24138 | 24139 | 22850 |

# Components for screw-retained restorations



## Well documented solutions for predictable clinical success

For screw-retained restorations, the ASTRA TECH Implant System provides abutments for all treatment indications. The components are designed for full flexibility and optimal results for partial as well as full jaw restorations. The UniAbutment, with its conical abutment top supporting the restoration, provide mechanical, clinical and biological support. The flexibility for implants placed in non-parallel positions with limited vertical space available, provides freedom and satisfaction for each clinician.



ATLANTIS ISUS implant suprastructures are the benchmark for fixed and removable dental prostheses. The suprastructures are produced using the latest developments in CAD/CAM technology, and milled from solid blocks of titanium or cobalt-chrome.



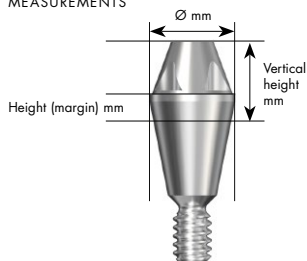
ATLANTIS ISUS offers an expansive range of flexibility in therapy and design options, with CAD/CAM precision that provides a tension-free fit. Available for the major implant systems, ATLANTIS ISUS offers bars, bridges, hybrids and unique 2in1 solutions.

For more information, please contact your local sales representative, or visit [www.dentsplyimplants.com](http://www.dentsplyimplants.com)

# SCREW-RETAINED RESTORATIONS

## UniAbutment

### MEASUREMENTS



### SHORT FACTS

Height of 20° tapered top cone – 2.15 mm.  
 Height of 45° tapered top cone – 0.8 mm.  
 Removal grooves.  
 Pre-mounted with carrier.  
 Recommended torque – 15 Ncm.



### 20° UniAbutment 3.5/4.0

Titanium, Sterile

20° tapered top

|                    |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|
|                    |       |       |       |       |       |       |
| Ø mm               | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| Height (margin) mm | 0.5   | 1     | 2     | 4     | 6     | 8     |
| Vert. height mm    | 2.5   | 3     | 4     | 6     | 8     | 10    |
| REF                | 24893 | 24894 | 24895 | 24896 | 24897 | 24898 |

### 45° UniAbutment 3.5/4.0

Titanium, Sterile

45° tapered top

|                    |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|
|                    |       |       |       |       |       |       |
| Ø mm               | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| Height (margin) mm | 0.5   | 1     | 2     | 4     | 6     | 8     |
| Vert. height mm    | 1     | 2     | 3     | 5     | 7     | 9     |
| REF                | 24899 | 24900 | 24901 | 24902 | 24903 | 24904 |

### 20° UniAbutment 4.5/5.0

Titanium, Sterile

20° tapered top

|                    |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|
|                    |       |       |       |       |       |       |
| Ø mm               | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| Height (margin) mm | 0.5   | 1     | 2     | 4     | 6     | 8     |
| Vert. height mm    | 2.5   | 3     | 4     | 6     | 8     | 10    |
| REF                | 24398 | 24399 | 24400 | 24401 | 24402 | 24403 |

### 45° UniAbutment 4.5/5.0

Titanium, Sterile

45° tapered top

|                    |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|
|                    |       |       |       |       |       |       |
| Ø mm               | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| Height (margin) mm | 0.5   | 1     | 2     | 4     | 6     | 8     |
| Vert. height mm    | 1     | 2     | 3     | 5     | 7     | 9     |
| REF                | 24406 | 24407 | 24408 | 24409 | 24410 | 24411 |



Easy to remove the UniAbutment with Removal Tool M1.4, see page 49.

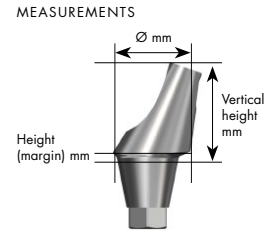
### Angled Abutment 3.5/4.0

Titanium, Sterile

Angulation 20°  
Includes Abutment Screw Angled  
3.5/4.0 – M1.6, REF 24439  
(Titanium)



|                    |       |       |       |       |
|--------------------|-------|-------|-------|-------|
|                    |       |       |       |       |
| Ø mm               | 4     | 4     | 4     | 4     |
| Height (margin) mm | 0.8   | 2     | 0.8   | 2     |
| Vert. height mm    | 6     | 7     | 6     | 7     |
| REF                | 24245 | 24246 | 24347 | 24348 |



SHORT FACTS  
Recommended torque – ● 20 Ncm  
● 25 Ncm

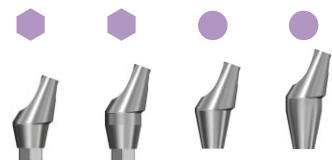
### Angled Abutment 4.5/5.0

Titanium, Sterile

Angulation 20°  
Includes Abutment Screw Angled  
4.5/5.0 – M2, REF 22487  
(Titanium)



|                    |       |       |       |       |
|--------------------|-------|-------|-------|-------|
|                    |       |       |       |       |
| Ø mm               | 4     | 4     | 4     | 4     |
| Height (margin) mm | 0.5   | 2     | 0.5   | 2     |
| Vert. height mm    | 6     | 7     | 6     | 7     |
| REF                | 24247 | 24248 | 24606 | 24607 |

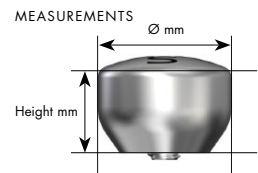


### 20° ProHeal Cap

Titanium, Sterile

Healing cap  
for 20° UniAbutments.

|           |       |       |       |
|-----------|-------|-------|-------|
|           |       |       |       |
|           | Short | Short | Long  |
| Ø mm      | 4.3   | 5.5   | 5.5   |
| Height mm | 4     | 3.8   | 5.8   |
| REF       | 24162 | 24158 | 24159 |



SHORT FACTS  
Recommended torque – Manual.  
Only light fingerforce (5–10 Ncm)  
using a manual hex screwdriver.  
Do not use a Ratchet or Torque  
Wrench.

### 45° ProHeal Cap

Titanium, Sterile

Healing cap for 45° UniAbutments.

|           |       |       |       |
|-----------|-------|-------|-------|
|           |       |       |       |
|           | Short | Short | Long  |
| Ø mm      | 4.3   | 5.5   | 5.5   |
| Height mm | 2.7   | 3.8   | 5.8   |
| REF       | 24163 | 24160 | 24161 |

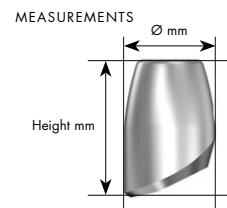
### Healing Cap Angled

Titanium, Sterile

Includes Bridge Screw, Slot, REF 22167



|           |       |
|-----------|-------|
|           |       |
| Ø mm      | 5     |
| Height mm | 7.5   |
| REF       | 24092 |



SHORT FACTS  
Recommended torque – Manual.

SCREW-RETAINED RESTORATIONS

Impression & laboratory components

**20° UniAbutment Pick-up**

Stainless steel

Two piece component: pick-up and guide pin.

Ø mm  
REF



**45° UniAbutment Pick-up**

Stainless steel

Two piece component: pick-up and guide pin.

Ø mm  
REF



**20°/45° UniAbutment Transfer**

Stainless steel

Used for 20° and 45° UniAbutment.  
When using transfer, information on which abutment used must be communicated to the lab.

REF 22068



**Angled Abutment Pick-up**

Stainless steel

Two piece component: pick-up and guide pin.

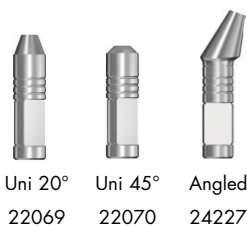
REF 24254



**Abutment Replica**

Stainless steel

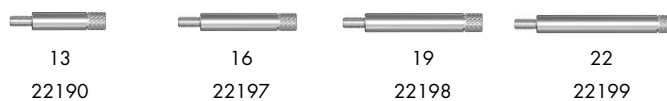
Product  
REF



**Abutment Guide Pin, M1.4**

Stainless steel

Length mm  
REF





### Bridge Screw, M1.4

Titanium

Recommended torque is 1.5 Ncm.



|                 | Hex   | Slot  |
|-----------------|-------|-------|
| Screw head Ø mm | 2.3   | 2.3   |
| Head depth mm   | 1.8   | 1     |
| REF             | 22435 | 22167 |

### Temporary Cylinder

Titanium



|     | Uni 20° | Uni 45° | Angled |
|-----|---------|---------|--------|
| REF | 22060   | 22061   | 22447  |

### Semi-Burnout Cylinder

Base: Non-oxidizing gold alloy

Cylinder: Plastic



|     | Uni 20° | Uni 45° | Angled |
|-----|---------|---------|--------|
| REF | 22184   | 22185   | 24243  |

### Burnout Cylinder

Plastic



|     | Uni 20° | Uni 45° | Angled |
|-----|---------|---------|--------|
| REF | 22186   | 22187   | 22448  |

### Titanium Cylinder

Base: Titanium

Cylinder: Plastic



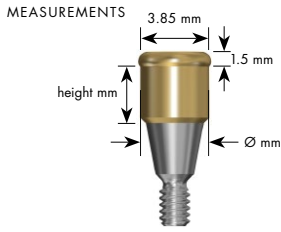
|     | Uni 20° | Uni 45° | Angled |
|-----|---------|---------|--------|
| REF | 22798   | 22799   | 24244  |

# Components for Attachment-retained restorations

## Attached to implants

There are several indications for overdenture treatment in connection with implant therapy. Functional, esthetic, phonetic and hygienic requirements in certain clinical situations support the use of the overdenture as a treatment option. The presence of at least one implant in each quadrant of the jaw, combined with a suitable attachment system, makes overdenture treatment a viable alternative when treating totally edentulous jaws.





SHORT FACTS

Diameter of Locator retention top – 3.85 mm.  
1.5 mm of the top should be supragingival to be able to retain the overdenture.

Recommended torque – ● 25 Ncm  
● 25 Ncm

**Locator™ Abutment 3.5/4.0**

Titanium  
TiN-coating



|           |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|
| Ø mm      | 3.7   | 3.7   | 3.7   | 3.7   | 3.7   |
| Height mm | 1     | 2     | 3     | 4     | 5     |
| REF       | 24268 | 24269 | 24270 | 24271 | 24272 |



**Locator™ Abutment 4.5/5.0**

Titanium  
TiN-coating



|           |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|
| Ø mm      | 3.7   | 3.7   | 3.7   | 3.7   | 3.7   |
| Height mm | 0.5   | 2     | 3     | 4     | 5     |
| REF       | 24477 | 24478 | 24479 | 24480 | 24481 |



**Locator™ Abutment Pick-up**

Aluminum  
QTY 4

REF 24484



**Locator™ Abutment Replica**

Aluminum  
QTY 4

REF 24485



**Locator™ Process Kit**

QTY 2 sets

REF 24483



**Locator™ Inserts**

Plastic

QTY 4

\*For nonparallel implants

|       |       |       |       |         |           |
|-------|-------|-------|-------|---------|-----------|
| REF   | 24488 | 24487 | 24486 | 24492*  | 24489*    |
| Grams | 680   | 1361  | 2268  | 226-680 | 1361-1814 |



# ATTACHMENT-RETAINED RESTORATIONS

## Locator™ and Ball Abutment

### Locator™ Core Tool

Stainless steel

REF 24482



### Locator™ Torque Wrench Bit

Stainless steel

Used in combination with Torque Wrench.

REF



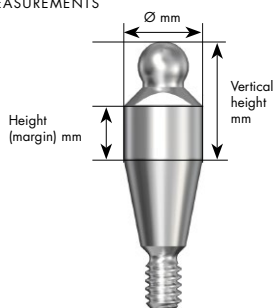
15 mm

21 mm

24490

24491

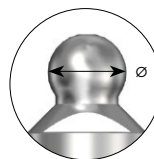
#### MEASUREMENTS



#### SHORT FACTS

Height of the ball from the margin – 2.85 mm.  
Installed using Ball Wrench, REF 24367.

Recommended torque – ● 25 Ncm  
● 25 Ncm



Diameter of the ball – 2.25 mm.

### Ball Abutment 3.5/4.0

Titanium, Sterile

Ball Ø 2.25 mm



Ø mm

Height (margin) mm

Vert. height mm

REF

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
|       |       |       |       |       |
| 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| 1     | 2     | 4     | 6     | 8     |
| 4     | 5     | 7     | 9     | 11    |
| 24905 | 24906 | 24907 | 24908 | 24909 |

### Ball Abutment 4.5/5.0

Titanium, Sterile

Ball Ø 2.25 mm



Ø mm

Height (margin) mm

Vert. height mm

REF

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
|       |       |       |       |       |       |
| 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| 0.5   | 1     | 2     | 4     | 6     | 8     |
| 3.5   | 4     | 5     | 7     | 9     | 11    |
| 24418 | 24419 | 24420 | 24421 | 24422 | 24423 |



Restorative abutment options for overdenture treatment.

**Ball Abutment Pick-up**

Plastic

REF 22439



**Ball Abutment Replica**

Stainless steel

REF 22505



**Clix Female**

Titanium and plastic

O-ring spacer included.

REF 22383



**Clix Inserts**

Plastic

REF 22384

QTY 6 (2 of each)

Grams



750

1150

1500

**Ball Housing**

Gold Alloy

O-ring spacer pre-mounted.

REF 22364



**Ball Wrench**

Stainless steel

Wrench for seating and retrieval of Ball Abutment. Used together with Ratchet Wrench, Torque Wrench or Surgical Wrench.

REF 24367



**Clix Insertion Tool**

Stainless steel

REF 22385



**Activator/Deactivator, Ball Housing**

Stainless steel

REF



Activator  
22366

Deactivator  
22365

**Paralleling Mandrel, Female**

Stainless steel

REF 22371

Used for Clix Female and Ball Housing.



## ATTACHMENT-RETAINED RESTORATIONS

### Bar attachments & cylinders



#### SHORT FACTS

The following components should be utilized with UniAbutments (see page 23).

### Profile Bar System

Used in combination with UniAbutment and Semi-Burnout Cylinder.

REF 22381



### Profile Bar Insert

Plastic

QTY 6 (2 of each)

REF 22382

Grams



700

1100

1500

### OD Cylinder

Gold Alloy

Used in combination with UniAbutment and bridge screw slot.

REF



Uni 20°

22182



Uni 45°

22183

### Round Bar

Gold Alloy

Includes Tin spacer

REF 22362



### Rider, Round Bar

Gold Alloy

REF 22363



# Surgical instruments

## Getting started

If you are new to the ASTRA TECH Implant System, we recommend the following instruments to get started:

**Surgical Instrument Kit**, REF 24980 – see page 32

**Surgical Tray**, REF 24349 – see page 32

**Ratchet Wrench**, REF 24357 – see page 33

and your choice of:

**Single Patient drills** – see page 37

**Multiple-use drills** – see pages 39-40

**ALTERNATIVE** – for use with Single Patient Drills only:

**Surgical Instrument Kit**, REF 24980 – see page 32

**Restorative Tray**, REF 22495 – see page 44

**Ratchet Wrench**, REF 24357 – see page 33

Your choice of Single Patient drills, see page 38.



## Surgical Instrument Kit

Surgical Instrument Kit Includes:

|                               |     |       |
|-------------------------------|-----|-------|
| Direction Indicator 2.0/3.2   | (4) | 22434 |
| Implant Depth Gauge 6–19 mm   | (1) | 24801 |
| Implant Driver 3.5/4.0, Short | (1) | 25009 |
| Implant Driver 3.5/4.0, Long  | (1) | 25010 |
| Implant Driver 4.5/5.0, Short | (1) | 25011 |
| Implant Driver 4.5/5.0, Long  | (1) | 25012 |
| Hex CA Driver, Short          | (1) | 22548 |
| Hex CA Driver, Long           | (1) | 22549 |
| Drill Extension               | (1) | 22520 |
| Driver Handle                 | (1) | 24358 |

REF 24980

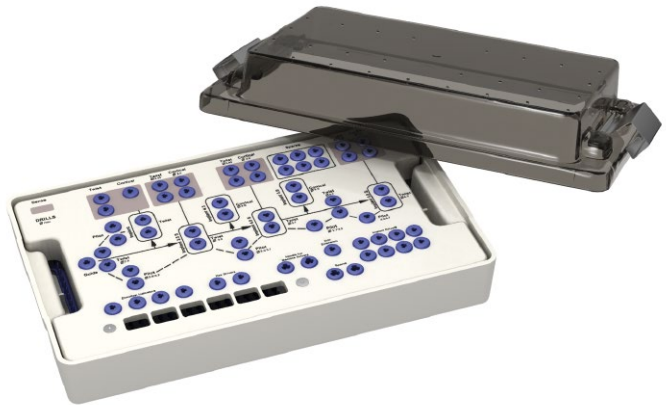


**Note:** Does not include implant drivers for 3.0 implant.

## Surgical Tray

No instruments included.

REF 24349

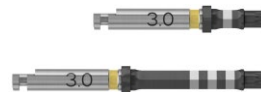


## Implant Driver 3.0



Short, 19 mm  
REF 25007

Long, 28 mm  
REF 25008



## Implant Driver 3.5/4.0



Short, 19 mm  
REF 25009

Long, 28 mm  
REF 25010



## Implant Driver 4.5/5.0



Short, 20 mm  
REF 25011

Long, 28 mm  
REF 25012



Used to engage and place implants.

Short drivers are ideal for the posterior region.



### Ratchet Wrench

Stainless steel

Wrench without torque function.

REF 24357



### Driver Handle

Stainless steel

Used in combination with Ratchet Wrench and/or machine/contra angle (CA) instruments.

REF 24358



### Wrench Adapter

Stainless steel

For handling of Implant Drivers. Only needed for customers who already have Surgical Wrench (REF 24178) or Torque Wrench (REF 24075).

REF 24572



### Direction Indicator 2.0/3.2

Titanium

For use after 2.0 mm and/or 3.2 mm Twist Drill.

REF 22434



### Titanium Bowl

Titanium

REF 22137



### Implant Depth Gauge, 6–19 mm

Titanium

Laser etched bands for measuring of implant and soft tissue heights. Waist at 13–15 mm indication.

REF 24801



### Periotome

Titanium

For atraumatic tooth extraction.

Posterior  
Curved/straight edge  
REF 24274



Anterior  
Curved/straight edge  
REF 24275



## SURGICAL INSTRUMENTS

### Wrench

Titanium

Use together with any adapter and/or retriever.

REF 22124



### Forceps

Titanium

94 mm  
REF 22437



### Hex Screwdriver

Stainless steel

Hexagonal screwdriver.

Short, 20 mm  
REF 22514



Intermediate, 31 mm  
REF 22515



Long, 43 mm  
REF 22516



### Hex CA Driver

Stainless steel

Hexagonal screwdriver for Contra Angle and/or Driver Handle.

Short, 24 mm  
REF 22548



Long, 35 mm  
REF 22549



## Osteotome Kit

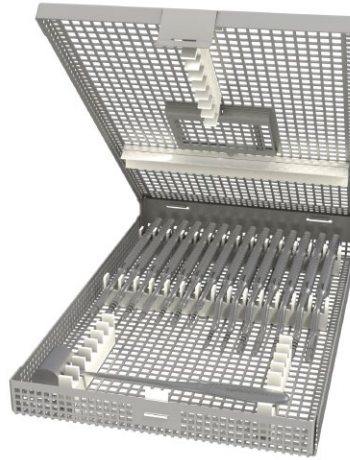
Stainless steel

REF 22956

Astra Tech Osteotome Kit includes:

|                         |     |       |
|-------------------------|-----|-------|
| Osteotome Tray, Large   | (1) | 22953 |
| Osteotome Set, Round    | (1) | 22937 |
| Osteotome Set, Concave  | (1) | 22947 |
| Osteotome Mallet, Small | (1) | 22955 |

**Note:** Does not include Osteotomes for 5.0 S implants.



## Osteotome Set, Round, Straight

Stainless steel

REF 22937

Seven straight instruments with round tips.  
Also available as separate items.

|                                    |     |       |
|------------------------------------|-----|-------|
| Osteotome 2.0/2.5, Round, Straight | (1) | 22930 |
| Osteotome 2.5/3.2, Round, Straight | (1) | 22931 |
| Osteotome 3.2, Round, Straight     | (1) | 22932 |
| Osteotome 3.2/3.7, Round, Straight | (1) | 22933 |
| Osteotome 3.7, Round, Straight     | (1) | 22934 |
| Osteotome 3.2/4.3, Round, Straight | (1) | 22935 |
| Osteotome 3.7/4.8, Round, Straight | (1) | 22936 |

**Note:** Does not include Osteotomes for 5.0 S implants.



## Osteotome Set, Concave, Bayonet

Stainless steel

REF 22947

Seven bayonet shaped instruments with concave tips. Also available as separate items.

|                                     |     |       |
|-------------------------------------|-----|-------|
| Osteotome 2.0/2.5, Concave, Bayonet | (1) | 22940 |
| Osteotome 2.5/3.2, Concave, Bayonet | (1) | 22941 |
| Osteotome 3.2, Concave, Bayonet     | (1) | 22942 |
| Osteotome 3.2/3.7, Concave, Bayonet | (1) | 22943 |
| Osteotome 3.7, Concave, Bayonet     | (1) | 22944 |
| Osteotome 3.2/4.3, Concave, Bayonet | (1) | 22945 |
| Osteotome 3.7/4.8, Concave, Bayonet | (1) | 22946 |

**Note:** Does not include Osteotomes for 5.0 S implants.



## Osteotome Mallet, Small

Stainless steel

REF 22955



### Osteotome Set 5.0 S, Round, Straight

Stainless steel

REF 24687

Four straight instruments with round tips.  
Also available as separate items.



|                                    |       |
|------------------------------------|-------|
| Osteotome 3.7/4.2, Round, Straight | 24339 |
| Osteotome 4.2, Round, Straight     | 24684 |
| Osteotome 4.2/4.7, Round, Straight | 24685 |
| Osteotome 4.7, Round, Straight     | 24686 |

### Osteotome Set 5.0 S, Concave, Bayonet

Stainless steel

REF 24692

Four bayonet shaped instruments with concave tips. Also available as separate items.



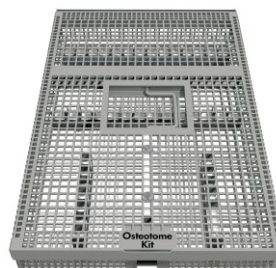
|                                     |       |
|-------------------------------------|-------|
| Osteotome 3.7/4.2, Concave, Bayonet | 24688 |
| Osteotome 4.2, Concave, Bayonet     | 24689 |
| Osteotome 4.2/4.7, Concave, Bayonet | 24690 |
| Osteotome 4.7, Concave, Bayonet     | 24691 |

### Osteotome Tray, Large

Stainless steel

REF 22953

No instruments included.  
Room for 14 osteotomes.



### Osteotome Tray, Small

Stainless steel

REF 24693

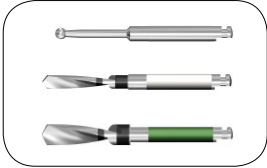
No instruments included.  
Room for 7 osteotomes.



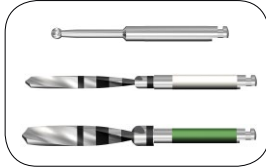
### Single Patient Drill Kits

Stainless steel  
Sterile  
Laser etched depth indication.

Includes:  
Guide Drill  
SP Twist Drill Ø 2.0  
SP Twist Drill Ø 3.2



Short, 8-13 mm  
REF 22898



Long, 8-19 mm  
REF 22899

### Single Patient Drill Kit 6-13 mm

Stainless steel  
Sterile  
Laser etched depth indication.

Includes:  
SP Twist Drill Ø 2.0, 6-13 mm  
SP Twist Drill Ø 3.2, 6-13 mm



REF 24737\*

**Note:** SP Drills included in kits are not available as separate items.










































\*For OsseoSpeed TX 4.0 S – 6 mm



DRILLS  
**Single Patient drills**

## Single Patient Drills

Stainless steel  
 Sterile  
 Laser etched depth indication.

|                                   |        |   |       |   |  |
|-----------------------------------|--------|---|-------|---|--|
|                                   | REF    |   |       |   |  |
| SP Twist Drill Ø 3.7, 6–13 mm     | 24199* |    |       |   |  |
| SP Twist Drill Ø 3.85, 6–13 mm    | 24734* |    |       |   |  |
|                                   | REF    | <b>Short 8–13 mm</b>  | REF   | <b>Long 8–19 mm</b>   |  |
| SP Twist Drill Ø 2.0              | 24992  |    | 24991 |    |  |
| SP Twist Drill Ø 2.7              | 24994  |    | 24993 |    |  |
| SP Twist Drill Ø 2.85             | 24996  |    | 24995 |    |  |
| SP Twist Drill Ø 3.35             | 22908  |    | 22909 |    |  |
| SP Twist Drill Ø 3.7              | 22910  |    | 22911 |    |  |
| SP Twist Drill Ø 3.85             | 22912  |    | 22913 |    |  |
| SP Twist Drill Ø 4.2              | 22957  |  | 22958 |  |  |
| SP Twist Drill Ø 4.7              | 22959  |  | 22960 |  |  |
| SP Twist Drill Ø 4.85             | 22961  |  | 22962 |  |  |
|                                   | REF    | <b>Short shaft</b>  | REF   | <b>Long shaft</b>   |  |
| SP Pilot Drill Ø 2.0/3.2, 6–13 mm | 24735* |  |       |   |  |
| SP Pilot Drill Ø 2.0/2.7          | 24997  |  |       |   |  |
| SP Pilot Drill Ø 2.0/3.2          | 22904  |  | 22905 |  |  |
| SP Pilot Drill Ø 3.2/3.7          | 22906  |  | 22907 |  |  |
| SP Pilot Drill Ø 3.7/4.2          | 22963  |  |       |   |  |
| SP Cortical Drill Ø 2.7/3.0       | 24998  |  |       |   |  |
| SP Cortical Drill Ø 3.2/3.5       | 22914  |  | 22915 |  |  |
| SP Cortical Drill Ø 3.7/4.0       | 22916  |  | 22917 |  |  |
| SP Cortical Drill Ø 4.7/5.0       | 22964  |  |       |   |  |
| SP Conical Drill Ø 2.7/4.5        | 24999  |  | 25000 |  |  |
| SP Conical Drill Ø 3.2/4.5        | 22921  |  | 22922 |  |  |
| SP Conical Drill Ø 3.2/5.0        | 25001  |  | 25002 |  |  |
| SP Conical Drill Ø 3.7/5.0        | 22923  |  | 22924 |  |  |

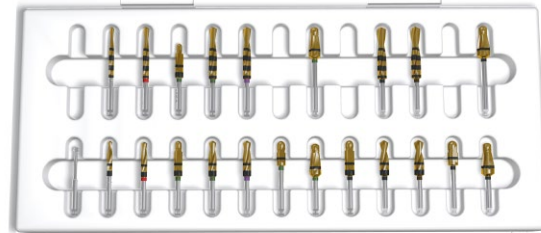
\*For OsseoSpeed TX 4.0 S – 6 mm

## Drill Set

Stainless steel, TiN-coated  
Laser etched depth indication.

Starter set of drills.  
\*Does not include drills for 3.0 S,  
4.0 S – 6 mm or 5.0 S.

REF 24264



## Guide Drill

Stainless steel

Guide Drill Ø 1.8

REF 22800



## Twist Drill

Stainless steel, TiN-coated  
Laser etched depth indication.

**Note:** \*Not included in Drill Set, REF 24264

|                                 | REF    | Short, 8–13 mm | REF    | Long, 8–19 mm |
|---------------------------------|--------|----------------|--------|---------------|
| Twist Drill Ø 2.0, (no color)   | 22887  |                | 22886  |               |
| Twist Drill Ø 2.5, (red)        | 22802  |                | 22801  |               |
| Twist Drill Ø 2.7, (light blue) | 24797* |                | 24796* |               |
| Twist Drill Ø 2.85, (silver)    | 24799* |                | 24798* |               |
| Twist Drill Ø 3.2, (green)      | 22811  |                | 22807  |               |
| Twist Drill Ø 3.35, (lilac)     | 22812  |                | 22808  |               |
| Twist Drill Ø 3.7, (black)      | 22813  |                | 22809  |               |
| Twist Drill Ø 3.85, (brown)     | 22814  |                | 22810  |               |
| Twist Drill Ø 4.2, (yellow)     | 22463* |                | 22462* |               |
| Twist Drill Ø 4.7, (blue)       | 22465* |                | 22464* |               |
| Twist Drill Ø 4.85, (pink)      | 22467* |                | 22466* |               |






## DRILLS

### Multiple-use drills

#### Pilot Drill

Stainless steel, TiN-coated  
Laser etched depth indication.





**Note:** \*Not included in Drill Set, REF 24264

|                                    | REF    |   |
|------------------------------------|--------|---|
| Pilot Drill Ø 2.0/2.7 (light blue) | 24795* |  |
| Pilot Drill Ø 2.0/3.2 (green)      | 24207  |  |
| Pilot Drill Ø 2.5/3.2 (green)      | 22803  |  |
| Pilot Drill Ø 3.2/3.7 (black)      | 22805  |  |
| Pilot Drill Ø 3.7/4.2 (yellow)     | 22468* |  |

#### Cortical Drill

Stainless steel, TiN-coated  
Laser etched depth indication.









**Note:** \*Not included in Drill Set, REF 24264

|                                       | REF    |   |
|---------------------------------------|--------|---|
| Cortical Drill Ø 2.7/3.0 (light blue) | 24800* |  |
| Cortical Drill Ø 3.2/3.5 (green)      | 22815  |  |
| Cortical Drill Ø 3.7/4.0 (black)      | 22816  |  |
| Cortical Drill Ø 4.7/5.0 (blue)       | 22469* |  |

#### Conical Drill

Stainless steel, TiN-coated  
Laser etched depth indication.

**Note:** \*Not included in Drill Set, REF 24264

|                                      | REF    | Short shaft   | REF    | Long shaft  |
|--------------------------------------|--------|---|--------|---|
| Conical Drill Ø 2.7/4.5 (light blue) | 24924* |  | 24925* |  |
| Conical Drill Ø 3.2/4.5 (green)      | 22894  |  | 22895  |  |
| Conical Drill Ø 3.2/5.0 (no color)   | 24926* |  | 24927* |  |
| Conical Drill Ø 3.7/5.0 (black)      | 22896  |  | 22897  |  |

#### Drill Extension

Stainless steel

REF

22520





## Implant Unit

Implant unit includes:

- Control unit
- Foot Control
- Motor with 1.8 m cable including 5 clips
- Main Cable
- Motor Support
- Stand
- Locking Pins
- Protection cap for motor
- Irrigation tubing (QTY 3), disposable for single patient use.

**Note:** Contra Angle must be purchased separately.



Implant Unit SI 915, 115 V REF 24360  
 Implant Unit SI 923, 230 V REF 24412

## Contra Angles

20:1 Contra Angle for Implant Unit and for ImplantMED Drill Unit.  
 Can be dismantled.

**Note:** Be sure to pay attention to the correct contra angle adjustment of your drive unit.



W&H WS-75 E/KM REF 22903

20:1 Contra Angle for Implant Unit and for ImplantMED Drill Unit.  
 Can not be dismantled.

**Note:** Be sure to pay attention to the correct contra angle adjustment of your drive unit.



W&H WI-75 E/KM REF 24350

## Irrigation Set

Disposable Irrigation Set, W&H  
 Includes pump segment. 2.2 m,  
 sterile for ImplantMED  
 and recommended for  
 Implant Unit.  
 QTY 6



REF 22176

### Irrigation Tube

Irrigation Tube, W&H, disposable 2.2 m, sterile for ElcoMED 100 and ImplantMED. QTY 10

REF 22177



### Suction Tube

Medena  
Ø 5.5 mm/8 mm, 2.0 m, QTY 100  
Single-use, sterile.

REF 68108



Medena  
Ø 5.5 mm/8 mm, 3.5 m, QTY 70  
Single-use, sterile.

REF 68130

Medena  
Ø 5.5 mm/8 mm, 2.0 m, QTY 100  
Including double bent suction tip.  
Single-use, sterile.

REF 68118



### Mucosal Punch

For manual use.  
Single-use, sterile.

Ø 4.0, QTY 10  
REF 22131  
Ø 5.0, QTY 10  
REF 22552



### RA Mucosal Punch 3.5/4.0

Stainless steel

For contra angle use.

●  
REF 31267



### RA Mucosal Punch 4.5/5.0

Stainless steel

For contra angle use.

●  
REF 24803



### BoneTrap™

BoneTrap is the ideal collector for harvesting bone particles during surgery. The unique design of the filter allows for efficient collection of bone particles without clogging. BoneTrap is disposable and provided sterile. QTY 1

REF 22179



# Restorative instruments

## Getting started

If you are new to the ASTRA TECH Implant System, we recommend the following prosthetic instruments to get started:

**Restorative Instrument Kit**, REF 24879 – see page 44

**Restorative Tray**, REF 22495 – see page 44

**Torque Wrench Kit**, REF 24100 – see page 44



## RESTORATIVE INSTRUMENTS

### General

#### Restorative Instrument Kit

Restorative Instrument Kit Includes:

|                      |     | REF   |           |
|----------------------|-----|-------|-----------|
| Driver Handle        | (1) | 24358 |           |
| Abutment Depth Gauge | (1) | 24573 |           |
| Hex CA Driver, short | (1) | 22548 |           |
| Hex CA Driver, long  | (1) | 22549 | REF 24879 |



#### Restorative Tray

Tray with room to host all restorative instruments. No instruments included.

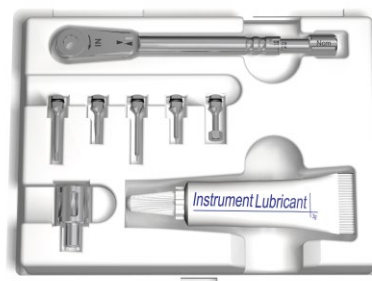
REF 22495



#### Torque Wrench Kit

Wrench with adjustable torque function.  
Range 10, 15, 20 and 25 Ncm.

|                           |     | REF   |                                    |
|---------------------------|-----|-------|------------------------------------|
| Torque Wrench             | (1) | 24075 |                                    |
| T.W. Bit Hex, Short       | (1) | 24093 |                                    |
| T.W. Bit Hex, Long        | (1) | 24094 |                                    |
| T.W. Bit Slot, Short      | (1) | 24095 |                                    |
| T.W. Bit Slot, Long       | (1) | 24096 |                                    |
| T.W. Conn., Adapter       | (1) | 24097 |                                    |
| T.W. Instrument Lubricant | (1) | 24098 | REF 24100                          |
| T.W. Dismantle Tool       | (1) | 24099 | O-ring T.W. Bit (QTY 10) REF 22416 |



### Try-in Kit Direct Abutment™

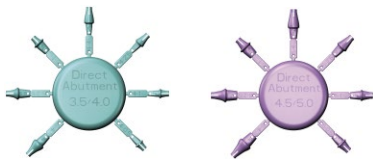
Plastic

Includes

Try-in Case Direct Abutment™

Direct Abutment™ 3.5/4.0 Try-in

Direct Abutment™ 4.5/5.0 Try-in

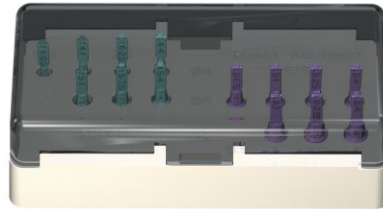


REF

24839

24848

24850



### Try-in TiDesign™/ZirDesign™

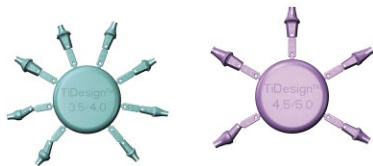
Plastic

Includes

Try-in Case Ti/ZirDesign

Ti/ZirDesign™ 3.5/4.0 Try-in

Ti/ZirDesign™ 4.5/5.0 Try-in



REF

24847

24849

### Torque Wrench

Stainless steel

REF

24075



### Hex Screwdriver

Stainless steel

Hexagonal screwdriver.

REF

Short, 20 mm

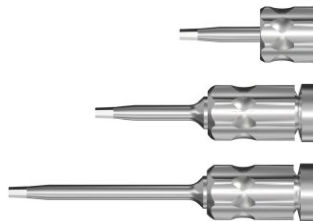
22514

Intermediate, 31 mm

22515

Long, 43 mm

22516



### Hex CA Driver

Stainless steel

Hexagonal screwdriver for Contra Angle.

REF

Short, 24 mm

22548

Long, 35 mm

22549



## RESTORATIVE INSTRUMENTS

### General

#### Slot Screwdriver

Stainless steel

Short, 20 mm

Intermediate, 30 mm

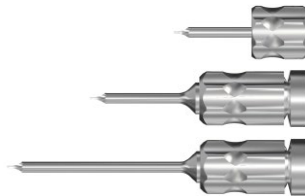
Long, 43 mm

REF

22506

22507

22508



#### Slot CA Driver

Stainless steel

Slot screwdriver for Contra Angle.

Short, 24 mm

Long, 35 mm

REF

22688

22689



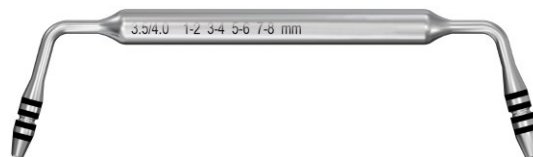
#### Abutment Depth Gauge

Stainless steel

Laser etched bands for measuring mucosal height over the implant in millimeters.

Waist at 4-5 mm indication, section for better visual orientation.

REF 24573



#### Handpiece Connector Carrier

Stainless steel

For connection between Contra Angle and pre-mounted Abutment Carrier on UniAbutments.

REF 24133



#### Carrier Extension

Stainless steel

For extended connection between pre-mounted Abutment Carrier and Torque Wrench.

Short  
REF 24134



Long  
REF 24135



O-ring (QTY 10) REF 22416







## Lab Abutment Screw Design

Titanium

For all DesignLine abutments.

Separate sets, each set includes:

- 2 pcs Yellow
- 6 pcs Aqua
- 6 pcs Lilac

|     |   |   |   |
|-----|---|---|---|
|     |  |  |  |
|     |  |  |  |
| REF | 24802   | 24857   | 24858   |
| QTY | 2 x M1.4  | 6 x M1.6  | 6 x M2  |

## Lab Abutment Screw, Angled

Titanium

For Angled Abutment.

Set includes 4 pieces:

- 2 pcs Aqua
- 2 pcs Lilac

|     |   |   |
|-----|---|---|
|     |  |  |
|     |  |  |
| REF | 24860   |   |
| QTY | 2 x M1.6  | 2 x M2  |

## Lab Bridge Screw, hex and slot

Titanium

Set includes 6 pieces:

- 3 slot screws
- 3 hex screws

|     |   |   |
|-----|---|---|
|     |  |  |
|     |  |  |
| REF | 24859   |   |
| QTY | 3 x M1.4  | 3 x M1.4  |

## Grinding Handle

Use with implant replicas for grinding of abutments.



## Grinding Device

For Cylinder 20° and Bridge Screw entrance hole.



## Polishing Protector

Stainless steel

QTY 10

For the internal cone and the margin of 20° and 45° cylinders. Works together with Bridge Screw or Abutment Guide Pin.



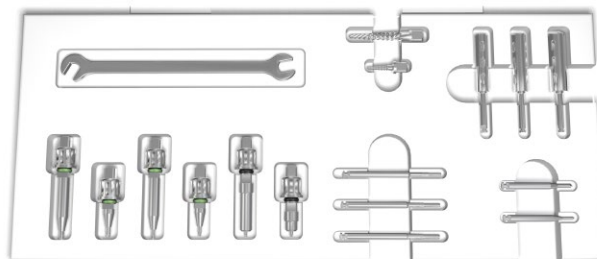
## Removal/Retrieval Kit

|                             |     | REF   |
|-----------------------------|-----|-------|
| Abutment Adapter Long       | (1) | 24370 |
| Abutment Adapter Short      | (1) | 24424 |
| Fragment Fork, Thin, 1.0 mm | (1) | 22122 |
| Fragment Fork, Wide, 1.4 mm | (1) | 22632 |
| Implant Adapter M2 Long     | (1) | 24368 |
| Implant Adapter M1.6 Long   | (1) | 24194 |
| Implant Adapter M1.6 Short  | (1) | 24193 |
| Implant Adapter M2 Short    | (1) | 24369 |
| Implant Retriever           | (1) | 22192 |
| Threads Taps 1.4 mm*        | (1) | 22871 |
| Threads Taps 1.6 mm*        | (1) | 22873 |
| Threads Taps 2.0 mm*        | (1) | 22875 |
| Trephine Drill, Ø 3.5       | (1) | 22884 |
| Trephine Drill, Ø 4.0       | (1) | 22885 |
| Trephine Drill, Ø 5.0       | (1) | 22890 |
| UniAbutment Retriever       | (1) | 22429 |
| Wrench                      | (1) | 22124 |

**\*Note:** For manual use only.

All included instruments also available as separate items.

REF 22864

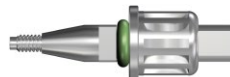


### Implant Adapter M2

Titanium and Stainless steel

For removal of implants with 2 mm threading.  
Used together with Ratchet Wrench/Torque Wrench/Surgical Wrench or Wrench 22124.

Short, 24.5 mm  
REF 24369



Long, 36 mm  
REF 24368



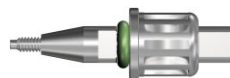
O-ring, Implant Adapter, Plastic (QTY 10) REF 22375

### Implant Adapter M1.6

Titanium and Stainless steel

For removal of implants with 1.6 mm threading.  
Used together with Ratchet Wrench/Torque Wrench/Surgical Wrench or Wrench 22124.

Short, 24.5 mm  
REF 24193



Long, 36 mm  
REF 24194



O-ring, Implant Adapter, Plastic (QTY 10) REF 22375

### Abutment Adapter

Titanium and Stainless steel

For removal of 20° and 45° UniAbutment **without** grooves.  
Used together with Ratchet Wrench/Torque Wrench/Surgical Wrench or Wrench 22124.

Short, 25 mm  
REF 24424



Long, 35 mm  
REF 24370



O-ring, Abutment Adapter, Plastic (QTY 10) REF 22376



## Removal Tool M1.4

Stainless steel

For removal of UniAbutment 20° and 45°  
**with** grooves.  
Used together with Ratchet Wrench/Torque  
Wrench/Surgical Wrench and Wrench 22124.

Short, 18 mm  
REF 24021



Long, 30 mm  
REF 24037

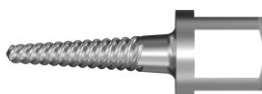


## UniAbutment Retriever

Stainless steel

For retrieval of UniAbutments.  
Used together with Wrench 22124.

14 mm  
REF 22429



## Thread Taps

To create new threads internally in a damaged  
implant/abutment.  
For manual use only.  
Used together with Driver Handle.

1.4 mm  
REF 22871



1.6 mm  
REF 22873



2.0 mm  
REF 22875



## DA 4 Metal Carrier

Stainless steel

Carrier for seating and retrieval  
of Direct Abutment Ø 4, see also page 22.

17 mm  
REF 22850



## Ball Wrench

Stainless steel

Wrench for seating and removal of Ball  
Abutment. Used together with Ratchet Wrench/  
Torque Wrench/Surgical Wrench.

20 mm  
REF 24367



## Patient information material

It is important to inform your patients about the option of dental implant treatment and the many benefits that it can provide. To support you, we offer a selection of patient information material. For further information please ask your local representative or visit [www.dentsplyimplants.com](http://www.dentsplyimplants.com).

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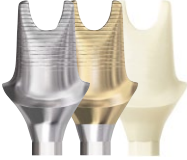









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# Torque guide

## Recommended tightening torque














| Type of product  | Torque – Ncm  |   |   |
|--|---|---|---|
|  | X-Small   | Small   | Large   |
| Cover Screw  |  Manual*   |  Manual* |  Manual* |
| Healing Abutment<br>Healing Abutment Uni<br>ProHeal Cap<br>Healing Cap Angled                                  |     | Manual**  | Manual**  |
| TempDesign™  |  –  |  15      |  15      |
| Temporary Abutment   |  15  |  15    |  15    |
| 20°/45° UniAbutment  |  –   |  15    |  15    |
| Bridge Screws  |   –   |  15    |  15    |
| ATLANTIS™ abutment for ASTRA TECH Implant System™<br>ZirDesign™<br>TiDesign™<br>CastDesign™<br>Angled Abutment |  15***   |  20    |  25   |
| Direct Abutment™<br>Ball Abutment<br>Locator™ Abutment   |    –   |  25    |  25    |

\* Only light fingerforce (5–10 Ncm) using a manual screwdriver or contra angle preset at 25 rpm and 5–10 Ncm torque.

\*\* Only light fingerforce (5–10 Ncm) using a manual screwdriver. Do not use a Ratchet Wrench or Torque Wrench.

\*\*\* **Note:** Available for TiDesign, ATLANTIS abutment, titanium and ATLANTIS abutment, GoldHue.

## Explanation of the symbols on labels and instructions for use

| Symbol   | Text   | Symbol  | Text  |
|--|--|---|---|
| <br>Date of manufacture   | Date of manufacture.   |                                      | ASTRA TECH Implant System products carry the CE mark and fulfill the requirements of the medical devices directive. |
| <br>Use by                | Expire date.   | <br>Do not use if package is damaged | Do not use if package is damaged.   |
|                           | Sterilized using irradiation.  | <br>Consult instructions for use     | Consult instructions for use.   |
|                         | <b>Caution:</b> Federal (USA) law restrict this product to sale by or on a order of a dentist. |                                    | Consult instructions for use.   |
| <br>Single use          | Do not re-use, Single use only.  |                                    | LOT/BATCH number.   |
| <br>Do not re-sterilize | Do not re-sterilize.   |                                    | Article number.   |
|                         | GOST is the valid quality certification system in Russian Federation.                          |                                    | Contains article number (GTIN number), lot number and quantity.   |



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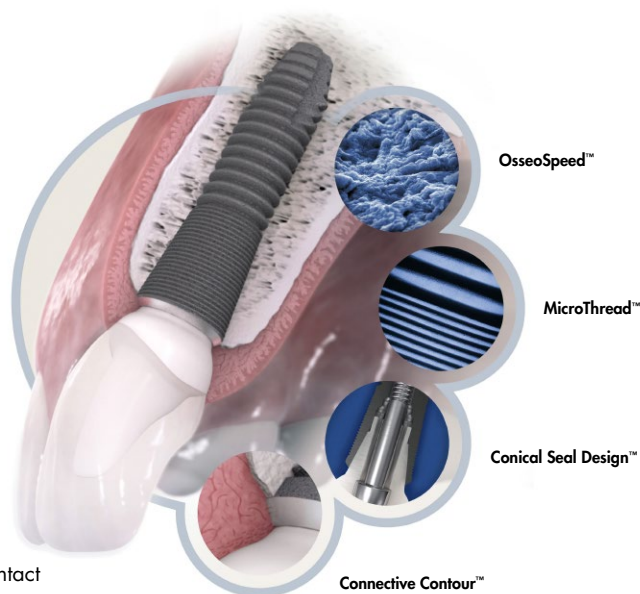




## ASTRA TECH IMPLANT SYSTEM BioManagement Complex™

A successful implant system cannot be determined by one single feature alone. Just as in nature, there must be several interdependent features working together. The following combination of key features is unique to the ASTRA TECH Implant System:

- **OsseoSpeed™** — more bone more rapidly
- **MicroThread™** — biomechanical bone stimulation
- **Conical Seal Design™** — a strong and stable fit
- **Connective Contour™** — increased soft tissue contact zone and volume



### About DENTSPLY Implants

DENTSPLY Implants offers comprehensive solutions for all phases of implant therapy, including ANKYLOS®, ASTRA TECH Implant System™ and XiVE® implant lines, digital technologies, such as ATLANTIS™ patient-specific CAD/CAM solutions and SIMPLANT® guided surgery, SYMBIOS® regenerative solutions, and professional development programs. DENTSPLY Implants creates value for dental professionals and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

### About DENTSPLY International

DENTSPLY International Inc. is a leading manufacturer and distributor of dental and other healthcare products. For over 110 years, DENTSPLY's commitment to innovation and professional collaboration has enhanced its portfolio of branded consumables and small equipment. Headquartered in the United States, the Company has global operations with sales in more than 120 countries.