

# Catalog

p-i o

A Zimmer Holdings Company.



P-I product line was developed by the Osseointegration pioneer, Professor Per-Ingvar Brånemark, jointly with experienced scientists in world recognized entities to meet modern Implant Dentistry demands.

To further complement the P-I portfolio the company Ospol AB was acquired. Founded in 2002 – Sweden, Ospol AB primarily commercialized its products in Europe, delivering outstanding technologies.

With knowledge and based on scientific evidences the main objective of the P-I brand is to offer professionals and patients competitive solutions represented by:

- . Simplification
- . High Performance
- . Safety and Longevity

The fundamental goal is to restore the quality of life of patients.

P-I brand belongs to Zimmer Holdings, a global orthopedic leader that researches, develops, manufactures and commercializes solutions for reconstructive orthopedics, spine, trauma and surgery devices and, via Zimmer Dental, offers a broad portfolio of dental implants, components, biomaterials and digital dentistry.

Founded in 1927 and incorporated in the United States in 2001, Zimmer is an independent public company present in more than 100 countries worldwide.



A Zimmer Holdings Company.



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(!) Some products may not be available in your region. Please check availability.

# Prosthetic Interface



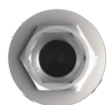
External Hexagon



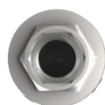
Amplified®



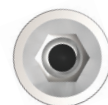
Morse Taper



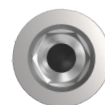
HEX-S



HEX



AMP



MT

## Seating

Conical			•	•
Hexagonal Indexation	•	•	•	•

## Prosthesis

Single	•	•	•	•
Partial	•	•	•	•
Total	•	•	•	•
Cemented	•	•	•	•
Screw-retained	•	•	•	•

## Region

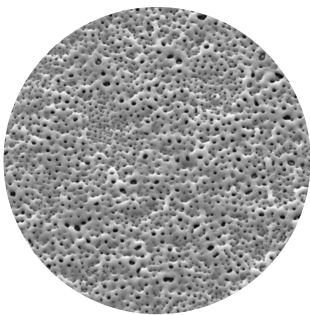
Anterior	•	•	•	•
Posterior	•	•	•	•
Platform Switching	Ø 5.1 (Ø3.95 Components on Ø4.1 Platform)	Ø 5.1 (Ø3.95 Components on Ø4.1 Platform)	•	•
Micro Threads	•		•	•
Bone Level Installation	•	•	• (or 0.5 - 1.0 mm below)	• (or 0.5 - 1.5 mm below)
Cortical Bone Preservation	Parallel Emergence Profile	Parallel Emergence Profile	•	•
Soft Tissue Maintenance	Parallel Emergence Profile	Parallel Emergence Profile	•	•
High Esthetic Demand	•	•	•	•
Morse Sealing				•

## Macrogeometry

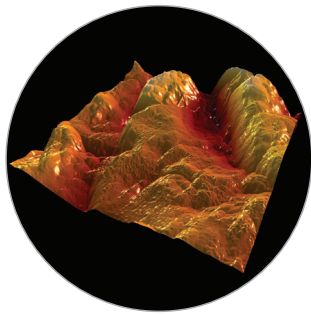




# Surfaces



OSPOL



M+N  
Micro+Nano

## Bone Density\*

Type I	•	•
Type II	•	•
Type III	•	•
Type IV	•	•

## Bone Healing Potential <sup>(!)</sup>

Normal	•	•
Slightly Changed	•	•
Heavily Changed	•	•

## Advanced Technique

Bone Augmentation	•	•
Grafts   Biomaterials	•	•

## Loading

Immediate	•	•
Early	•	•
Delayed	•	•

## Surface Structure

Method	Oxidized + Ca+2	Micro Blasting + PIII
Micro Topography	Low Roughness	Minimally Rough
Nano Topography	+	+++++
Chemical Composition	TiO <sub>2</sub> + Calcium	TiO <sub>2</sub>

\* Lekholm U, Zarb GA

## Surfaces and Risk Factors

There are several risk factors in Osseointegration widely described in literature. The schedule above only demonstrates suggested use for the P-I Surfaces.



The Life Time product guarantee is limited to product replacement in case of loss. Please refer to [www.pibranemark.com/guarantee](http://www.pibranemark.com/guarantee) for applicable terms and conditions.

(!) As described in the literature | Smart Guide.

# External Hexagon | Hybrid Implants

Surfaces



## HEX-S | Solid

<div> <div>  3.5            4.1            5.1         </div> <div>  3.5            4.1            5.1         </div> </div>						
<div> <div>  3.3            3.75            4.8         </div> <div>  3.3            3.75            4.8         </div> </div>						
<div> <div>h</div> <div>10</div> <div>11.5</div> <div>13</div> <div>15</div> </div>						
	102935	102943	102959	102903	102911	102927
	102936	102944	102960	102904	102912	102928
	102937	102945	102961	102905	102913	102929
	102938	102946		102906	102914	

## HEX | Functional

<div> <div>  3.5            4.1            5.1         </div> <div>  3.5            4.1            5.1         </div> </div>							
<div> <div>  3.3            3.75            4.0 (!)            5.0         </div> <div>  3.3            3.75            4.0 (!)            5.0         </div> </div>							
<div> <div>h</div> <div>6</div> <div>7</div> <div>8.5</div> </div>							
	102808	102816	102824	102451	102460	102469	
	102809	102817	102825	102452	102461	102470	
	102810	102818	102826	102453	102462	102471	
<div> <div>h</div> <div>10</div> <div>11.5</div> <div>13</div> <div>15</div> <div>18</div> </div>							
	102803	102811	102819	102827	102445	102454	102463
	102804	102812	102820	102828	102446	102455	102464
	102805	102813	102821	102829	102447	102456	102465
	102806	102814	102822		102448	102457	102466
		102815	102823			102458	102467

(!) Ø4.0 External Hexagon Implants are primarily utilized for rescue (When insertion stability is not reached with Ø3.75). Platform Ø5.1 has the same Hexagon for Platform, allowing use of 4.1 Components (Platform Switching).



# Soft Tissue Healing



Ø Platform

h

3.5	4.1	5.1
-----	-----	-----

3	102771	102773	102775 ▲
5	102772	102774	102776 ▲
3	101589	101072	101068 ▲
4		101073	101069 ▲
5	101591	101074	101070 ▲
	101612	101064	101065 ▲



Healing Abutment Divergent



Healing Abutment Parallel










Cover Screw

▲ Possible use of Ø4.1 Components.

# Conical Abutment

Indicated for multiple, screw retained prosthesis



		Ø Platform		
		3.5	4.1	5.1
 Cylinders	Non-Engaging (NEng)			
	Titanium   Provisional	101142	101142	101142
	Castable	101143	101143	101143
 Analog	Cobalt Chromium Molybdenum	101141	101141	101141
		171247	171247	171247
 Impression Copings	Open Tray (OT)   Multiple	102385	102385	102385
	Closed Tray (CT)   Multiple	101113	101113	101113
 Healing Cap		101155	101155	101155
 Conical Abutment - 30°	4		102389	●
	5		102390	●
 Conical Abutment - 17°	2		101770	●
	3		101771	●
	4		101772	●
 Conical Abutment - Straight Parallel	Divergent 1	101658	101045	●
	2	101659	102391	●
	3	101660	102392	●
	4		102708	●
	5		102709	●

● Ø5.1 Platform uses 4.1 Components only.  
(!) Conical Abutment prosthetic Platform is the same in all diameters.  
(!) Maximum occlusal angulation between two Abutments is 40°

# Abutment Cemented Cylinder

Indicated for single or multiple, cement retained prosthesis



HEX-S | HEX

		<div> <div>h</div> <div> <div>3.5</div> <div>4.1</div> <div>5.1</div> </div> </div>		
		<div> <div>Ø Platform</div> </div>		
	Castable Cylinders			
	Analog			
	Impression Copings			
	Healing Caps			
	Abutment Cemented Cylinder 4 mm Cone	1	101152	101967 ▲
		2	101153	101968 ▲
		3	101154	101969 ▲
	Abutment Cemented Cylinder 6 mm (L) Cone	1	102669	●
		2	102670	●
		3	102671	●
		4	102673	●

▲ Possible use of Ø4.1 Components.  
● Ø5.1 Platform uses 4.1 Components only.



# Esthetic Abutment

Indicated for single or multiple, cement retained prosthesis



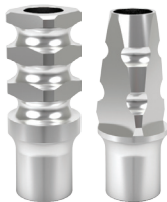
Esthetic Abutment - 15°



Esthetic Abutment – Straight



Implant Analogs



Implant Impression Copings

h	Ø Platform		
	3.5	4.1	5.1
1	102710	101058	●
2	101680	101059	●
3	102711	101060	●
1	102712	101055	●
2	101677	101099	●
3	102713	101057	●
	101687	101114	101957 ▲
Open Tray (OT)	101682	101106	101952 ▲
Closed Tray (CT)	102427	101109	101955 ▲

▲ Possible use of Ø4.1 Components.  
● Ø5.1 Platform uses 4.1 Components only.

# Cylinders over Implant

Indicated for single or mutiple, cemented or screw retained prosthesis



Ø Platform

3.5	4.1	5.1
-----	-----	-----

Non-Engaging (NEng)

Titanium   Provisional	101695	101150	101965 ▲
Castable	101696	101151	101966 ▲
Cobalt Chromium Molybdenum	101693	101149	101963 ▲

Engaging (Eng)

Titanium	101691	101147	101961 ▲
Castable	101692	101148	101962 ▲
Cobalt Chromium Molybdenum	101689	101146	101959 ▲

101687	101114	101957 ▲
--------	--------	----------

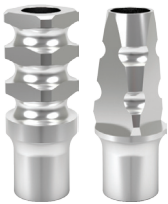
Open Tray (OT)	101682	101106	101952 ▲
Closed Tray (CT)	102427	101109	101955 ▲



Cylinders over Implant



Implant Analogs



Implant Impression Copings

▲ Possible use of Ø4.1 Components.

# CAD / CAM Solution



Scan Body Conical Abutment <sup>(1)</sup>

	Ø Platform		
	3.5	4.1	5.1
	161471	161471	161471

# Overdenture Solutions



Ball Abutment Ø2.5\*

	Ø Platform		
h	3.5	4.1	5.1
1		101978	•
2		101979	•
3		101980	•
4		101981	•
5		101982	•



(!) P-I Interfaces, Links and Scan Bodies are listed in the libraries of Zimmer® Zfx™ and other systems. Please check availability in your region. Zimmer® Zfx™ supplies Scan Bodies and Matchholders for the P-I product line.

\* Ball Abutments, Components and Instruments are universal and not listed in this Catalog. Please check availability in your region.  
• Ø5.1 Platform uses 4.1 Components only.



# Amplified® | Functional Hybrid Implants

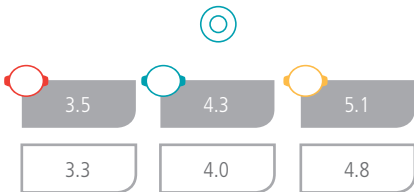
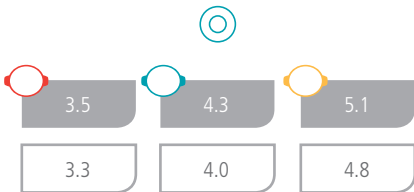
Surfaces



## AMP

Ø Platform

Ø Implant



h

7		161446	161456		161240	161252
8.5	161440	161447	161457	161393	161241	161253



10	161441	161448	161452	161394	161242	161254
11.5	161442	161449	161453	161211	161425	161255
13	161444	161450	161454	161212	161243	161256
15	161445	161451	161455	161213	161244	161257

(!) Ø4.3 and 5.1 Platform have identical cone and index dimensions allowing interchange of Components.

# Soft Tissue Healing



Healing Abutment Divergent



Healing Abutment Parallel



Cover Screw

h	Ø Platform		
	3.5	4.3	5.1
3	161429	161431	•
4.5	161430	161432	•
1.5	161104	161105	•
3	161027	161042	•
4.5	161028	161043	•
	161026	161041	161041

• Ø5.1 Platform uses 4.3 Components only.



# Conical Abutment

Indicated for multiple and single screw retained prosthesis



Ø Platform

h

3.5	4.3	5.1
-----	-----	-----



Cylinders



Analog



Impression Copings



Healing Cap



Conical Abutment - 30°



Conical Abutment - 17°



Conical Abutment - Straight

		Non-Engaging (NEng)		
		Titanium   Provisional		
		Castable	101142	101142
		Cobalt Chromium Molybdenum	101143	101143
			101141	101141
		Engaging (Eng)		
		Titanium		
		Castable	171248	171248
		Cobalt Chromium Molybdenum	171250	171250
			171249	171249
		Multiple and Single		
			171247	171247
		Non-Engaging (NEng)		
		Open Tray (OT)   Multiple		
		Closed Tray (CT)   Multiple	102385	102385
			101113	101113
		Engaging (Eng)		
		Open Tray (OT)   Single		
		Closed Tray (CT)   Single	171245	171245
			171246	171246
			101155	101155
		Multiple		
		3	161119	●
		Multiple		
		1.5	161433	161116
		3	161434	161117
		0.8		161361
		1.5	161102	161049
		3	161103	161051
		4.5		161362

● Ø5.1 platform uses 4.3 Components only.  
(!) Conical Abutment prosthetic Platform is the same in all diameters.  
(!) Maximum occlusal angulation between two Abutments is 40°

# Abutment Cemented Cylinder

Indicated for single or multiple cement retained prosthesis



h

3.5

4.3

5.1



Castable  
Cylinders



Analogs



Impression Copings



Healing Caps



Abutment Cemented Cylinder  
4 mm Cone



Abutment Cemented Cylinder  
6 mm (L) Cone



Abutment Cemented Cylinder  
"0" (!)

## Non-Engaging (NEng)

6 mm (L)	161413	161418	161423
4 mm	161463	101747	101977

## Engaging (Eng)

6 mm (L)	161414	161419	161424
4 mm	161464	101746	101976

6 mm (L)	161410	161415	161420
4 mm	161462	101745	101975

Closed Tray (CT) - 6 mm (L)	161412	161417	161422
Closed Tray (CT) - 4 mm	161461	101744	101974

6 mm (L)	161411	161416	161421
4 mm	161460	101743	101973

0.8	161401	161107	●
1.5	161402	161108 ▲	161111 ▲
3	161403	161109 ▲	161112 ▲
4.5		161406	●

0.8	161301	161303	●
1.5	161032	161037 ▲	161058 ▲
3	161033	161038 ▲	161059 ▲
4.5	161302	161304	●

0	161113	161114 ▲	161115 ▲
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▲ Possible use of Ø4.3 and 5.1 Components.

● Ø5.1 Platform uses 4.3 Components only.

(!) Not compatible with Healing, Impression and Cylinders system.

# Esthetic Abutment

Indicated for single or multiple cement retained prosthesis



Esthetic Abutment - 15°



Esthetic Abutment - Straight



Implant Analogs



Implant Impression Copings

h	Ø Platform		
	3.5	4.3	5.1
1.5	161034	161046	●
3	161035	161047	●
4.5	161366	161369	●
0.8	161376	161380	●
1.5	161377	161381	●
3	161378	161382	●
4.5		161383	●
	161025	161040	161055 ▲
Open Tray (OT)	161029	161044	●
Closed Tray (CT)	161200	161120	●

▲ Possible use of Ø4.3 Components.  
● Ø5.1 Platform uses 4.3 Components only.

# Cylinders over Implant

Indicated for single or mutiple, cemented or screw retained prosthesis



Ø Platform

3.5

4.3

5.1



Cylinders over Implant



Implant Analogs



Implant Impression Copings

**Engaging (Eng)**  
Titanium | Provisional  
Cobalt Chromium Molybdenum

161039  
161036

161054 ▲  
161053 ▲

161061 ▲  
161060 ▲

161025

161040

161055 ▲

Open Tray (OT)  
Closed Tray (CT)

161029  
161200

161044  
161120

●  
●

▲ Possible use of Ø4.3 and 5.1 Components.  
● Ø5.1 Platform uses 4.3 Components only.



# CAD / CAM Solutions



Scan Body Conical Abutment <sup>(1)</sup>



Scan Body Implant <sup>(1)</sup>



Links

h	Ø Platform		
	3.5	4.3	5.1
	161471	161471	161471
	161469	161470	161470
0.8	161426	161427	•
1.5	161277	161281	•
3	161278	161282	•
4.5	161279	161283	•

# Overdenture Solution



Locator<sup>®</sup> Abutment\*

h	Ø Platform		
	3.5	4.3	5.1
0.8		161465	•
1.5		161466	•
3		161467	•
4.5		161468	•











(!) P-I Interfaces, Links and Scan Bodies are listed in the libraries of Zimmer<sup>®</sup> Zfx<sup>™</sup> and other systems. Please check availability in your region. Zimmer<sup>®</sup> Zfx<sup>™</sup> supplies Scan Bodies and Matchholders for P-I product line. The Implant Scan Bodies for AMP and MT are recommended for single units and use with intraoral and desk scanners. For a multiple prosthesis please consider P-I Conical Abutment Scan Bodies with universal Platform.

\*Locator<sup>®</sup> Abutment Components and Instruments are universal and not listed in this Catalog. Please check availability in your region.  
• Ø5.1 Platform uses 4.3 Components only.

# Morse Taper | Solid Hybrid Implants

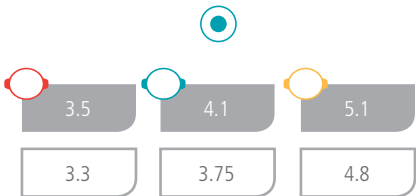
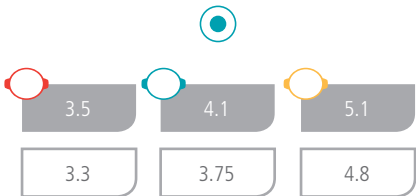
Surfaces



## MT

Ø Platform

Ø Implant



h			
	3.5	4.1	5.1
	3.3	3.75	4.8
6		171038	171046
7		171039	171047
8.5	171032	171040	171048

	171010	171020
	171011	171021
171003	171012	171022



10	171033	171041	171049
11.5	171034	171042	171050
13	171035	171043	171051
15	171036	171044	

171004	171013	171023
171005	171014	171024
171006	171015	171025
171007	171016	

(!) Platform Ø3.5, 4.1 and 5.1 have identical cone and index dimensions allowing interchange of Components.



# Soft Tissue Healing



Healing Abutment  
Divergent



Healing Abutment  
Parallel



Cover Screw

h	Ø Platform		
	3.5	4.1	5.1
1.5	171197 ▲	171200 ▲	171203 ▲
3	171198 ▲	171201 ▲	171204 ▲
4.5	171199 ▲	171202 ▲	171205 ▲
1.5	171188 ▲	171191 ▲	171194 ▲
3	171189 ▲	171192 ▲	171195 ▲
4.5	171190 ▲	171193 ▲	171196 ▲
	171104	171104	171104

▲ Possible use of Ø3.5, 4.1 and 5.1 Components.

# Conical Abutment

Indicated for multiple and single screw retained prosthesis



h

3.5

4.1

5.1



Cylinders



Analog



Impression Copings



Healing Cap



Conical Abutment - 30°



Conical Abutment - 17°



Conical Abutment - Straight

## Non-Engaging (NEng)

Titanium	101142	101142	101142
Castable	101143	101143	101143
Cobalt Chromium Molybdenum	101141	101141	101141

## Engaging (Eng)

Titanium	171248	171248	171248
Calcinável	171250	171250	171250
Cobalt Chromium Molybdenum	171249	171249	171249

## Non-Engaging (NEng)

Open Tray (OT)	102385	102385	102385
Closed Tray (CT)	101113	101113	101113

## Engaging (Eng)

Open Tray (OT)	171245	171245	171245
Closed Tray (CT)	171246	171246	171246

101155	101155	101155
--------	--------	--------

Multiple	3	•	171129	•
----------	---	---	--------	---

Multiple	1.5	•	171127	•
	3	•	171128	•

Multiple and Single	0.8	•	171123	•
	1.5	•	171124	•
	3	•	171125	•
	4.5	•	171126	•

• Ø3.5 and 5.1 Platform uses 4.1 Components only.

(!) Conical Abutment prosthetic Platform is the same in all diameters.

(!) Maximum occlusal angulation between two Abutments is 40°

# Abutment Cemented Cylinder

Indicated for single or multiple cement retained prosthesis



Ø Platform

h

3.5	4.1	5.1
-----	-----	-----



Castable  
Cylinders



Analogs



Impression Copings



Healing Caps



Abutment Cemented Cylinder  
4 mm Cone



Abutment Cemented Cylinder  
6 mm (L) Cone



Abutment Cemented Cylinder  
"0" (!)

Non-Engaging (NEng)

6 mm (L)	161413	161418	161423
4 mm	161463	101747	101977

Engaging (Eng)

6 mm (L)	161414	161419	161424
4 mm	161464	101746	101976

6 mm (L)	161410	161415	161420
4 mm	161462	101745	101975

Closed Tray (CT) - 6 mm (L)	161412	161417	161422
Closed Tray (CT) - 4 mm	161461	101744	101974

6 mm (L)	161411	161416	161421
4 mm	161460	101743	101973

0.8	171154 ▲	171159 ▲	171164 ▲
1.5	171155 ▲	171160 ▲	171165 ▲
3	171156 ▲	171161 ▲	171166 ▲
4.5	171157 ▲	171162 ▲	171167 ▲

0.8	171139 ▲	171144 ▲	171149 ▲
1.5	171140 ▲	171145 ▲	171150 ▲
3	171141 ▲	171146 ▲	171151 ▲
4.5	171142 ▲	171147 ▲	171152 ▲

0	171138 ▲	171143 ▲	171148 ▲
---	----------	----------	----------

▲ Possible use of Components with Ø3.5, 4.1 and 5.1  
(!) Not compatible with Healing, Impression and Cylinders system.

# Esthetic Abutment

Indicated for single or multiple cement retained prosthesis



Ø Platform

h

3.5	4.1	5.1
-----	-----	-----

1.5	171176 ▲	171179 ▲	●
3	171177 ▲	171180 ▲	●
4.5	171178 ▲	171181 ▲	●

0.8	171168 ▲	171172 ▲	●
1.5	171169 ▲	171173 ▲	●
3	171170 ▲	171174 ▲	●
4.5	171171 ▲	171175 ▲	●

171212	171212	171212
--------	--------	--------

Open Tray (OT)	171206	171206	171206
Closed Tray (CT)	171209	171209	171209



Esthetic Abutment - 15°



Esthetic Abutment - Straight



Implant Analog



Implant Impression Copings

▲ Possible use of Ø3.5 and 4.1 Components.  
● Ø5.1 Platform uses 3.5 or 4.1 Components.

# Contour Abutment

Indicated for single or multiple cement retained prosthesis



 **Ø Platform**

h

		
3.5	4.1	5.1

**Provisional**

Straight	171218	171222	171226
17°	171230	171234	171238

**Castable**

Straight	171217	171221	171225
17°	171229	171233	171237

Straight	171216	171220	171224
17°	171228	171232	171236

Straight	171215	171219	171223
17°	171227	171231	171235

Straight	171261	171262	171263
17°	171264	171265	171266

Contour Abutment - 17°

1.5	171114 ▲	171117 ▲	171120 ▲
3	171115 ▲	171118 ▲	171121 ▲
4.5	171116 ▲	171119 ▲	171122 ▲

Contour Abutment - Straight

1.5	171105 ▲	171108 ▲	171111 ▲
3	171106 ▲	171109 ▲	171112 ▲
4.5	171107 ▲	171110 ▲	171113 ▲

▲ Possible use of 3.5, 4.1 and 5.1 Components.  
Contour Abutment prosthetic Platform is the same as Zimmer® Dental Contour Abutment.



# Cylinders over Implant

Indicated for single or mutiple, cemented or screw retained prosthesis



Ø Platform

h

3.5

4.1

5.1



Cylinders over Implant

Engaging (Eng)  
Titanium | Provisional  
Cobalt Chromium Molybdenum

171182 ▲  
171183 ▲

171184 ▲  
171185 ▲

171186 ▲  
171187 ▲



Implant Analog

171212

171212

171212



Implants Impression Copings

Open Tray (OT)  
Closed Tray (CT)

171206  
171209

171206  
171209

171206  
171209

▲ Possible use of 3.5, 4.1 and 5.1 Components.

MT



# CAD / CAM Solutions



Scan Body Conical Abutment <sup>(1)</sup>



Scan Body Implant <sup>(1)</sup>



Links

h	Ø Platform		
	3.5	4.1	5.1
	161471	161471	161471
	161469	161470	161470
0.8	171134	171134	171134
1.5	171135	171135	171135
3	171136	171136	171136
4.5	171137	171137	171137

# Overdenture Solution



Locator® Abutment\*

h	Ø Platform		
	3.5	4.1	5.1
0.8	•	172223	•
1.5	•	172224	•
3	•	172225	•
4.5	•	172226	•



(!) P-I Interfaces, Links and Scan Bodies are listed in the libraries of Zimmer® Zfx™ and other systems. Please check availability in your region. Zimmer® Zfx™ supplies Scan Bodies and Matchholders for the P-I product line. The Implant Scan Bodies for AMP and MT are recommended for single units and use with intraoral and desk scanners. For a multiple prosthesis please consider P-I Conical Abutment Scan Bodies with universal Platform.

\*Locator® Abutment Components and Instruments are universal and not listed in this Catalog. Please check availability in your region.  
• Ø5.1 Platform uses 4.1 Components only.

# Kits

	Stainless Steel	Polymer	Compact
<b>Advanced</b> All Implants and Interfaces   Surgical + Prosthetic	181014	181022	181023
<b>Start-up</b> All Implants and Interfaces Ø4.1 and 4.3 Platform   Surgical + Prosthetic	181012	181024	181025

## Stainless Steel

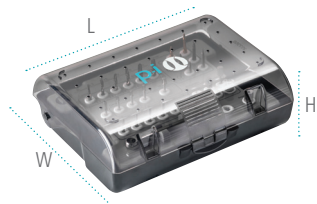


Code  
181014



# Kits

## Polymer



L	202 mm
H	67 mm
W	158 mm



## Kits

### Compact



L	120 mm
H	40 mm
W	80 mm



Code  
181023

## Soft Kits

### External Hexagon | HEX\*

181026



### Amplified® | AMP\*

181027



### Morse Taper | MT\*

181028



## Prosthetic Kit

All Interfaces and Components

181029



\* Placement of Implant according to selected Interface in Ø4.1 or 4.3 Platform.

\* Does not include Torque Wrench.

\* Includes a handpiece and squared finishing 4x4 Implant Insert Driver (Medium).

(!) Ball Attachment and *Locator*® Instruments are universal and not listed in this catalog (Their Universal instrumentation and tooling are not included in the kits). Please check availability in your region.



Instruments

Implant Insertion



Drivers  
(With Rings)

Interface	Ø Platform		Code
AMP   MT	All	Medium	131106
		Long	131104
HEX	4.1   5.1	Medium	131110
		Long	131112
HEX	3.5	Medium	131108
		Long	131109



Drivers

HEX   AMP   MT	All (except HEX 3.5)	Medium	131139
		Long	131140
HEX	3.5	Medium	131141
		Long	131142
All			131130



Adapter Implant  
Insert Driver  
(Manual and  
Torque Wrench)

Drills



Conical

	Ø Drill	Ø Implant	Code
	2.2	Initial	141138
	2.8	3.3	141146
	3.4	3.75	141148
	3.8	4.0	141314
	4.6	4.8	141152
	4.8	5.0	141315



Dense Drills

Ø Drill   Implant		
	3.3	141213
	3.75	141316
	4.0	141215
	4.8   5.0	141317




Guide Pin  
(Direction and Depth)

	2.2   2.8	131114
	2.8   3.8	131115

# Instruments

## Torque Wrench | Surgical + Prosthetic





Code

131128


Use with Implant Insertion Driver Adapter and Square Adapter (4x4)

## Prosthetic Drivers






Driver Adapter - Square (4x4)*	131129
--------------------------------	--------




Hexagonal Driver Ø1.2	Short	131010
Hexagonal Driver Ø1.2	Medium	131011
Hexagonal Driver Ø1.2	Long	131012



Conical Abutment Driver Ø2.0	Short	131016
Conical Abutment Driver Ø2.0	Medium	131017

\* Use with Hexagonal, Conical Abutment and Manual (Squared) Drivers.  
\* Optionally supplied with permanent Hexagonal and Conical Abutment Drivers (Single piece). Please check availability in your region.

## Abutment Retriever



Code

Retriever MT

131131

# Accessories

	Code		
	Spade	Ø1.5	141319
	Round Burr	Ø1.8	141001
	Drill Extension		131028
	Stainless Steel - Tray		131117
	Polymer - Tray		131134
	Compact - Tray		131138

## Selection Abutment | MT



		MT		
h		3.5	4.1   4.3	5.1
Healing Abutment MT (Selection)	4.5	171190	171193	171196



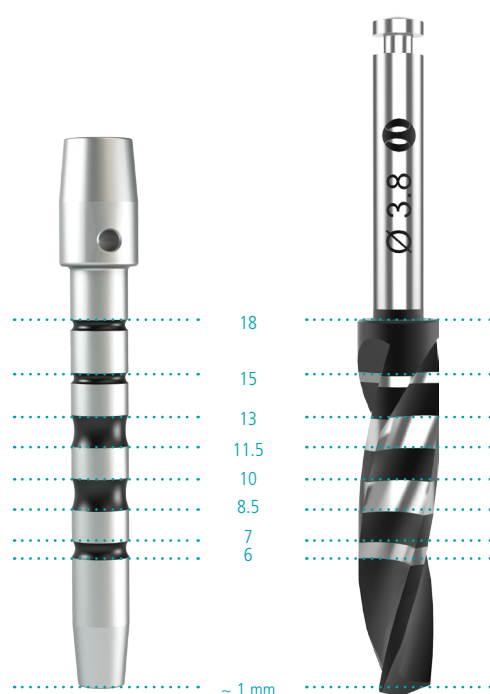
Osstell® SmartPegs are available for all P-I Interfaces. Please check availability in your region. Visit: [www.osstell.com](http://www.osstell.com)

# Replacement | Laboratory Screws

	Ø Platform								
	HEX			AMP			MT		
	3.5	4.1	5.1	3.5	4.1	5.1	3.5	4.1	5.1
Screw – Imp. Coping - Implant - OT									
	101683	101107	101107	101683	101683	101683	171207	171207	171207
Screw – Imp. Coping - Implant – CT									
	102499	101156	101156	102499	102499	102499	102499	102499	102499
Screw – Imp. Coping - Conical Abutment – OT									
	101737	101737		101737	101737		101737	101737	
Screw – Imp. Coping - Conical Abutment CT   Engaging (Eng)									
				171260			171260		
Screw – Cylinders (and Abutments)									
		101120			101120			101120	
Screw – Cylinder - over Implant									
	101688	101121	101121	101688	101688	101688	171239	171239	171239

## Surgical Sequence

### Drill Marks



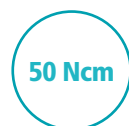
During all surgical preparation, coordinated in- and out movement of drills should be executed



Irrigation must be constant and directed to the insertion margin of drills in the surgical site



Only use the Torque Wrench when at least 3/4 of the Implant is inserted in surgical site



Installation of Hybrid Implants should not exceed 50 Ncm in all clinical cases



When the Torque Wrench is used by the torque handle the maximum torque should not exceed 50 Ncm

Internal Grip Drivers must be completely attached to Implants during all surgical installation. Movements to correct the direction of Implant insertion should not be applied as the surgical site was determined by drill direction. Torques in excess of the maximum recommended torque (50Ncm) and improperly attached drivers may cause undesired lock of Drivers inside Implants.

In these possible cases a slight "counter-torque" should be applied to remove the driver.

Removal of Drivers from Implants must be done vertically.

Read Instruction For Use before installing products.

**Caution:** Instruments necessary for surgical procedures, performed by qualified and trained professional, must be maintained in ideal mechanical, clean and sterile conditions.



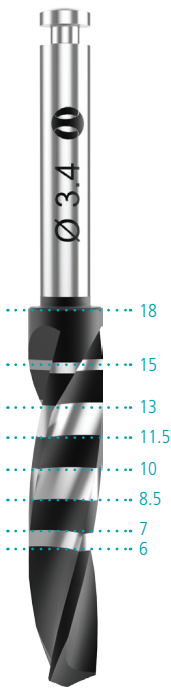
# Surgical Sequence

Hybrid Implants

Ø	Drill	2.2 (!)	2.8	3.4	3.8	4.6	4.8
	r.p.m.	600 - 1,200					
Implant							
3.3	✓	(S-N-D)					
3.75	✓	(S)	(N-D)				
4.0	✓	(S)	*	(N-D)			
4.8	✓	✓	*	(S)	(N-D)		
5.0	✓	✓	*	(S)	*	(N-D)	

\* Optional

(S) = Soft                      (N) = Normal                      (D) = Dense



**Important:** During all surgical preparation, the use of Dense Drills should be considered regardless of Implant type and bone density with the objective of not exceeding 50Ncm of torque. Dense cortical bone removal with Dense Drills must be always performed in low rotation (15 – 50 r.p.m | Maximum). Dense Drills can be also used to gradually prepare surgical sites (i.e. widening of the cortical region and post extraction regions).

(!) Use of Round Burr and Spade Drill are optional.

## Recommended Torques (Ncm) and Drivers

	 3.5  <b>HEX</b> 4.1  5.1			 3.5  <b>AMP</b> 4.3  5.1			 3.5  <b>MT</b> 4.1  5.1			Driver
Hybrids Implants	≤ 50			≤ 50			≤ 50			Internal Grip
Cover Screw	Manual			Manual			Manual			1.2
Healing Abutment	Manual			Manual			Manual			1.2
Straight Conical Abutment	25	35		25			25			2.0
Angled Conical Abutment		25		25			25			1.2
Abutment Cemented Cylinder	25	35		25			25			1.2
Esthetic Abutment	25	35		25			25			1.2
Contour Abutment							25			1.2
Cylinder over Implant	25	35		25			25			1.2
Scan Body				Manual			Manual			1.2
Link				25			25			1.2
Ball Abutment		35								1.2
Locator® Abutment				35			35			1.2
Prosthetic Cylinder (Conical Abutment)		15		15			15			1.2
Impression Coping	Manual			Manual			Manual			1.2

(!) Caution with cementation procedures must be adopted.

A x-ray verification should be used to evaluate and confirm the complete seating of the Components into the Implants Platform (Engaging).  
All P-I prosthetic Components include Screws.

# Implant Packaging

- Titanium Capsule | Preserves physical-chemical Surface properties
- Easy identification | Color Coded Platform
- Datamatrix system containing key product information
- 3 traceability tags
- Preservation of sterilization





# p-i 00

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