



Simplicity and
versatility for
prosthesis
fixation

Ankylos®

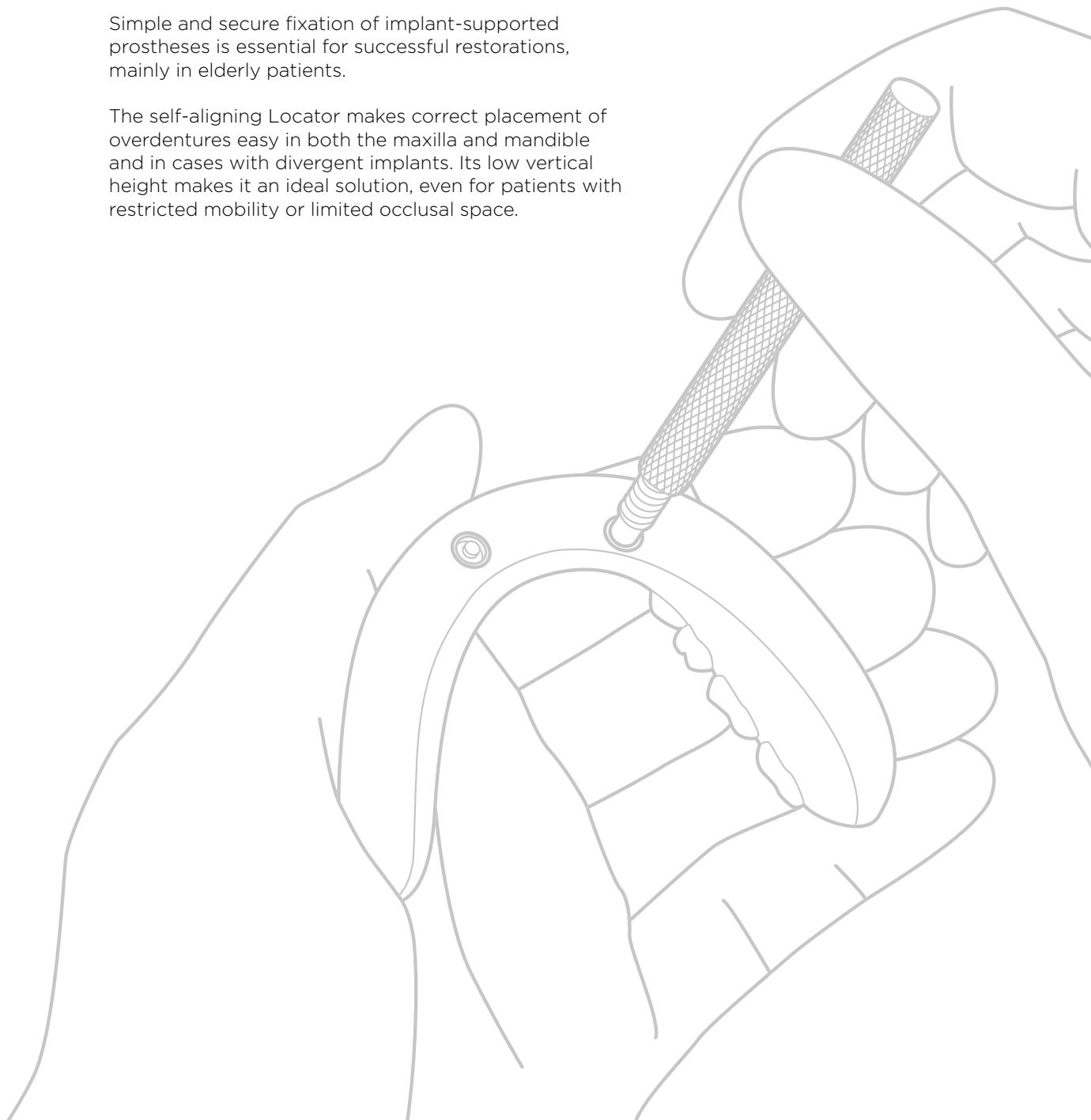
The Locator® concept

The Locator[®] concept

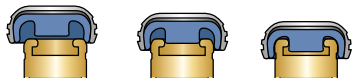
Experience the freedom in prosthesis fixation

Simple and secure fixation of implant-supported prostheses is essential for successful restorations, mainly in elderly patients.

The self-aligning Locator makes correct placement of overdentures easy in both the maxilla and mandible and in cases with divergent implants. Its low vertical height makes it an ideal solution, even for patients with restricted mobility or limited occlusal space.



Simplicity and safety



Self-aligning design

- fixation with one click

- Easy alignment of the prosthesis
- Clicks into the exact position by light pressure on the prosthesis

Low overall height

- room to move even in limited occlusal spaces

- Low profile retention of the abutment
- Sufficient space for easy insertion of the prosthesis even with restricted interocclusal clearance



Flexible retention

- compensation for divergence

- Retention can be customized using color-coded inserts, the so-called replacement males, that offer a range of retentive holding forces
- Axial divergences up to 40° between two implants can be compensated with these inserts



Secure retention

- enduring durability of the prosthesis

- Double retention of the Locator abutment in comparison with conventional attachments for a significantly improved seating of the prosthesis
- Optimum prosthesis durability and significantly less wear with the rotatable replacement males

Step-by-step

Locator[®]

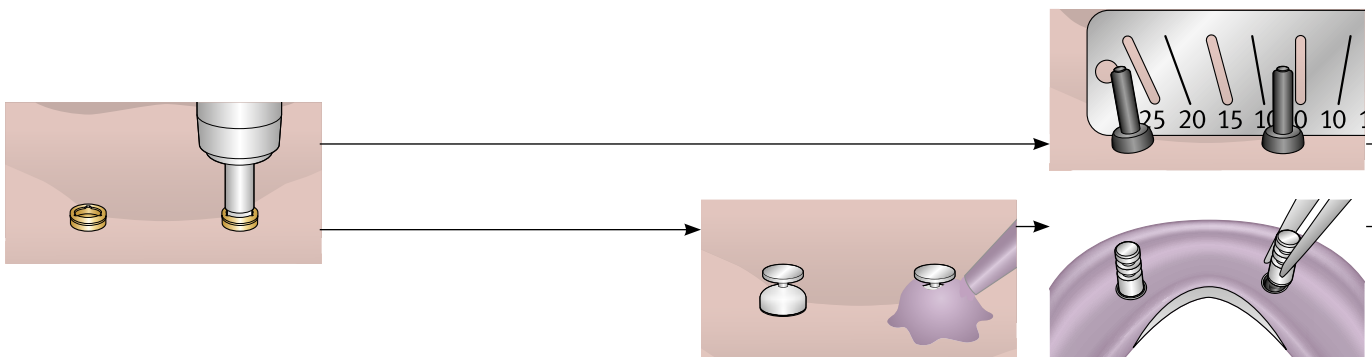
Placement of Locator abutments

After removal of the gingiva former, select the Locator abutments that match the gingival height. Screw in the abutments with the Locator insert for prosthetic ratchet or the Locator driver (gold-colored end of the three-piece Locator core tool). For secure handling, slide the abutment holder sleeve on the Locator driver. The Locator abutment will snap into the holder sleeve and will be retained in place. Tighten the Locator abutments to 30 Ncm with the insert and the prosthetic ratchet. If the prosthesis is manufactured in the laboratory, an impression of the clinical situation should be made after delivery of the Locator abutments. If an existing prosthesis is adjusted chairside, cement the female component directly into the prosthesis.

Measuring the divergence

Position the black parallel posts on to the abutments and measure the degree of divergence with the Locator angle measurement guide. If the divergences are 10° or less per implant, the clear, pink or blue replacement male can be used depending on the amount of retention required. If the divergences are 10-20° per implant, use the replacement male in green, orange, red or grey.

Adjusting the existing prosthesis chairside



Manufacturing a new prosthesis in the laboratory

Practice:

Position the Locator impression copings with integrated black replacement male on the Locator abutments and make an impression of the complete jaw.

The impression is then given to the laboratory. Please make sure that the black replacement males remain in the impression copings.

Laboratory:

Insert the female analog into the impression copings with the black processing inserts in the impression and make a cast from the impression with dental stone (class IV).

Placement of females and preparation of the prosthesis

Position the white block-out spacers on the heads of the Locator abutments. Position females with integrated black processing insert (part of the male processing package) on the Locator abutments. If necessary, add additional block-out spacers until no gap is visible between the female, block-out spacer and gum. Grind the prosthesis in the region of the subsequent females.

Cementing in the females

Coat the prosthesis with polymer or cold-cured polymer, position it and fix it until the polymer is cured.*

Then remove the prosthesis, remove the black processing replacement males from the females and smooth any sharp edges.

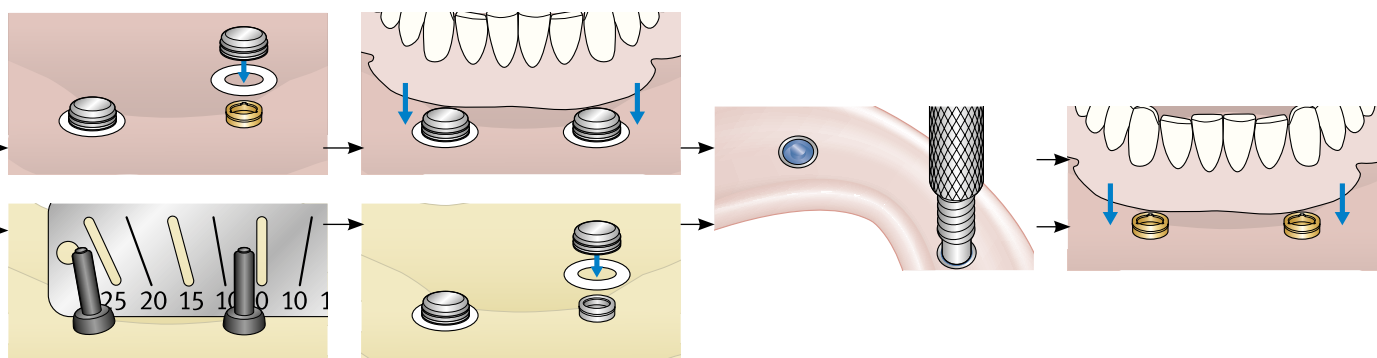
* Please follow the directions of the polymer manufacturer.

Delivery of replacement males

Press the color-coded replacement males selected for the divergence and desired retention force firmly into the females with the specified part of the Locator core tool. The replacement male must be flush with the margin of the female.

Delivery of prosthesis

Check the retention and insert the prosthesis.



Measuring the divergence

Position the black parallel posts on the female analogs and measure the degree of divergence with the Locator angle measurement guide. If the divergences are 10° or less per implant, the clear, pink or blue replacement male can be used depending on the amount of retention required. If the divergences are 10° to 20° per implant, use the male in green, orange, red or grey.

Manufacturing the prosthesis

Position the white block-out spacers on the heads of the Locator female analogs.

Position the females with integrated black processing replacement male (part of the male processing package) on the Locator abutments. If necessary, add additional block-out spacers until no gap is visible between the female, block-out spacer and gum. Then, manufacture the prosthesis in accordance with the process for complete dentures. During the fabrication, a processing spacer serves as a place holder for the subsequent female. Send the finished prosthesis to the dental practice for delivery.

Practice:

Remove the black processing replacement males from the females of the prosthesis supplied by the laboratory.

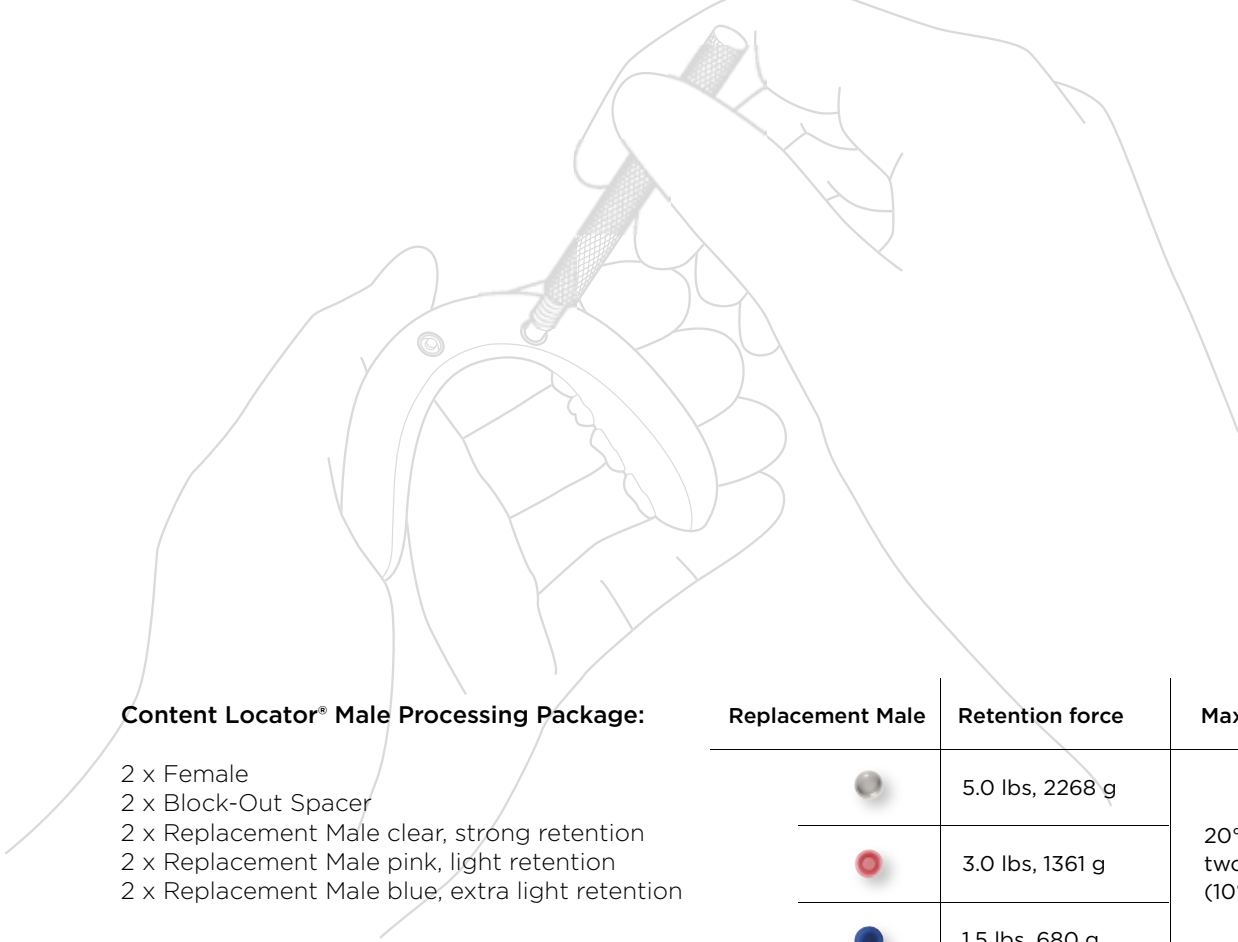
Press the colored replacement males selected by the laboratory for the divergence and desired retention force firmly into the females with the specified part of the Locator tool. The replacement male must be flush with the margin of the female.

Delivery of prosthesis

Clean and disinfect prosthesis.

Tighten the Locator abutments with the prosthetic ratchet and the appropriate Locator insert.

Then insert the prosthesis and determine the retention.



Content Locator® Male Processing Package:

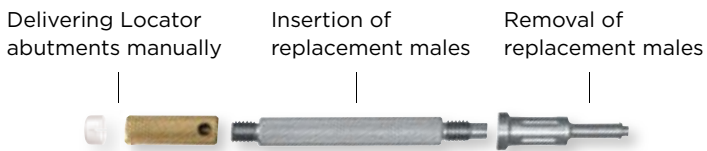
- 2 x Female
- 2 x Block-Out Spacer
- 2 x Replacement Male clear, strong retention
- 2 x Replacement Male pink, light retention
- 2 x Replacement Male blue, extra light retention

Order No.	Article
45 - 3347	Locator® Male Processing Package Titanium (2 pieces)
45 - 3348	Locator® Male Processing Package Stainless steel (2 pieces)

Replacement Male	Retention force	Max. axial divergence
	5.0 lbs, 2268 g	20° between two implants (10° per implant)
	3.0 lbs, 1361 g	
	1.5 lbs, 680 g	
	0 lbs, 0 g	40° between two implants (20° per implant)
	4.0 lbs, 1814 g	
	2.0 lbs, 907 g	
	1.0 lbs, 454 g	

All treatment steps are conducted with the three-piece Locator® Core Tool

Ankylos® Insert for Prosthetic Ratchet for Locator®



Note: Use the specified torque insert for final placement of the Locator abutment in the implant.

Note: Tighten abutments with a torque of 30 Ncm.

Ankylos® Locator®: Products



Scale 1.2:1



GH 2



GH 3



GH 4



GH 5



GH 6

Order no.	3102 2610	3102 2612	3102 2614	3102 2616	3102 2618
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Locator® Replacement Male (4 pieces)

Scale 1.2:1



clear,
strong



pink,
light



blue, extra
light



extended
range:
gray, zero



extended
range:
green,
strong



extended
range:
orange,
light



extended
range:
red, extra
light

Order no.	45 - 3349	45 - 3350	45 - 3351	45 - 3360	45 - 3352	45 - 3353	45 - 3354
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Locator® Impression Coping (4 pieces)

Scale 1.2:1



Order no.	45 - 3355
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Locator® Male Processing Package (Contents: 2 piece each)



Titanium⁴³

Stainless Steel⁴³

Order no.	45 - 3347	45 - 3348
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Locator® Female Analog (4 pieces) D 4



Order no.	45 - 3356
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Locator® Black Processing Replacement Male (4 pieces)

Scale 1.2:1



Order no.	45 - 3358
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Locator® Block-Out Spacer (20 pieces)



Order no.	45 - 3359
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Locator® Processing Spacer (4 pieces)



Order no.	45 - 3361
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Locator® Abutment Holder Sleeve (4 pieces)



Order no.	45 - 3341
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Locator® Core Tool 3-piece with Locator Abutment Holder Sleeve

Reduced scale



Order no.	45 - 3340
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Ankylos® Insert for Prosthetic Ratchet for Locator®



Order no.	3103 3635
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Locator® Angle Measurement Guide



Order no.	45 - 3345
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Locator® Parallel Post (4 pieces)



Order no.	45 - 3346
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About Dentsply Sirona Implants

Dentsply Sirona 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 solutions and Simplant® guided surgery, Symbios® regenerative solutions, and professional and business development programs, such as STEPPS™. Dentsply Sirona 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 Sirona

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with a 130-year history of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company™, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dentistry. Dentsply Sirona's global headquarters is located in York, Pennsylvania, and the international headquarters is based in Salzburg, Austria. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.