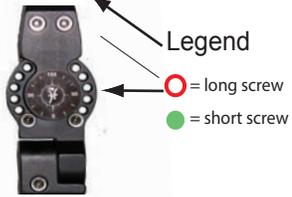
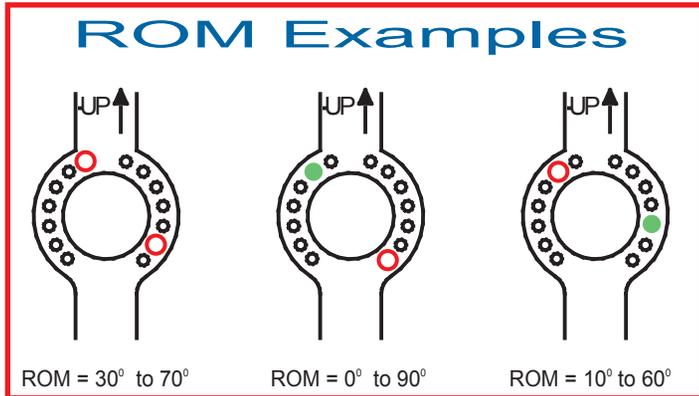
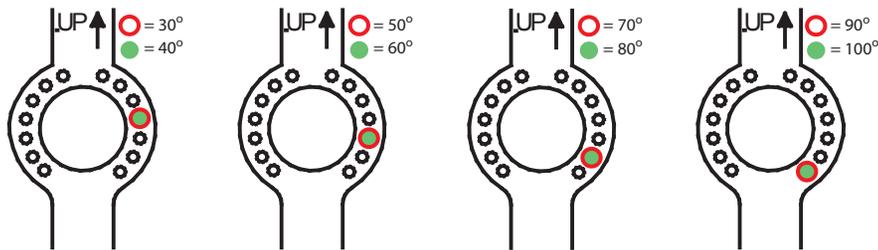
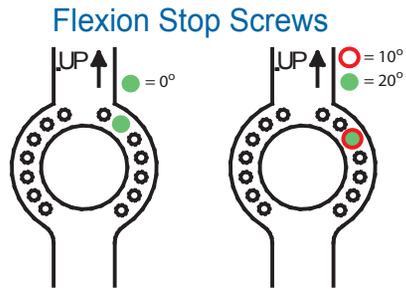
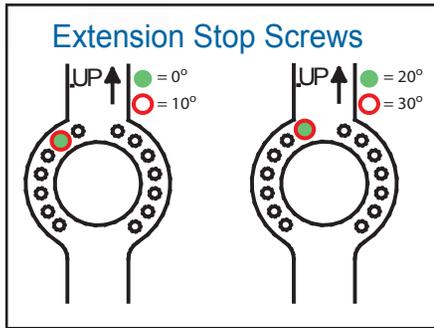


ROM Settings for Right Hip Brace



There are 4 extension/flexion stop screws in the Centron Hip hip joint - 2 short, 2 long. The long ones reside in the body of the hip joint. After you install the appropriate two screws in their respective holes, place the remaining two in the retainer bores of the joint body, so you can reset the ROM at a later time.



Note: These settings are for a right hip brace. For a left hip brace, reverse right to left

Centron™ Hip Fitting Instructions



Breg's Centron Hip hip abduction orthosis is a modular, universal orthosis. It comes in six sizes of pelvic girdle (SM, MD, LG, XL, XX, 3X) and five sizes of thigh cuff (SM, MD, LG, XL/XX, 3X). The pelvic girdles, the thigh cuffs and the hip joint are all universal - i.e., they can be used for either right or left sides and for either male or female body shapes.

The Centron Hip is shipped to you in components unless you request otherwise. There is no charge to ship it set up as a left or as a right.

- Note: We ship the Centron Hip in components because:
1. It enables you to stock the brace more efficiently
 2. It helps lower your shipping cost (smaller box)

Sizing - For proper pelvic and thigh sizing, refer to the size chart below:

	P E L V I C		T H I G H	
	WAIST	HIP	MID THIGH	
SM	22-28	26-32	SM	15 -19
MD	28-34	32-38	MD	18 -22
LG	34-40	38-44	LG	21-25
XL	40-46	44-50	XL/XX	24 -28
XX	46-52	50-56	3X	27 - 31
3X	52-58	56-62		

Tip: For the most accurate fit, feel free to mix different sizes. For example, a large pelvic girdle might be combined with a medium thigh cuff.

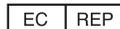
Pelvic Note: The Centron Hip's universal pelvic girdle provides rotational adjustment for hip development, so there is no need for "male" and "female" versions.

Thigh Note: The Centron Hip chart doesn't list proximal and distal thigh measurements because there is no need for them with the unique bi-valve design, which can accommodate all thigh shapes.

If any serious incident has occurred in relation to the device, report to Breg and the competent authority of the Member State in which the user and/or patient is established.



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Hip joint attachment:

Attach the hip joint to both the pelvic and thigh components if it is not already attached. You may attach it to either the right or left side.

Pelvic girdle - Loosen the four posterior adjustment screws, adjust each side for angle and width, then re-tighten the screws.



Thigh Cuff:

The bi-valve thigh cuff is adjustable to fit any shape thigh - conical or cylindrical, flabby or firm. Simply loosen the four screws in back, position each side for an exact fit, and re-tighten the screws.

Hip Joint adjustments:

ROM - Flexion-extension adjustments are made by positioning a short or long stop screw in each of two threaded bores, using the Allen wrench provided, then screwing the unused two stop screws in the joint's two upper screw retainer holes.

Note: Refer to the back page for a ROM setting guide.

Abduction - Abduction adjustments are made by loosening the clamp screw, abducting the joint to the proper degree setting, then tightening the clamp screw. Be sure it is very tight.

Vertical Adjustment - To set the Centron Hip to the correct vertical length, simply loosen the two set screws above the hip joint, slide the bar, and re-tighten the screws. Repeat this procedure for the bottom bar, if needed.

Note: Shorter and longer joint bars are available as options. See table below.

Warning!

The abduction adjustment relies on friction to secure your abduction setting, so don't be timid about tightening it. But be sure you never make this - or any other adjustment - while the orthosis is on the patient!



Lateral View of Hip Joint

Tip: Don't forget to wrap the hip joint soft cover around the hip joint. It is there for your patient's protection.

ALTERNATE LENGTH BARS			
	UPPER BAR	LOWER BAR	LENGTH RANGE*
Short	SHORT	STD	15 - 19
Regular	STD	STD	16 - 20
Long	STD	LONG	18 - 22
X-long	STD	X-LONG	20 - 24
XX-long	LONG	X-LONG	22 - 26
3X-long	X-LONG	X-LONG	24 - 28

***Iliac crest to knee center**

The Centron Hip alternate-length bars attach either above or below the joint, offering the orthotist many height variations. Here are a few guidelines: Generally, if you are using different length bars, the longer bar should be below the joint. Sometimes it even makes sense to have the lower bar be two sizes longer than the upper. It is only in the extreme case that you will use the short bar below the joint, or the X-Long bar above it. Above are suggested joint-bar size combinations.