

## IRGO



- Efficient ambulation - compared to other RGOs the ISOCENTRIC<sup>®</sup> is more energy efficient. This saves exertion for people with muscle weakness. Also for patients prone to weight gain the ease of walking encourages more physical activities. The hip muscles that are used for walking are exercised and conditioned as the person walks in the brace.
- “Hands-free” standing, balance and support - Wearers can have their hands available for activities of function while standing. The brace not only stabilizes the hip, knee and ankle joints but it also balances (positions) the person so they can stand without the use of crutches or walkers.
- Dynamic “hip stretching” - Many Spina Bifida and people with paraplegia are prone to hip flexion contractures. This tendency is counteracted by the fact that the brace connects the two legs in such a way that flexing of one leg causes extension of the opposite side. It is like getting therapy or stretching with every step a person takes.

### Conventional Hip Joints

- Very durable and user friendly design

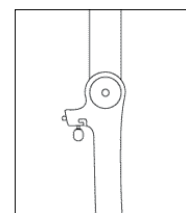
### Pre-Selected Hip Joints

- A pre-selected joint simplifies the unlocking method by breaking it down into two steps.
  1. The patient pre-sets the joint to the unlock position. The patient remains stable until they are ready to sit.
  2. With both hands holding on to their walker the patient gently stands more upright. This action takes the load off the connecting plates and the joints snap unlocked!

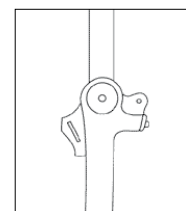
### Abduction Hinge Hip Joints

- Allows more activities to be performed in the brace promoting longer wear and increasing benefits.
- NOT recommended for heavy patients.

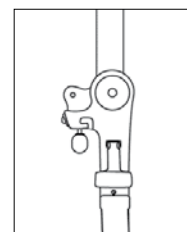
Conventional Hip Joint



Pre-Selected Hip Joint



Abduction Hinge Hip Joint



Order information for standard modules			Size Module		Included Bars	
Stl. 18-27	Abduction hip joint	AS101	681100	XX	1	Small bar
Stl. 18-25	Conventional hip joint	CS101	681100	XX	2	Small bar
Stl. 18-25	Pre-Selected hip joint	PS101	681100	XX	3	Small bar
Stl. 28-38	Abduction hip joint	AL101	681100	XX	1	Large bar
Stl. 26-40	Conventional hip joint	CL101	681100	XX	2	Large bar
Stl. 26-40	Pre-Selected hip joint	PL101	681100	XX	3	Large bar
Conventional hip joint CS200X	Stl. 18-25		681102	XX	2	Small and X-long lower bar
Conventional hip joint CL101X	Stl. 26-40		681102	XX	2	Large and X-long lower bar
Pre-Selected hip joint PL101X	Stl. 26-40		681102	XX	3	Large and X-long lower bar



Size Module = Hip Width	Depth	Hip Size	Upper Bar thickness
cm	mm	S,L	mm
18	85	S	5,7
19	85	S	5,7
20	85	S	5,7
21	95	S	5,7
22	95	S	5,7
23	95	S	5,7
24	105	S	5,7
25	105	S	5,7
26	105	L	5,7
27	115	L	5,7
28	115	L	5,7
29	115	L	5,7
30	125	L	7,1
31	125	L	7,1
32	125	L	7,1
33	135	L	7,1
34	135	L	7,1
35	135	L	7,1
36	145	L	7,1
37	145	L	7,1
38	145	L	7,1
39	155	L	8,5
40	155	L	8,5
41	155	L	8,5
42	155	L	8,5

Knee Joint with drop locks	Part No
208S Standard 6x19mm	681 220 810
208X Extra Duty 6x25mm	681 220 820
208XX Extra, extra Duty 9x25mm	681 220 830

