


## Torsion adapter

Torsion adapters offer significant advantages for amputees, regardless of the amputation level. The socket holds the residual limb in place and therefore prevents rotation and torsion movements. Ottobock torsion adapters can compensate for this lack of mobility. This pays off during activities in confined spaces at work or home (e.g. the kitchen), where more mobility translates into enhanced safety for the amputee while performing his/her activities. For leisure activities, the torsion adapters also provide a solid basis for more mobility and comfort, for example while playing golf or tennis. Torsion adapters also help minimise shear forces in the area of the residual limb, which can otherwise result in painful shifting of soft tissues under stress. The torsion adapters serve to harmonise the gait pattern and improve wearer comfort, thereby reducing compensating movements and helping to prevent subsequent problems.



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### 4R85 Torsion adapter

Torsion adapter with pyramid receiver and Ø 30 mm tube connection.



<b>Article number</b>	<b>4R85</b>
<b>Mobility grade</b>	1 - 4
<b>Diameter</b>	30 mm
<b>Material</b>	Stainless steel
<b>System height</b>	68 mm
<b>Weight</b>	350 g
<b>Rotation angle limitation by stops</b>	+/- 20°
<b>Stop strength</b>	~ 100 Nm
<b>Torsion moment of spring elasticity</b>	7 Nm to max. 19 Nm
<b>Max. body weight</b>	100 kg

- When the 4R85 is used with the 3R15 and 3R49 Knee Joint with Friction Brake, the longer extension assist pulley included with the torsion adapter must be used.

## 4R86 Torsion adapter

Torsion adapter with pyramid receiver and Ø 34 mm tube connection.



≤ 110 kg

<b>Article number</b>	<b>4R86</b>
<b>Mobility grade</b>	1 - 4
<b>Diameter</b>	34 mm
<b>Material</b>	Titanium
<b>System height</b>	68 mm
<b>Weight</b>	340 g
<b>Rotation angle limitation by stops</b>	+/- 20°
<b>Stop strength</b>	~ 100 Nm
<b>Torsion moment of spring elasticity</b>	7 Nm to max. 19 Nm
<b>Max. body weight</b>	110 kg



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## 4R40 Torsion adapter

The adapter has a proximal screw plate and distal pyramid receiver.



<b>Article number</b>	<b>4R40</b>
<b>Mobility grade</b>	1 - 4
<b>Material</b>	Stainless steel
<b>System height</b>	58 mm
<b>Weight</b>	340 g
<b>Rotation angle limitation by stops</b>	+/- 20°
<b>Stop strength</b>	~ 100 Nm
<b>Torsion moment of spring elasticity</b>	7 Nm to max. 19 Nm
<b>Max. body weight</b>	125 kg



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## 4R39 Torsion adapter

Torsion adapter with Ø 30 mm tube and pyramid receiver.



<b>Article number</b>	<b>4R39</b>
<b>Mobility grade</b>	1 - 4
<b>Diameter</b>	30 mm
<b>Material</b>	Stainless steel
<b>Min. system height</b>	113 mm
<b>Max. system height</b>	476 mm
<b>Weight</b>	500 g
<b>Rotation angle limitation by stops</b>	+/- 20°
<b>Stop strength</b>	~ 100 Nm
<b>Torsion moment of spring elasticity</b>	7 Nm to max. 19 Nm
<b>Max. body weight</b>	125 kg



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