

Modular knee joints for children



647G99

3R39 Modular knee joint with lock

Article number	3R39
Material	Aluminium
Distal connection	Tube clamp Ø 22 mm
Proximal connection	Pyramid adapter
Knee flexion angle	145°
System height	24 mm
proximal system height to alignment reference point	2 mm
distal system height to alignment reference point	22 mm
Weight	145 g
Version	monocentric
with	adjustable locking mechanism to lock the joint
Max. body weight	45 kg

Single components as replacement parts

4D20 Single component pack

Article number	4D20
for	3R39
Consisting of	1 joint axis 2 bearing washers 1 cylinder pin



647G99

3R38 Modular knee joint with individually adjustable extension assist mechanism to control the swing phase

Article number	3R38
Material	Aluminium
Distal connection	Tube clamp Ø 22 mm
Proximal connection	Pyramid adapter
Knee flexion angle	145°
System height	24 mm
proximal system height to alignment reference point	2 mm
distal system height to alignment reference point	22 mm
Weight	160 g
Version	monocentric
Max. body weight	45 kg

Single components as replacement parts

4D15 Single component pack

Article number	4D15
for	3R38
Consisting of	1 cylinder pin 1 guide sleeve 1 round seal 1 joint axis 2 bearing washers

3R66 Modular knee joint with integrated rotation

- individually adjustable knee safety thanks to adjustable stop
- individually adjustable extension assist mechanism to control the swing phase

A rotation unit integrated in the lower joint section permits rotation of the prosthetic foot with automatic return upon load relief. Combined with the large flexion angle of approx. 165°, this enables a comfortable 'kneeling position' as well as crouching with the foot rotated to the outside.

Reference number	3R66
Material	Aluminium
Distal connection	Tube clamp Ø 22 mm
Proximal connection	Pyramid adapter
Knee flexion angle	175°
System height	78 mm
proximal system height to alignment reference point	- 6 mm
distal system height to alignment reference point	83 mm
Weight	310 g
Version	polycentric
Max. body weight	35 kg

⚠ Not suitable for hip disarticulation fittings.



647H212

3R65 Modular knee joint with hydraulic swing phase control

A miniature hydraulic system with terminal damping makes dynamic adaptation to changing walking speeds possible. Extension and flexion damping are individually adjustable to the mobility of young users.

Reference number	3R65
Material	Aluminium
Distal connection	Tube clamp Ø 22 mm
Proximal connection	Pyramid adapter
Knee flexion angle	145°
System height	74 mm
proximal system height to alignment reference point	8 mm
distal system height to alignment reference point	67 mm
Weight	315 g
Version	monocentric
Max. body weight	45 kg



647H180

Single components as replacement parts

4D17 Single component pack

Article number	4D17
for	3R65
Consisting of	1 oval head countersunk screw 1 extension stop bumper

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