

» DuraShock

Pylon

Supplier:

Fillauer LLC

Features & Benefits:

- Titanium core technology
- Four model types and three stiffness options matched to the patients needs
- Simulates anatomic shock absorption
- Dynamic elastomers create smooth motion
- Up to 60° of axial rotation (30° in each direction)
- Available with standard 30mm or a heavy-duty 34mm pylon
- Maintenance free design
- Requires no lubrication or bumper changes

Specifications:

- Models: *Short pylon**
*Long pylon**
Tube clamp
Shorty
*(*Heavy-duty version available)*
- Weight limit: *Short pylon= Standard — 100kg (220lbs)*
Heavy-duty — 113kg (250lbs)
Long pylon= Standard — 100kg (220lbs)
Heavy-duty — 113kg (250lbs)
Tube clamp= 100kg (220lbs)
Shorty= 125kg (275lbs)
- Tube diameter: *Standard models= 30mm*
Heavy-duty models= 34mm
- Clearance: *Short pylon= 121mm (4³/₄)***
*Long pylon= 146mm (5³/₄)***
Tube clamp= 165mm (6¹/₂)
Shorty= 89mm (3¹/₂)
*(**Note: 34mm pylons require longer clearances; Short pylon requires minimum of 127mm [5"] and the long Pylon 172mm [6³/₄"])*
- Rotation: *30 degrees each direction from neutral position*
- Activity level: *Moderate to High (K2–K3)*
- Shipped with cosmetic sleeve
- Pediatric (Minishock) model also available

Indications:

- Transfemoral and transtibial applications

Call Points:

- Prosthetist
- Prosthetic technician

Warranty:

- Against manufacturers defects



Short pylon



Long pylon



Tube clamp



Shorty



Dapening rings

DuraShock » Fillauer LLC

Item No.	Description	Color	Tube Diameter	Clearance
DF-DS003S	Short shock/torsion reducing pylon	Red	30mm	121mm (4¾")
DF-DS002S	Short shock/torsion reducing pylon	Blue	30mm	121mm (4¾")
DF-DS001S	Short shock/torsion reducing pylon	Black	30mm	121mm (4¾")
DF-DS004S	Heavy-duty short shock/torsion reducing pylon	Black	34mm	127mm (5")
DF-DS003L	Long shock/torsion reducing pylon	Red	30mm	146mm (5¾")
DF-DS002L	Long shock/torsion reducing pylon	Blue	30mm	146mm (5¾")
DF-DS001L	Long shock/torsion reducing pylon	Black	30mm	146mm (5¾")
DF-DS004L	Heavy-duty long shock/torsion reducing pylon	Black	34mm	172mm (6¾")
DF-DS003SC	Short shock/torsion reducing pylon with tube clamp	Red	30mm	165mm (6½")
DF-DS002SC	Short shock/torsion reducing pylon with tube clamp	Blue	30mm	165mm (6½")
DF-DS001SC	Short shock/torsion reducing pylon with tube clamp	Black	30mm	165mm (6½")
DF-DS003SS	Shorty shock/torsion reducing pyramid with receiver	Red	30mm	89mm (3½")
DF-DS002SS	Shorty shock/torsion reducing pyramid with receiver	Blue	30mm	89mm (3½")
DF-DS001SS	Shorty shock/torsion reducing pyramid with receiver	Black	30mm	89mm (3½")

DuraShock » Stiffness Chart

Type	Shock Stiffness			
	Low (Red)	Medium (Blue)	High (Black)	Heavy-duty (Black)
Weight Limit — K2 Activity Level				
Short Pylon	Less than 66kg (145lbs)	66–81 kg (145–179 lbs)	82–100 kg (180–220 lbs)	100–113 kg (220–250 lbs)
Long Pylon	Less than 66kg (145lbs)	66–81 kg (145–179 lbs)	82–100 kg (180–220 lbs)	100–113 kg (220–250 lbs)
Tube Clamp	Less than 66kg (145lbs)	66–81 kg (145–179 lbs)	82–100 kg (180–220 lbs)	—
Shorty	Less than 66kg (145lbs)	66–81 kg (145–179 lbs)	82–125 kg (180–275 lbs)	—
Weight Limit — K3 Activity Level				
Short Pylon	Less than 64kg (140lbs)	64–76 kg (140–169 lbs)	77–91 kg (170–200 lbs)	91–113 kg (200–250 lbs)
Long Pylon	Less than 66kg (145lbs)	66–76 kg (145–169 lbs)	77–100 kg (170–220 lbs)	100–113 kg (220–250 lbs)
Tube Clamp	Less than 66kg (145lbs)	64–76 kg (140–169 lbs)	77–91 kg (170–200 lbs)	—
Shorty	Less than 66kg (145lbs)	64–76 kg (140–169 lbs)	77–113 kg (170–250 lbs)	—

Note: Weight recommendations are a suggested guide for torque and shock performance. Individual preference and performance will vary.

DuraShock » Parts

Item No.	Description	Diameter
DF-DS009A ¹	Dampening ring set	30mm and 34mm
DF-128265	Dampening ring	30mm
DF-128268	Dampening ring	34mm
DF-DS009A ³	Alignment adjustment screw (5/16"–24)	—
DF-DS009M ¹	Alignment adjustment screw (M8 x 1¼")	—
DF-880293 ²	Alignment adjustment screw (M8 x 1¼")	—

¹ For Short or Long Pylons only

² For tube clamp with serial numbers M2000 and above only

³ For Pylon and Tube Clamp only