



TRS

Prosthetic Solutions





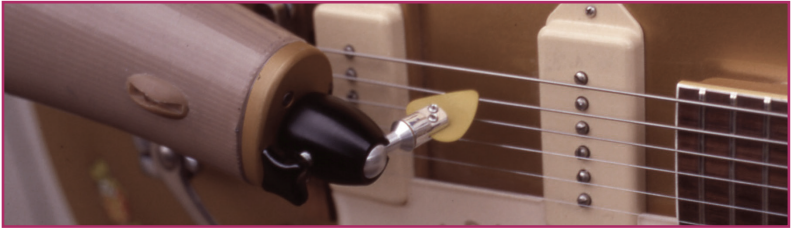
Terminal devices for musicians

Guitar Pick Adapter

A simple, highly adjustable, prosthetic Guitar Pick Adapter, constructed to be mounted close to the distal end of the prosthesis and to readily accept any pick. The pick is securely held in place with set screws. The adapter has a lockable ball and socket component allowing for the pick to be adjusted to any suitable playing position.

Features

- Passive (no cable required)
- ½” x 20TPI (M12 available, order conversion part number: N699001001)
- Lightweight at only 85 grams
- Black and aluminium colour



Product Code: N699000018

Violin Bow Adapter

The Violin Bow Adapter is a highly sophisticated device that pivots, easily duplicating natural wrist action and control. The TRS prosthetic Violin Bow Adapter uses a lockable ball and socket component modified to readily screw into any standard prosthesis. The adapter can be adjusted to any angle to help ensure optimal playing position and technique and the bow is held firmly in place with set screws.

Features

- Passive (no cable required)
- ½” x 20TPI (M12 available, order conversion part number: N699001001)
- Lightweight at only 128 grams
- Black colour



Product Code: N699000068

Drumstick Adapter

The Drumstick Adapter provides a unique design, which allows the stick to not only pivot but does so under an adjustable tension load. This feature enables the drummer to create spontaneous “drum rolls” and other drumming techniques. The drumstick and adapter require simple modification which makes the product non-returnable.

Features

- Passive (no cable required)
- ½” x 20TPI (M12 available, order conversion part number: N699001001)
- Lightweight at only 142 grams
- White plastic/black aluminium



Product Code: N699000020

Please note: Guitar picks, violin bows and drumsticks are not included.



Terminal devices for daily activities

Multi-D Terminal Device (Multiple-Diameter, Multiple Duty)

The excellent rocker action of the Multi-D TD allows for increased control through a wide range of angles. The high-strength, resilient and flexible body mimics natural wrist and forearm bio-mechanics making it particularly suitable for a variety of applications and activities. The Multi-D has a quick release, ratchet and buckle system providing adjustable diameters from 2.86cm.

Features

- ½” x 20TPI (M12 available, order conversion part number: N699001001)
- Suitable for a wide range of activities including kayaking, rowing, long handle tool control, gardening and DIY



Specifications

Length	9.7cm
Width	5.1cm
Weight	272g
Adjustable Diameter	2.86cm - 4.5cm plus
Colour	Black



Product Code: N699000152



GRIP 5

Improved colour and design configuration options make the GRIP 5 highly cosmetic along with being lightweight, functional and intuitive. The GRIP 5 is a voluntary closing device with an opening of 7.8cm and directly proportional gripping control which is fed-back to the user.

Features

- ½” x 20TPI (M12 available, order conversion part number: N699001001)
- Injection moulded outer shell colours: black, blue (marine), blue (sky), copper metallic, dove grey, pewter metallic, purple, red, silver metallic, yellow
- Index finger and thumb colours: black, grey, brown
- Colour inlays (self-adhesive): black foam, black synthetic leather, grey foam, blue foam, brown synthetic leather, red foam, white foam, purple swirl foam



Specifications

Length	13.2cm
Width	2.5cm - 4.3cm
Weight	255g
Wrist Diameter	4.3cm
Opening	7.8cm
Age	11 - Adult



Product Code: N699000307



Please note: Order forms are available from Customer Services



Terminal devices for cyclists

Criterion Bicycle Handlebar Adapters

Both adult models, the Criterion and Criterion Pivot provide an offset centreline duplicating the normal palm grasping position for improved bio-mechanics. The Criterion is the original, simplest version, providing easy application. The Pivot version is two pieces, allowing for much greater angulation and arm torque. The adjustable friction pivot mechanism results in higher performance yet is more difficult to release from the bars. To change the friction and force required to engage and disengage the Kriteriums, the handlebars can be taped with various material. The latest addition to the range is the new KIDDO designed for children aged three years and over. The wedge design on the KIDDO features integral radial, and an ulnar pivoting action that provides greater versatility, control and safety for the rider.

Features

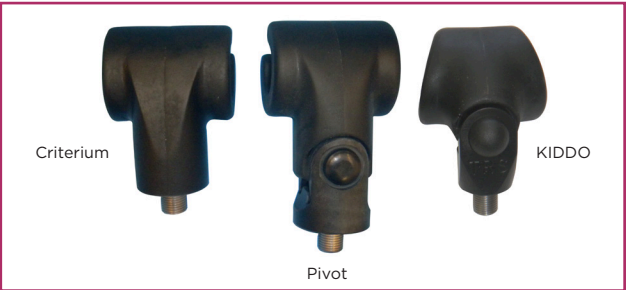
- The Criterion 70 model is softer, more flexible and forgiving than the Criterion Pivot 85 model. 70 durometer is recommended for children and less aggressive riders. Load required to directly release is approx. half that of the 80 durometer. 80 durometer is recommended for more aggressive riders. Load required to release is approx. twice that of the 70 durometer.
- KIDDO comes in two versions, Soft and Firm, and is designed for children as young as three years old. It is recommended that older children use the Firm version.
- All models snap/pull on and off 1" diameter bicycle handlebars
- All models fit right or left
- ½" x 20TPI (M12 available, order conversion part number: N699001001)

Specifications

	Length	Width	Weight	Colour
Criterion	8.6cm	6.4cm	184g	Black
Criterion Wedge	8.1cm	6.1cm	156g	Black
Criterion Pivot	10.2cm	6.4cm	213g	Black/Satin
KIDDO Soft	7.4cm	6.1cm	170g	Black
KIDDO Firm	7.4cm	6.1cm	170g	Black

Product Codes

	Criterion	Criterion Pivot
70	N699000051	-
85	-	N699000050
KIDDO Soft	N699000351	
KIDDO Firm	N699000352	



Mountain Master Mountain Bike Terminal Device

The Mountain Master Mountain Bike Terminal Device features a stainless steel ball-pedestal mount with machined aluminium mounting hub and a flexible, strong polyurethane body with a shock-absorbing design. The terminal device provides the user with excellent stability and secure control over the handlebars. The quick connect and release system means the terminal device is not locked to handlebars providing improved control for the rider.

Features

- Passive contoured features provide bike frame carrying capability
- Fits all standard ⅞" diameter bars
- Snap-on and lift-off function

Specifications

Length	10.7cm
Width	6.1cm
Height	8.4cm
Weight	270g
Colour	Black (custom colours available)



Product Code: N699000169

Ener Joint

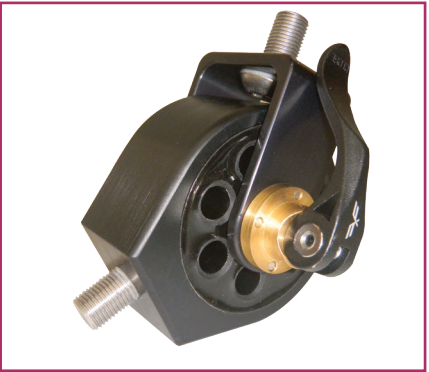
Compact and self-contained, the Ener Joint is designed to be mounted mimicking the centre of the anatomical elbow. The rapid and reliable bicycle hub-style locking lever provides a quick release mechanism, providing enhanced control for the user. Elastomeric energy storing and release allows this elbow to provide progressive resistance throughout flexion/extension, whilst the energy absorbing isolation module provides constant shock absorption. Designed for adult-grade rugged activities, the Ener Joint is particularly suitable for the following activities: mountain biking, ATV riding, off-road motorcycle riding, rowing, and kayaking.

Features

- ½" x 20TPI for proximal and distal connection (M12 available, order conversion part number: N699001001)
- Custom attachment couplings are available
- Polyurethane core isolates external shock forces under both flexion and extension
- Variety of pre-positionable, lockable angular orientations

Specifications

Models	Soft, Medium-Soft, Medium, Firm
Cylinder Diameter	7.6cm
Cylinder Width	3.8cm
Length	9.7cm
Width	9.9cm
Weight	540g
Colour	Stainless steel and black



Product Code: N699000168

Dual Bike Brake Lever

The simple to install Dual Bike Brake Lever allows unilateral activation of both the front and rear brakes. The BMX style lever mounts on either the right or left side of handlebars providing enhanced cosmesis.

Features

- One size fits both adults and children
- Fits ⅞" diameter mountain bike handlebars
- Cables are independently adjustable for tension
- ½" x 20TPI (M12 available, order conversion part number: N699001001)



Product Code: N699000053



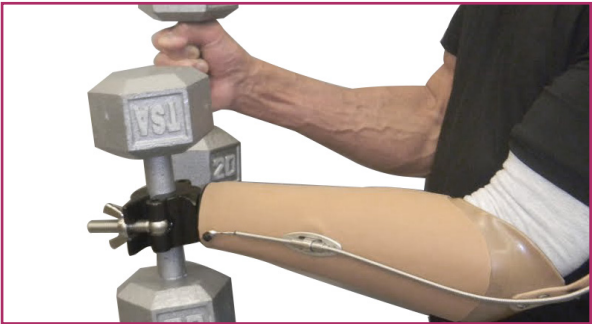
Terminal devices for fitness enthusiasts

Black Iron Master and Trainer

Designed for high performance, heavy duty and professional level weight lifting and training, the Black Iron Master (BIM) will mechanically grasp and lock onto handles and bars to provide unparalleled security and stability for extreme weight lifting. It is also useful for adapting to a wide variety of other exercise equipment available in modern fitness facilities. The Black Iron Trainer (BIT) is designed for lifting lower weights than the BIM. The BIT offers a lighter weight, lighter duty alternative to the BIM yet still capable of handling the wide range of grip and apparatus handle diameters that are encountered in modern fitness and exercise facilities. The BIM and BIT have no quick release or other break away features, once clamped in place they will stay secure until manually released.

Features

- Swinging gate clamps the bar between curved rubber saddles
- The gate is manually secured in place with a large wing nut
- Black Iron Master and Trainer can be used with the following wrist units: Wedgegrip Large Round or Oval, Disconnect Large Round or Oval, FM Disconnect Large Round
- ½” x 20TPI (M12 available, order conversion part number: N699001001)



Specifications

	Master	Trainer
Length	9cm	6.6cm
Width	5cm	5.1cm
Weight	709g	440g
Load Rating	750kg	200kg
Bar Diameter	2.2cm - 3.8cm	
Material	Forged aluminium, steel hardware, polymer rubber pads	
Colour	Dark grey-black, hard anodised finish	
Application	Right or left, heavy duty, high performance only	Right or left, all round weight training and lifting



Product Code Black Iron Master: N699000048

Product Code Black Iron Trainer: N699000049

Black Iron Lite

The Black Iron Lite is designed for lightweight aerobic style dumbbell exercise and lightweight resistance training with weights below 4.5kg. Moulded from high strength polymers the Black Iron Lite is equipped with a ratchet-type lock down strap for securely capturing weights and handles.

Specifications

Length	8.4cm
Width	5.1cm
Weight	709g
Load rating	4.5kg
Bar Diameter	2.2cm - 3.8cm
Colour	Black, Teal and Violet
Mounting	½” x 20TPI (M12 available, order conversion part number: N699001001)



Product Code Black: N699000165

Product Code Teal: N699000166

Product Code Violet: N699000167

Shroom Tumblers

The unique mushroom-shaped accessory for floor exercise and tumbling progressively cushions impact and allows for easy rollover. The flexible, high-strength, synthetic polymer rubber provides multi-axial flexibility for cartwheels, flips and handstands.

Features

- Proportioned to duplicate the surface area of the palm and fingers in children from 7 years to adults
- Supports weight of up to 90kg

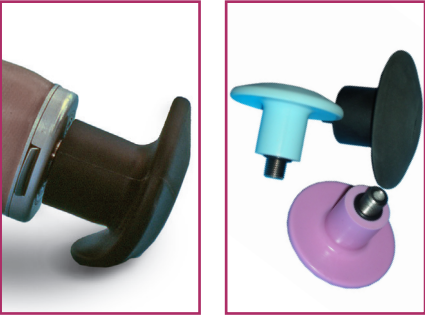
Specifications

	Shroom Tumbler	Mini Shroom Tumbler
Diameter	8.9cm	6.9cm
Height	5cm	4.1cm
Weight	156g	85g
Colour	Black (custom colours available)	
Mounting	½” x 20TPI (M12 available, order conversion part number: N699001001)	



Product Codes

	Shroom Tumbler	Mini Shroom Tumbler
Black	N699000063	N699000093
Coloured	N699000063 (state colour)	N699000092



Swinger

The Swinger is a versatile gymnastics grade swing hook capable of 360-degree performance mounts and dismounts. The device has an aluminium reinforcing core that provides exceptional strength and is encased in moulded, abrasion-resistant polyurethane rubber. Sized for the uneven parallel bars, the Swinger has a design optimised for approach, capture and release of the bar. The stance saddle provides above the bar forearm stability and support. The Swinger is primarily designed for children and young adults up to 136kg.

Features

- Unique offset swing hook centre and pivot design
- ½” x 20TPI (M12 available, order conversion part number: N699001001)

Specifications

Length	9.6cm
Width	8.4cm
Thickness	3.5cm
Openings	4.6cm
Weight	227g
Colour	Black, Teal and Violet



Product Code Black: N699000170

Product Code Teal: N699000171

Product Code Violet: N699000172

Dragon

Specifically designed for contact sports and floor exercise activities including: martial arts, wrestling and sparring. Duplicating a fist-like anatomy the Dragon's unique shaped surface provides a high traction along with exceptional punching power and cushioned protection for the arm.

Features

- Shock absorbing cylindrical cavity with flexible polymer construction
- Multi-functional design in black
- ½” x 20TPI (M12 available, order conversion part number: N699001001)

Specifications

Length	9.4cm
Width	7.4cm
Height	11cm
Weight	298g



Product Code: N699000057



ISHI Archery and Fishing Terminal Device

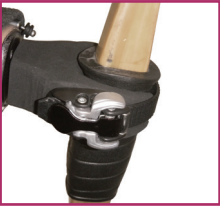
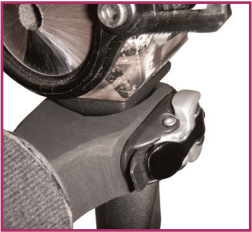
The strong polyurethane yoke design conforms to all types of bow handles and fishing rods. For archery, the ISHI is particularly suitable as the bow nests in the non-marring cradle of the ISHI. The adjustable ratchet strap and buckle system retains the bow without inducing torque. For fishing, ulnar deviation mimics the natural movement of the sound wrist.

Features

- ISHI operates either right or left
- ISHI for archery suitable for 5-10 year-old children and bows up to 18kg or all light duty, fresh water fishing for all ages
- ISHI HD for archery suitable for all youths and adults and bows from 18 - 31kg plus. For fishing; medium to heavier fresh water fishing gear and all salt water fishing
- ½” x 20TPI (M12 available, order conversion part number: N699001001)

Specifications

Length	9cm
Width	7.9cm
Thickness	3.1cm
Weight	170g
Colour	Black



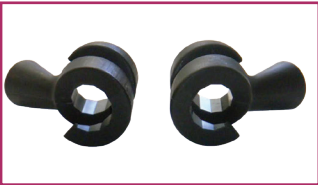
Product Code ISHI: N699000162
Product Code ISHI HD: N699000163

Helix

The Helix offers incredible flexible strength and external energy capture-and-return action. The Helix coils replicate the motion to feel like a real human hand and forearm, providing the user with a wide range of practical applications including: gardening, hockey and cricket.

Features

- Weave in and snap out connection system
- Accepts a wide range of diameters and shapes
- ½” x 20TPI (M12 available, order conversion part number: N699001001)



Product Code Left: N699000299
Product Code Right: N699000300



Specifications

Length	11cm
Width (Flexible OD)	5.6cm
Shaft (Flexible ID)	3cm
Base Unit Diameter	3.6cm
Weight	142g
Colour	Black



Hammerhead

The improved design of the Hammerhead duplicates the bio-mechanical wrist action required for performance kayaking. The Hammerhead safely secures the paddle handle, releasing manually and quickly when required. Designed to provide high torque paddle control the device can be used in a variety of water sport applications with some simple handle modifications.

Features

- Strong and reliable synthetic polymer construction
- Mounts on any standard prosthesis
- Energy storing wrap around with flexible strap coupling
- ½” x 20TPI (M12 available, order conversion part number: N699001001)

Specifications

Length	11cm
Width	7cm
Weight	340g
Colour	Black



Product Code: N699000045



Freestyle Swimming Device

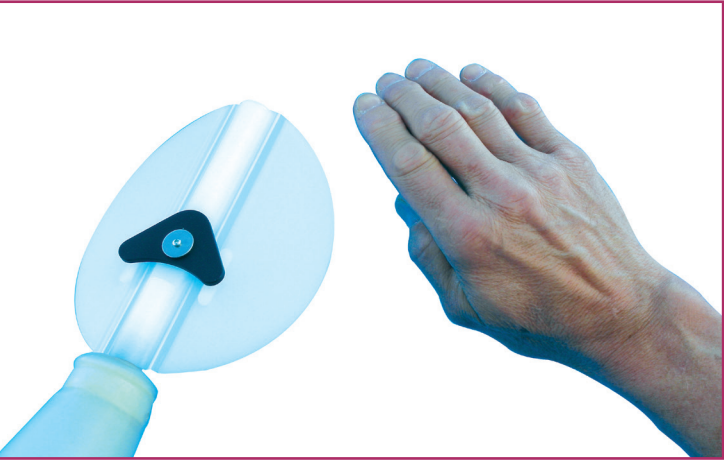
The Freestyle Swimming Device is a recreational accessory designed to be used with a custom swimming prosthesis for those interested in high performance or competitive swimming. The design mimics a folding wing which reduces resistance during stroke recovery but flares open to provide maximum resistance during the power stroke. The device can be rotated to optimise various swimming strokes and styles and the wings can be fixed in a flared position for treading water and water aerobic exercise.

Features

- The Freestyle comes in an adult size but can be easily modified down to conform to a smaller hand
- Passive (no cable required)
- ½” x 20TPI (M12 available, order conversion part number: N699001001)

Specifications

Length	15cm
Width	14cm
Thickness	1.6cm
Weight	96g
Colour	White
Material	Polypropylene, aluminium and stainless steel hardware



Product Code: N699000001



Procuff

Complete and ready to use, the Procuff allows a terminal device to be positioned in an anatomically correct position for congenital, partial hand and functional loss applications. Easily modified and adjustable, the universal size will fit most users.

- Features
- Stainless steel terminal device disconnect bracket with multiple mounting options
 - BOA high performance cable lacing closure system
 - Thermomouldable cuff
 - ½” x 20TPI (M12 available, order conversion part number: N699001001)

Specifications

	Procuff	Procuff Paediatric
Length	12.7cm	10.4cm
Weight With Stainless Steel Bracket	187g	99g
Weight Without Bracket	102g	57g
Distal End Internal Circumference	14.6cm - 20.3cm	13.3cm - 18.4cm
Proximal End Internal Circumference	20.3cm - 25.4cm	16.8cm - 21.6cm
Product Code Left	N699000095	N699000141
Product Code Right	N699000094	N699000142



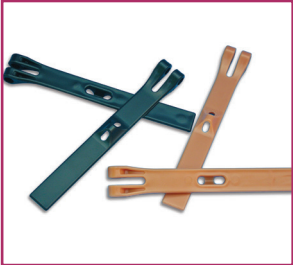
ELF-Straps

The ELF cross bar and cable control strap eliminates the need to fabricate cross bar straps. The cable tunnel guide enhances cable excursion around the elbow, dramatically improving performance and increasing operational efficiency. The waterproof polyurethane material retains flexibility and strength for improved performance.

- Features
- Both heavy duty and standard size cable housing can be used
 - Easily modified for length and housing

Specifications

Length	16.5cm
Width	1.9cm
Max Width	2.4cm
Thickness	0.32cm
Max Thickness	1.3cm
Colour	Tan and Stealth Black
Weight	Under 14g



Product Code Black: N699002151
Product Code Tan: N699000151

Sure-Lok Cable Lock Control Systems

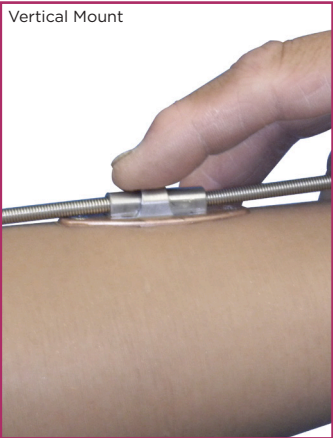
Eliminating the need to maintain continuous cable tension for control and grasping, the Sure-Lok replaces the standard cable, the cable housing system and the related hardware. Applicable to both V/C and V/O operating systems the Sure-Lok also helps to improve function and versatility.

- Features
- High strength polymer covers and switch levers (surface mount)
 - Supplied with 18” of heavy duty cable housing, liner and TRS python standard cable
 - 4 TRS cable housing ferrules
 - Reliable manual lever actuation controlling on/off operation



Specifications

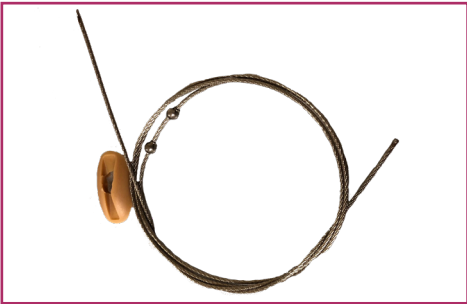
	Surface Mount	Vertical Mount
Length	3.6cm	3.6cm
Width	2.4cm	1.38cm
Height	0.9cm - 1.3cm	2.7cm
Colour	Tan and black	Silver or black (only cover plate coloured)
Cover Plate Length	N/A	5.8cm
Cover Plate Width	N/A	2cm
Depth Below Surface Required	N/A	1.6cm
Product Code Left	N699000086	N699000089
Product Code Right	N699000085	



Cable Cleat System

The Cable Cleat System provides passive closure of TRS prehensors for appearance and light-duty carrying purposes.

- Features
- Single or double ball system
 - ¼” diameter braided stainless steel cable, 3ft. long with either one or two ¾” diameter balls staged 6” from one end

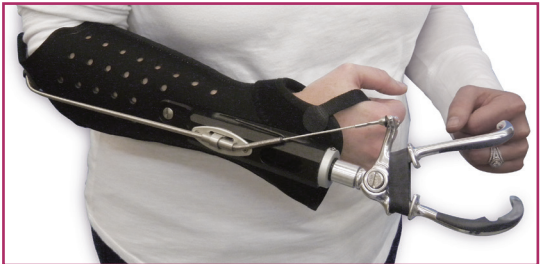


Product Code: N69900028

Prosthetic Simulators

The lightweight prosthetic simulator enables users to trial terminal devices, giving them a realistic understanding and expectation of their chosen prosthesis. The BOA cable closure technology adjusts to a wide variety of users and helps position the terminal device in its optimal alignment.

- Features
- Sure-Lok cable locking and control technology
 - Easily adjustable control harness and cable system
 - Constructed of low temperature, thermoformable EXOS laminates
 - ½” x 20TPI (M12 available, order conversion part number: N699001001)



Product Code Right: N699000157
Product Code Left: N699000156

For further information on additional TRS accessories please contact your Steeper Product Manager.

Little Feet Wood Core and Symes Model

Ideal for crawling and walking the Little Feet are designed for infants from six to thirty-six months old. The bolt-on SACH-type design provides unique energy dynamics and flexible toes providing enhanced realism and aesthetic appearance. To aid barefoot cosmesis, all models come with removable heel plug.

Features

- 8mm diameter mounting hole
- $\frac{5}{16}$ " x 2" bolt, M8 bolt, steel washer, and T nut mounting hardware on all models, 2 $\frac{3}{4}$ " bolt also included with 12-15cm models
- Fibreglass keel on all Symes models, and sizes 13-15cm on wood core model



Specifications

	10cm	11cm	12cm	13cm	14cm	15cm
Width	4.7cm	5.2cm	5.6cm	5.9cm	6.2cm	6.4cm
Height	4.2cm	4.2cm	5cm	5.2cm	5.6cm	5.6cm
Weight	96g	117g	167g	199g	238g	264g
Diameter (Major)	4.4cm	4.9cm	5.3cm	5.6cm	5.8cm	5.7cm
Diameter (Minor)	4cm	4.3cm	4.8cm	4.8cm	4.9cm	4.9cm
Wood Core	3.2cm	3.8cm	3.8cm	3.8cm	3.8cm	3.8cm
Colour	All feet are available in three colours, but please note that the product codes for caucasian are below. For mid brown or dark brown product codes please contact a Steeper Product Manager.					

Product Codes

For Little Feet, please use prefix code N699000 and then the corresponding numbers below. For example, N699000101 would be the product code for a 10cm, Left, Standard.

	10cm		11cm		12cm		13cm		14cm		15cm	
	Std.	Symes	Std.	Symes	Std.	Symes	Std.	Symes	Std.	Symes	Std.	Symes
Left	101	103	111	113	121	123	131	133	141	143	151	153
Right	102	104	112	114	122	124	132	133	142	144	152	154

Place an order:

To place an order or enquire further about order forms and part numbers please contact Customer Services on +44 (0) 870 240 4133 or e-mail customerservices@steepergroup.com.

For further information on the full TRS range including additional activity specific parts and custom requirements please contact your Steeper Product Manager.

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